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**ABATEMENT PLAN FOR REMOVAL OF
ASBESTOS, LEAD-BASED PAINT AND LEAD-
CONTAINING PAINT CONSTRUCTION RELATED
WORK**

**BUILDING DEMOLITION OF THE CAFETERIA,
SOUTH GYM, H127, HISTORY BUILDINGS &
REMODEL OF THE DRAKE POOL**

Santa Monica High School
601 Pico Boulevard
Santa Monica, CA 90265

Prepared for:

Santa Monica-Malibu Unified School District
1651 Sixteenth Street
Santa Monica, California 90404

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PART 1 - GENERAL

The Santa Monica Malibu Unified School District will undertake the demolition of the Cafeteria, South Gym, H127, History Buildings project and remodel of the Drake Pool to be completed at Santa Monica High School located at 601 Pico Boulevard, Santa Monica, California.

1.1 SCOPE OF WORK

The general intent of this document is to advise the Abatement Contractor of the minimum requirements for handling and removal of identified asbestos-containing materials (ACM), other asbestos materials (<0.1 percent asbestos), lead-based paint (LBP), and lead containing materials which will be impacted by the upcoming Demolition of the Cafeteria, South Gym, H127, History Building and remodel of the Drake Pool at the Project Site.

Alternative procedures may be used; however, alternative procedures must meet or exceed current federal, state, local and District specification requirements. Alternative procedures must be reviewed and approved by District representatives prior to implementation of the work.

An asbestos and lead survey have been prepared for this site by NV5 / Alta Environmental, report (#SMSD-19-9289) and supplemental sampling analysis. The survey report and supplemental analysis should be used in conjunction with this Plan to confirm the presence of asbestos and lead in paint that are in the areas impacted by the project. In addition, an OSHA clarification regarding requirements of material with less than one tenth of a percent asbestos. Quantities, if provided, should be field verified by the Abatement Contractor.

By submitting a bid, the Abatement Contractor warrants its intent to conduct said work properly using qualified personnel employed by licensed contractors.

- A. Removal scope of work shall include all impacted materials listed in the Tables 1.1.1, 1.1.2, 1.1.3, listed below.
- B. All removal and disturbance of asbestos-containing materials and asbestos containing construction materials and their subsequent waste shall be performed by an asbestos Abatement Contractor, using 40-hour asbestos trained workers (Asbestos Worker trained as outlined in 40 CFR 763). The Abatement Contractor's workforce shall be supervised by experienced trained workers, knowledgeable and qualified in the techniques of asbestos abatement, in handling and disposing of asbestos-containing and/or asbestos-contaminated materials, and in the subsequent cleaning of contaminated areas. The Abatement Contractor's workforce, at a minimum should be Competent Person/Contractor Supervisor trained outlined in 40 CFR 763.
- C. As indicated in Table 1.1.1 removal and disturbance of asbestos exterior stucco which was found to have less than one tenth of one percent will be performed in accordance with OSHA required work practices.
- D. As indicated in Table 1.1.1 certain materials are anticipated to be found during earthwork, an SCAQMD Procedure 5 Work Plan will be required. In general, this will require typical work plan procedure for buried pipe. This work may require scheduling during off school times including vacation/break times.

- E. All removal and disturbance of lead-based paints and subsequent waste disposal shall be performed by a state-licensed contractor, using CDPH-certified workers with at least one CDPH-certified Supervisor. The Abatement Contractor's workforce shall be supervised by experienced trained workers, knowledgeable and qualified in the techniques of lead abatement, in handling and disposing of lead-containing and/or lead-contaminated materials, and in the subsequent cleaning of contaminated areas.
- F. All removal and disturbances of lead containing painted surfaces (reported as any detected level of lead) are subject to Cal/OSHA requirements as set forth in (8 CCR 1532.1) including training and the use of respirators and protective clothing. Respirators and protective clothing must be utilized until the Contractor has demonstrated, through objective data, the exposure levels to lead dust (based on a negative exposure assessment) do not exceed the permissible exposure level. Refer to the Asbestos and Lead Survey Report for materials and locations.
- G. When exposure monitoring of a lead-related task indicates that the permissible exposure level is or will be exceeded, the Contractor shall use CDPH-certified lead workers to complete the task.
- H. Material quantities included in this report are provided as an estimate only and are for information only and shall not be used as a reliable quantity for preparing removal bids. The Contractor shall be solely responsible for assessing the type, extent, and quantity of material to be removed in each area of the project when preparing each project bid. Estimated quantities listed in this report were based on observed material in areas impacted by the scope of work.
- I. The Abatement Contractor shall furnish all labor, materials, services, and insurance. Insurance specifically covers the handling and transportation of ACMs and LBP which is specified, shown, or reasonably implied for the removal, transport, and disposal of the hazardous materials identified in Tables 1.1.1, 1.1.2, 1.1.3 listed below.

**Table 1.1.1-SUMMARY OF ASBESTOS-CONTAINING MATERIALS & OSHA CLASSIFIED
ACCM
CAFETERIA**

MATERIAL	LOCATION	SCOPE OF IMPACT	SECTION
Drywall with joint compound	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	Full removal before Demolition	3.7.1
Gray sealant OSHA Classified ACCM	Upper and lower flashing and ducting HVAC	Full removal before Demolition	3.7.4
Window putty	West window bay of student dining	Full removal before Demolition	3.7.3
Mirror Mastic Assumed ACM	Five Restrooms, (boys, girls, staff men, staff women, and restroom in changing room	Full removal before Demolition	3.7.3
Buried Asbestos Cement Pipe or Black Wrapped Pipe	Unknown, anticipated during earthwork excavation at the site	Will Require SCAQMD P5	SCAQMD P5 Plan

**Table 1.1.1-SUMMARY OF ASBESTOS-CONTAINING MATERIALS & OSHA CLASSIFIED
ACCM
GYM / DRAKE POOL**

MATERIAL	LOCATION	SCOPE OF IMPACT	SECTION
Drywall with joint compound	Above fissured ceiling tiles, northeast stairwell, southeast stairwell, SG206, south gym, south gym, seating areas, basketball court	Full removal before Demolition	3.7.1
12"x12" blue floor tile with black mastic on ACM 12"x12" gray floor tile	Storage room and hallway west of elevator vestibule	Full removal before Demolition	3.7.1
Mirror Mastic Assumed ACM	Five Restrooms, (boys, girls, staff men, staff women, and restroom in changing room	Full removal before Demolition	3.7.3
Buried Asbestos Cement Pipe or Black Wrapped Pipe	Unknown, anticipated during earthwork excavation at the site	Will Require SCAQMD P5	SCAQMD P5 Plan

**Table 1.1.1-SUMMARY OF ASBESTOS-CONTAINING MATERIALS
H127**

MATERIAL	LOCATION	SCOPE OF IMPACT	SECTION
Asbestos Cement "Transite" Flue Pipes	Roof	Full removal before Demolition	3.7.4
Mirror Mastic Assumed ACM	Five Restrooms, (boys, girls, staff men, staff women, and restroom in changing room	Full removal before Demolition	3.7.3
Buried Asbestos Cement Pipe or Black Wrapped Pipe	Unknown, anticipated during earthwork excavation at the site	Will Require SCAQMD P5	SCAQMD P5 Plan

**Table 1.1.1-SUMMARY OF ASBESTOS-CONTAINING MATERIALS & OSHA CLASSIFIED
ACCM
HISTORY BUILDING**

MATERIAL	LOCATION	SCOPE OF IMPACT	SECTION
Soft rough plaster	Rooms H101, H102, H100, H106, H114, 116, 118, 120, 122, 121, 119, 200, 201, 202, 203, 205, 207, 208, 209, 210, 213, 214, 215, 216, 217, 218, 1 st & 2 nd floor	Full removal before Demolition	3.7.1
TSI pipe insulation	Basement hallway in ceiling space, Room H023 storage	Full removal before Demolition	3.7.2
Fire Doors	Basement storage, H015 storage	Full removal before Demolition	3.7.2
Buried Asbestos Cement Pipe or Black Wrapped Pipe	Unknown, anticipated during earthwork excavation at the site	Will Require SCAQMD P5	SCAQMD P5 Plan

**Table 1.1.2- SUMMARY OF LEAD-BASED PAINT
CAFETERIA**

COMPONENT	LOCATION	SCOPE OF IMPACT/ESTIMATED	SECTION
Green I Beam	Throughout	Paint stabilization as required	3.7.5

Table 1.1.2- SUMMARY OF LEAD-BASED PAINT			
BUILDING H127			
COMPONENT	LOCATION	SCOPE OF IMPACT/ESTIMATED	SECTION
Exterior Windowsills	Throughout	Paint stabilization as required	3.7.5
Floor Drains	Throughout	Component Removal	3.7.5

Table 1.1.2- SUMMARY OF LEAD-BASED PAINT			
HISTORY BUILDING			
COMPONENT	LOCATION	SCOPE OF IMPACT/ESTIMATED	SECTION
Circle air vents	Throughout Roof	Component Removal	3.7.5
Window frame	On interior wood window frames	Paint stabilization as required	3.7.5
Window frame	All exterior wood window frames	Paint stabilization as required	3.7.5
Window Sash	All exterior wood window	Paint stabilization as required	3.7.5
Plaster Wall	History, Floor 1	Paint stabilization as required	3.7.5
Ceramic Floor	History, Floor 1/H111	Component Removal	3.7.6
Drywall Wall	History, Floor 2/H206	Paint stabilization as required	3.7.5
Concrete Wall	History, Basement/H203	Paint stabilization as required	3.7.5

Table 1.1.2- SUMMARY OF LEAD-BASED PAINT			
SOUTH GYM			
COMPONENT	LOCATION	SCOPE OF IMPACT/ESTIMATED	SECTION
Interior structural beams, columns, truss	Throughout	Paint stabilization as required	3.7.5
Water Fountain	Throughout	Component Removal	3.7.5
Tile Pool Markers	Pool	Component Removal	3.7.5
Sink	South Gym/Floor 1/SG120	Component Removal	3.7.5
Door Frame	South Gym/West Hallway	Component Removal	3.7.5
Bulletin Board	South Gym/West Hallway	Component Removal	3.7.5

Table 1.1.3-SUMMARY OF LEAD-CONTAINING PAINT	
All removal and disturbances of lead containing painted surfaces (reported as any detection level of lead by paint chip analysis) are subject to Cal/OSHA worker exposure requirements (8 CCR 1532.1) including the use of respirators and protective clothing until the Contractor has demonstrated, through objective data, the exposure levels to lead dust (based on a negative exposure assessment) do not exceed the permissible exposure level. All coatings which have detectable concentrations of lead must be handled in accordance with this section. Please refer to the Survey Report for specific materials and locations.	3.7.7

1.2 WORK TO BE PERFORMED BY OTHERS

- A. As per Project Drawings and/or Project Specifications.

1.3 RESPONSIBILITIES OF OWNER

- A. The Owner may elect to provide daily oversight and environmental monitoring surrounding the abatement/removal operations.

1.4 REQUIRED LICENSURE

- A. Abatement Contractor shall be licensed by the State of California Contractors State License Board and be registered to perform asbestos related work with the Division of Occupational Safety and Health, Department of Industrial Relations. At a minimum, the Abatement Contractor shall hold the following license classification:
 1. ASB - Asbestos Certification
 2. U.S. EPA Renovation, Repair, & Repainting Program (RRRP), if required

- B. Transportation of Friable and Non-Friable Asbestos Containing Materials: Contractor shall be or have a subcontractor who is a registered hazardous waste transporter with the State of California, Department of Toxic Substances Control.
- C. Subcontractors shall hold all licenses applicable to specified trade work.

1.5 PERMITS AND NOTIFICATIONS

- A. As required by California Division of Occupational Safety and Health (Cal/OSHA)
- B. As required by the South Coast Air Quality Management District (SCAQMD)
- C. As required by Department of Health Services (Cal/DPH)
- D. As required by local agencies for specific tasks (i.e., temporary power, etc.)

1.6 NOTIFICATIONS

- A. Contractor shall make all required written notifications to regulatory agencies including the following:
 - 1. Cal/OSHA
 - 2. SCAQMD
 - 3. Cal/DPH, if required.

1.7 INSURANCE REQUIREMENTS

- A. Provide as per Project Specifications.

1.8 BONDING REQUIREMENTS

- A. Provide as per Project Specifications.

1.9 PROJECT SCHEDULE

- A. Project Start Date: As specified by owner
Project Completion Date: As specified by owner
- B. All work shall be performed as per agreement between Contractor and Owner.

1.10 APPLICABLE REGULATIONS

- A. Contractor shall perform all work in compliance with current, applicable federal, state, and local regulations, standards, and codes including District specifications governing asbestos abatement, transport, and disposal of asbestos containing/contaminated materials, of lead-based/containing surface coatings and contaminated materials, and of all other hazardous materials.
 - 1. Requirements include obtaining permits, licenses, inspections, releases and similar documentation as well as payments, statements, and similar requirements associated with codes, regulations, and standards.

- B. Regulations, Standards, and Codes (General):
 - 1. General applicability of federal, state, and local regulations, standards, and codes governing hazardous materials abatement, demolition, transport, and disposal, except to the extent that more explicit or more stringent requirements are written directly into the contract documents. All applicable regulations, standards, and codes have the same force and effect and are made a part of the contract documents as if copied directly into the contract documents, or as if published copies are bound herewith.
- C. Contractor Responsibility: The Contractor shall assume full responsibility and liability for the compliance with all applicable federal, state, and local regulations including District Specifications pertaining to work practices, transport, disposal, and protection of workers, visitors to the site, and persons occupying areas adjacent to the site.
 - 1. The Contractor is responsible for providing training, medical examinations and maintaining training/medical records of personnel as required by the applicable federal, state, and local regulations.
 - 2. The Contractor shall hold the Owner and Project Environmental Consultant harmless for failure to comply with any applicable hazardous materials abatement, transport, disposal, safety, health, or other regulation on the part of himself/herself, his/her employees, or his/her subcontractors.

1.11 SUBMITTALS

- A. Prior to commencement of work, the Abatement Contractor shall submit to the Project Environmental Consultant (Owner's Representative) documentation that includes, without limitation, the following:
 - 1. Copies of licenses and registrations required by Article 1.6 Required Licensure (includes copies of subcontractors' licenses).
 - 2. Copies of written notifications to the following regulatory agencies:
 - a. Cal/OSHA
 - b. SCAQMD
 - c. Cal/DPH, if necessary.
 - 3. Manufacturer's certification that HEPA vacuums, differential pressure air filtration devices, and other local exhaust ventilation equipment conform to ANSI Z9.2-79 and have been permitted by the SCAQMD.
 - 4. Documentation showing that Contractor's employees, including foreman, supervisors, and any other company personnel or agents who may be exposed to airborne asbestos fibers or who may be responsible for any aspects of asbestos abatement activities, have received training as required by 29 CFR 1926.1101 and 8 CCR 1529.
 - 5. Documentation showing that Contractor's employees, including foreman, supervisors, and any other company personnel or agents who may be exposed to airborne lead dust or who may be responsible for any aspects of lead abatement activities, have received training as required by 29 CFR 1926.62 and 8 CCR 1532.1.

6. Documentation from Physician (signed by an M.D.) showing that all employees or agents who may be exposed to airborne asbestos fibers in excess of background levels have received medical monitoring to determine whether they are physically capable of working while wearing a respirator without suffering from adverse health effects. The Contractor must be aware of and provide information to the examining physician about unusual conditions in the workplace environment (e.g. high temperatures, humidity, and chemical contaminants) that may impact the employee's ability to perform work activities.
 7. Documentation of respirator fit-testing for all Contractor employees and agents who must enter the work area. This fit-testing shall be conducted annually and in accordance with procedures as required by 29 CFR 1910.134 and 8 CCR 5144.
 8. An emergency preparedness plan as required by Article 1.16 - Emergency Planning.
- B. During abatement activities, the Abatement Contractor shall maintain on-site records and submit to the Project Environmental Consultant at the completion of the project documentation that includes, without limitation, the following:
1. Copies of the work area entry/exit log book.
 2. Copies of logs documenting filter changes on respirators, HEPA vacuums, differential pressure air filtration devices, water filtration devices, and other engineering controls.
 3. Copies of Material Safety Data Sheets (MSDS) for solvents, encapsulants, wetting agents, replacement materials, and other substances brought by the Contractor to the Project Site. MSDSs shall be available the first day that subject materials/substances are present on the project site.
 4. Results of all required OSHA compliance air monitoring. Results shall be available for review by Consultant and Owner within 24 hours of the sampling.
 5. Copies of all accident/incident reports where injury or damage has occurred on or to the Owner's property.
 6. Copies of daily logs indicating location(s) worked, type(s) of materials removed, Quantity(s) of materials removed, and number of personnel conducting the aforementioned activities.
 7. Copies of all transport manifests, trip tickets, and disposal receipts for all asbestos waste materials removed from the site.

1.12 NOTICES

- A. Post in the clean room area of the worker decontamination enclosure a list containing the names, and telephone numbers of Owner, Construction Manager, Abatement Contractor, and Project Environmental Consultant.

- B. Additional postings shall include:
 - 1. Visitor Entry and Exit Log.
 - 2. Employee Daily Sign in Log.
 - 3. Entry and Exit Procedures.
 - 4. Emergency Procedures.
 - 5. Copies of permits required in Article 1.7 of this document and copies of notifications required in Article 1.8 of this document.
 - 6. As required by the Department of Labor.

1.13 SITE USE AND SECURITY

- A. Confine operations at the site to the areas permitted under the Contract. Portions of the site beyond areas on which work is indicated are not to be disturbed.
- B. The work area shall be restricted only to authorized, trained, and protected personnel including the Abatement Contractor, Abatement Contractor's employees, Owner's employees, Owner, Construction Manager, Project Environmental Consultant, and State and Local Inspectors.
- C. Entry into the work area by unauthorized individuals shall be reported immediately to the Project Environmental Consultant.
- D. Contractor shall be responsible for Project site security during abatement operations.

1.14 EMERGENCY PLANNING

- A. Emergency planning and procedures shall be developed by the Abatement Contractor prior to abatement initiation.
- B. Emergency procedures shall be in written form and prominently posted. Contractor shall ensure that all persons entering the work area read these procedures and understand the Project Site layout, location of emergency exits and emergency procedures.
- C. Emergency planning shall include considerations of fire, explosion, electrical hazards, slips, trips and falls, confined spaces, and heat related injuries. Written procedures shall be developed and employee training in procedures shall be provided by the Contractor.
- D. Employees shall be trained in evacuation procedures in the event of work place emergencies.
 - 1. For non-life-threatening situations, employees injured or otherwise incapacitated shall decontaminate following normal procedures with assistance from fellow workers, if necessary, before exiting the work place to obtain proper medical treatment.
 - 2. For life threatening injury or illness, worker decontamination shall take least priority. After measures to stabilize the injured worker, remove him/her from the work place and secure proper medical treatment.
 - 3. Telephone numbers of all emergency response personnel shall be prominently posted in the clean and equipment rooms.

1.15 FIRE PROTECTION

- A. All plastic, spray-on strippable coatings, and structural materials used in the asbestos abatement processes shall be UL-approved and certified as fire retardant or noncombustible.
- B. Wood shall be pressure impregnable and certified as fire retardant.
- C. Safety Data Sheets (SDS) for fire retardant materials shall be made available upon request.
- D. All combustible rubbish and debris, including asbestos waste shall be properly packaged, labeled, and stored in a District designated lockable storage facility at the end of each workday.
- E. A minimum of one (1) 4A/60BC dry-chemical extinguisher shall be maintained at each of the following locations:
 - 1. At each corner of the work area. Where no clear corners exist, four (4) extinguishers shall be placed around the exterior wall of the work area so that they are approximately 25 percent of the total distance apart.
 - a. Exception: Where the total contained work area is less than 1,000 square feet, two (2) 4A/60BC extinguishers shall be provided. All extinguishers shall be clearly identified with red tape.
 - 2. Contractor shall ensure that on site personnel are aware of the location and proper use of all extinguishers and other fire/life safety equipment.
- F. All existing fire detection, alarm systems, connections and standpipes shall remain in place, active, and unobstructed. Any alteration to this equipment must be approved by the Owner.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Generally, Contractor shall carefully adhere to the following:
 - 1. All plastic, spray-on strippable coatings, and structural materials used shall be UL-certified as fire retardant or non-combustible.
 - 2. Fire-retardant polyethylene sheeting utilized for worker decontamination and construction/containment barriers shall be a minimum of six-mil in thickness.
 - 3. Disposal bags used to package hazardous waste shall be of six-mil polyethylene, pre-printed with labels as required by EPA regulation 40 CFR 61.152 (b) and 8 CCR 1529.
 - 4. Warning signs as required by Cal/OSHA shall be utilized.
- B. Removal and Encapsulation:
 - 1. Apply surfactant during removal work activities.
 - 2. Apply an encapsulating agent to the substrate surfaces from which asbestos-containing material has been stripped.

3. Mastic removal solvents shall be of the low odor variety.

2.2 EQUIPMENT

A. General:

1. A sufficient quantity of HEPA vacuums and/or differential pressure air filtration devices equipped with HEPA filtration shall be used to control asbestos fibers during the removal of asbestos containing materials. To calculate total air flow requirement:

$$\text{Total ft}^3/\text{min} = \frac{\text{Vol. of work area (in ft}^3\text{)}}{15 \text{ min}}$$

To calculate the number of units needed for the abatement:

$$\text{Number of units needed} = \frac{\text{[total ft}^3/\text{min]}}{\text{[capacity of unit in ft}^3/\text{min]}}$$

2. At a minimum, full-face powered air-purifying respirators (PAPRs) equipped with HEPA filter cartridges shall be utilized during all friable/Class I asbestos removal and for all removal of lead-containing paints/substances involving abrasive removal techniques.
3. At a minimum, half-face air-purifying respirators with P-100 cartridges shall be utilized for the removal of all non-friable/Class II asbestos, lead coated ceramic tile, and impacted/damaged lead-based paint. This does not apply to abrasive removal.
4. Respirators shall be furnished to the abatement workers by the Abatement Contractor. The respirators shall have been tested and approved by the National Institute of Occupational Safety and Health (NIOSH) for use in asbestos-contaminated atmospheres.
5. Full body disposable protective clothing, including head, body, and foot coverings shall be furnished to workers and visitors by the Abatement Contractor. The clothing shall include adequate sizes to accommodate movement without tearing.
6. Additional safety equipment as supplied in accordance with 8 CCR 1514, (e.g. hard hats meeting the requirements of 8 CCR 1515, eye protection meeting the requirements of 8 CCR 1516, safety shoes meeting the requirements of 8 CCR 1517, hand protection meeting the requirements of 8 CCR 1520, hearing protection meeting the requirements of 8 CCR 1521, and body protection meeting the requirements of 8 CCR 1522), as necessary, shall be furnished to all workers and authorized visitors.

B. Removal:

1. Removal shall be performed using manual means and methods. Perform removal in manageable sections and perform continuous clean-up of debris. Mechanical removal shall only be performed in conjunction with Owner approved HEPA air filtration systems.
2. Perform detail cleaning using HEPA vacuuming and wet wiping methods. No brooms shall be used during asbestos and lead-based paint related work.

- C. Encapsulation: Encapsulants shall be sprayed using airless spray equipment or hand pressurized sprayer.

PART 3 - EXECUTION

3.1 CLEAN-UP PROCEDURES

- A. Remove and containerize all visible accumulations of asbestos-containing material, and asbestos/lead-contaminated debris utilizing rubber dust pans and rubber squeegees to move material around. Do not use metal shovels to pick up or move accumulated waste within contained work areas.

Asbestos-containing/contaminated waste shall be packaged and label in accordance with EPA regulation 40 CFR 61.152 (b) (1) (iv), Cal/OSHA (Title 8 CCR Sections 1529 and 5208), SCAQMD Rule 1403, and if applicable Title 22 CCR Section 66504.

Lead-waste wastes shall be packaged, and label as required by 8 CCR 1532.1 and 22 CCR 66504.

All other hazardous wastes shall be containerized as appropriate and disposed of in a manner that satisfies the requirements for waste characterization and disposal in accordance with the requirements of Title 22 of the California Code of Regulations, Sections 66243, et seq., and Sections 25157.8, et al, of the California Health and Safety Code.

- B. Whether cleaning an asbestos work area or a lead work area (or both), wet clean all surfaces in the work area using a HEPA-vacuum, as appropriate.
- C. After gross cleaning of the work area, HEPA-vacuum and wet clean all objects and surfaces in the work area are completed, remove all containerized waste from the work area.
- D. Decontaminate all tools and equipment and remove at the appropriate time in the cleaning sequence.
- E. Project Environmental Consultant and the Abatement Contractor representative will inspect the work area for visible residue. If any accumulation of residue is observed, a second settling period and cleaning cycle will be repeated at no additional cost to the Owner.
- F. Following the satisfactory completion of clearance air monitoring or clearance wipe testing, the remaining barriers may be removed and prepared for proper disposal. A final visual inspection by Project Environmental Consultant and the Abatement Contractor representative will be performed. Unsatisfactory conditions may require additional cleaning and air monitoring/wipe sampling, at no additional cost to the Owner.

3.2 WORKER DECONTAMINATION SYSTEMS

- A. Worker decontamination enclosure systems shall be provided at all locations where workers will enter or exit regulated work areas.
- B. Worker decontamination enclosure systems constructed at the Project Site shall utilize six-mil, fire-retardant polyethylene sheeting, or other approved materials for privacy.
- C. Personnel Decontamination Units shall not be located inside the work area(s) unless specifically authorized by the Project Environmental Consultant.

- D. Alternative methods of providing decontamination facilities may be submitted to the Project Environmental Consultant for approval. Do not proceed with any such method(s) without the written authorization.
- E. The worker decontamination enclosure system shall consist of at least a cleansing station in accordance with the requirements of 8 CCR 1527 and 8 CCR 1529, equipped with adequate water, towels, and cleansing agents to accommodate the entire crew and visitors.

3.3 DISPOSAL PROCEDURES

- A. All Class I friable asbestos waste shall be disposed as hazardous waste and disposed of at an appropriate landfill facility. The waste shall be manifested using a Uniform Hazardous Waste Manifest.
- B. All Class II non-friable asbestos waste shall be disposed of as Non-Hazardous, Non-Friable Asbestos Waste. A non-hazardous material data form will be required.
- C. All asbestos-containing waste shall be placed and stored in clear, sealed, leak-tight, and appropriately labeled containers in accordance with 8 CCR 1529 and SCAQMD Rule 1403, and be transported to an appropriate landfill for disposal.
- D. The Abatement Contractor will be responsible for segregating lead waste (LBP and LCP) into separate waste streams. The Contractor will be required to collect a sufficient number of samples to adequately characterize the waste stream. Sample analysis will include at a minimum, Total Threshold Limit Concentration (TTLC), Soluble Threshold Limit Concentration (STLC), and Toxicity Characteristic Leaching Procedure (TCLP).

The Contractor shall develop and submit for review a waste sampling and management plan to the Owner and the Project Environmental Consultant.

- E. All hazardous wastes (including non-hazardous asbestos wastes) must be transported by a certified waste hauler and disposed of at a waste facility approved by the Owner.
- F. Obtain the EPA Hazardous Waste Generator Identification Number and State of California Hazardous Waste Tax Identification Number from the Owner for hazardous waste disposal.
- G. All hazardous waste manifests or non-hazardous material data forms shall be delivered to the Owner. Record keeping format shall utilize a chain of custody form which includes the names and addresses of the Generator (Owner), Contractor, Waste Hauler, pickup site, disposal site, the estimated quantity of the asbestos waste and the type of containers used. The form shall be signed by the Generator, Contractor, Waste Hauler and the Disposal Site Operator, as the responsibility for the material changes hands.

3.4 REESTABLISHMENT OF THE WORK AREAS

3.4.1 VISUAL INSPECTION

Upon completion of the removal process, the Owner representative and the Abatement Contractor will conduct a post-abatement visual inspection. If any material designated for removal, including loose debris, is observed the Contractor will be required to re-clean that specific area.

3.4.2 ABATEMENT CLEARANCE CRITERIA

1. Following the completion of final clean-up operations, Project Environmental Consultant will be notified that work areas are ready for final inspection and clearance air monitoring.

- a. Project Environmental Consultant will then sample the air in the work area for airborne fiber concentrations.
 - b. Samples from removal areas with less than 160 square feet of removed material, at the discretion of the District, will be analyzed using Phase Contrast Microscopy (PCM) utilizing the NIOSH 7400 method. A minimum of five samples from inside the work area will be collected. Clearance will be issued when all samples results show that the airborne fiber concentrations inside the abatement work area are equal to or less than 0.01 f/cc or the background level (whichever is greater).
 - c. Samples from removal areas with greater than 160 square feet or 260 linear feet of removed material, will be analyzed using Transmission Electron Microscopy (TEM). A minimum of five samples from inside the work area will be collected. If the arithmetic mean of their asbestos structure concentrations per square millimeter is less than or equal to 70 structures per square millimeter, the asbestos removal and clean-up activities within the work area will be deemed to have been completed.
 - d. If these conditions are not met, decontamination shall be deemed incomplete and the cleaning procedures shall be repeated. The area shall be re-cleaned and re-tested at no additional cost to the Owner until satisfactory levels are obtained.
2. For lead-based removal work, wipe sampling shall be performed within the controlled work areas following completion of demotion work.
 - a) Release Criteria: Decontamination of the work area is complete when at least one representative sample per work area is analyzed and reveals lead concentrations below 40 micrograms of lead per square foot of area on interior floors, 250 micrograms of lead per square foot of area on window channels/sills, and 800 micrograms of lead per square foot of area on exterior floors.
 - b) If these conditions are not met, then the decontamination is incomplete, and the cleaning procedures noted in Article 3.1 above shall be repeated. The area shall be re-tested at no additional cost to the Owner until satisfactory levels are obtained.
 - c) For removal/demolition of lead-based paint components where the component was removed intact and without creating a disturbance to the LBP, clearance will be issued upon passing of a final visual inspection completed as described in section 3.4.1 of this work plan.

3.5 ENVIRONMENTAL MONITORING

Air monitoring will be carried out by the Project Environmental Consultant on behalf of the Owner to verify that the building beyond the contamination area and the outside environment remains uncontaminated.

Area Air Monitoring: The Project Environmental Consultant will conduct in-progress air monitoring daily to determine area airborne contaminant concentrations within the confines of the work area.

Environmental Air Sampling: Ambient air samples will be collected and analyzed to indicate fiber migration from containment to the environment. Should any environmental sample outside work areas exceed the base line of 0.01 f/cc of air or established background concentrations as determined by PCM analysis, all work will immediately halt except for corrective work. The PEC shall determine the source of the high fiber count and notify the Contractor with directions for the corrective action.

3.6 OSHA PERSONNEL AIR MONITORING

Air monitoring required by Cal/OSHA is the responsibility of the Abatement Contractor. The Contractor is responsible for providing daily Cal/OSHA compliance monitoring as per 8 CCR 1529 for asbestos and CCR 1532.1 for lead.

- A. At minimum, the Contractor shall conduct representative breathing zone personal air monitoring of its employees, repeated daily or until a "negative exposure assessment", as derived in accordance with 29 CFR 1926.1101 (f)(2)(iii) and 8 CCR 1529 for asbestos.
- B. Employers must assess the amounts of lead breathed by workers on a regular basis for each trigger task as per 8 CCR 1532.1. This is usually done by employee breathing zone air sampling. Air sampling results are used to determine the protective measures needed as well as the type of respirator that must be worn for protection.
 - 1. **Level 1 trigger tasks:** Spray painting, manual demolition, manual scraping or sanding, use of heat gun, power tool cleaning with dust collection system. Minimum required respirator: half-mask respirator with N-100, R-100 or P-100 filters.
 - 2. **Level 2 trigger tasks:** Using lead-containing mortar, lead burning, rivet busting, power tool cleaning without dust collection system, clean-up activities using dry expendable abrasives, abrasive blasting enclosure movement or removal. Minimum required respirator: air-supplied hood or helmet, or loose-fitting hood or helmet powered air purifying respirator with N-100, R-100 or P-100 filters.
 - 3. **Level 3 trigger tasks:** Abrasive blasting, welding, cutting, or torch burning on structures where lead-containing coatings or materials are present. Minimum required respirator: half-mask supplied air respirator operated in a positive pressure mode.
- C. Monitoring shall be conducted by a qualified air professional experienced and knowledgeable about the methods of air monitoring and in accordance with 29 CFR 1926.1101, 8 CCR 1529 and 8 CCR 1532.1.
- D. Monitoring results and appropriate laboratory analysis work shall be posted **within forty-eight (48) hours of the monitoring work.**

3.7 WORK PROCEDURES

3.7.1 ASBESTOS-CONTAINING MATERIALS REMOVAL-PLASTER, DRYWALL/JOINT COMPOUND, FLOOR TILE

Engineering Controls:

1. Install a full containment work area isolation including critical barriers, a 3-stage worker decontamination facility and temporary negative pressure differential.

Min. Resp. Protection:

1. Powered Air Purifying Respirators (PARP). The respiratory protection may be downgraded to a half-face APR if the Abatement Contractor can confirm based on objective data (personal air sampling) that exposure levels to asbestos during removal of the identified material will be sufficient for that respirator.
2. Perform the required Cal/OSHA worker exposure air monitoring.

Removal:

1. Remove the material using manual means and wet methods. Allow surfactant to soak into material and remove in manageable sections. Do not let debris to accumulate, perform cleaning of up of loose debris continuously.

Preparation/Transport:

1. Package and label the waste immediately. Store all waste in a lockable storage dumpster.

Disposal:

1. Dispose of all non-friable materials as non-hazardous asbestos containing waste. A Non-Hazardous Waste Shipment Record is required.
2. Dispose of all friable materials as hazardous asbestos-containing waste. A waste shipment (manifest) will be required.

3.7.2 ASBESTOS-CONTAINING MATERIALS REMOVAL-TSI & FIREDOORS

Engineering Controls: ***Set up is dependent on scope of work. Smaller scopes may be completed with lower level of engineering controls and shall be approved by District representative.***

1. Install a full containment work area isolation including critical barriers, a 3-stage worker decontamination facility and temporary negative pressure differential.
2. For elbow T.S.I., removal may also be performed using a glove bag technique. For glove bag removal, install critical barriers, drop floors, signs, and a two-stage worker decontamination facility.
3. For the door removal, if they can be undone at the hinges intact, a drop floor will suffice. Waste must be wrapped, labeled, and disposed of as hazardous waste.

Min. Resp. Protection:

1. Powered Air Purifying Respirators (PARP). The respiratory protection may be downgraded to a half-face APR if the Abatement Contractor can confirm based on objective data (personal air sampling) that exposure levels to asbestos during removal of the identified material will be sufficient for that respirator.
2. Perform the required Cal/OSHA worker exposure air monitoring.

Removal:

2. Remove the material using manual means and wet methods. Allow surfactant to soak into material and remove in manageable sections. Do not let debris to accumulate, perform cleaning of up of loose debris continuously.

Preparation/Transport:

1. Package and label the waste immediately. Store all waste in a lockable storage dumpster.

Disposal:

1. Dispose of as friable, hazardous asbestos-containing waste. A waste shipment (manifest) will be required.

3.7.3 ASBESTOS-CONTAINING MATERIALS REMOVAL-MIRROR MASTIC, WINDOW PUTTY, CEMENT FLUE PIPES

Engineering Controls:

1. Install a containment work area including critical barriers, a two-stage worker decontamination facility and signs.

Min. Resp. Protection:

1. Half Face Air Purifying Respirators where the Abatement Contractor has completed a worker negative exposure assessment and demonstrated that the Cal-OSHA permissible exposure will not be exceeded.

Removal:

1. Apply a surfactant, allow surfactant to soak into material and remove in manageable sections. Remove the material using manual means and methods.

Preparation/Transport:

1. Package and label the waste immediately. Keep wet and cover during transport to dumpster. Store all waste in a lockable storage dumpster.

Disposal:

1. Dispose of as non-friable, non-hazardous asbestos-containing waste.

3.7.4 ASBESTOS-CONTAINING CONSTRUCTION MATERIALS REMOVAL-GRAY SEALANT

Engineering Controls:

1. Establish critical barriers as necessary to prevent contamination outside of the regulated area. A one-stage decontamination facility is required with wash station. Install drop floors around the perimeter of the work area to extend at least 10 feet beyond the edge of the work area, where applicable.

Min. Resp. Protection:

1. Half Face Air Purifying Respirators where the Abatement Contractor has completed a worker negative exposure assessment and demonstrated that the Cal-OSHA permissible exposure will not be exceeded.

Removal:

1. Apply a surfactant, allow surfactant to soak into material and remove in manageable sections. Remove the material using manual means and methods.

Preparation/Transport:

1. Package and label the waste immediately. Keep wet and cover during transport to dumpster. Store all waste in a lockable storage dumpster.

Disposal:

1. *Waste material reported with traces of asbestos (<1%) may be disposed of as non-hazardous waste.*

3.7.5 LEAD-BASED PAINT REMOVAL- PAINT STABILIZATION / COMPONENT REMOVAL

Engineering Controls:

1. Install demarcation signage; drop floors, and critical barriers as necessary and a 2-stage worker decontamination facility with a wash station.

Min. Personal Protection:

1. Half-face air-purifying respirators equipped with HEPA-P100 filters. Disposable clothing (Tyvek [or equivalent] suits) and hand, foot, and eye protection is required.
2. Perform the required Cal/OSHA worker exposure air monitoring.

Removal:

1. Remove and stabilize all damaged, loose, and flaky paint prior to the component removal or surface preparation for repainting etc. Apply a paint sealer to the stabilized painted areas.
2. No mechanical removal such as saw cutting, torching, cutting, welding, etc. through lead-based paint shall be conducted. Painted components which may require cutting shall first be spot abated. The paint in the area to be cut shall first be removed entirely at a minimum six inches to each direction of the cut point. The Contractor will be required to submit a work plan, separate from this plan, for any planned work involving mechanical means or removal stated above. The plan must be reviewed and approved by the District prior to the Contractor beginning any work.

Preparation/Transport:

1. Package the waste generated by the paint stabilization and separate the waste into waste streams. Conduct the required waste characterization for disposal. (Refer to Section 3.3 of this document).

Disposal:

1. Dispose of all lead waste in accordance with federal, state, and local regulations.

3.7.6 LEAD-BASED PAINT REMOVAL- CERAMIC DEMOLITION

Engineering Controls:

1. Install a full containment work area including critical barriers, and a 3-stage worker decontamination facility and temporary negative pressure differential.

Min. Personal Protection:

1. Half-face air-purifying respirators equipped with HEPA-P100 filters. Disposable clothing (Tyvek [or equivalent] suits) and hand, foot, and eye protection is required.
2. Perform the required CAL-OSHA worker exposure air monitoring.

Removal:

3. Remove the material in manageable sections using manual means and wet methods.

Preparation/Transport:

1. Package the waste into waste streams. Conduct the required waste characterization for disposal. (Refer to Section 3.3 of this document).

Disposal:

1. Dispose of all lead waste in accordance with Federal, State, and Local regulations.

3.7.7 LEAD-CONTAINING PAINT CONSTRUCTION RELATED WORK

All construction work activities impacting lead-containing paints (LCP) (paints reported below 5,000 ppm) completed for this project, such as but not limited to demolition, removal, renovation etc. remain subject to Cal/OSHA worker exposure requirements (8 CCR 1532.1) including the use of respirators, protective clothing, training, air monitoring, waste disposal, etc. Further, it is the Contractor's responsibility to ensure that his workers are adequately protected to potential lead exposure during the initial monitoring period. It is the responsibility of the Abatement Contractor to fully comply with the requirements of the Cal/OSHA regulation. Cal/OSHA requirements are summarized below:

- a. Employers must assess the concentration of lead breathed by workers on a regular basis for each trigger task as per Section 1532.1(d). This is usually done by employee breathing zone air sampling. Air sampling results are used to determine the protective measures needed as well as the type of respirator that must be worn for protection.
 - i. **Level 1 trigger tasks:** Spray painting, manual demolition, manual scraping or sanding, use of heat gun, power tool cleaning with dust collection system. Minimum required respirator: half-mask respirator with N-100, R-100 or P-100 filters.
 - ii. **Level 2 trigger tasks:** Using lead-containing mortar, lead burning, rivet busting, power tool cleaning without dust collection system, clean-up activities using dry expendable

abrasives, abrasive blasting, enclosure movement or removal. Minimum required respirator: air-supplied hood or helmet, or loose fitting hood or helmet powered air purifying respirator with N-100, R-100 or P-100 filters.

- iii. **Level 3 trigger tasks** Abrasive blasting, welding, cutting, or torch burning on structures where lead-containing coatings or materials are present. Minimum required respirator: half-mask supplied air respirator operated in a positive pressure mode.

All lead waste shall be segregated into separate waste streams. The Contractor will be required to collect a sufficient number of samples to adequately characterize the waste stream. Sample analysis will include at a minimum, Total Threshold Limit Concentration (TTLC), Soluble Threshold Limit Concentration (STLC) and Toxicity Characteristic Leaching Procedure (TCLP). Refer to Section 3.3 for additional information.

End of Section

Appendix A

Survey Report



ASBESTOS AND LEAD SURVEY

For the Demolition of the Cafeteria, South Gym,
H127, History Buildings & Remodel of the Drake Pool
Santa Monica High School
601 Pico Boulevard
Santa Monica, California 90405

Prepared for:

Santa Monica-Malibu Unified School District
1651 Sixteenth Street
Santa Monica, California 90405

Project No.: SMSD-19-9289

Date: May 8, 2020

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EXECUTIVE SUMMARY

From March 23 thru May 6, 2020, NV5 / Alta Environmental (NV5) conducted a survey for asbestos and lead in paint for the demolition of the Cafeteria, South Gym, H127, History Buildings project and remodel of the Drake Pool to be completed at Santa Monica High School located at 601 Pico Boulevard, Santa Monica, California. Our Cal/OSHA and California Department of Public Health (CDPH) Certified Professionals conducted the following activities:

- Investigation to locate suspect asbestos-containing materials (ACM) and lead in paint in areas impacted by the scope of work;
- Physical assessment of suspect ACM and painted surfaces;
- Collection of bulk samples from suspect ACM and painted surfaces; and
- Laboratory analysis of samples collected.

Alta survey and sampling were limited to the following areas: Cafeteria, Gym/South Drake Pool, H127 and History Buildings. The survey included all accessible interior walls, ceilings, ceiling spaces, attic spaces, limited crawl spaces, exterior walls, and roofs.

Asbestos-containing materials (ACMs) were detected in in areas inspected by the scope of work. Removal may be subject to regulation under USEPA 40 CFR 61, locally enforced by South Coast Air Quality Management District (SCAQMD) and Cal/OSHA regulation (Title 8 CCR Section 1529).

Lead-based paints (LBP) were detected in areas impacted by the scope of work. Removal and disturbances may be subject to California Department of Public Health. When disturbed for construction purposes, impacts may be subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc.

Lead-containing paints (LCP) were detected in areas impacted by the scope of work. When disturbed for construction purposes, impacts may be subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc.

Refer to section 5 in this report for a summary of findings.

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Appendices

Appendix A: Field Bulk Sample list: Asbestos

Appendix B: Laboratory Analytical Report: Asbestos

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Appendix D: Laboratory Analytical Report: Lead

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Appendix F: Previous Survey; Cape 1993, CTL 2007, Alta 2018

REPORTED: May 8, 2020**PROJECT NO.:** SMSD-19-9289**CLIENT:** Santa Monica-Malibu Unified School District
1651 Sixteenth Street
Santa Monica, California 90405**ATTENTION:** Mr. Alan Braatvedt**REF:** Asbestos and Lead Survey
Demolition of Cafeteria, South Gym, H127, History
Buildings & Remodel of the Drake Pool
Santa Monica High School
601 Pico Boulevard
Santa Monica, California 90405

1 INTRODUCTION

From March 23 thru May 6, 2020, Alta Environmental conducted a survey for asbestos, and lead in paint for the upcoming demolition and remodeling project to be completed at Santa Monica School located at 601 Pico Boulevard, Santa Monica, California.

2 PROJECT BACKGROUND

Santa Monica-Malibu Unified School District retained Alta Environmental for the limited survey. The survey was completed by Randolph Flores and Jorge Robles, both Cal/OSHA Certified Site Surveillance Technicians (CSSTs) and CDPH Lead Sampling Technicians and Carbanly Becerril, an EPA Building Inspector and CDPH Lead Sampling Technician working under the direct supervision of Greg Archung, a Cal/OSHA Certified Asbestos Consultant (CAC) and CDPH Certified Inspector/Assessor.

3 SCOPE OF WORK

NV5/Alta survey and sampling were limited to: Cafeteria, Gym/South Drake Pool, H127, and History Buildings. The survey included all accessible interior walls, ceilings, ceiling spaces, attic spaces, limited crawl spaces and exterior walls, roof.

The survey included the following:

- Investigation to locate suspect asbestos-containing materials (ACM) and lead in paint in areas impacted by the scope of work;
- Physical assessment of suspect ACM and painted surfaces;
- Collection of bulk samples from suspect ACM and painted surfaces;
- Laboratory analysis of samples collected.

4 METHODOLOGY

4.1 Asbestos

Bulk samples of observed construction materials were collected. The sampling was conducted using guidelines set forth in *Federal Register 40 CFR Part 763*. NV5 conducted an initial walkthrough of the Site to develop a listing and sampling scheme of suspect materials. Samples were placed in sealable sample containers and assigned a unique sample identification number.

Bulk samples collected from the Site were subsequently analyzed by polarized light microscopy (PLM) for asbestos content in accordance with the United States Environmental Protection Agency's (USEPA) *Determination of Asbestos in Bulk Building Materials: EPA/600/R-93/116, July 1993*, at AQ Environmental Laboratories located in Signal Hill, California, a laboratory accredited by the National Voluntary Laboratory Accreditation Program.

Based on the requirements of the USEPA as set forth in *40 CFR 763*, a homogeneous material is defined as "an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in color and texture." Furthermore, the regulation requires that a minimum number of samples be collected from each identified homogeneous material. If one sample in a homogeneous material is found to contain asbestos, the entire homogeneous material is considered to be asbestos containing.

Several materials included in this report were reported to contain low levels of asbestos, laboratory reported as less than 1% (<1%). A gravimetric reduction followed by point count analysis was performed by the laboratory. Point-count analysis involves gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points were counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Results of the 1,000-point count analysis have been incorporated in this report.

Caution is advised in interpreting results provided herein.

4.2 Lead

Representative bulk paint chip samples of the following materials were collected from both the interior and exterior plaster, drywall, stucco, concrete, brick walls, doors, door frames, window systems, handrails, lockers, fire extinguish cases, roof flashing, roof conduit, roof cap sheet and concrete skylights were collected.

Paint chips were collected to determine the parts per million (ppm) concentration of lead in the painted surfaces. Paint chip samples were collected for construction safety as defined by *Title 8 CCR Section 1532.1*. Paint chip sample analysis was conducted by EPA Method SW846/7420 at AQ Environmental located in Signal Hill, California, a laboratory accredited by the Environmental Lead Laboratory Accreditation Program (ELLAP).

Representative painted surfaces were tested using a portable XRF spectrum analyzer of representative painted surfaces. The XRF used was the LPA-1, manufactured by Radiation Monitoring Devices (RMD) of Watertown, Massachusetts. XRF readings were taken by using the device "Quick" mode option. No time setting is required with this option since the device automatically adjusts its reading time to the different paint substrates for precision. The duration of each test result was determined by the substrate density in

combination with the age of the radioactive source of the device and the actual reading relative to the abatement level (threshold) chosen. The testing includes a unique combination of room equivalent, building component type, and substrate.

An XRF Performance Characteristic Sheet (PCS) developed jointly by the U.S. Department of Housing and Urban Development (HUD) and the USEPA for the RMD LPA-1 was used. The PCS provides information necessary to conduct an inspection of LBP using a specific XRF device. Based on the PCS, no inconclusive readings in the "Quick" mode were encountered for LBP on brick, concrete, drywall, metal, plaster or wood substrates.

Field calibration checks were performed prior, during and after each XRF lead inspection to determine that the device was functioning within acceptable limits (tolerance) determined by the manufacturer. Three readings of a red 1.04 mg/cm² Standard Reference Material (SRM) paint film, developed by the National Institute of Standard and Technology (NIST), were taken in the "Time Corrected" mode option during each calibration check. Each set of readings was averaged and compared to the PCS calibration check limit for the device.

4.3 Asbestos

Asbestos-containing materials (ACM) are those materials found to contain greater than one percent asbestos by weight as determined by the PLM method of analysis. These materials are subject to regulation under USEPA 40 CFR 61, local South Coast Air Quality Management District (SCAQMD). These materials are also subject to Cal/OSHA regulation (Title 8 CCR Section 1529) when disturbed for construction purposes.

Asbestos-containing construction materials (ACCM) are those materials reported to contain less than one percent (<1%) by PLM or greater than one tenth of one percent (>0.1%) using a 1,000 point count analysis. ACCMs are subject to Cal-OSHA regulation when disturbed for construction purposes.

Please note that data from previous surveys at the Site have been incorporated into the tables below.

Summary of ACMs and ACCMs:

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Cafeteria Building				
Drywall with joint compound	5163-5171	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	3% Chrysotile	13,000 SF

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Gray sealant	CB-4	Upper and lower flashing and ducting HVAC	0.29% chrysotile *by 1000 ptct	1000 LF
Window putty	CB-35 thru CB-36	West window bay of student dining	0.40% chrysotile - 0.58% chrysotile *by 1000 ptct	300 LF
Mirror Mastic		Five Restrooms , (boys, girls, staff men, staff women, and restroom in changing room	Assumed	25 SF

Gym/Drake Pool Building

Drywall with mud (ceiling) composite	gym-17	Above fissured ceiling panels, , southeast stairwell, SG206, basketball court, south gym seating areas	0.17% chrysotile (1000 pt.)	4,000SF
Drywall mud (ceiling)	gym-21 thru gym-27	Above fissured ceiling tiles, northeast stairwell, southeast, stairwell, south gym, south gym, seating areas, basketball court	0.67% - 1.04% chrysotile (1000 pt.)	4,000 SF
12"x12" blue floor tile with black mastic on 12"x12" gray floor tile	GB-31 thru GB-33	Storage room and hallway west of elevator vestibule	None detected - blue Tile None detected - mastic layer 1 8% chrysotile - gray tile None detected - mastic layer 2	280 SF
Mirror Mastic		Staff restrooms, student restrooms, boys & girls locker room near showers, SG16, SG15 and dance studio	Assumed	720 SF

H-127 Building

Asbestos Cement "Transite" Flue Pipes	NA	Roof	Known	4 Pipes (40 LF)
Mirror Mastic		Restroom	Assumed	5 SF

History Building

Soft rough plaster	H16 thru H22	Rooms H101, H102, H100, H106, H114, 116, 118, 120, 122, 121, 119, 200, 201, 202, 203, 205, 207, 208, 209, 210, 213, 214, 215, 216, 217, 218, 1 st &2 nd floor	3% chrysotile	39,000 SF
TSI pipe insulation	0130-H29, 0130-H30, 0130-H31	Basement hallway in ceiling space, room H023 storage	6% amosite and 2% chrysotile	900 LF
Fire door	N/A	Basement storage, H015 storage	Assumed	5 doors

The results for all other materials sampled were reported as "none detected," based on the limitations of the analytical method. Please refer to Appendix A for a complete listing of materials sampled, locations, and material conditions.

4.4 Lead

Lead-based paint (LBP), according to, the State of California, HUD and the USEPA is defined as paint or other surface coating with lead content equal to or greater than 5,000 parts per million (ppm) by paint chip analysis.

Lead-containing paints (LCP) according to Cal/OSHA *Title 8 CCR, Section 1532.1(d)* are defined as paints reported with any detectable levels of lead by paint chip analysis. When disturbed for construction purposes, these surfaces are subject to Cal/OSHA exposure assessment requirements. Amongst other things, this regulation requires initial employee exposure monitoring to evaluate work exposure during work that disturbs paint with any detectable level of lead. If airborne lead levels are above the established Cal/OSHA action limit or permissible exposure limit, additional monitoring and respiratory protection are required.

The following painted surfaces were analyzed by paint chip and were determined to be coated with LBP:

Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm²)
Cafeteria Building					
RF-PC-13	I beam	Metal	Above ceiling	Green	18,000
H127 Building					
RF-PC-26	Exterior windowsill	Wood	Windowsills	White	27,000
History Building					
PC-3	Circle air vents	Metal	Roof	White	9,000
PC-7	Window frame	Wood	On interior wood window frames	White	9,100
PC-15	Window frame	Wood	All exterior wood window frames	Beige	43,000

Prior Alta Environmental Limited Asbestos and Lead Survey Report (dated February 15, 2018) reported the following painted surfaces were analyzed by paint chip and were determined to be coated with LBP:

South Gym					
PC-67	Beam wall	Metal	Interior structural beams, columns, truss	Green	27,000

The following painted surfaces identified using a portable XRF spectrum analyzer and were determined to be coated with LBP:

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm²/PPM)
22	XRF	Locker	History,	Blue/Intact	Metal	0.8
25	XRF	Window Sash	History	White/intact	Wood	1.6

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm ² /PPM)
27	XRF	Ext. Window	History	Tan/intact	Wood	4.4
28	XRF	Ext. Window Sash	History	Tan/intact	Wood	1.6
35	XRF	Water Fountain	South Gym	White/intact	Porcelain	8.4
41	XRF	Tile	Pool Marker	Blue/intact	Ceramic	0.8

Prior ATC Associates Inc., Hazardous Materials Survey Report (dated July 1, 2009) reported the following LBP using a portable XRF spectrum analyzer.

Summary of LBP:

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm ² /PPM)
442,446, 450,457, 491,498, 516,533, 537,541, 552,555, 559,568, 571,574, 580, 584	XRF	Window casing	History, Floor 1/H106, H114, H116, H120, H103, H125, Floor 2/H203, H209, H213, H215, H216, H214, H212, H210, H208, H206	White/intact	Wood	2.0, 1.7, 3.4, 1.5, 3.3, 1.3, 1.6, 1.3, 3.3, 1.0, 3.1, 5.3, 3.9, 4.2, 1.3, 6.2, 2.4, 2.0
452	XRF	Wall	History, Floor 1/H116	White/intact	Plaster	3.7
511	XRF	Floor	History, Floor 1/H111	White/intact	Ceramic	1.8
577	XRF	Wall	History, Floor 2/H206	White/intact	Drywall	3.4,
601	XRF	Wall	History, Basement /H023	Green/intact	Concrete	0.9

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm ² /PPM)
1001	XRF	Floor Drain	Cafeteria/Floor 1/ C120 Kitchen	White	Porcelain	>9.9
1049	XRF	Sink	South Gym/Floor 1/SG120	White	Porcelain	9.7
1058	XRF	Door Frame	South Gym/ West Hallway	Blue	Metal	1.3
1059	XRF	Bulletin Board	South Gym/ West Hallway	White	Wood	1.2
1107, 1112, 1113	XRF	Door Frame	South Gym/ Floor 2/ SG205, SG206, SG206A	White	Metal	1.0, 1.0, 1.0

Lead-containing paints according to Cal/OSHA *Title 8 CCR, Section 1532.1(d)* are defined as paints reported with any detectable levels of lead by paint chip analysis. When disturbed for construction purposes, these surfaces are subject to Cal/OSHA exposure assessment requirements. Amongst other things, this regulation requires initial employee exposure monitoring to evaluate worker exposure during work tasks that disturbs paint with any detectable level of lead. If airborne lead levels are above the established Cal/OSHA action limit or permissible exposure limit, additional monitoring and respiratory protection are required.

Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm ²)
Cafeteria Building					
RF-PC-1	Air vent	Metal	Roof vents/ HVAC units	Off-white	1,800
RF-PC-2	Conduit	Metal	Throughout roof	Off-white	100
RF-PC-3	Exterior wall	Stucco	Exterior walls in sections	Off-white	580
RF-PC-6	Support beam	Metal	Arcade support beams	Blue	350
RF-PC-7	Exterior wall	Stucco	Exterior walls in sections	Off-white	500

Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm²)
RF-PC-10	Window frame	Wood	West wind bay of student dining	Off-white	1,700
RF-PC-11	Bulletin board	Metal	Northeast of building	Blue	68
RF-CP-12	Bulletin Board	Wood	Northeast of building	Blue	2,000
Gym/South Drake Pool Building					
RF-PC-14	Conduit	Metal	Piping above ceiling	Off-white	1,300
RF-PC-16	Cement wall	Concrete	Drake pool exterior	Off-white	950
RF-PC-19	Exterior walls	Concrete	Drake pool exterior walls	Off-white	110
RF-PC-20	Interior walls	Concrete	Interior perimeter walls south gym	Off-white	120
RF-PC-21	Door	Metal	Doors interior gym	Blue	48
RF-PC-22	Interior wall	Concrete	Interior paint drake pool	Off-white	500
H127 Building					
RF-PC-23	Flashing	Metal	Roof	White	110
RF-PC-25	Wall	Drywall	Throughout building interior walls	White	56
RF-PC-28	Door	Metal	HVAC closet door	Cream	49
RF-PC-29	Wall	Drywall	Throughout interior of building	Off-white	50
History Building					
PC-1	Ceiling	Plaster	David bowie kiln room	Green	790
PC-2	Flashing	Metal	Roof	White	110

Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm²)
PC-4	Door frame	Metal	H117A	Yellow	150
PC-5	Window frame	Metal	Exterior metal windows	Beige	690
PC-6	Door frame	Metal	All classroom metal doors	White	920
PC-8	Wall	Stucco	Exterior walls	Beige	100
PC-9	Metal case	Metal	All fire extinguisher cases	Red	4,000
PC-10	Door frame	Metal	Interior metal doors	Light blue	130
PC-11	Door	Metal	All exterior door	Dark blue	110
PC-12	Door frame	Wood	Hallway entrances	Light blue	93
PC-13	Window frame	Metal	All interior metal windows	White	950
PC-14	Plaster wall	Plaster	Room H117A	Yellow	130
PC-16	Handrail	Metal	All handrails on stairways	Dark blue	4,300
PC-17	Lockers	Metal	2nd floor hallway	Beige	2,700

Prior ATC Associates Inc., Hazardous Materials Survey Report (dated July 1, 2009) reported the following painted surfaces were analyzed by paint chip and were determined to be coated with LCP:

South Gym Building

025	Door Frame	Metal	RoomSG205	White	1,715
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History Building

011	Window Sill	Metal	Room H119	White	428
013	Window Casing	Metal	Room 215	White	1,917
014	Wall	Concrete	Room B023	Green	1,024

015 Wall Concrete Basement Hall White 1,079

Summary of Loose and Flaking Paint:

Cafeteria Building

Roof vents/ HVAC units on roof approximately 50 square feet,

Conduit on roof approximately 200 linear feet,

Window frames (wood) approximately 50 square feet.

South Gym & Drake Pool Building

Exterior of both South Gym and Pool approximately 800 square feet,

South Gym (Basketball court) interior paint approximately 400 square feet.

Building H-127

Flashing Roof on roof approximately 30 linear feet,

Window frames approximately 50 linear feet,

Exterior stucco walls approximately 25 SF

Interior walls approximately 5 SF

History Building

Plaster Ceiling David Bowie Kiln Room approximately 30 square feet,

Plaster Wall Room H117A approximately 10 square feet,

5 CONCLUSIONS AND RECOMMENDATIONS

Alta survey and sampling were limited to: Cafeteria, Gym/South Drake Pool, H127, and History Buildings. The survey included all interior walls, ceilings, ceiling spaces, attic spaces and exterior walls, roof and mechanical units and ancillary equipment. Based on review of the drawings, and information provided by the District, floors and crawlspaces will not be impacted during this project, and therefore, not inspected. The scope of work was limited to asbestos-containing material and lead in paint.

Alta recommends that during removal, or demolition, if suspect ACMs or lead materials are discovered, that the materials be assumed to contain asbestos and lead. The suspect ACM and lead materials should be properly characterized by a Cal-OSHA certified professional prior to disturbance or removal.

5.1 Asbestos

Asbestos-containing materials have been identified at the Site. Refer to Section 5 in this report for a summary of ACMs.

Asbestos-containing construction materials (ACCM) are those materials reported to contain less than one percent (<1%) by PLM or greater than one tenth of one percent (>0.1%) using a 1,000 point count analysis.

ACCMs are subject to Cal-OSHA regulation when disturbed for construction purposes. Refer to Section 5 in this report for a summary of ACCMs.

Several materials included in this report were reported to contain low levels of asbestos, laboratory reported as less than 1% (<1%). A gravimetric reduction followed by point count analysis was performed by the laboratory. Point-count analysis involves gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points were counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Results of the 1,000 point count analysis have been incorporated in this report.

Removal of ACCMs should be conducted by a licensed asbestos abatement contractor utilizing isolation control methods and dispose of properly. Workers handling ACM shall be asbestos trained and shall wear the appropriate personal protective equipment. Removal shall be conducted in accordance with South Coast Air Quality Management District (SCAQMD) Procedures 1 and or 3 as necessary.

Damaged asbestos materials should be removed, repaired, encapsulated or enclosed. The USEPA (locally enforced by South Coast Air Quality Management District (SCAQMD) requires that all asbestos materials be removed prior to any renovation or demolition activities that may impact the material. The USEPA recommends that a proactive, in-place management program be put in place whenever asbestos is discovered in a building. Asbestos materials that are not damaged may be managed in place with a good operations and maintenance (O&M) program.

Material quantities included in this report are of observed material and provided as a best estimate for information only and shall not be used as a reliable quantity by any contractor for preparing removal bids. The contractor shall be solely responsible for assessing the type, extent, and quantity of material to be removed in each area of the project in preparing each project bid.

5.2 Lead

5.2.1 Lead-based paint

Lead-based paints have been identified in the Site. Refer to Section 5 in this report for a summary of LBP.

Impacts to LBP when disturbed for construction purposes are subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc. Impacts to LBP may also be subject to California Department of Public Health requirements if results of worker exposure monitoring exceed the Cal/OSHA permissible exposure limit.

An O&M program is also recommended for the identified LBP in good condition. An O&M program or interim control is a set of measures designed to temporarily reduce human exposure or possible exposure to LBP hazards. Such measures may include specialized cleaning, repairs, maintenance, painting, temporary containment and management and resident education programs. Visual monitoring conducted by owners and/or reevaluations by risk assessors are integral elements of an interim control. An initial evaluation of potential LBP hazard by a certified risk assessor is recommended for a successful implementation of the interim controls.

Abatement (e.g., stabilization) is recommended for damaged LBP, or if the condition of the materials noted as being in good condition should change. According to Federal regulations and guidelines, LBP abatement

is the permanent (defined as designed to last at least 20 years or, in case of encapsulation, a 20-year product warranty) elimination of LBP hazards through replacement, enclosure, encapsulation, paint removal and cleaning to remove lead-contaminated dust.

Work activities impacting LBP pose a potential exposure risk for workers and/or building occupants. Workers trained in proper safety and respiratory techniques should perform renovation activities that may impact the LBP described in this report.

5.2.2 Lead-containing Paints

Lead-containing paints have been identified at the Site. Refer to Appendix G in this report for a summary of LCP and the prior reports in the Appendices.

Workers who disturb surfaces with lead-containing paint are subject to regulation under *Title 8 CCR, Section 1532.1 (d)*. These requirements include awareness training, monitoring to determine worker exposure. This regulation requires initial and on-going (if necessary) employee exposure monitoring to evaluate lead work exposure that disturbs paint with any detectable level of lead. Alta Environmental suggests that engineering controls, respiratory protection and personal protective equipment be employed at the start of any project that disturbs painted surfaces.

6 ASSUMPTIONS AND LIMITATIONS

This report was prepared exclusively for use by Santa Monica-Malibu Unified School District and may not be relied upon by any other person or entity without NV5 / Alta Environmental's express written permission. The information, conclusions and recommendations described in this report apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames and project parameters indicated. Alta Environmental cannot be responsible for the impact of any changes in environmental standards, practices or regulations after performance of services.

In performing our professional services, we have applied present engineering and scientific judgment and used a level of effort consistent with the current standard of practice for similar types of studies.

As applicable, NV5 / Alta Environmental has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions, to the extent that they have not been contradicted by data obtained from other sources. Accordingly, Alta Environmental accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

NV5 / Alta Environmental will not accept any liability for loss, injury claim, or damage arising directly or indirectly from any use or reliance on this report. NV5 / Alta Environmental makes no warranty, expressed or implied.

This report is issued with the understanding that the client, the property owner, or its representative is responsible for ensuring that the information, conclusions, and recommendations contained herein are brought to the attention of the appropriate regulatory agencies, as required.

Material quantities are in some cases listed within this document. These quantities are not intended to be used for removal bidding purposes. Nor is this document intended as a contract manual. Work methods and sequence, coordination of participants, applicable codes, engineering controls, required submittals and notifications should in all cases be addressed in a separate and independent bidding and contract document.

If you have any questions, please do not hesitate to contact the undersigned at (562) 495-5777. We appreciate the opportunity to be of service to Santa Monica-Malibu Unified School District.


7 SIGNATORY

Respectfully submitted by:

Reviewed by:

NV5 / Alta Environmental

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Appendix A

Field Bulk Sample List: Asbestos

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

Cafeteria Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Built up roof core	CB-1	None detected	Southwest corner	Cafeteria roof - throughout	<16000 SF	Yes	No
Built up roof core	CB-2	None detected	Center				
Built up roof core	CB-3	None detected	Northwest corner				
Gray sealant	CB-4	0.29% chrysotile *by 1000 ptct	Northwest top flashing	Upper and lower flashing and ducting HVAC	<1000 LF	No	No
Gray sealant	CB-5	None detected	Northeast lower flashing				
Gray sealant	CB-6	None detected	30' north of southwest corner flashing				
Black roof mastic	CB-7	None detected	Southwest, top of parapet wall	Top of parapet wall and a couple patched areas on roof	300 SF	No	No
Black roof mastic	CB-8	None detected	Northwest top of parapet				
Black roof mastic	CB-9	None detected	West center, top of parapet wall				
12"x12" cement brick wall	CB-10	None detected	Northeast, roof corner wall	Perimeter walls of cafeteria building	<5000 SF	No	No
12"x12" cement brick wall	CB-11	None detected	Northwest, roof corner wall				
12"x12" cement brick wall	CB-12	None detected	Southwest, roof corner wall				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

Cafeteria Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Mortar, associated with 12" cement brick	CB-13	None detected	Northeast, roof corner wall	Perimeter walls of cafeteria building	<5000 SF	No	No
Mortar, associated with 12" cement brick	CB-14	None detected	Northwest, roof corner wall				
Mortar, associated with 12" cement brick	CB-15	None detected	Southwest, roof corner wall				
Black duct sealant	CB-16	None detected	North unit, north ducting	Duct sealant on 2 units that run north/south towards center roof on ducting	60 LF	No	No
Black duct sealant	CB-17	None detected	North unit, south ducting				
Black duct sealant	CB-18	None detected	South unit, north ducting				
Vibration reducer 3"	CB-19	None detected	North unit bottom	4 HVAC units on the roof	<70 LF	No	No
Vibration reducer 3"	CB-20	None detected	Center unit bottom				
Vibration reducer 3"	CB-21	None detected	South unit bottom				
Barrier paper (black)	CB-22	None detected	Southwest, parapet wall	Behind perimeter plaster walls	<6000 SF	No	No
Barrier paper (black)	CB-23	None detected	Southeast, far east parapet wall				
Barrier paper (black)	CB-24	None detected	Northeast, east parapet wall				
Exterior stucco wall	CB-25	<0.1% chrysotile *by 1000 ptct	Southwest, parapet wall	Perimeter walls, exterior and roof parapet walls	<6000 SF	No	No
Exterior stucco wall	CB-26	None detected	East, southeast wall - roof parapet				
Exterior stucco wall	CB-27	None detected	East, northeast wall - roof parapet				
Exterior stucco wall	CB-28	None detected	North, northeast wall- roof parapet				
Exterior stucco wall	CB-29	None detected	Lower exterior wall, west center				
Exterior stucco wall	CB-30	None detected	Southwest - kitchen door, lower exterior wall				
Exterior stucco wall	CB-31	None detected	Lower exterior wall east center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

Cafeteria Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Exterior stucco ceiling	CB-32	None detected	Northwest of building ceiling	West side of building portico east side of building exit and south	<1000 SF	No	No
Exterior stucco ceiling	CB-33	None detected	East center of building				
Exterior stucco ceiling	CB-34	None detected	South center near exit				
Window putty	CB-35	0.40% chrysotile *by 1000 ptct	North bay	West window bay of student dining	300 LF	No	No
Window putty	CB-36	0.58% chrysotile *by 1000 ptct	Center bay				
Window putty	CB-37	None detected	South bay				
Gray duct sealant	CB-38	None detected	Kitchen above ceiling south of hatch	Ceiling space throughout cafeteria building	800 SF	No	No
Gray duct sealant	CB-39	None detected	Kitchen above ceiling north of hatch				
Gray duct sealant	CB-40	None detected	Staff cafeteria, west restroom, above hatch				
4" tan cove base with mastic	CB-41	None detected	Front office, west center	Front office, cove base	<75 LF	No	No
4" tan cove base with mastic	CB-42	None detected	South center				
4" tan cove base with mastic	CB-43	None detected	North center				
Carpet glue	CB-44	None detected	Northeast corner	Front office, underneath carpet	<150 SF	No	No
Carpet glue	CB-45	None detected	Southeast corner				
Carpet glue	CB-46	None detected	Southwest corner				

Note: Alta rep check above ceiling and had limited access. No visible suspect material

Assumed freezer insulation

Assumed mirror mastic in 5 restrooms (approx. 25 SF)

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
White sealant	GB-1	None detected	Northeast	Flashing on drake pool roof	300 SF	No	No
White sealant	GB-2	None detected	East				
White sealant	GB-3	None detected	West center				
White and light gray sealant	GB-4	None detected	North center	Large vent, north center drake pool roof	50 SF	No	No
White and light gray sealant	GB-5	None detected	Southeast				
White and light gray sealant	GB-6	None detected	West center				
Capsheet roof parapet	GB-7	None detected	northeast skylight, east center	Parapet roof perimeter, bottom of all units, side of skylights	600 SF	No	No
Capsheet roof parapet	GB-8	None detected	East center ceiling fan, west				
Capsheet roof parapet	GB-9	None detected	Southwest parapet wall				
2'x4' walk pad roofing	GB-10	None detected	North center	Down the center of the drake pool roof north to south	<300 SF	No	No
2'x4' walk pad roofing	GB-11	None detected	Center				
2'x4' walk pad roofing	GB-12	None detected	South center				
Smooth plaster columns	GB-13	None detected	Southwest column, on bleacher, northeast corner	Support columns, interior of drake pool building	<1000 SF	No	No
Smooth plaster columns	GB-14	None detected	Southwest column, northeast corner				
Smooth plaster columns	GB-15	None detected	Southeast column, on bleachers northwest corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4" round cement brick with mastic	GB-16	None detected	Southeast of pool	Interior of drake pool, perimeter wall building	<1000 SF	No	No
4" round cement brick with mastic	GB-17	None detected	East center				
4" round cement brick with mastic	GB-18	None detected	Northwest of pool				
Red/pink non-skid flooring	GB-19	None detected	Northeast of pool	Interior of drake pool building, flooring around pool area	6,000 SF	No	Yes
Red/pink non-skid flooring	GB-20	None detected	East center of pool				
Red/pink non-skid flooring	GB-21	None detected	Southeast of pool				
Red/pink non-skid flooring	GB-22	None detected	South center of pool				
Red/pink non-skid flooring	GB-23	None detected	Southwest of pool				
Red/pink non-skid flooring	GB-24	None detected	West center of pool				
Red/pink non-skid flooring turquoise epoxy flooring	GB-25	None detected	North center of pool				
Turquoise epoxy flooring	GB-26	None detected	Boy's locker room northwest	South gym flooring, in both locker rooms	4,000 SF	No	No
Turquoise epoxy flooring	GB-27	None detected	Northeast boy's locker room				
Turquoise epoxy flooring	GB-28	None detected	Southeast girl's locker room				
Turquoise epoxy flooring	GB-29	None detected	North center girl's locker room				
Turquoise epoxy flooring	GB-30	None detected	Southwest girl's locker room				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12"x12" blue floor tile with black mastic on 12"x12" gray floor tile	GB-31	None detected - blue Tile None detected - mastic layer 1 8% chrysotile - gray tile None detected - mastic layer 2	Southwest corner of hallway area	Storage room and hallway west of elevator vestibule	280 SF	No	No
12"x12" blue floor tile with black mastic on 12"x12" gray floor tile	GB-32	None detected - blue Tile None detected - mastic layer 1 8% chrysotile - gray tile None detected - mastic layer 2	Center of storage 201				
12"x12" blue floor tile with black mastic on 12"x12" gray floor tile	GB-33	None detected - blue Tile None detected - mastic layer 1 8% chrysotile - gray tile None detected - mastic layer 2	Northeast storage hallway, northeast				
12" blue floor tile with black mastic	GB-34	None detected	Room 206 center	Room 205A, 200A, 200A hallway, 2nd floor hallways, SG12, SG15, SG14 and 1st floor vestibules	5,000 SF	No	No
12" blue floor tile with black mastic	GB-35	None detected	Room 205A south center				
12" blue floor tile with black mastic	GB-36	None detected	Elevator vestibule northeast				
4" cove base with white mastic	GB-37	None detected	SG206 west center	All rooms throughout gym except restrooms south gym	<5000 LF	No	No
4" cove base with white mastic	GB-38	None detected	Northeast storage 2nd floor				
4" cove base with white mastic	GB-39	None detected	East vestibule 1st floor				
Carpet glue and residual brown mastic	GB-40	None detected	South center	South gym room SG206	600 SF	No	No
Carpet glue and residual brown mastic	GB-41	None detected	West center				
Carpet glue and residual brown mastic	GB-42	None detected	North center				
Black HVAC gasket with glue	GB-43	None detected	Southwest of access hatch	HVAC in ceiling space/attic above second floor, access near restroom	500 LF	No	No
Black HVAC gasket with glue	GB-44	None detected	Northwest of access hatch				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Black HVAC gasket with glue	GB-45	None detected	East of access hatch				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
HVAC duct insulation with mastic	GB-46	None detected	Southwest of access hatch	Above ceiling/attic space second floor, access near restroom	4,000 SF	No	No
HVAC duct insulation with mastic	GB-47	None detected	Southwest of access hatch				
HVAC duct insulation with mastic	GB-48	None detected	Southwest of access hatch				
Vibration reducer	GB-49	None detected	Southwest of hatch	HVAC units throughout attic space 2nd floor access near restroom	200 SF	No	No
Vibration reducer	GB-50	None detected	South of hatch				
Vibration reducer	GB-51	None detected	Southeast of hatch				
Press/fiber board with straight pin holes	GB-52	None detected	North	Sections of west wall, dance studio	800 SF	No	No
Press/fiber board with straight pin holes	GB-53	None detected	Center				
Press/fiber board with straight pin holes	GB-54	None detected	South				
Wood core floor	GB-55	None detected	Northwest	Dance studio, south gym, second floor	1,000 SF	No	No
Wood core floor	GB-56	None detected	Northeast				
Wood core floor	GB-57	None detected	South center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

H-127 Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Capsheet roof core	H1-1	None detected	West center	Outer portion of roof on H-127	300 SF	No	No
Capsheet roof core	H1-2	None detected	North center				
Capsheet roof core	H1-3	None detected	East center				
Roof shingles	H1-4	None detected	Southwest	Center portion of roof on H-127	600 SF	No	No
Roof shingles	H1-5	None detected	North center				
Roof shingles	H1-6	None detected	Southeast				
White sealant	H1-7	None detected	Northwest corner	Top of parapet on flashing H-127	50 SF	No	No
White sealant	H1-8	None detected	Northeast corner				
White sealant	H1-9	None detected	East center				
Window putty	H1-10	None detected	Northwest window	All windows on exterior of H-127	400 LF	No	No
Window putty	H1-11	None detected	Northeast window				
Window putty	H1-12	None detected	Southeast window				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

H-127 Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Exterior stucco wall	H1-13	None detected	Northwest corner	Perimeter walls of H-127	3,000 SF	No	No
Exterior stucco wall	H1-14	None detected	Northeast corner				
Exterior stucco wall	H1-15	None detected	Southeast corner				
Exterior stucco wall	H1-16	None detected	South center				
Exterior stucco wall	H1-17	None detected	Southwest corner				
Barrier paper behind exterior stucco	H1-18	None detected	Northwest corner	Behind exterior walls	3,000 SF	No	No
Barrier paper behind exterior stucco	H1-19	None detected	Northeast corner				
Barrier paper behind exterior stucco	H1-20	None detected	Southeast corner				
4" black cove base with tan mastic	H1-21	None detected	South wall, west of door	Throughout building, class, hall, kitchen, and restroom	200 LF	No	No
4" black cove base with tan mastic	H1-22	None detected	North center wall				
4" black cove base with tan mastic	H1-23	None detected	Southeast wall				
2'x4' fissured ceiling tile	H1-24	None detected	Center of hall	Kitchen, class, and hall	1,100 SF	No	No
2'x4' fissured ceiling tile	H1-25	None detected	Southeast of class				
2'x4' fissured ceiling tile	H1-26	None detected	South center of hall				
Gray duct sealant	H1-27	None detected	North	HVAC closet, on unit	<60 SF	Yes	No
Gray duct sealant	H1-28	None detected	Center of hall				
Gray duct sealant	H1-29	None detected	South				
12"x12" blue floor tile with glue	H1-30	None detected	Southwest hall	Class and hall	<1000 SF	No	No
12"x12" blue floor tile with glue	H1-31	None detected	North center class				
12"x12" blue floor tile with glue	H1-32	None detected	Southeast class				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

H-127 Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Wood floor with barrier paper	H1-33	None detected	Southeast of building/class	Throughout building	<1200 SF	No	No
Wood floor with barrier paper	H1-34	None detected	South center of hall near door				
Wood floor with barrier paper	H1-35	None detected	North center of class				
12"x12" white floor tile with glue	H1-36	None detected	Southeast corner	Kitchen floor	140 SF	No	No
12"x12" white floor tile with glue	H1-37	None detected	North of entry door				
12"x12" white floor tile with glue	H1-38	None detected	North center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Wood core with brown barrier paper	HB-01	None detected	Room H209, east center	All rooms 1st and 2nd floor except for restrooms and hallways	28,750 SF	No	No
Wood core with brown barrier paper	HB-02	None detected	Room H213, east center				
Wood core with brown barrier paper	HB-03	None detected	Room H116, south vent				
Wood core with brown barrier paper	HB-04	None detected	Room H102, north center				
Black mastic under floor tile	HB-05	None detected	Room H201, northeast corner	H200, H201, H204, H207, H208, H209, H210, H213, H216	5,200 SF	No	No
Black mastic under floor tile	HB-06	None detected	Room H209, north center				
Black mastic under floor tile	HB-07	None detected	Room H204, west center				
Exterior vent caulking	HB-08	None detected	Exterior, northwest	All exterior vents (80 vents)	560 LF	No	No
Exterior vent caulking	HB-09	None detected	Exterior south vent				
Exterior vent caulking	HB-10	None detected	Exterior, west vent				
Exterior non-skid flooring	HB-11	None detected	West stairway, west	Exterior west stairway	1,200 SF	No	No
Exterior non-skid flooring	HB-12	None detected	West stairway, north				
Exterior non-skid flooring	HB-13	None detected	West stairway, south				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
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History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
HVAC duct sealant	HB-14	None detected	Basement hallway	All ducts throughout buildings	800 SF	No	No
HVAC duct sealant	HB-15	None detected	Kiln room				
HVAC duct sealant	HB-16	None detected	Crawlspace, H015 storage				
Shed roofing	HB-17	None detected	Shed, west center	Exterior shed outside room H125	12 SF	No	No
Shed roofing	HB-18	None detected	Shed, east center				
Shed roofing	HB-19	None detected	shed, north center				
Exterior window caulking	HB-20	None detected	Room H101 window	All exterior windows	600 LF	No	No
Exterior window caulking	HB-21	None detected	Rom H122 window				
Exterior window caulking	HB-22	None detected	Room H100 window				
Kiln plaster rough	HB-23	None detected	Kiln, north center	David bowie kiln room on top of kiln	30 SF	No	No
Kiln plaster rough	HB-24	None detected	Kiln, west center				
Kiln plaster rough	HB-25	None detected	Kiln, east center				
Kiln brick	HB-26	None detected	Kiln, north center	David bowie kiln room on top of kiln	40 SF	No	No
Kiln brick	HB-27	None detected	Kiln, east center				
Kiln brick	HB-28	None detected	Kiln, west center				
Kiln insulation	HB-29	None detected	Kiln, north center	David bowie kiln room on top of kiln	50 SF	Yes	No
Kiln insulation	HB-30	None detected	Kiln, south center				
Kiln insulation	HB-31	None detected	Kiln, west center				
Shed caulking	HB-32	None detected	Shed, northwest corner	Exterior shed outside room H125	60 LF	No	No
Shed caulking	HB-33	None detected	Shed, north center				
Shed caulking	HB-34	None detected	Shed, northeast corner				
Dark blue floor tile with adhesive	HB-35	None detected	1st floor hall, north end	H119, H121, H122, 1st floor hallway, 2nd floor hallway	9,600 SF	No	No
Dark blue floor tile with adhesive	HB-36	None detected	2nd floor hall, south end				
Dark blue floor tile with adhesive	HB-37	None detected	H122, northwest corner				
Black and yellow wallboard mastic	HB-38	None detected	Room H217, west wall	All wallboard throughout buildings (175 wall boards)	1,750 SF	No	No
Black and yellow wallboard mastic	HB-39	None detected	Room H102, southwest				
Black and yellow wallboard mastic	HB-40	None detected	Room H204, north wall				
Roof sealant	HB-41	None detected	Roof, north center	Roof	350 SF	No	No
Roof sealant	HB-42	None detected	Roof, west center				
Roof sealant	HB-43	None detected	Roof, east center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

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History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Fire door	N/A	Assumed	N/A	Basement storage, H015 storage	5 Doors	No	No

Appendix B

Laboratory Analytical Report: Asbestos



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Project Name SAMOHI
Location Cafeteria Bldg.
PO Number
WO Number

Report Number 2039498

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Date Analyzed 04/13/2020
Date Reported 04/14/2020

Date Sampled 03/30/2020
Sampled By Randolph Flores
Total Samples 55

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
2039498-001 CB-1A	Built Up Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass 5% Synthetic Fiber 5% Bituminous Matrix/Filler 50% Other Non-Fibrous Material 40%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-002 CB-1B	Built Up Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass 10% Cellulose Fiber 10% Synthetic Fiber <1 Bituminous Matrix/Filler 60% Other Non-Fibrous Material 20%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-003 CB-1C	Built Up Roof Core - Insulation, Beige, Non-homogeneous	LAYER 1 100%	Wood Fiber 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-004 CB-2A	Built Up Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass 5% Synthetic Fiber 5% Bituminous Matrix/Filler 50% Other Non-Fibrous Material 40%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-005 CB-2B	Built Up Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 10% Fibrous Glass 10% Synthetic Fiber <1 Bituminous Matrix/Filler 60% Other Non-Fibrous Material 20%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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2039498-006 CB-2C	Built Up Roof Core - Insulation, Beige, Non-homogeneous	LAYER 1 100%	Wood Fiber 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-007 CB-3A	Built Up Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	5% 5% 50% 40% None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-008 CB-3B	Built Up Roof Core - Layered Felt/Tar, White, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Cellulose Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	10% 5% 5% 60% 20% None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-009 CB-3C	Built Up Roof Core - Insulation, Beige, Non-homogeneous	LAYER 1 100%	Wood Fiber 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-010 CB-4	Sealant, Silver/Black/White/Gray, Non-homogeneous Note: Metallic coating contains chrysotile.	LAYER 1 100%	Synthetic Fiber Bituminous Matrix Metallic Coating Adhesive Binders/Filler	<1% 5% 2% 93% Chrysotile <1%
Asbestos Present: Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <1%
2039498-011 CB-5	Sealant, White/Gray, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	<1% 100% None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-012 CB-6	Sealant, White/Gray, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-013 CB-7	Roof Mastic, Silver/Black/White, homogeneous	Non-LAYER 1 100%	Fibrous Glass Bituminous Matrix/filler Other Non-Fibrous Material	10% 55% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-014 CB-8	Roof Mastic, Silver/Black/White, homogeneous	Non-LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	10% 55% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-015 CB-9	Roof Mastic, White/Silver/Black, homogeneous	Non-LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	5% 65% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-016 CB-10	LAYER 1 12"x12" Cement Brick (Wall) - Coating, White/Silver/Black, Non-homogeneous	LAYER 1 10%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint Other Non-Fibrous Material	20% 45% 10% 25%	None Detected	
	LAYER 2 Brick, Brown, Homogeneous	LAYER 2 90%	Quartz Other Non-Fibrous Mineral Binders/Filler	40% 60%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
2039498-017				
CB-11	LAYER 1 12"x12" Cement Brick (Wall) - Coating, White/Silver/Black, Non- homogeneous	LAYER 1 10%	Fibrous Glass 20% Bituminous Matrix/Filler 45% Metallic Paint 10% Other Non-Fibrous Material 25%	None Detected
	LAYER 2 Brick, Brown, Homogeneous	LAYER 2 90%	Quartz 40% Other Non-Fibrous Mineral Binders/Filler 60%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-018				
CB-12	LAYER 1 12"x12" Cement Brick (Wall) - Coating, White/Silver/Black, Non- homogeneous	LAYER 1 10%	Fibrous Glass 20% Bituminous Matrix/Filler 45% Metallic Paint 10% Other Non-Fibrous Material 25%	None Detected
	LAYER 2 Brick, Brown, Homogeneous	LAYER 2 90%	Quartz 40% Other Non-Fibrous Mineral Binders/Filler 60%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039498-019				
CB-13	LAYER 1 Mortar Associated with Cement Brick - Coating, White/Silver/Black, Non- homogeneous	LAYER 1 10%	Fibrous Glass 20% Bituminous Matrix/Filler 45% Metallic Paint 10% Other Non-Fibrous Material 25%	None Detected
	LAYER 2 Mortar, Gray, Homogeneous	LAYER 2 90%	Quartz 50% Other Non-Fibrous Mineral Binders/Filler 50%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-020 CB-14	LAYER 1 Mortar Associated with Cement Brick - Coating, White/Silver/Black, Non- homogeneous	LAYER 1 10%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint Other Non-Fibrous Material	20% 45% 10% 25%	None Detected	
	LAYER 2 Mortar, Gray, Homogeneous	LAYER 2 90%	Quartz Other Non-Fibrous Mineral Binders/Filler	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-021 CB-15	LAYER 1 Mortar Associated with Cement Brick - Coating, White/Silver/Black, Non- homogeneous	LAYER 1 10%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint Other Non-Fibrous Material	20% 45% 10% 25%	None Detected	
	LAYER 2 Mortar, Gray, Homogeneous	LAYER 2 90%	Quartz Other Non-Fibrous Mineral Binders/Filler	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-022 CB-16	Duct Sealant, Brown/Black, Non- homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-023 CB-17	Duct Sealant, Brown/Black, Non- homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-024 CB-18	Duct Sealant, Brown/Black, Non- homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-025 CB-19	3" Vibration Reducer, Black, Homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	15% 85%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-026 CB-20	3" Vibration Reducer, Black/White, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	20% 80%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-027 CB-21	3" Vibration Reducer, Black, Homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	15% 85%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-028 CB-22	Barrier Paper, Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	80% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-029 CB-23	Barrier Paper, Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	80% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-030 CB-24	Barrier Paper, Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	80% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-031 CB-25	Exterior Stucco Wall, Cream/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	25% 45% 30%	Chrysotile	<1%
Asbestos Present: Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-032 CB-26	Exterior Stucco Wall, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-033 CB-27	Exterior Stucco Wall, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-034 CB-28	Exterior Stucco Wall, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-035 CB-29	Exterior Stucco Wall, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-036 CB-30	Exterior Stucco Wall, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-037 CB-31	Exterior Stucco Wall, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-038 CB-32	Exterior Stucco Ceiling, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	30% 45% 25%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-039 CB-33	Exterior Stucco Ceiling, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	30% 45% 25%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-040 CB-34	Exterior Stucco Ceiling, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	30% 45% 25%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-041 CB-35	Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
Asbestos Present: Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-042 CB-36	Window Putty, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
Asbestos Present: Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
2039498-043 CB-37	Window Putty, White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-044 CB-38	Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	2% 98%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-045 CB-39	Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	2% 98%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-046 CB-40	Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	2% 98%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-047 CB-41A	4" Cove Base, Tan, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Attn.: Greg Archung

Project Number SMSD-19-9289
Project Name SAMOHI
Location Cafeteria Bldg.
PO Number
WO Number

Report Number 2039498

Date Received 04/08/2020
Date Analyzed 04/13/2020
Date Reported 04/14/2020

Date Sampled 03/30/2020
Sampled By Randolph Flores
Total Samples 55

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-048 CB-41B	Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-049 CB-42A	4" Cove Base, Tan, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-050 CB-42B	Mastic, Yellow/Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-051 CB-43A	4" Cove Base, Tan, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-052 CB-43B	Mastic, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039498-053 CB-44	Carpet Glue, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Total Samples 55

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-054 CB-45	Carpet Glue, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

2039498-055 CB-46	Carpet Glue, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	2% 98%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported unless otherwise instructed.

CA-ELAP #2823

Analyst - Fred Chappellear

Approved Signatory Cristina E. Tabatt





CHAIN OF CUSTODY

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services@AQenvlabs.com

(Lab) Order No. 2039498

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Greg Archung	3 Day <input type="checkbox"/>	Drop Off <input checked="" type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone	562/ 495-5777	5 Day <input checked="" type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell	562-936-8619	Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/ 495-5877	Special Instructions:		
Email	Greg.Archung@NVS.COM			

PROJECT INFORMATION	
Project Name: <u>SAMO 11</u>	PO Number: _____
Project Number: <u>SMSP-19-9289</u>	Work Order No.: _____
Location: <u>Cafeteria Bldg.</u>	Sampled By: <u>Randolph Flores</u>

PLM PLM EPA 600/M4-82-020 <input checked="" type="checkbox"/> PLM 400 Pt. Count (<0.25%) <input type="checkbox"/> PLM 1000 Pt. Count (<0.1%) <input checked="" type="checkbox"/>	PCM NIOSH 7400A <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> w/ TWA <input type="checkbox"/>	MOLD Spore Trap <input type="checkbox"/> Tape Lift <input type="checkbox"/> Bulk Sample <input type="checkbox"/>	LEAD (Pb) Air <input type="checkbox"/> TTLC <input type="checkbox"/> Paint <input type="checkbox"/> Wipe <input type="checkbox"/> Soil <input type="checkbox"/>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume
			Sampled	Stop Time	Flow Rate	(L)
CB- 1	Built up Roof Core		3/30/20			
2						
3						
4	Light Gray Duct Sealant (P.F.)					
5						
6						
7	BLACK Roof MASTIC					
8						
9						
10	12"x12" Cement Brick (WALL)					

Relinquished By: <u>Randy Jahn</u>	Received By: <u>[Signature]</u>
Date/Time: <u>4-8-20 1500</u>	Date/Time: <u>4/8/20 15:00</u>

CHAIN OF CUSTODY

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Company:	Alta Environmental
Project Number:	SMSD-19-9289
Project Name:	SAMOHI

Analysis:

TAT:

(Lab) Order No. 2039498

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
CB-11	12" x 12" Cement Brick		3/8/20			
12	↓					
13	Mortar Associated w/cement Brick					
14	↓					
15	↓					
16	BLACK Dust Sealant					
17	↓					
18	↓					
19	3" Vibration Reducer					
20	↓					
21	↓					
22	BLACK Barrier Paper					
23	↓					
24	↓					
25	Exterior Stucco WALL					
26	↓					
27	↓					
28	↓					
29	↓					
30	↓					

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 4-8-20 1500	Date/Time: 4/8/20 15:00

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Company:	Alta Environmental
Project Number:	SMSP-19-9289
Project Name:	SAMOH1

Analysis:

TAT:

(Lab) Order No. 2039498

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
CB- 31	Exterior Stucco Wall		3/31/20	-----		
32	Exterior Stucco Ceiling			-----		
33				-----		
34				-----		
35	Window Putty (tan)			-----		
36				-----		
37				-----		
38	Grey Duct Sealant			-----		
39				-----		
40				-----		
41	4" TAN Cove Base w/MASTIC			-----		
42				-----		
43				-----		
44	CARPET GLUE			-----		
45				-----		
46				-----		

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 4-8-20 1500	Date/Time: 4/8/20 15:00



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Project Number SMSD-19-9289
Project Name SAMOHI
Location Cafeteria Bldg.
PO Number
WO Number

Report Number 2039549

Date Received 04/15/2020
Date Analyzed 04/17/2020
Date Reported 04/17/2020

Date Sampled 03/30/2020
Sampled By Randolph Flores
Total Samples 4

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039549-001 CB-4	Sealant, Silver/Black/White/Gray, Non-homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	40.06% 50.63% 9.02%	Chrysotile	0.29%
1000 pt. POINT COUNT						
Asbestos Present: Yes		Total % Non-Asbestos:		99.7%	Total %Asbestos:	0.29%
2039549-002 CB-25	Exterior Stucco Wall, Cream/Gray, Non-homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	28.00% 7.40% 64.60%	Chrysotile	<0.1%
1000 pt. POINT COUNT						
Asbestos Present: Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<0.1%
2039549-003 CB-35	Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	88.57% 9.05% 1.98%	Chrysotile	0.40%
1000 pt. POINT COUNT						
Asbestos Present: Yes		Total % Non-Asbestos:		99.6%	Total %Asbestos:	0.40%
2039549-004 CB-36	Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	79.26% 13.71% 6.46%	Chrysotile	0.58%
1000 pt. POINT COUNT						
Asbestos Present: Yes		Total % Non-Asbestos:		99.4%	Total %Asbestos:	0.58%



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Date Sampled 03/30/2020
Sampled By Randolph Flores
Total Samples 4

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
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Note: EPA 400 point count extended to 1000 points to meet the Cal OSHA regulatory limit of 0.1%.

Method Detection Limit: One tenth of one percent (0.1%). Asbestos content has been determined using the point count method. Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported unless otherwise instructed.

CA-ELAP #2823



Analyst - Fred Chappellear



Approved Signatory Cristina E. Tabatt





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Project Number SMSD-19-9289
Project Name SAMOHI, History Bldg
Location Santa Monica
PO Number
WO Number

Report Number 2039392

Date Received 03/27/2020
Date Analyzed 03/30/2020
Date Reported 03/31/2020

Date Sampled 03/25/2020
Sampled By Jorge Robles
Total Samples 62

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
2039392-001 HB-01A	History Bldg Wood Core- Residual tar material, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-002 HB-01B	History Bldg Wood Core- Top, Brown, Homogeneous	LAYER 1 100%	Wood 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-003 HB-01C	History Bldg Wood Core- Barrier paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix 50% 50%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-004 HB-01D	History Bldg Wood Core- Middle, Brown, Homogeneous	LAYER 1 100%	Wood 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-005 HB-01E	History Bldg Wood Core- Bottom, Brown, Homogeneous	LAYER 1 100%	Wood 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-006 HB-02A	History Bldg Wood Core- Residual tar material, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-007 HB-02B	History Bldg Wood Core- Top, Brown, Homogeneous	LAYER 1 100%	Wood 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Total Samples 62

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-008 HB-02C	History Bldg Wood Core- Barrier paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-009 HB-02D	History Bldg Wood Core- Middle, Brown, Homogeneous	LAYER 1 100%	Wood	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-010 HB-02E	History Bldg Wood Core- Bottom, Brown, Homogeneous	LAYER 1 100%	Wood	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-011 HB-03A	History Bldg Wood Core- Top, Brown, Homogeneous	LAYER 1 100%	Wood	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-012 HB-03B	History Bldg Wood Core- Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-013 HB-03C	History Bldg Wood Core- Bottom, Brown, Homogeneous	LAYER 1 100%	Wood	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-014 HB-04A	History Bldg Wood Core- Top, Brown, Homogeneous	LAYER 1 100%	Wood Bituminous Matrix	100% <1%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Total Samples 62

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-015 HB-04B	History Bldg Wood Core- Leveling compound, Gray, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 60% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-016 HB-04C	History Bldg Wood Core- Bottom, Brown, Homogeneous	LAYER 1 100%	Wood	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-017 HB-04D	History Bldg Wood Core- Leveling compound, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Calcium Carbonate Binder/Filler	5% 70% 25%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-018 HB-05	History Bldg Mastic Under Floor Tile, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-019 HB-06	History Bldg Mastic Under Floor Tile, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-020 HB-07	History Bldg Mastic Under Floor Tile, Black/ Brown, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Other Binders	80% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-021 HB-08	History Bldg Exterior Vent Caulking, Beige, Non-homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-022 HB-09	History Bldg Exterior Vent Caulking, Beige, Non-homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-023 HB-10	History Bldg Exterior Vent Caulking, Beige, Non-homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-024 HB-11	History Bldg Exterior Non-Skid Flooring, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	5% 70% 25%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-025 HB-12	History Bldg Exterior Non-Skid Flooring, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	5% 70% 25%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-026 HB-13	History Bldg Exterior Non-Skid Flooring, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	5% 70% 25%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-027 HB-14	History Bldg HVAC Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-028 HB-15	History Bldg HVAC Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-029 HB-16	History Bldg HVAC Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-030 HB-17	History Bldg Shed Roofing, Gray/Brown/Red, homogeneous	Non- LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 35% 55%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-031 HB-18	History Bldg Shed Roofing, Gray/Brown/Red, homogeneous	Non- LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 35% 55%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-032 HB-19	History Bldg Shed Roofing, Gray/Brown/Red, homogeneous	Non- LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 35% 55%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



1508 East 33rd Street
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Alta Environmental
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 Attn.: Greg Archung

Project Number SMSD-19-9289
Project Name SAMOHI, History Bldg
Location Santa Monica
PO Number
WO Number

Report Number 2039392

Date Received 03/27/2020
Date Analyzed 03/30/2020
Date Reported 03/31/2020

Date Sampled 03/25/2020
Sampled By Jorge Robles
Total Samples 62

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-033 HB-20	History Bldg Exterior Window Caulking, Beige, Non-homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-034 HB-21	History Bldg Exterior Window Caulking, Beige, Non-homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-035 HB-22	History Bldg Exterior Window Caulking, Beige, Non-homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-036 HB-23	History Bldg Kiln Rough Plaster, Tan, Non- homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	30% 25% 45%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-037 HB-24	History Bldg Kiln Rough Plaster, Tan, Non- homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	30% 25% 45%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-038 HB-25	History Bldg Kiln Rough Plaster, Tan, Non- homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	15% 40% 45%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Sampled By Jorge Robles
Total Samples 62

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-039 HB-26	History Bldg Kiln Brick, Beige, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-040 HB-27	History Bldg Kiln Brick, Beige, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-041 HB-28	History Bldg Kiln Brick, Beige, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-042 HB-29	History Bldg Kiln Insulation, White/ Black, Homogeneous	LAYER 1 100%	Mineral Wool Other Non-Fibrous Material	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-043 HB-30	History Bldg Kiln Insulation, White/ Black, Homogeneous	LAYER 1 100%	Mineral Wool Other Non-Fibrous Material	10% 90%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-044 HB-31	History Bldg Kiln Insulation, White/ Black, Homogeneous	LAYER 1 100%	Mineral Wool Other Non-Fibrous Material	10% 90%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Total Samples 62

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-045 HB-32	History Bldg Shed Caulking, Beige/ Black, Non-homogeneous	LAYER 1 100%	Wollastonite Bituminous Matrix Binder/Filler	2% 68% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-046 HB-33	History Bldg Shed Caulking, Beige/ Black, Non-homogeneous	LAYER 1 100%	Wollastonite Bituminous Matrix Binder/Filler	2% 68% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-047 HB-34	History Bldg Shed Caulking, Beige/ Black, Non-homogeneous	LAYER 1 100%	Wollastonite Bituminous Matrix Binder/Filler	2% 68% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-048 HB-35A	History Bldg Floor Tile, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-049 HB-35B	History Bldg Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-050 HB-36A	History Bldg Floor Tile, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
2039392-051 HB-36B	History Bldg Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-052 HB-37A	History Bldg Floor Tile, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 60% 40%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-053 HB-37B	History Bldg Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-054 HB-38A	History Bldg Wallboard Mastic, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-055 HB-38B	History Bldg Wallboard Mastic, Black, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-056 HB-39A	History Bldg Wallboard Mastic, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Project Number SMSD-19-9289
Project Name SAMOHI, History Bldg
Location Santa Monica
PO Number
WO Number

Report Number 2039392

Date Received 03/27/2020
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Date Sampled 03/25/2020
Sampled By Jorge Robles
Total Samples 62

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
2039392-057 HB-39B	History Bldg Wallboard Mastic, Black, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-058 HB-40A	History Bldg Wallboard Mastic, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-059 HB-40B	History Bldg Wallboard Mastic, Black, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-060 HB-41	History Bldg Roof Sealant, White/ Beige, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-061 HB-42	History Bldg Roof Sealant, Beige, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039392-062 HB-43	History Bldg Roof Sealant, White/ Beige, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Project Number SMSD-19-9289
Project Name SAMOHI, History Bldg
Location Santa Monica
PO Number
WO Number

Report Number 2039392

Date Received 03/27/2020
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Date Sampled 03/25/2020
Sampled By Jorge Robles
Total Samples 62

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
-----------------------------	--------------------------------	----------------------	----------------------------	-----	------------------	-----

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported unless otherwise instructed.

CA-ELAP #2823

Cristina Tabatt
 Analyst - Cristina Tabatt

Cristina Tabatt
 Approved Signatory Cristina E. Tabatt





CHAIN OF CUSTODY

1508 E. 33rd Street
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services@AQenvlabs.com

(Lab) Order No. PLM: 2039392 / Pb: 2039393

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Greg Archung	3 Day <input checked="" type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone		5 Day <input type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax		Special Instructions:		
Email	greg.archung@AUS.com			

PROJECT INFORMATION	
Project Name: SAMOHI, HISTORY Bldg	PO Number: _____
Project Number: SMD-19-9287	Work Order No.: _____
Location: Santa Monica	Sampled By: Jorge Robles

PLM PLM EPA 600/M4-82-020 <input checked="" type="checkbox"/> PLM 400 Pt. Count (<0.25%) <input type="checkbox"/> PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	PCM NIOSH 7400A <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> w/ TWA <input type="checkbox"/>	MOLD Spore Trap <input type="checkbox"/> Tape Lift <input type="checkbox"/> Bulk Sample <input type="checkbox"/>	LEAD (Pb) Air <input type="checkbox"/> TTLC <input type="checkbox"/> Paint <input checked="" type="checkbox"/> Wipe <input type="checkbox"/> Soil <input type="checkbox"/>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume (L)
			Sampled	Stop Time	Flow Rate	
HB-01	wood core w/ brown barrier paper	History Bldg	3/25/20	-----		
-02				-----		
-03				-----		
-04				-----		
-05	black mastic under floor tile			-----		
-06				-----		
-07				-----		
-08	Exterior vent caulking			-----		
-09				-----		
-10				-----		

Relinquished By: <i>Jorge Robles</i>	Received By: <i>Jorge Robles</i>
Date/Time: 3/27/20 12:40	Date/Time: 3/27/20, 12:40

CHAIN OF CUSTODY

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Company: Alta Environmental

Project Number: SMSD-19-9289

Project Name: SAMOH1

Analysis:

TAT:

(Lab) Order No. PLM: 2039392 / Pb: 2039393

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
H/B-11	Exterior Non-Skid Floorings	1st story Bldg	3/25/20	-----		
-12	↓	↓	↓	-----		
-13	↓	↓	↓	-----		
-14	HVAC DUCT sealant	↓	↓	-----		
-15	↓	↓	↓	-----		
-16	↓	↓	↓	-----		
-17	Shed roofing	↓	↓	-----		
-18	↓	↓	↓	-----		
-19	↓	↓	↓	-----		
-20	Exterior window caulking	↓	↓	-----		
-21	↓	↓	↓	-----		
-22	↓	↓	↓	-----		
-23	Kiln rough plaster	↓	↓	-----		
-24	↓	↓	↓	-----		
-25	↓	↓	↓	-----		
-26	Kiln brick	↓	↓	-----		
-27	↓	↓	↓	-----		
-28	↓	↓	↓	-----		
-29	Kiln insulation	↓	↓	-----		
-30	↓	↓	↓	-----		

Relinquished By: <u>Joe [Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>3/27/20 12:40</u>	Date/Time: <u>3/27/20, 12:40</u>

CHAIN OF CUSTODY

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Company:	Alta Environmental
Project Number:	SMSD-19-9289
Project Name:	SIA MOHI

Analysis:

TAT:

(Lab) Order No. PLM: 2039392 / PL: 2039393

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
HB-31	Ki/n Insulation	History Bldg	3/27/20			
-32	shed caulking					
-33	↓					
-34	↓					
-35	Dark blue floor tile w/ adhesive					
-36	↓					
-37	↓					
-38	wallboard yellow/ mastic black					
-39	↓					
-40	↓					
-41	Root sealant					
-42	↓					
-43	↓					
PC-1	Paint Chip					
-2	↓					
-3	↓					
-4	↓					
-5	↓					
-6	↓					
-7	↓					

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 3/27/20 12:40	Date/Time: 3/27/20, 12:40



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Alta Environmental
 3777 Long Beach Blvd.
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 Attn.: Cesar Ruvalcaba

Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830167

Date Received 02/02/2018
Date Analyzed 02/12/2018
Date Reported 02/12/2018

Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-001 0129-01A	Barnum Hall 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Mineral Wool Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-002 0129-01B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-003 0129-02A	Barnum Hall 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Mineral Wool Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-004 0129-02B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-005 0129-03	Barnum Hall Ceiling Tile Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-006 0129-04	Barnum Hall Duct Sealant, Gray/Yellow, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
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Date Reported 02/12/2018

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Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-007 0129-05	Barnum Hall Duct Sealant, Gray/Yellow, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-008 0129-06	Barnum Hall Duct Sealant, Gray/Yellow, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-009 0129-07	Barnum Hall Stucco, Yellow/White/Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-010 0129-08	Barnum Hall Stucco, Yellow/White/Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-011 0129-09	Barnum Hall Stucco, Yellow/White/Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830167

Date Received 02/02/2018
Date Analyzed 02/12/2018
Date Reported 02/12/2018

Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-012 0129-10	Barnum Hall Smooth Plaster Wall, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Quartz Gypsum Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-013 0129-11	Barnum Hall Smooth Plaster Wall, White/Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Calcium Carbonate Quartz Gypsum Other Non-Fibrous Material	<1% 10% 40% 35% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-014 0129-12	Barnum Hall Rough Plaster Wall, Green/Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-015 0129-13	Barnum Hall Rough Plaster Wall, Green/Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Calcium Carbonate Gypsum Quartz Perlite Other Non-Fibrous Material	<1% 15% 40% 25% 10% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-016 0129-14A	Barnum Hall Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-017 0129-14B	Barnum Hall Roof Core - Composition Roofing (2 Layers), White/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 65% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-018 0129-14C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-019 0129-14D	Barnum Hall Roof Core - Paper, Pink, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-020 0129-15A	Barnum Hall Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-021 0129-15B	Barnum Hall Roof Core - Comp. Roofing (2 Layers), White/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 65% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-022 0129-15C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-023 0129-15D	Barnum Hall Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-024 0129-16A	Barnum Hall Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-025 0129-16B	Barnum Hall Roof Core - Comp. Roofing (2 Layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Other Non-Fibrous Material	15% 65% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-026 0129-16C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-027 0129-16D	Barnum Hall Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-028 0129-17	Barnum Hall Penetration Mastic, White/Black/Silver, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler Metallic Flashing Other Non-Fibrous Material	5% 45% 35% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-029 0129-18	Barnum Hall Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	2% 78% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-030 0129-19	Barnum Hall Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	2% 78% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-031 0129-20	Barnum Hall Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	8% 92%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-032 0129-21	Barnum Hall Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-033 0129-22	Barnum Hall Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	8% 92%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-034 0129-23A	Barnum Hall 12" Peghole Ceiling Tile, White/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite Binder/Filler	30% 30% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-035 0129-23B	Barnum Hall Mastic, Brown, Non-homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-036 0129-24A	Barnum Hall 12" Peghole Ceiling Tile, Beige, Homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite	30% 30% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-037 0129-24B	Barnum Hall Mastic, Brown, Non-homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-038 0129-25A	Barnum Hall 12" Peghole Ceiling Tile, White/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite Binder/Filler	30% 30% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-039 0129-25B	Barnum Hall Mastic, Brown, Homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-040 0129-26	Barnum Hall Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-041 0129-27	Barnum Hall Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-042 0129-28	Barnum Hall Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-043 0129-29	Barnum Hall Soft Fireproofing, Gray/Green, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 30% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-044 0129-30	Barnum Hall Soft Fireproofing, Gray/Green, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 30% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-045 0129-31	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-046 0129-32	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-047 0129-33	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-048 0130-01	Language Bldg Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	15% <1 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-049 0130-02	Language Bldg Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-050 0130-03	Language Bldg HVAC Joint Compound, Gray, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-051 0130-04	Language Bldg HVAC Joint Compound, Gray, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-052 0130-05A	Language Bldg 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Polystyrene Foam Binder/Filler	35% 20% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-053 0130-05B	Language Bldg Glue, Brown, Non-homogeneous	LAYER 1 100%	Fibrous Talc Adhesive Binders/Filler	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-054 0130-06A	Language Bldg 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Polystyrene Foam Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-055 0130-06B	Language Bldg Mastic, Brown, Non-homogeneous	LAYER 1 100%	Fibrous Talc Adhesive Binders/Filler	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-056 0130-07A	Language Bldg 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Polystyrene Foam Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-057 0130-07B	Language Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Fibrous Talc Adhesive Binders/Filler	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-058 0130-08	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-059 0130-09	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-060 0130-10	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-061 0130-11	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-062 0130-12	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-063 0130-13	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830167-064 0130-14	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Gypsum 50% Quartz 35% Other Non-Fibrous Material 15%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1830167-065 0130-15	Language Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber 35% Fibrous Glass <1 Gypsum/Filler 65%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1830167-066 0130-16	Language Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber 35% Fibrous Glass <1 Gypsum/Filler 65%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1830167-067 0130-17	Language Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber 35% Fibrous Glass <1 Gypsum/Filler 65%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1830167-068 0130-18	Language Bldg Patch Mastic, Beige/Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber 5% Wollastonite <1 Bituminous Matrix 35% Other Non-Fibrous Material 60%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-069 0130-19	Language Bldg Patch Mastic, Beige/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Material	3% 2% 20% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-070 0130-20	Language Bldg Patch Mastic, Beige/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Material	3% 2% 20% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-071 0130-21	Language Bldg Roof Mastic, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-072 0130-22	Language Bldg Roof Mastic, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-073 0130-23	Language Bldg Roof Mastic, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Other Non-Fibrous Material	5% 50% 45%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-074 0130-24	Language Bldg 2x4 Fissured Ceiling Panel, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite	30% 20% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830167

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 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-075 0130-25	Language Bldg 2x4 Fissured Ceiling Panel, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	30% 20% 45% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-076 0130-26	Language Bldg 2x4 Fissured Ceiling Panel, White/Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	25% 15% 50% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-077 0130-H1	History Bldg LAYER 1 Smooth Plaster Walls - Skim Coat, Blue/White, Non-homogeneous	LAYER 1 25%	Calcium Carbonate Gypsum Quartz Binder/Filler	10% 45% 20% 25%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 75%	Gypsum Quartz Other Non-Fibrous Material	45% 40% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-078 0130-H2	History Bldg LAYER 1 Smooth Plaster Walls - Skim Coat, Blue/White, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Binder/Filler	10% 45% 20% 25%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	45% 40% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-079 0130-H3	History Bldg LAYER 1 Smooth Plaster Walls - Skim Coat, Blue/White, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Binder/Filler	10% 45% 20% 25%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	45% 40% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-080 0130-H4	History Bldg Smooth Plaster Walls, Blue/White/Beige, Non- homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	5% 50% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-081 0130-H5	History Bldg Smooth Plaster Walls, Blue/Beige, Non-homogeneous	LAYER 1 20%	Gypsum Quartz Other Non-Fibrous Material	55% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-082 0130-H6	History Bldg Smooth Plaster Walls, Blue/Beige, Non-homogeneous	LAYER 1 20%	Gypsum Quartz Other Non-Fibrous Material	55% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-083 0130-H7	History Bldg Smooth Plaster Walls, Blue/White/Beige, Non- homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	5% 50% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-084 0130-H8	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 35%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 65%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-085 0130-H9	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Yellow, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, White, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-086 0130-H10	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-087 0130-H11	History Bldg Rough Plaster Walls, White/Beige, Non-homogeneous	LAYER 1 100%	Gypsum Quartz Calcium Carbonate Other Non-Fibrous Material	45% 35% 10% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-088 0130-H12	History Bldg Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 45% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-089 0130-H13	History Bldg Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 45% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-090 0130-H14	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Yellow, Non-homogeneous	LAYER 1 35%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 65%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-091 0130-H15	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-092 0130-H16	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-093 0130-H17	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-094 0130-H18	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-095 0130-H19	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-096 0130-H20	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-097 0130-H21	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-098 0130-H22	History Bldg Gypsum Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	50% <1% <1% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-099 0130-H23	History Bldg Gypsum Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	50% <1% <1% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-100 0130-H24A	History Bldg 12" Random peghole ceiling tile, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-101 0130-H24B	History Bldg Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-102 0130-H25A	History Bldg 12" Random peghole ceiling tile, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-103 0130-H25B	History Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-104 0130-H26	History Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-105 0130-H27	History Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-106 0130-H28	History Bldg Button Board, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-107 0130-H29	History Bldg TSI Pipe Insulation, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	37% 55%	Amosite Chrysotile	6% 2%
Asbestos Present Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos:	8.0%
1830167-108 0130-H30	History Bldg TSI Pipe Insulation, White, Non-homogeneous	LAYER 1 100%	Binder/Filler	90%	Amosite Chrysotile	8% 2%
Asbestos Present Yes		Total % Non-Asbestos:		90.0%	Total %Asbestos:	10.0%
1830167-109 0130-H31	History Bldg TSI Pipe Insulation, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	37% 55%	Amosite Chrysotile	6% 2%
Asbestos Present Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos:	8.0%
1830167-110 0130-H32	History Bldg Roofing Debris, Brown/Gray, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-111 0130-H33	History Bldg Roofing Debris, Brown/Gray, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-112 0130-H34	History Bldg Roofing Debris, Brown/Gray, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-113 0130-H35	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non-homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-114 0130-H36	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non-homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-115 0130-H37	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non- homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-116 0130-H38	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Non-Fibrous Material	65% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-117 0130-H39	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Non-Fibrous Material	2% 63% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-118 0130-H40	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Non-Fibrous Material	2% 63% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-119 0130-H41	History Bldg Vibration Reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Signal Hill, CA 90755
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Tel: 562-206-2770
Fax: 562-206-2773

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba

Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830167

Date Received 02/02/2018
Date Analyzed 02/12/2018
Date Reported 02/12/2018

Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-120 0130-H42	History Bldg Vibration Reducer, Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-121 0130-H43	History Bldg Vibration Reducer, Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.

Analyst - Fred Chappellear

Approved Signatory Cristina E. Tabatt



CHAIN OF CUSTODY

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562-206-2773 Fax
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(Lab) Order No. **1830167**

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Cesar.Ruvalcaba@altaenv.com	3 Day <input type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone	562/ 495-5777	5 Day <input checked="" type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/ 495-5877	Special Instructions:		
Email				

PROJECT INFORMATION	
Project Name: <u>SAMOH1</u>	PO Number: _____
Project Number: <u>SMSD-18-7472</u>	Work Order No.: _____
Location: <u>Santa Monica CA</u>	Sampled By: <u>Jorge Robles</u>

PLM	PCM	MOLD	LEAD (Pb)
PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	NIOSH 7400A <input type="checkbox"/>	Spore Trap <input type="checkbox"/>	Air <input type="checkbox"/> TTLC <input type="checkbox"/>
PLM 400 Pt. Count (<0.25%) <input type="checkbox"/>	NIOSH 7400B <input type="checkbox"/>	Tape Lift <input type="checkbox"/>	Paint <input type="checkbox"/> STLC <input type="checkbox"/>
PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	w/ TWA <input type="checkbox"/>	Bulk Sample <input type="checkbox"/>	Wipe <input type="checkbox"/> TCLP <input type="checkbox"/>
			Soil <input type="checkbox"/>

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume
			Sampled	Stop Time	Flow Rate	(L)
0129-01	12" Fissured ceiling tile w/ mastic	Barnum Hall	1/29/18	-----		
-02	I			-----		
-03	ceiling tile mastic			-----		
-04	Duct Sealant			-----		
-05	I			-----		
-06	I			-----		
-07	stucco			-----		
-08	I			-----		
-09	I			-----		
-10	Smooth Plastic Wall			-----		

Relinquished By: <u>Jorge Robles</u>	Received By: <u>C. Tabatt</u>
Date/Time: <u>2/1/18 2200</u>	Date/Time: <u>02/02/18 8:00 am</u>

CHAIN OF CUSTODY

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Company:	Alta Environmental
Project Number:	SMSD-18-742A
Project Name:	SAMOH1

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
0129-11	Smooth Plaster wall	Barnum Hall	1/29/18			
-12	Rough Plaster wall					
-13	↓					
-14	White roof Coor					
-15	↓					
-16	↓					
-17	White penetration mastic					
-18	↓					
-19	↓					
-20	Gray Patch mastic					
-21	↓					
-22	↓					
-23	12" peghole ceiling tile w/ mastic					
-24	↓					
-25	↓					
-26	Light gray soft fireproofing					
-27	↓					
-28	↓					
-29	↓					
-30	↓					

Relinquished By: <i>Jorge Pe</i>	Received By: <i>dstall</i>
Date/Time: <i>2/1/18 2200</i>	Date/Time: <i>02/02/18, 8:00 am</i>

CHAIN OF CUSTODY

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Company: Alta Environmental

Project Number: _____

Project Name: _____

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
0129-31	Vibration reducer	Barnum Hall	1/29/18			
┆ -32	┆					
┆ -33	┆					
0130-01	Drywall	Language Bldg	1/30/18			
-02	┆					
-03	HVAC Joint compound					
-04	┆					
-05	12" Frissured Ceiling tile w/ glue					
-06	┆					
-07	┆					
-08	Acoustical Plaster ceiling					
-09	┆					
-10	┆					
-11	┆					
-12	┆					
-13	┆					
-14	┆					
-15	Button Board					
-16	┆					
-17	┆					

Relinquished By: <u>Jeff Oz</u>	Received By: <u>CS Tsbatt</u>
Date/Time: <u>2/1/18 2200</u>	Date/Time: <u>02/02/18 , 8:00 am</u>

CHAIN OF CUSTODY

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Company: Alta Environmental

Project Number: SMSD-18-7472

Project Name: SAMOHI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
0130-18	Gray Patch Mastic	Language Bldg	1/30/18			
-19						
-20						
-21	Root Mastic					
-22						
-23						
-24	2x4 Fissured ceiling panel					
-25						
-26						
0130-H1	Smooth Plaster walls	History Bldg				
-H2						
-H3						
-H4						
-H5						
-H6						
-H7						
-H8	Rough Plaster walls					
-H9						
-H10						
-H11						

Relinquished By: JG R **Received By:** C. T. Abbott

Date/Time: 2/1/18 2:00 **Date/Time:** 02/02/18, 8:00 am

CHAIN OF CUSTODY

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Company:	Alta Environmental
Project Number:	SMSD-18-7472
Project Name:	SAMOLTI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)	
0130-H12	Rough wall plaster	History Bldg	1/30/18				
-H13	↓						
-H14	↓						
-H15	Window Putty						
-H16	↓						
-H17	↓						
-H18	2x2' fissured ceiling panel						
-H19	↓						
-H20	2x4 fissured ceiling panel						
-H21	↓						
-H22	Gypsum Board						
-H23	↓						
-H24	12" random peghole ceiling tile w/ mastic						
-H25	↓						
-H26	Button Board						
-H27	↓						
-H28	↓						
-H29	TSI Pipe insulation						
-H30	↓						
-H31	↓						

Relinquished By: <i>Joe [Signature]</i>	Received By: <i>Dr Tebatt</i>
Date/Time: <i>2/1/18 2200</i>	Date/Time: <i>02/02/18, 8:00 am</i>

CHAIN OF CUSTODY

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Company:	Alta Environmental
Project Number:	SM30-18-7472
Project Name:	SAMOH1

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)					
0130-132	Roofing Debris	History Bldg	4/30/18								
-H33	↓										
-H34	↓										
-H35	White rolled on roof core										
-H36	↓										
-H37	↓										
-H38	white penetration mastic										
-H39	↓										
-H40	↓										
-H41	Vibration reducer										
-H42	↓										
-H43	↓										

Relinquished By: <i>Jeg CR</i>	Received By: <i>cr Tabbatt</i>
Date/Time: <i>2/1/18 2200</i>	Date/Time: <i>02/02/18, 8:00 am</i>



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Alta Environmental
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 Long Beach CA 90807
 Attn.: Greg Archung

Project Number SMSD-19-9289
Project Name SAMOHI
Location H127
PO Number
WO Number

Report Number 2039607

Date Received 04/21/2020
Date Analyzed 04/24/2020
Date Reported 04/24/2020

Date Sampled 04/03/2020
Sampled By Randolph Flores
Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-001 H1-1A	H127 Roof Core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix Binder/Filler	15% 10% 55% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-002 H1-1B	H127 Roof Core- Layered Felt/Tar, Black/ Brown, Non-homogeneous	LAYER 1 100%	Fibrous Glass Cellulose Fiber Bituminous Matrix/Filler	15% <1 85%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-003 H1-2A	H127 Roof Core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix Binder/Filler	15% 10% 60% 15%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-004 H1-2B	H127 Roof Core- Layered Felt, Black/ Brown, Non-homogeneous	LAYER 1 100%	Fibrous Glass Cellulose Fiber Bituminous Matrix/Filler	15% 5% 80%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-005 H1-3A	H127 Roof Core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix Binder/Filler	15% 10% 55% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Attn.: Greg Archung

Project Number SMSD-19-9289
Project Name SAMOHI
Location H127
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Report Number 2039607

Date Received 04/21/2020
Date Analyzed 04/24/2020
Date Reported 04/24/2020

Date Sampled 04/03/2020
Sampled By Randolph Flores
Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-006 H1-3B	H127 Roof Core- Layered Felt/Tar, Black/ Brown, Non-homogeneous	LAYER 1 100%	Fibrous Glass Cellulose Fiber Bituminous Matrix/Filler	15% <1 85%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-007 H1-4A	H127 Roof Shingle Core- 1, Gray/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	20% 40% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-008 H1-4B	H127 Roof Shingle Core- 2, Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 30% 60%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-009 H1-4C	H127 Roof Shingle Core- Felt, Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-010 H1-5A	H127 Roof Shingle Core- 1, Gray/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	20% 40% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-011 H1-5B	H127 Roof Shingle Core- 2, Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 30% 60%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-19-9289
Project Name SAMOHI
Location H127
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Date Received 04/21/2020
Date Analyzed 04/24/2020
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Date Sampled 04/03/2020
Sampled By Randolph Flores
Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-012 H1-5C	H127 Roof Shingle Core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-013 H1-6A	H127 Roof Shingle Core- 1, Gray/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	20% 40% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-014 H1-6B	H127 Roof Shingle Core- 2, Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 30% 60%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-015 H1-6C	H127 Roof Shingle Core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-016 H1-7	H127 Sealant, Gray, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-017 H1-8	H127 Sealant, Gray/Beige, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Date Received 04/21/2020
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Date Sampled 04/03/2020
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Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-018 H1-9	H127 Sealant, Gray, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039607-019 H1-10	H127 Window Putty, Beige/ White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039607-020 H1-11	H127 Window Putty, Beige/ White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039607-021 H1-12	H127 Window Putty, Beige/ White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039607-022 H1-13	H127 Ext Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	50% 30% 20%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039607-023 H1-14	H127 Ext Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	50% 30% 20%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-19-9289
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Date Received 04/21/2020
Date Analyzed 04/24/2020
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Date Sampled 04/03/2020
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Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-024 H1-15	H127 Ext Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 40% 15%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-025 H1-16	H127 Ext Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 40% 15%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-026 H1-17	H127 Ext Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 40% 15%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-027 H1-18	H127 Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-028 H1-19	H127 Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-029 H1-20	H127 Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-19-9289
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Location H127
PO Number
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Report Number 2039607

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Date Analyzed 04/24/2020
Date Reported 04/24/2020

Date Sampled 04/03/2020
Sampled By Randolph Flores
Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
2039607-030 H1-21A	H127 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 30% 70%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-031 H1-21B	H127 Mastic, Tan (White), Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-032 H1-22A	H127 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 30% 70%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-033 H1-22B	H127 Mastic, Tan (White), Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-034 H1-23A	H127 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 30% 70%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-035 H1-23B	H127 Mastic, Tan (White), Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Alta Environmental
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Attn.: Greg Archung
Report Number 2039607

Project Number SMSD-19-9289
Project Name SAMOHI
Location H127
PO Number
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Date Received 04/21/2020
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Date Sampled 04/03/2020
Sampled By Randolph Flores
Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-036 H1-24	H127 2"x4" Fissured Ceiling Tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-037 H1-25	H127 2"x4" Fissured Ceiling Tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-038 H1-26	H127 2"x4" Fissured Ceiling Tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-039 H1-27	H127 Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-040 H1-28	H127 Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-041 H1-29	H127 Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Alta Environmental
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Attn.: Greg Archung

Project Number SMSD-19-9289
Project Name SAMOHI
Location H127
PO Number
WO Number

Report Number 2039607

Date Received 04/21/2020
Date Analyzed 04/24/2020
Date Reported 04/24/2020

Date Sampled 04/03/2020
Sampled By Randolph Flores
Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-042 H1-30A	H127 12"x12" Floor Tile, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-043 H1-30B	H127 Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-044 H1-31A	H127 12"x12" Floor Tile, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-045 H1-31B	H127 Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-046 H1-32A	H127 12"x12" Floor Tile, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039607-047 H1-32B	H127 Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-048 H1-33A	H127 Wood Core Flooring- Top, Brown/Black, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-049 H1-33B	H127 Wood Core Flooring-Middle, Brown/Black, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-050 H1-33C	H127 Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-051 H1-33D	H127 Wood Core Flooring- Bottom, Brown/Black, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-052 H1-34A	H127 Wood Core Flooring- Top, Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-053 H1-34B	H127 Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	30% 70%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039607-054 H1-34C	H127 Wood Core Flooring- Bottom, Brown/Black, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Date Sampled 04/03/2020
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Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
2039607-055 H1-35A	H127 Wood Core Flooring- Top, Brown/Black, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix 95% 5%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-056 H1-35B	H127 Wood Core Flooring- Barrier Paper, Note: No barrier paper present	LAYER 1 100%		
2039607-057 H1-35C	H127 Wood Core Flooring- Bottom, Brown/Black, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix 95% 5%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-058 H1-36A	H127 12"x12" Floor Tile, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 60% 40%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-059 H1-36B	H127 Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-060 H1-37A	H127 12"x12" Floor Tile, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 60% 40%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039607-061 H1-37B	H127 Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Date Sampled 04/03/2020
Sampled By Randolph Flores
Total Samples 63

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-062 H1-38A	H127 12"x12" Floor Tile, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	

2039607-063 H1-38B	H127 Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported unless otherwise instructed.

CA-ELAP #2823

Cristina Tabatt
Analyst - Cristina Tabatt

Cristina Tabatt
Approved Signatory Cristina E. Tabatt





CHAIN OF CUSTODY

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(Lab) Order No. 2039607

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Greg Archung	3 Day <input checked="" type="checkbox"/>	Drop Off <input checked="" type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone	562/495-5777	5 Day <input type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell	562-936-8619	Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/495-5877	Special Instructions:		
Email	Greg.Archung@NNS.com			

PROJECT INFORMATION	
Project Name:	SAMOLI
Project Number:	SMSD-19-9289
Location:	H127
PO Number:	
Work Order No.:	
Sampled By:	Randolph Flores

PLM PLM EPA 600/M4-82-020 <input checked="" type="checkbox"/> PLM 400 Pt. Count (<0.25%) <input type="checkbox"/> PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	PCM NIOSH 7400A <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> w/ TWA <input type="checkbox"/>	MOLD Spore Trap <input type="checkbox"/> Tape Lift <input type="checkbox"/> Bulk Sample <input type="checkbox"/>	LEAD (Pb) Air <input type="checkbox"/> TTLC <input type="checkbox"/> Paint <input type="checkbox"/> Wipe <input type="checkbox"/> Soil <input type="checkbox"/>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
H1 = H-127						
H1-1	CAP SHEET ROOF CORE	H-127	4/3/20			
2	↓					
3	↓					
4	Roof Shingle Core					
5	↓					
6	↓					
7	White Sealant					
8	↓					
9	↓					
10	Window Putty					

Relinquished By: <u>Randolph Flores</u>	Received By: <u>Omme...</u>
Date/Time: <u>4-20-20 1800</u>	Date/Time: <u>4/21/20 0800</u>

CHAIN OF CUSTODY

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Company:	Alta Environmental
Project Number:	SM5D-19-928
Project Name:	SAMOH1

Analysis:

TAT:

(Lab) Order No. 2039607

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
H1-11	Window Putty	H127	4/3/20			
12	↓					
13	Ext Stucco					
14	↓					
15	↓					
16	↓					
17	↓					
18	Barrier Paper					
19	↓					
20	↓					
21	4" BLACK Cove Base w/TAN MASTIC					
22	↓					
23	↓					
24	2"X4" fissured Ceiling Tile					
25	↓					
26	↓					
27	Gray Duct Seglant					
28	↓					
29	↓					
30	12"X12" BLUE FLOOR TILE w/GLUE					

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 4-20-20 1800	Date/Time: 4/21/20 0800

CHAIN OF CUSTODY

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Company: Alfa Environmental
Project Number: SMSP-19-9289
Project Name: SAMO11

Analysis:
TAT:
(Lab) Order No. 2039607

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
H1-31	12x12 BLUE FLOOR TILE w/ GLUE	H127	4/3/20			
32	↓					
33	WOOD CORE BARRIER PAPEK FLOORING					
34	↓					
35	↓					
36	12x12 WHITE FLOOR TILE w/ GLUE					
37	↓					
38	↓					

Relinquished By: 4-20-20 <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 1800	Date/Time: 4/21/20 0800



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Alta Environmental
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Attn.: Greg Archung

Project Number SMSD-19-9289
Project Name SAMOHI
Location Gym Bldg.
PO Number
WO Number

Report Number 2039596

Date Received 04/20/2020
Date Analyzed 04/23/2020
Date Reported 04/23/2020

Date Sampled 04/01/2020
Sampled By Randolph Flores
Total Samples 90

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
2039596-001 GB-1	Drake Pool (Gym) Sealant, White/Lt. Gray, Non-homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-002 GB-2	Drake Pool (Gym) Sealant, White/Lt. Gray, Non-homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-003 GB-3	Drake Pool (Gym) Sealant, White/Lt. Gray, Non-homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-004 GB-4	Drake Pool Roof (Gym) Sealant, Gray/White, Non-homogeneous	LAYER 1 100%	Mica Silicone-like material Binder/Filler <1% 95% 5%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-005 GB-5	Drake Pool Roof (Gym) Sealant, Gray/White, Non-homogeneous	LAYER 1 100%	Mica Silicone-like material Binder/Filler <1% 95% 5%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-006 GB-6	Drake Pool Roof (Gym) Sealant, White, Homogeneous	LAYER 1 100%	Silicone-like material 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Report Number 2039596

Date Received 04/20/2020

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Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-19-9289

Project Name SAMOHI

Location Gym Bldg.

PO Number

WO Number

Date Sampled 04/01/2020

Sampled By Randolph Flores

Total Samples 90

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-007 GB-7	Drake Pool Roof (Gym) Capsheet Roof Parapet, White/Cream/Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Matrix	2% 20% 25%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-008 GB-8	Drake Pool Roof (Gym) Capsheet Roof Parapet, White/Cream/Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Matrix	2% 20% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-009 GB-9	Drake Pool Roof (Gym) Capsheet Roof Parapet, White/Cream/Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Fibrous Glass Cellulose Fiber Bituminous Matrix Binder/Filler	8% <1 2% 50% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-010 GB-10	Drake Pool Roof (Gym) 2'x4' Walk Pad Roofing, Gray/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Quartz/Gravel Bituminous Matrix/Filler	20% 20% 60%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-011 GB-11	Drake Pool Roof (Gym) 2'x4' Walk Pad Roofing, Gray/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Quartz/Gravel Bituminous Matrix	20% 15% 65%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Location Gym Bldg.
PO Number
WO Number

Report Number 2039596

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Sampled By Randolph Flores
Total Samples 90

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-012 GB-12	Drake Pool Roof (Gym) 2'x4' Walk Pad Roofing, Gray/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Quartz/Gravel Bituminous Matrix	35% 10% 55%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-013 GB-13	Drake Pool Interior (Gym) Smooth Plaster Columns, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	30% 25% 45%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-014 GB-14	Drake Pool Interior (Gym) Smooth Plaster Columns, Beige/ White, Non-homogeneous	LAYER 1 100%	Vermiculite Gypsum/Binder/Filler	25% 75%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-015 GB-15	Drake Pool Interior (Gym) Smooth Plaster Columns, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Vermiculite Calcium Carbonate Gypsum/Binder/Filler	20% 5% 30% 45%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-016 GB-16A	Drake Pool Interior (Gym) Round Cement Brick (4"), Brown/Black, Non-homogeneous	LAYER 1 100%	Quartz Perlite Calcium Carbonate Binder/Filler	5% 40% 45% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Date Analyzed 04/23/2020

Date Reported 04/23/2020

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 Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-19-9289

Project Name SAMOHI

Location Gym Bldg.

PO Number

WO Number

Date Sampled 04/01/2020

Sampled By Randolph Flores

Total Samples 90

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-017 GB-16B	Drake Pool Interior (Gym) Mastic, Tan, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-018 GB-17A	Drake Pool Interior (Gym) Round Cement Brick (4"), Brown/Black, Non-homogeneous	LAYER 1 100%	Quartz Perlite Calcium Carbonate Binder/Filler	5% 40% 45% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-019 GB-17B	Drake Pool Interior (Gym) Mastic, Tan, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-020 GB-18A	Drake Pool Interior (Gym) Round Cement Brick (4"), Brown/Black, Non-homogeneous	LAYER 1 100%	Quartz Perlite Calcium Carbonate Binder/Filler	5% 40% 45% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-021 GB-18B	Drake Pool Interior (Gym) Mastic, Tan, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Report Number 2039596

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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-022 GB-19	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039596-023 GB-20	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039596-024 GB-21	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039596-025 GB-22	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039596-026 GB-23	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-027 GB-24	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039596-028 GB-25	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039596-029 GB-26	Boys & Girls Locker Room Epoxy Flooring, Turquoise, Homogeneous	LAYER 1 100%	Quartz Organic Binders	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039596-030 GB-27	Boys & Girls Locker Room Epoxy Flooring, Turquoise, Homogeneous	LAYER 1 100%	Quartz Organic Binders	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039596-031 GB-28	Boys & Girls Locker Room Epoxy Flooring, Turquoise, Homogeneous	LAYER 1 100%	Quartz Organic Binders	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-032 GB-29	Boys & Girls Locker Room Epoxy Flooring, Turquoise, Homogeneous	LAYER 1 100%	Quartz Organic Binders	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-033 GB-30	Boys & Girls Locker Room Epoxy Flooring, Turquoise, Homogeneous	LAYER 1 100%	Quartz Organic Binders	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-034 GB-31A	South Gym 12"x F.T.- Top, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-035 GB-31B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-036 GB-31C	South Gym 12"x F.T.- Bottom, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%
Asbestos Present: Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos: 8.0%	
2039596-037 GB-31D	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-038 GB-32A	South Gym 12"x F.T.- Top, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-039 GB-32B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-040 GB-32C	South Gym 12"x F.T.- Bottom, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%
Asbestos Present: Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos: 8.0%	
2039596-041 GB-32D	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-042 GB-33A	South Gym 12"x F.T.- Top, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-043 GB-33B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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2039596-044 GB-33C	South Gym 12"x F.T.- Bottom, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%
Asbestos Present: Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos: 8.0%	
2039596-045 GB-33D	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-046 GB-34A	South Gym 12"x F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-047 GB-34B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-048 GB-35A	South Gym 12"x F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-049 GB-35B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-050 GB-36A	South Gym 12"x F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-051 GB-36B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-052 GB-37A	South Gym 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 60%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-053 GB-37B	South Gym Mastic, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-054 GB-38A	South Gym 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 60%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-055 GB-38B	South Gym Mastic, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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2039596-056 GB-39A	South Gym 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 60%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-057 GB-39B	South Gym Mastic, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-058 GB-40	South Gym Carpet Glue w/ Mastic, Yellow/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Organic Binders	5% 40% 55%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-059 GB-41	Gym South Carpet Glue w/ Mastic, Yellow/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Matrix Organic Binders	<1% <1% 20% 80%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-060 GB-42	South Gym Carpet Glue w/ Mastic, Yellow/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Organic Binders	5% 40% 55%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-061 GB-43A	South Gym HVAC Gasket, Black, Homogeneous	LAYER 1 100%	Foam-like material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
2039596-062 GB-43B	South Gym Glue, Colorless, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-063 GB-44A	South Gym HVAC Gasket, Black, Homogeneous	LAYER 1 100%	Foam-like material 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-064 GB-44B	South Gym Glue, Colorless, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-065 GB-45A	South Gym HVAC Gasket, Black, Homogeneous	LAYER 1 100%	Foam-like material 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-066 GB-45B	South Gym Glue, Colorless, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
2039596-067 GB-46A	South Gym HVAC Duct Insulation, Yellow, Homogeneous	LAYER 1 100%	Mineral Wool 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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2039596-068 GB-46B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-069 GB-47A	South Gym HVAC Duct Insulation, Yellow, Homogeneous	LAYER 1 100%	Mineral Wool	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-070 GB-47B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-071 GB-48A	South Gym HVAC Duct Insulation, Yellow, Homogeneous	LAYER 1 100%	Mineral Wool	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-072 GB-48B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-073 GB-49	South Gym Vibration Reducer, Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	25% 75%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-074 GB-50	South Gym Vibration Reducer, Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	25% 75%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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2039596-075 GB-51	South Gym Vibration Reducer, Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	25% 75%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-076 GB-52A	South Gym Press Board w/ Straight Holes, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-077 GB-52B	South Gym (Sheetrock), Pink/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	5% <1 5% 90%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-078 GB-53A	South Gym Press Board w/ Straight Holes, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-079 GB-53B	South Gym (Sheetrock), Pink/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	15% <1 10% 75%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-080 GB-54A	South Gym Press Board w/ Straight Holes, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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2039596-081 GB-54B	South Gym (Sheetrock), Pink/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	5% <1 5% 90%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-082 GB-55A	Dance Room Floor (Gym) Wood Core Flooring- Top, Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-083 GB-55B	Dance Room Floor (Gym) Wood Core Flooring- Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-084 GB-55C	Dance Room Floor (Gym) Wood Core Flooring- Bottom, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-085 GB-56A	Dance Room Floor (Gym) Wood Core Flooring- Top, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-086 GB-56B	Dance Room Floor (Gym) Wood Core Flooring- Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



1508 East 33rd Street
Signal Hill, CA 90755
Toll: 888-207-2022
Tel: 562-206-2770
Fax: 562-206-2773

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Greg Archung

Project Number SMSD-19-9289
Project Name SAMOHI
Location Gym Bldg.
PO Number
WO Number

Report Number 2039596

Date Received 04/20/2020
Date Analyzed 04/23/2020
Date Reported 04/23/2020

Date Sampled 04/01/2020
Sampled By Randolph Flores
Total Samples 90

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-087 GB-56C	Dance Room Floor (Gym) Wood Core Flooring- Bottom, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-088 GB-57A	Dance Room Floor (Gym) Wood Core Flooring- Top, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-089 GB-57B	Dance Room Floor (Gym) Wood Core Flooring- Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
2039596-090 GB-57C	Dance Room Floor (Gym) Wood Core Flooring- Bottom, Black/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	95% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported unless otherwise instructed.

CA-ELAP #2823

Cristina Tabatt
Analyst - Cristina Tabatt

Cristina Tabatt
Approved Signatory Cristina E. Tabatt





CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com

(Lab) Order No. 2039596

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Greg Archung	3 Day <input checked="" type="checkbox"/>	Drop Off <input checked="" type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone	562/495-5777	5 Day <input type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell	562-936-8619	Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/495-5877	Special Instructions:		
Email	Greg.Archung@NVS.com			

PROJECT INFORMATION	
Project Name:	SAMOH
Project Number:	SMSP-19-9289
Location:	Gym Bldg.
PO Number:	
Work Order No.:	
Sampled By:	Randolph Flores

PLM PLM EPA 600/M4-82-020 <input checked="" type="checkbox"/> PLM 400 Pt. Count (<0.25%) <input type="checkbox"/> PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	PCM NIOSH 7400A <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> w/ TWA <input type="checkbox"/>	MOLD Spore Trap <input type="checkbox"/> Tape Lift <input type="checkbox"/> Bulk Sample <input type="checkbox"/>	LEAD (Pb) Air <input type="checkbox"/> TTLC <input type="checkbox"/> Paint <input type="checkbox"/> Wipe <input type="checkbox"/> Soil <input type="checkbox"/>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume
			Sampled	Stop Time	Flow Rate	(L)
GB-1	White Sealant	Drake Pool Roof (Gym)	4/1/20			
2						
3						
4	White & L. Gray Sealant	Drake Pool Roof (Gym)				
5						
6						
7	Cap Sheet Roof Parapet					
8						
9						
10	2x4 WALK PAD ROOFING					

Relinquished By: Randy Flores	Received By: [Signature]
Date/Time: 4/20-20 0930	Date/Time: 4/20/20 9:30

CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com



Company: Alta Environmental

Project Number: SMSP-19-9289

Project Name: SAMOU

Analysis:

TAT:

(Lab) Order No. 2039596

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
GB-11	2x4 WALK PAD ROOFING	Drake Pool Roof (Gym)	4/1/20				
12	↓	↓					
13	Smooth Plaster Columns	Drake Pool Interior (Gym)					
14	↓	↓					
15	↓	↓					
16	Round Cement Brick w/MASTIC (4")	Drake Pool Interior (Gym)					
17	↓	↓					
18	↓	↓					
19	Red/Pink Non Skid flooring	Drake Pool Int. (Gym)					
20	↓	↓					
21	↓	↓					
22	↓	↓					
23	↓	↓					
24	↓	↓					
25	↓	↓					
26	Turquoise Epoxy flooring	Boys & Girl locker Room					
27	↓	↓					
28	↓	↓					
29	↓	↓					
30	↓	↓					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>4-20-20 0930</u>	Date/Time: <u>4/20/20 9:30</u>

CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
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services@AQenvlabs.com



Company:	Alta Environmental
Project Number:	SMSP-19-9289
Project Name:	SAMOH1

Analysis:

TAT:

(Lab) Order No.	2039596
-----------------	---------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
GB-31	12" BLUE F.T. ON 12" Gray w/BLACK MASTIC	South Gym	4/2/20				
32							
33							
34	12" X 12" BLUE F.T. w/BLACK M.						
35							
36							
37	4" BLACK COVE BASE w/WHITE MASTIC						
38							
39							
40	CARPET GLUE Yellow w/BR. MASTIC						
41							
42							
43	BLACK HVAC GASKET w/GLUE						
44							
45							
46	HVAC DUCT INS. w/MASTIC						
47							
48							
49	Vibration Reducer						
50							

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 4-20-20 0930	Date/Time: 4/20/20 9:30

CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
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services@AQenvlabs.com



Company: Alta Environmental
Project Number: SMSD-19-9289
Project Name: SAMOHI

Analysis:

TAT:
(Lab) Order No. 2039596

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
GB-51	Vibration Reducer	Gym ^{South}	4/2/20			
52	Press Board w/straight Holes					
53						
54						
GB-55	WOOD CORE w/Barrier Paper Flooring	Dance Room Floor (Gym)	4/2/20			
56						
57						

Relinquished By: [Signature] Date/Time: 4-20-20 0930
Received By: [Signature] Date/Time: 4/20/20 9:30

Appendix C

Field Bulk Sample List: Lead

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

Cafeteria Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Air vent	RF-PC-1	Metal	Off-white	Center of vent	Roof vents/ HVAC units	1,800	Yes	40 SF
Conduit	RF-PC-2	Metal	Off-white	North west of roof	Throughout roof	100	Yes	120 LF
Exterior wall	RF-PC-3	Stucco	Off-white	Northeast of building	Exterior walls in sections	580	No	N/A
Roof	RF-PC-4	Capsheet	Off-white	Northeast of building	Painted roof	<50	No	N/A
Exterior wall	RF-PC-5	Cement brick	Off-white	North wall on the east side	Exterior walls in sections	<47	No	N/A
Support beam	RF-PC-6	Metal	Blue	East of building	Arcade support beams	350	No	N/A
Exterior wall	RF-PC-7	Stucco	Off-white	East side	Exterior walls in sections	500	No	N/A
Arcade ceiling	RF-PC-8	Metal	Off-white	South side	Exterior walls in sections	<50	No	N/A
Interior wall	RF-PC-9	Plaster	Blue	East side	Dining area walls	<50	No	N/A
Window frame	RF-PC-10	Wood	Off-white	West side	West wind bay of student dining	1,700	No	N/A
Bulletin board	RF-PC-11	Metal	Blue	East side	Northeast of building	68	No	N/A
Bulletin board frame	RF-PC-12	Wood	Blue	East side	Northeast of building	2,000	No	N/A
I beam	RF-PC-13	Metal	Green	Above ceiling center	Above ceiling	18,000	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym/ Drake Pool Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Conduit	RF-PC-14	Metal	Off-white	Basement above ceiling	Piping above ceiling	1,300	No	N/A
Louvers	RF-PC-15	Metal	Off-white	Center of roof	Louvers, fans, and vents on roof	<47	No	N/A
Cement wall	RF-PC-16	Concrete	Off-white	Southwest	Drake pool exterior	950	No	N/A
Interior wall	RF-PC-17	Concrete	Off-white	Room 102	Interior paint perimeter walls	<48	No	N/A
Parapet wall	RF-PC-18	Roofing	Off-white	Northeast	parapet and skylight on roof	<49	No	N/A
Exterior walls	RF-PC-19	Concrete	Off-white	Northeast	Drake pool exterior walls	110	No	N/A
Interior walls	RF-PC-20	Concrete	Off-white	Room SF200 west	Interior perimeter walls south gym	120	No	N/A
Door	RF-PC-21	Metal	Blue	Girl's PE office northeast door	Doors interior gym	48	No	N/A
Interior wall	RF-PC-22	Concrete	Off-white	Southwest	Interior paint drank pool	500	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

H127 Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Flashing	RF-PC-23	Metal	White	Northeast	Roof	110	No	N/A
Door frame	RF-PC-24	Metal	Blue	Southeast	Doors	<48	No	N/A
Wall	RF-PC-25	Drywall	White	South center kitchen	Throughout building interior walls	56	No	N/A
Exterior windowsill	RF-PC-26	Wood	White	East side	Windowsills	27,000	No	N/A
Exterior wall	RF-PC-27	Stucco	White	Southwest corner	Exterior walls of building	<48	No	N/A
Door	RF-PC-28	Metal	Cream	Center	HVAC closet door	49	No	N/A
Wall	RF-PC-29	Drywall	Off-white	West center	Throughout interior of building	50	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-19-9289
PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

History Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Ceiling	PC-1	Plaster	Green	David bowie kiln room on ceiling	David bowie kiln room	790	Yes	30 SF
Flashing	PC-2	Metal	White	Roof, north center	Roof	110	No	N/A
Circle air vents	PC-3	Metal	White	Circle air vent, roof	Roof	9,000	No	N/A
Door frame	PC-4	Metal	Yellow	Door frame, H117A	H117A	150	No	N/A
Window frame	PC-5	Metal	Beige	Exterior window by H100	Exterior metal windows	690	No	N/A
Door frame	PC-6	Metal	White	Room H116	All classroom metal doors	920	No	N/A
Window frame	PC-7	Wood	White	Room H20	On interior wood window frames	9,100	No	N/A
Wall	PC-8	Stucco	Beige	Exterior, west center	Exterior walls	100	No	N/A
Metal case	PC-9	Metal	Red	1st floor hallway	All fire extinguisher cases	4,000	No	N/A
Door frame	PC-10	Metal	Light blue	Room H115	Interior metal doors	130	No	N/A
Door	PC-11	Metal	Dark blue	Hallway south entrance, 1st floor entrances	All exterior door	110	No	N/A
Door frame	PC-12	Wood	Light blue	Hallway entrance 1st floor	Hallway entrances	93	No	N/A
Window frame	PC-13	Metal	White	Room H116, interior side of window	All interior metal windows	950	No	N/A
Plaster wall	PC-14	Plaster	Yellow	Room H117A, west	Room H117A	130	Yes	10 SF
Window frame	PC-15	Wood	Beige	Exterior window, west	All exterior wood window frames	43,000	No	N/A
Handrail	PC-16	Metal	Dark blue	Stairway handrail west stairs	All handrails on stairways	4,300	No	N/A
Lockers	PC-17	Metal	Beige	2nd floor hallway, west center	2nd floor hallway	2,700	No	N/A

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Inspection Date: 03/31/20
 Report Date: 5/4/2020
 Abatement Level: 0.8
 Report No. S#01184 - 03/31/20 12:30
 Total Readings: 48
 Job Started: 03/31/20 12:30
 Job Finished: 04/17/20 13:41

Read No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Paint Color	Lead (mg/cm ²)	Mode
Exterior Room 002 Hist Bldg									
028	C	Window	Ctr	Sash	D	Wood	Tan	0.8	QM
027	C	Window	Ctr		D	Wood	Tan	4.1	QM
Interior Room 001 Cafe Bldg									
008	A	Wall	L Ctr		I	Ceramic	White	0.0	QM
009	A	Wall	L Ctr		I	Ceramic	Gray	-0.2	QM
010	A	Floor			I	Ceramic	Gray	-0.2	QM
006	A	Sink	Ctr		I	Ceramic	White	-0.2	QM
005	B	Wall	L Ctr		I	Ceramic	Gray	0.0	QM
013	D	Window Frame	Ctr	Rgt	I	Metal	White	0.0	QM
007	D	Sink	Ctr		I	Ceramic	White	-0.2	QM
011	D	Wall Fountain	Ctr		I	Ceramic	White	0.2	QM
012	D	Window Seal	Ctr		I	Wood	White	-0.1	QM
Interior Room 002 Hist Bldg									
023	A	Wall	L Ctr		I	Ceramic	Off-white	-0.1	QM
024	A	Floor			I	Ceramic	Tan	-0.2	QM
014	B	Wall	L Ctr		I	Ceramic	Gray	0.0	QM
015	B	Wall	L Ctr		I	Ceramic	Gray	-0.2	QM
016	B	Floor Sink	Ctr		I	Ceramic	White	-0.3	QM
017	B	Wall Fountain	Ctr		I	Ceramic	White	0.0	QM
025	C	Window	Ctr	Sash	I	Wood	White	1.6	QM
026	C	Window	Ctr	Lft casing	I	Wood	White	-0.1	QM
018	D	Wall	L Ctr		I	Ceramic	Off-white	0.0	QM
019	D	Wall	L Ctr		I	Ceramic	Tan	-0.2	QM
020	D	Window	Ctr	Lft casing	I	Metal	White	-0.1	QM
021	D	Locker	Ctr		I	Metal	Tan	-0.1	QM
022	D	Locker Frame	Ctr		I	Metal	Blue	0.8	QM
Interior Room 003 Gym Bldg									
032	A	Wall	L Ctr		I	Ceramic	Off-white	-0.2	QM
036	A	Wall	L Ctr		I	Ceramic	White	-0.1	QM
030	A	Floor			I	Ceramic	Tan	-0.2	QM
031	A	Floor			I	Ceramic	White	-0.1	QM
037	A	Floor			I	Ceramic	Tan	-0.3	QM
038	A	Floor			I	Wood	Varnish	-0.1	QM
033	A	Lockers	Ctr		I	Metal	Off-white	0.0	QM
034	A	Lockers	Ctr		I	Metal	Off-white	-0.1	QM
035	A	Water Fountain	Ctr		I	Ceramic	Off-white	8.4	QM
029	D	Wall	L Ctr		I	Ceramic	Off-white	-0.2	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Inspection Date: 03/31/20
 Report Date: 5/4/2020
 Abatement Level: 0.8
 Report No. S#01184 - 03/31/20 12:30
 Total Readings: 48
 Job Started: 03/31/20 12:30
 Job Finished: 04/17/20 13:41

Interior Room 004 Drake Pool

039	A	Wall	L Ctr	I	Ceramic	Off-white	-0.2	QM
042	A	Wall	L Ctr	I	Ceramic	Pink	-0.1	QM
040	A	Floor		I	Ceramic	Tan	-0.3	QM
043	A	Hand railing	Ctr Railing	I	Metal	Gray	0.0	QM
041	A	Pool Markers	Ctr	I	Ceramic	Blue	0.8	QM
044	A	Bleachers	Ctr	I	Wood	Blue	-0.1	QM

Calibration Readings

001							1.1	TC
002							0.8	QM
003							0.7	TC
004							1.3	TC
045							0.1	QM
046							1.4	QM
047							1.2	TC
048							0.9	TC

----- End of Readings -----

Appendix D

Laboratory Analytical: Lead



1508 East 33rd Street
 Signal Hill, CA 90755
 Tel (562) 206-2770
 Fax (562) 206-2773

Alta Environmental
3777 Long Beach Boulevard
Long Beach, CA 90807
 Attn: Greg Archung

Project Number: SMSD-19-9289
Project Name: SAMOHI
Location: Santa Monica

Report Number: 2039393

Date Received: 3/27/2020
 Date Analyzed: 4/1/2020
 Date Reported: 4/1/2020

Date Sampled: 3/25/2020
 Sampled By: Jorge Robles
 Total Samples: 17

Analytical Method: EPA 7420/3050
Reporting Limit: 5.0 µg

Lead (Pb) in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
2039393-001 PC-1	Paint Chip- History Bldg	0.1074	790
2039393-002 PC-2	Paint Chip- History Bldg	0.1070	110
2039393-003 PC-3	Paint Chip- History Bldg	0.1050	9000
2039393-004 PC-4	Paint Chip- History Bldg	0.1071	150
2039393-005 PC-5	Paint Chip- History Bldg	0.1092	690
2039393-006 PC-6	Paint Chip- History Bldg	0.1067	920
2039393-007 PC-7	Paint Chip- History Bldg	0.1056	9100
2039393-008 PC-8	Paint Chip- History Bldg	0.1003	100
2039393-009 PC-9	Paint Chip- History Bldg	0.1029	4000
2039393-010 PC-10	Paint Chip- History Bldg	0.1051	130
2039393-011 PC-11	Paint Chip- History Bldg	0.1017	110
2039393-012 PC-12	Paint Chip- History Bldg	0.1049	93



1508 East 33rd Street
 Signal Hill, CA 90755
 Tel (562) 206-2770
 Fax (562) 206-2773

Report Number: 2039393

Alta Environmental
3777 Long Beach Boulevard
Long Beach, CA 90807
 Attn: Greg Archung

Project Number: SMSD-19-9289
Project Name: SAMOHI
Location: Santa Monica

Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
2039393-013 PC-13	Paint Chip- History Bldg	0.1057	950
2039393-014 PC-14	Paint Chip- History Bldg	0.1006	130
2039393-015 PC-15	Paint Chip- History Bldg	0.1046	43000
2039393-016 PC-16	Paint Chip- History Bldg	0.1053	4300
2039393-017 PC-17	Paint Chip- History Bldg	0.1013	2700

Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. This report shall not be reproduced without the written approval of this laboratory. The client shall be solely responsible for interpreting analytical results. Samples have not been blank corrected. Samples shall be disposed according to local, state and federal laws, 30 days after reporting results.

CA ELAP Cert #2823


 Approved Signatory- Cristina E. Tabatt



CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com

(Lab) Order No. PLM: 2039392 / Pb: 2039393

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Greg Archung	3 Day <input checked="" type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone		5 Day <input type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax		Special Instructions:		
Email	greg.archung@AUS.com			

PROJECT INFORMATION	
Project Name: SAMOHI, HISTORY Bldg	PO Number: _____
Project Number: SMD-19-9287	Work Order No.: _____
Location: Santa Monica	Sampled By: Jorge Robles

PLM PLM EPA 600/M4-82-020 <input checked="" type="checkbox"/> PLM 400 Pt. Count (<0.25%) <input type="checkbox"/> PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	PCM NIOSH 7400A <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> w/ TWA <input type="checkbox"/>	MOLD Spore Trap <input type="checkbox"/> Tape Lift <input type="checkbox"/> Bulk Sample <input type="checkbox"/>	LEAD (Pb) Air <input type="checkbox"/> TTLC <input type="checkbox"/> Paint <input checked="" type="checkbox"/> Wipe <input type="checkbox"/> Soil <input type="checkbox"/>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume (L)
			Sampled	Stop Time	Flow Rate	
HB-01	wood core w/ brown barrier paper	History Bldg	3/25/20	-----		
-02				-----		
-03				-----		
-04				-----		
-05	black mastic under floor tile			-----		
-06				-----		
-07				-----		
-08	Exterior vent caulking			-----		
-09				-----		
-10				-----		

Relinquished By: Jge [Signature]	Received By: [Signature]
Date/Time: 3/27/20 12:40	Date/Time: 3/27/20, 12:40

CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com



Company: Alta Environmental

Project Number: SMSD-19-9289

Project Name: SAMOH1

Analysis:

TAT:

(Lab) Order No. PLM: 2039392 / Pb: 2039393

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
H13-11	Exterior Non-Skid Flooring	1st story Bldg	3/25/20	-----		
-12	↓	↓	↓	-----		
-13	↓	↓	↓	-----		
-14	HVAC DUCT sealant	↓	↓	-----		
-15	↓	↓	↓	-----		
-16	↓	↓	↓	-----		
-17	Shed roofing	↓	↓	-----		
-18	↓	↓	↓	-----		
-19	↓	↓	↓	-----		
-20	Exterior window caulking	↓	↓	-----		
-21	↓	↓	↓	-----		
-22	↓	↓	↓	-----		
-23	Kiln rough plaster	↓	↓	-----		
-24	↓	↓	↓	-----		
-25	↓	↓	↓	-----		
-26	Kiln brick	↓	↓	-----		
-27	↓	↓	↓	-----		
-28	↓	↓	↓	-----		
-29	Kiln insulation	↓	↓	-----		
-30	↓	↓	↓	-----		

Relinquished By: <u>Joe [Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>3/27/20 12:40</u>	Date/Time: <u>3/27/20, 12:40</u>

CHAIN OF CUSTODY

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Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com



Company:	Alta Environmental
Project Number:	SMSD-19-9289
Project Name:	SIA MOHI

Analysis:

TAT:

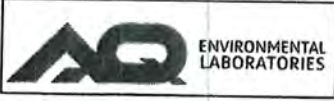
(Lab) Order No. PLM: 2039392 / PL: 2039393

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
HB-31	Ki/n Insulation	History Bldg	3/27/20			
-32	shed caulking					
-33	↓					
-34	↓					
-35	Dark blue floor tile w/ adhesive					
-36	↓					
-37	↓					
-38	wallboard yellow/mastic black					
-39	↓					
-40	↓					
-41	Root sealant					
-42	↓					
-43	↓					
PC-1	Paint Chip					
-2	↓					
-3	↓					
-4	↓					
-5	↓					
-6	↓					
-7	↓					

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 3/27/20 12:40	Date/Time: 3/27/20, 12:40

CHAIN OF CUSTODY

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Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
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Company: Alta Environmental
Project Number: SMUSD-19-9289
Project Name: SHMOH1

Analysis:

TAT:

(Lab) Order No. ^{PLM:} 2039392 / ^{Pb:} 2039393

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
PC-8	Paint chip	History Bldg	3/25/20			
-9						
-10						
-11						
-12						
-13						
-14						
-15						
-16						
-17						

Relinquished By: *JG Ch* Received By: *A. Aludt*
 Date/Time: *3/27/20 12:40* Date/Time: *3/27/20, 12:40*



1508 East 33rd Street
 Signal Hill, CA 90755
 Tel (562) 206-2770
 Fax (562) 206-2773

Alta Environmental
3777 Long Beach Boulevard
Long Beach, CA 90807
 Attention: Greg Archung

Project Number: SMSD-19-9289
Project Name: SAMOHI
Location: Cafeteria, Gym & H127

Report Number: 2039632

Date Received: 4/22/2020
 Date Analyzed: 4/27/2020
 Date Reported: 4/27/2020

Date Sampled: 4/3/2020
 Sampled By: Randy Flores
 Total Samples: 29

Analytical Method: EPA 7420/3050
Reporting Limit: 5.0 µg

Lead (Pb) in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
2039632-001 RF-PC-1	Paint Chip- Cafeteria	0.1053	1800
2039632-002 RF-PC-2	Paint Chip- Cafeteria	0.1070	100
2039632-003 RF-PC-3	Paint Chip- Cafeteria	0.1032	580
2039632-004 RF-PC-4	Paint Chip- Cafeteria	0.1003	< 50
2039632-005 RF-PC-5	Paint Chip- Cafeteria	0.1063	< 47
2039632-006 RF-PC-6	Paint Chip- Cafeteria	0.1001	350
2039632-007 RF-PC-7	Paint Chip- Cafeteria	0.1021	500
2039632-008 RF-PC-8	Paint Chip- Cafeteria	0.1002	< 50
2039632-009 RF-PC-9	Paint Chip- Cafeteria	0.1006	< 50
2039632-010 RF-PC-10	Paint Chip- Cafeteria	0.1034	1700
2039632-011 RF-PC-11	Paint Chip- Cafeteria	0.1023	68
2039632-012 RF-PC-12	Paint Chip- Cafeteria	0.1032	2000



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 Signal Hill, CA 90755
 Tel (562) 206-2770
 Fax (562) 206-2773

Report Number: 2039632

Alta Environmental
3777 Long Beach Boulevard
Long Beach, CA 90807
 Attention: Greg Archung

Project Number: SMSD-19-9289
Project Name: SAMOHI
Location: Cafeteria, Gym & H127

Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
2039632-013 RF-PC-13	Paint Chip- Cafeteria	0.1029	18000
2039632-014 RF-PC-14	Paint Chip- South Gym/Drake Pool	0.1008	1300
2039632-015 RF-PC-15	Paint Chip- South Gym/Drake Pool	0.1053	< 47
2039632-016 RF-PC-16	Paint Chip- South Gym/Drake Pool	0.1084	950
2039632-017 RF-PC-17	Paint Chip- South Gym/Drake Pool	0.1033	< 48
2039632-018 RF-PC-18	Paint Chip- South Gym/Drake Pool	0.1018	< 49
2039632-019 RF-PC-19	Paint Chip- South Gym/Drake Pool	0.1082	110
2039632-020 RF-PC-20	Paint Chip- South Gym/Drake Pool	0.1047	120
2039632-021 RF-PC-21	Paint Chip- South Gym/Drake Pool	0.1033	48
2039632-022 RF-PC-22	Paint Chip- South Gym/Drake Pool	0.1065	500
2039632-023 RF-PC-23	Paint Chip- H127	0.1026	110
2039632-024 RF-PC-24	Paint Chip- H127	0.1035	< 48
2039632-025 RF-PC-25	Paint Chip- H127	0.1024	56
2039632-026 RF-PC-26	Paint Chip- H127	0.1060	27000
2039632-027 RF-PC-27	Paint Chip- H127	0.1038	< 48
2039632-028 RF-PC-28	Paint Chip- H127	0.1025	49
2039632-029 RF-PC-29	Paint Chip- H127	0.1006	50

Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. This report shall not be reproduced without the written approval of this laboratory. The client shall be solely responsible for interpreting analytical results. Samples have not been blank corrected. Samples shall be disposed according to local, state and federal laws, 30 days after reporting results.

CA ELAP Cert #2823

Approved Signatory- Cristina E. Tabatt



CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com

(Lab) Order No. 2039632

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	<u>Greg Archung</u>	3 Day <input checked="" type="checkbox"/>	Drop Off <input checked="" type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone	562/ 495-5777	5 Day <input type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell	<u>562 936 8619</u>	Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/ 495-5877	Special Instructions:		
Email	<u>Greg.Archung@NVS</u>			

PROJECT INFORMATION	
Project Name: <u>SAMOH1</u>	PO Number: _____
Project Number: <u>SM50-19-9289</u>	Work Order No.: _____
Location: <u>Cafeteria, Gym E H127</u>	Sampled By: <u>Randy Flores</u>

PLM PLM EPA 600/M4-82-020 <input type="checkbox"/> PLM 400 Pt. Count (<0.25%) <input type="checkbox"/> PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	PCM NIOSH 7400A <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> w/ TWA <input type="checkbox"/>	MOLD Spore Trap <input type="checkbox"/> Tape Lift <input type="checkbox"/> Bulk Sample <input type="checkbox"/>	LEAD (Pb) Air <input checked="" type="checkbox"/> TTLC <input type="checkbox"/> Paint <input checked="" type="checkbox"/> STLC <input type="checkbox"/> Wipe <input type="checkbox"/> TCLP <input type="checkbox"/> Soil <input type="checkbox"/>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume
			Sampled	Stop Time	Flow Rate	(L)
PF-PC-1	Paint Chips	Cafeteria	4/2/20			
2						
3						
4						
5						
6						
7						
8						
9						
10						

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>1800 4-2-20</u>	Date/Time: <u>4/22/20 0800</u>

21 ORP

CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com



Company:	Alta Environmental
Project Number:	SMSD-19-9289
Project Name:	SAMOH1

Analysis:

TAT:

(Lab) Order No.	2039632
-----------------	---------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
RF-PC-11	Paint Chips	Cafeteria	4/3/20			
12						
13						
14		South Gym / Drake Pool				
15						
16						
17						
18						
19						
20						
21						
22						
23		H 127				
24						
25						
26						
27						
28						
29						

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 1800 4-22-20	Date/Time: 4/22/20 0800

21088

Appendix E

Alta Environmental Employee Certifications

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Randolph J Flores

Name



Certification No. **17-6019**

Expires on **09/12/20**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Randolph flores

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00004340

EXPIRATION DATE:

11/25/2020

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Jorge Robles

Name



Certification No. 17-6028

Expires on 11/14/20

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Jorge Robles

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00003495

EXPIRATION DATE:

10/28/2020

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Carbany Becerril

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00006242

EXPIRATION DATE:

5/8/2021

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.

Certificate Of Completion

Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

Carbany Becerril

ABIR0726190001N18984

David Wallach

Principal Instructor



Michael W. Horner
Training Director

7/26/2019

Course Start Date

7/26/2019

Course End Date

7/26/2019

Exam Date

7/26/2020

Expiration Date

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

NATEC International, Inc.

National Association of Training and Environmental Consulting

1100 Technology Circle- Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228



Important Industry Contacts

CAL-OSHA: Ph# (916) 574-2993
(916) 483-0572 Fax Notification
Web: www.dir.ca.gov or calosha.com

CDPH/CLPPB: Ph# (510) 620-5600
Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739
Fax# (909) 396-3342

BAAQMD: Ph# (415) 749-4762

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Asbestos • Lead • Mold • HAZWOPER

P.O. Box 25205 Anaheim, CA 92825-5205
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757

www.natecintl.com

NATEC International, Inc.

National Association of Training and Environmental Consulting
*Note: Card is not suitable substitute for certificate and is not accepted by SCAQMD as proof of certification

This Card Acknowledges That
Carbany Becerril

Holds Training Certification For
Asbestos Building Inspector Refresher Course

Expiration: 7/26/2020

Training Date 7/26/2019
Certificate No. ABIR0726190001N18984

Michael W. Horner
Training Director

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Gregory R Archung

Name



Certification No. **92-0041**

Expires on **06/17/20**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.





STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 Gregory Archung	Lead Inspector/Assessor	LRC-00003412	11/7/2020
	Lead Project Designer	LRC-00003413	11/7/2020
	Lead Project Monitor	LRC-00003411	11/7/2020

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.

Appendix F

Previous Survey:

Alta Asbestos and Lead Survey HVAC Project Report Dated February 15, 2018
ATC Hazardous Material Survey Report of Santa Monica HS Dated July 1, 2009
CTL Environmental 2006
Cape Environmental 1993



**HAZARDOUS MATERIALS SURVEY
REPORT OF**

**SANTA MONICA HIGH SCHOOL
SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT
601 PICO BOULEVARD
SANTA MONICA, CALIFORNIA 90405**

ATC PROJECT NO. 52.25526.0002

JULY 1, 2009

Prepared by:

ATC Associates Inc.
25 Cupania Circle
Monterey Park, California 91755
Phone: (323) 517-9780
Fax: (323) 517-9781

Prepared for:

Ms. Rashmi Menon
Project Manager
Santa Monica-Malibu Unified School District
c/o Parsons
12100 Wilshire Boulevard
Los Angeles, California 90025

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1.0 INTRODUCTION

ATC Associates Inc. (ATC) was retained by Santa Monica-Malibu Unified School District (SMMUSD) to conduct a hazardous material survey of Santa Monica High School located at 601 Pico Boulevard, Santa Monica, California. The purpose of the project was to determine the presence of hazardous materials in the school and to facilitate the development of abatement specifications and the eventual removal of the hazardous material that will be impacted or disturbed prior to the modernization/demolition activities.

The scope of the project was to identify any accessible suspect asbestos-containing materials (ACM), lead-containing materials, and other hazardous materials including devices containing mercury, equipment containing polychlorinated biphenyls (PCBs), equipment containing chlorofluorocarbons (CFCs) and/or hydrochlorofluorocarbons (HCFCs), fluorescent light tubes, and other miscellaneous hazardous materials, at the above-referenced site.

This hazardous materials survey was conducted on May 4, 2009 through May 22, 2009 by the following State of California Division of Occupational Safety and Health (DOSH) Certified Asbestos Consultant (CAC), Certified Site Surveillance Technician (CSST), and California Department of Public Health (DPH) Certified Lead-Related Construction Inspector/Assessor (LRCIA) staff:

Mr. Paul Cota	(CAC #06-3978) and (LRCIA #14316)
Mr. Damon Carrier	(CSST #01-2954) and (LRCIA #19034)
Mr. Robert De La Torre	(CSST #00-2837) and (LRCIA #14598)
Mr. Gary Brockway	(CSST #06-4120)
Mr. Navid Yoosefia	(CAC #08-4457)

Prior to this hazardous materials survey, ATC was provided with the following asbestos report for Edison Elementary School.

- Comprehensive Asbestos Survey Project Record, prepared by CTL Environmental Services (CTL), dated June 7, 2008.
- Exterior Lead Based Paint Survey Project Record, prepared by CTL Environmental Services (CTL), dated January 10, 2007.

All field work and report preparation was performed under the direction and guidance of Mr. Paul Cota (Project Manager) and reviewed by Mr. Stephen Drengson (CAC #06-3975 and LRCIA #2895).

2.0 ASBESTOS

2.1 Sampling Methodology and Analysis

ATC typically surveys buildings in teams of two, one person documenting the proceedings of the survey, the other performing bulk sampling and other miscellaneous activities. The team performs a preliminary visual inspection of the building impacted to identify and quantify suspect ACM. A sampling strategy is then developed to provide representative sampling of the suspect ACM in accordance with the methods and procedures identified in the Asbestos Hazard Emergency Response Act (AHERA).

ATC field staff utilized semi-destructive sampling methods to collect samples of accessible suspect asbestos-containing building materials. Some areas of the buildings, e.g. occupied units, edges of roof, pipes, chases, etc. may not have been accessible at the time of the inspection.

Each sample is placed in a container; the container is sealed, labeled and placed in a storage bag. Samples are documented by entering the sample data on a bulk log, including a description of the material, sample number, location, condition, accessibility, friability, potential for damage, and quantity. Typically, the sample location is marked on an 8-1/2 x 11 inch not-to-scale floor plan. Throughout the process, special care is taken to prevent cross-contamination of the collected samples. Sampling equipment is cleaned after each sample is obtained. In addition, sample containers are placed directly beneath each sample location, when feasible, to collect any materials which may become dislodged during the sampling process. Any debris generated by the sampling is cleaned by wet-cleaning methods. Sample locations are appropriately repaired.

All bulk sample analysis is conducted by Polarized Light Microscopy (PLM) with dispersion staining as described in the "*Method for the Determination of Asbestos in Bulk Building Materials*" (EPA-600/R-93/116, July 1993). A suspect material is immersed in a solution of known refractive index and subjected to illumination of polarized light. The color displayed enables mineral identification. Quality control samples at a rate of 10% or one per project, whichever is greater, are reanalyzed by a second, independent analyst.

Please note, in California the abatement of materials with detectable quantities of asbestos - legally defined as materials containing percentages of asbestos greater than one-tenth of one percent (>0.1%) by area are defined as asbestos-containing construction material (ACCM) and regulated by the enforcement agency of the DOSH.

The amended National Emission Standard for Hazardous Air Pollutants (NESHAP), November 20, 1990, included a requirement that when the asbestos content of a bulk sample material is determined using procedures outlined and the asbestos content is estimated to be less than 10% by a method other than point counting, the parties legally responsible for a building (owner/operator) may (1) elect to assume the amount to be greater than 1% and treat the material as a regulated asbestos-containing material, or (2) require verification of the amount by the Point Counting method. The purpose of this procedure is to minimize false negative analysis (reporting the samples as containing less than 1% asbestos for asbestos-containing samples actually containing greater than 1%) and false positives (reporting the sample as containing greater than 1% asbestos for samples containing less than 1% asbestos). Point

Counting was included in NESHAP in response to an EPA study that found an unacceptable amount of false negative and false positive analyses by methods outlined in the interim method.

The samples were analyzed by Hygeia Laboratories, Inc. (Hygeia) located in Sierra Madre, California. Hygeia is certified by the State of California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) and accredited by the United States Department of Commerce National Institutes of Standards and Technology's (NIST) National Voluntary Laboratory Accreditation Program (NVLAP) for asbestos bulk fiber analysis.

2.2 Results

ATC field technicians collected a total of sixty-nine (69) bulk asbestos samples for analysis by Polarized Light Microscopy (PLM) with dispersion staining. ATC performed a positive stop procedure for homogeneous materials with positive results for asbestos during the analysis process and analyzed only one sample of the material.

Material containing greater than one-tenth of one percent (>0.1%) asbestos by weight is considered positive in this report and defined as ACCM, as previously described above.

The following table details the materials sampled and the location from which the samples were collected during the current survey. Table I lists the asbestos bulk sampling results. Materials identified as ACM or ACCM are denoted in **bold**. The asbestos laboratory analytical report and asbestos sampling logs of the materials sampled during the field survey are included in Appendix A. Site sampling diagrams are included in Appendix C.

Table I –Asbestos Survey Results

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
001	Bldg T/ Floor 1/ Room T112A - Southwest	Duct seam mastic, white	NA	ND
002	Bldg T/ Floor 1/ Room T112A – Southwest	Duct seam mastic, white	NA	ND
003	Bldg T/ Floor 1/ Custodian Closet – Northeast	Duct seam mastic, white	NA	ND
004	Administration Bldg/ Floor 1/ Room 500 – South	Carpet mastic, black	2,795 SF	2% Chrysotile
005	Administration Bldg/ Floor 1/ Room 501 – East	Carpet mastic, black	R004	PS
006	Administration Bldg/ Floor 1/ Room 510 – South	Carpet mastic, black	R004	PS
007	Administration Bldg/ Floor 1/ Room 200 – East	2' x 4' Ceiling panel, white fissured	NA	ND
008	Administration Bldg/ Floor 1/ Room 200A – North	2' x 4' Ceiling panel, white fissured	NA	ND
009	Administration Bldg/ Floor 1/ Room 500 – South	2' x 4' Ceiling panel, white fissured	NA	ND

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
010	Administration Bldg/ Floor 1/ Mechanical Room	TSI pipe insulation, white	20 LF	5% Chrysotile 25% Amosite
011	Administration Bldg/ Floor 1/ Mechanical Room	TSI pipe insulation, white	R010	PS
012	Administration Bldg/ Floor 1/ Mechanical Room	TSI pipe insulation, white	R010	PS
013	Administration Bldg/ Floor 1/ Mechanical Room	Duct tape, brown	NA	ND
014	Administration Bldg/ Floor 1/ Mechanical Room	Duct tape, brown	NA	ND
015	Administration Bldg/ Floor 1/ Mechanical Room	Duct tape, brown	NA	ND
016	English Bldg/ Floor 1/ Room 103 – South	2' x 2' Ceiling panel, white fissured	NA	ND
017	English Bldg/ Floor 1/ Room 103 – East	2' x 2' Ceiling panel, white fissured	NA	ND
018	English Bldg/ Floor 1/ Room 103 – North	2' x 2' Ceiling panel, white fissured	NA	ND
019	English Bldg/ Floor 2/ Room 209A	2' x 4' Ceiling panel, white fissured	NA	ND
020	English Bldg/ Floor 2/ Room 209A	2' x 4' Ceiling panel, white fissured	NA	ND
021	English Bldg/ Floor 2/ Room 209A	2' x 4' Ceiling panel, white fissured	NA	ND
022	English Bldg/ South Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
023	English Bldg/ South Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
024	English Bldg/ North Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
025	Business Bldg/ Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
026	Business Bldg/ Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
027	Business Bldg/ Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
028	Art Bldg/ Basement/ Mechanical Room – Center	Canvas pipe wrap, tan	NA	ND
029	Art Bldg/ Basement/ Mechanical Room – Center	Canvas pipe wrap, tan	NA	ND
030	Art Bldg/ Basement/ Mechanical Room – Center	Canvas pipe wrap, tan	NA	ND
031	Art Bldg/ Floor 2/ Storage #2 Attic Space – Center	TSI pipe run insulation, white	80 LF	3% Chrysotile 20% Amosite
032	Art Bldg/ Floor 2/ Storage #2 Attic Space – Center	TSI pipe run insulation, white	R031	PS
033	Art Bldg/ Floor 2/ Storage #2 Attic Space – Center	TSI pipe run insulation, white	R031	PS
034	Barnum Hall/ Balcony – North	Sheet flooring, green & Mastic, yellow	NA	ND

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
035	Barnum Hall/ Balcony – North	Sheet flooring, green & Mastic, yellow	NA	ND
036	Barnum Hall/ Balcony - South	Sheet flooring, green & Mastic, yellow	NA	ND
037	Cafeteria/ Crawlspace – North	TSI pipe insulation debris, white	100 SF	2% Chrysotile 20% Amosite
038	Cafeteria/ Crawlspace – North	TSI pipe insulation debris, white	R037	PS
039	Cafeteria/ Crawlspace – South	TSI pipe insulation debris, white	R037	PS
040	Cafeteria/ Floor 1/ Room C130 – South	Duct sealant, gray	NA	ND
041	Cafeteria/ Floor 1/ Room C130 – South	Duct sealant, gray	NA	ND
042	Cafeteria/ Floor 1/ Room C130 – South	Duct sealant, gray	NA	ND
043	Science Bldg/ Floor 1/ Hallway – West	12" x 12" Floor tile, purple & Mastic, yellow	NA	ND
044	Science Bldg/ Floor 1/ Hallway – West	12" x 12" Floor tile, purple & Mastic, yellow	NA	ND
045	Science Bldg/ Floor 1/ Hallway – Center	12" x 12" Floor tile, purple & Mastic, yellow	NA	ND
046	Administration Bldg/ Lower Level/ Room AD12B – Center	9" x 9" Floor tile, gray	30 SF	3% Chrysotile
047	Administration Bldg/ Lower Level/ Room AD12B – North	9" x 9" Floor tile, gray	R046	PS
048	Administration Bldg/ Lower Level/ Room AD12B – West	9" x 9" Floor tile, gray	R046	PS
049	Administration Bldg/ Lower Level/ Room AD12B – Center	Floor tile mastic, black (associated with 9" x 9" Floor tile, gray)	30 SF	5% Chrysotile
050	Administration Bldg/ Lower Level/ Room AD12B – North	Floor tile mastic, black (associated with 9" x 9" Floor tile, gray)	R049	PS
051	Administration Bldg/ Lower Level/ Room AD12B – West	Floor tile mastic, black (associated with 9" x 9" Floor tile, gray)	R049	PS
052	Language Bldg/Library/ Floor 1/ Room L103 – West	2' x 4' Ceiling panel, white fissured	NA	ND
053	Language Bldg/Library/ Floor 2/ Hallway – West	2' x 4' Ceiling panel, white fissured	NA	ND
054	Language Bldg/Library/ Floor 2/ Room L200 – North	2' x 4' Ceiling panel, white fissured	NA	ND
055	Language Bldg/Library/ Lower Stairwell	Sheet flooring, gray	NA	ND
056	Language Bldg/Library/ Upper Stairwell	Sheet flooring, gray	NA	ND

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
057	Language Bldg/Library/ Upper Stairwell	Sheet flooring, gray	NA	ND
058	South Gym/ Floor 2/ SG206 – Southeast	Carpet mastic, yellow/black	NA	ND
059	South Gym/ Floor 2/ SG206 – East	Carpet mastic, yellow/black	NA	ND
060	South Gym/ Floor 2/ SG206 – West	Carpet mastic, yellow/black	NA	ND
061	South Gym/ Floor 1/ SG113 – North	Carpet mastic, yellow	NA	ND
062	South Gym/ Floor 1/ SG113 – West	Carpet mastic, yellow	NA	ND
063	South Gym/ Floor 1/ SG113 – Northeast	Carpet mastic, yellow	NA	ND
064	North Gym/ Floor 1/ NG103 – Northwest	12" x 12" Floor tile, purple	NA	ND
065	North Gym/ Floor 1/ NG103 – Southeast	12" x 12" Floor tile, purple	NA	ND
066	North Gym/ Floor 1/ NG103 – Northeast	12" x 12" Floor tile, purple	NA	ND
067	North Gym/ Floor 1/ NG103 – Northwest	12" x 12" Floor tile, black (under 12" x 12" Floor tile, purple)	NA	ND
068	North Gym/ Floor 1/ NG103 – Southeast	12" x 12" Floor tile, black (under 12" x 12" Floor tile, purple)	NA	ND
069	North Gym/ Floor 1/ NG103 – Northeast	12" x 12" Floor tile, black (under 12" x 12" Floor tile, purple)	NA	ND
070	Music Bldg/ Floor 2/ Hallway	9" x 9" Floor tile, brown w/ white streaks	30 SF	3% Chrysotile
071	Music Bldg/ Floor 2/ Hallway	9" x 9" Floor tile, brown w/ white streaks	R070	PS
072	Music Bldg/ Floor 2/ Hallway	9" x 9" Floor tile, brown w/ white streaks	R070	PS
073	Music Bldg/ Floor 2/ Hallway	Floor tile mastic, black (associated with 9" x 9" Floor tile, brown w/ white streaks)	30 SF	5% Chrysotile
074	Music Bldg/ Floor 2/ Hallway	Floor tile mastic, black (associated with 9" x 9" Floor tile, brown w/ white streaks)	R073	PS
075	Music Bldg/ Floor 2/ Hallway	Floor tile mastic, black (associated with 9" x 9" Floor tile, brown w/ white streaks)	R073	PS
076	Music Bldg/ Floor 2/ M201A	9" x 9" Floor tile, beige w/ pink streaks	150 SF	3% Chrysotile
077	Music Bldg/ Floor 2/ M201B	9" x 9" Floor tile, beige w/ pink streaks	R076	PS
078	Music Bldg/ Floor 2/ M201C	9" x 9" Floor tile, beige w/ pink streaks	R076	PS
079	Music Bldg/ Floor 2/ M201A	Floor tile mastic, black (associated with 9" x 9" Floor tile, beige w/ pink streaks)	150 SF	5% Chrysotile

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
080	Music Bldg/ Floor 2/ M201B	Floor tile mastic, black (associated with 9" x 9" Floor tile, beige w/ pink streaks)	R079	PS
081	Music Bldg/ Floor 2/ M201C	Floor tile mastic, black (associated with 9" x 9" Floor tile, beige w/ pink streaks)	R079	PS
082	Music Bldg/ Floor 2/ M105	12" x 12" Floor tile, light gray	NA	ND
083	Music Bldg/ Floor 2/ M105A	12" x 12" Floor tile, light gray	NA	ND
084	Music Bldg/ Floor 2/ M105B	12" x 12" Floor tile, light gray	NA	ND
085	Music Bldg/ Floor 2/ M105	Floor tile mastic, yellow (associated with 12" x 12" Floor tile, light gray)	NA	ND
086	Music Bldg/ Floor 2/ M105A	Floor tile mastic, yellow (associated with 12" x 12" Floor tile, light gray)	NA	ND
087	Music Bldg/ Floor 2/ M105B	Floor tile mastic, yellow (associated with 12" x 12" Floor tile, light gray)	NA	ND

ND = None Detected SF = Square Feet
 NA = Not Applicable LF = Linear Feet
 PS = Positive Stop R000 = Refer to Sample 000

2.3 Conclusions and Recommendations

Based on the ATC survey results and previous CTL survey results, asbestos was identified in the materials listed in the following table (Table II). It should be assumed that any of the materials listed below if encountered within the building should be treated as ACM or ACCM.

Table II – Asbestos-Containing Materials and Quantities

Administration Building

Material Description	Location	Condition	Results	Quantity
Carpet mastic, black	Administration Bldg/ Rooms 500-514	Good	2% Chrysotile	2,795 SF
TSI pipe insulation, white	Administration Bldg/ 210 Mechanical Room	Good	5% Chrysotile 25% Amosite	20 LF
9" x 9" Floor tile, gray & Mastic, black	Administration Bldg/ Lower Level/ Room AD12B	Damaged	3-5% Chrysotile	30 SF
Joint compound (above 1' x 1' Ceiling tile, random pin-hole)	Administration Bldg/ Rooms 401, 401 Closet and Restroom, 402, 405	Good	3% Chrysotile	2,300 SF
Floor tile mastic (associated with 9" x 9" Floor tile, tan)	Administration Bldg/ Room 300B	Good	3% Chrysotile	10 SF
9" x 9" Floor tile, brown & Mastic	Administration Bldg/ Electrical Room, Floor 1/ Room 101, Floor 3/ Room 300B, Floor 4/ Rooms 401 Closet, 405	Good	4% Chrysotile	300 SF

Material Description	Location	Condition	Results	Quantity
Floor tile, tan & Mastic (under carpet)	Administration Bldg/ Floor 1/ Room 102	Good	2-4% Chrysotile	100 SF
Floor tile mastic, black (associated with white Floor tile) (under carpet)	Administration Bldg/ Attendance Office, Lobby 2, Floor 2/ Rooms 201, 202, Floor 4/ Rooms 401-402, Floor 5/ Rooms 501-515	Good	2% Chrysotile	2,000 SF
Floor tile, brown & Mastic, black (under floor tile)	Administration Bldg/ Vikings Inn, Hallway 1-3, Floor 1/ Rooms 103A-F, Floor 2/ Rooms 200, 200A	Good	4-5% Chrysotile	3,300 SF
Carpet glue, gray & Mastic, black	Administration Bldg/ Lobby 1	Good	3% Chrysotile	450 SF
Exterior patching compound	Administration Bldg/ Exterior	Good	7% Chrysotile	60 LF
Window putty	Administration Bldg/ Exterior	Good	2% Chrysotile	150 LF

Art Building

Material Description	Location	Condition	Results	Quantity
TSI pipe run, white	Art Bldg/ Floor 2 Attic Space/ Throughout	Good	3% Chrysotile 20% Amosite	80 LF
TSI pipe elbow	Art Bldg/ Floor 2 Attic Space/ Throughout	Good	5% Chrysotile	10 EA
Window putty	Art Bldg/ Exterior	Good	<1% Chrysotile	150 LF
Cement panels	Art Bldg/ Basement/ Room 013A	Good	* Assumed	20 SF
Barrier paper	Art Bldg/ Exterior (below stucco walls)	Good	* Assumed	4,800 SF
Chalkboard mastic	Art Bldg/ Floor 1/ Rooms 101-105	Good	* Assumed	200 SF
Corkboard mastic	Art Bldg/ Floor 1/ Rooms 101-105	Good	* Assumed	200 SF

Barnum Hall

Material Description	Location	Condition	Results	Quantity
Electrical wire insulation	Barnum Hall/ Stage	Good	60% Chrysotile	10 LF
Light fixture gaskets	Barnum Hall/ Attic Space	Good	60% Chrysotile	10 LF
Window putty	Barnum Hall/ Exterior	Good	3% Chrysotile	200 LF
Ceiling tile & Mastic	Barnum Hall/ Basement/ Hallway 2, First Floor/ Elevator Lobby	Good	* Assumed	500 SF
Carpet glue (associated with carpet, gray)	Barnum Hall/ Basement/ Rooms 19-20	Good	* Assumed	300 SF
6" Covebase, black & Mastic	Barnum Hall/ Basement/ Rooms 19-20	Good	* Assumed	150 LF

Material Description	Location	Condition	Results	Quantity
Mural fire curtain	Barnum Hall/ Stage	Good	* Assumed	1,500 SF

Business Building

Material Description	Location	Condition	Results	Quantity
Window putty	Business Bldg/ Exterior	Good	<1% Chrysotile	1,000 LF
Barrier paper	Business Bldg/ Exterior	Good	* Assumed	14,000 SF
Chalkboard mastic	Business Bldg/ Basement/ Room 10, Floor 1/ Rooms 100, 106, 110-111, 115, 120	Good	* Assumed	40 EA

Cafeteria

Material Description	Location	Condition	Results	Quantity
TSI pipe insulation debris, white	Cafeteria/ Crawlspace	Significantly Damaged	2% Chrysotile 20% Amosite	100 SF (scattered)
Joint compound	Cafeteria/ Throughout	Good	3% Chrysotile	13,000 SF
Window putty	Cafeteria/ Exterior	Good	<1% Chrysotile	300 LF
Freezer insulation	Cafeteria/ Freezer	Good	* Assumed	200 SF

English Building

Material Description	Location	Condition	Results	Quantity
Soffit plaster ceiling	English Bldg/ Floor 1/ Rooms E100-101, E103, E109A-D, E113, E117, Hallway, Floor 2/ Rooms E200-201, E208, E210, E213, E215, E217, Hallway, Floor 3/ Room 302A, Hallway	Good	5% Chrysotile	14,000 SF
Chalkboard	English Bldg/ Floor 2/ Rooms E200-201, E213, E215, E217	Good	* Assumed	40 EA

History Building

Material Description	Location	Condition	Results	Quantity
Window putty	History Bldg/ Exterior	Good	<1% Chrysotile	5,500 LF
Soft rough plaster	History Bldg/ 1 st & 2 nd Floor Hallways	Good	3% Chrysotile	10,000 SF

Language/Library Building

Material Description	Location	Condition	Results	Quantity
Exterior stucco	Language/Library Building/ Exterior	Good	2-3% Chrysotile	9,300 SF

Material Description	Location	Condition	Results	Quantity
Ceiling access panels	Language/Library Building/ Floor 1/ Rooms L104-116, Floor 2/ Rooms L204- 210	Good	3% Chrysotile	20 EA
9" x 9" Floor tile, beige	Language/Library Building/ Floor 1/ Rooms L108B, Floor 2/ Rooms L210C- D (under carpet)	Good	3-20% Chrysotile	3,000 SF
Floor tile mastic, black (associated with 12" x 12" Floor tile, blue speckled)	Language/Library Building/ Floor 2/ Room L208	Good	5% Chrysotile	1,000 SF
Floor tile mastic (associated with 12" x 12" Floor tile, white)	Language/Library Building/ 1 st & 2 nd Floor Hallways	Good	4% Chrysotile	400 SF
Floor tile mastic (associated with 12" x 12" Floor tile, dark gray speckled)	Language/Library Building/ 1 st & 2 nd Floor Hallways	Good	4% Chrysotile	1,500 SF
Floor tile mastic (associated with 12" x 12" Floor tile, light gray)	Language/Library Building/ Floor 1/ Rooms L117-118	Good	4% Chrysotile	1,700 SF
1' x 1' Ceiling tile & Glue	Language/Library Building/ 1 st & 2 nd Floor Hallways	Good	* Assumed	1,750 SF

Music Building

Material Description	Location	Condition	Results	Quantity
9" x 9" Floor tile, brown w/ white streaks & Mastic, black	Music Bldg/ Floor 2/ Hallway	Good	3-5% Chrysotile	30 SF
9" x 9" Floor tile, beige w/ pink streaks & Mastic, black	Music Bldg/ Floor 2/ M201A-C	Good	3-5% Chrysotile	150 SF

North Gym

Material Description	Location	Condition	Results	Quantity
Plaster	North Gym/ Throughout	Good	<1% Chrysotile	15,750 SF
9" x 9" Floor tile, light brown & Mastic	North Gym/ Floor 2/ NG206 Storage Room, NG210, East Hallway	Good	3-6% Chrysotile	600 SF

Science Building

Material Description	Location	Condition	Results	Quantity
Exterior Stucco	Science Bldg/ Exterior	Good	2-3% Chrysotile	1,200 SF
Window putty	Science Bldg/ Exterior	Good	2-3% Chrysotile	11,000 LF

Material Description	Location	Condition	Results	Quantity
Floor tile mastic (associated with 12" x 12" Floor tile, blue)	Science Bldg/ Floor 1/ Rooms S103, S107	Good	<1% Chrysotile	1,600 SF
Floor tile mastic (associated with 12" x 12" Floor tile, gray)	Science Bldg/ Floor 1/ Rooms S101, S101C, Restrooms, S101P, S103	Good	<1% Chrysotile	2,400 SF
Chalkboards	Science Bldg/ Floor 2/ Rooms S200-205, S207	Good	* Assumed	24 EA

South Gym

Material Description	Location	Condition	Results	Quantity
Plaster	South Gym/ Throughout	Good	<1% Chrysotile	15,750 SF

Technology Building

Material Description	Location	Condition	Results	Quantity
Exterior Stucco	Technology Bldg/ Exterior	Good	2-3% Chrysotile	18,000 SF
Chalkboard	Technology Bldg/ Rooms T100-113, Floor 2/ Rooms T200-219	Good	* Assumed	100 EA

SF = Square Feet

LF = Linear Feet

EA = Each

* = Materials assumed in this report are due to inaccessibility or to avoid damage to the material.

ATC observed the potential for the fire doors and chalkboards with mastic to be asbestos containing. Since destructive sampling was not authorized for the occupied buildings at the school, ATC recommends sampling fire doors, chalkboards, and any additional materials identified during preparation for the demolition project.

If additional suspect materials are observed by the contractor during demolition/modernization, the consultant should be notified and the presence of these materials should be verified. All materials listed above that will be impacted or disturbed by the scope of work should be removed and disposed of as ACM prior to any demolition/modernization activities.

Asbestos is a hazardous substance. Its condition, handling and disposal are regulated by Federal, State, and local agencies. ACMs and ACCMs generally do not pose a health threat unless the asbestos fibers are disturbed by renovation, construction or demolition and may become airborne and inhaled.

ATC understands that the Science Building and Technology Building are scheduled for demolition in the near future. ATC recommends that all ACMs and ACCMs be removed prior to the scheduled demolition. Contractors must use asbestos safe work practices when disturbing the material listed above.

Prior to the planned modernization activities, ATC recommends removal of the ACMs and ACCMs

noted above that will be impacted or disturbed by the scope of work. Contractors must use asbestos safe work practices when disturbing the material listed above.

A building material is considered to be ACM if at least one sample collected from the homogeneous material shows asbestos present in an amount greater than one percent (>1%) by weight. Materials with less than one percent (<1%) asbestos are not regulated by the United States Environmental Protection Agency (USEPA) or Federal Occupational Safety and Health Administration (OSHA). However, the State of California, Division of Occupational Safety and Health (DOSH) does regulate materials with greater than one-tenth of one percent (>0.1%) by weight under California Code of Regulations (CCR) Title 8, Section 1529. These materials are considered ACCM.

If PLM results indicate a material to contain trace amounts of asbestos (<1%), the building owner may choose to treat this material as ACM or have the material analyzed using the 1000 point count method. If the point count analysis is used, this result will be used for reporting purposes.

Building occupants and contractors working in an area where asbestos is present must be informed of the type and location of ACM. Since these materials are going to be impacted during the planned building demolition, ATC recommends abatement of all identified ACM by a California licensed, certified and registered asbestos abatement contractor. Asbestos abatement must be performed in accordance with Federal and State Occupational Safety and Health Administration (OSHA and DOSH), and South Coast Air Quality Management District (SCAQMD) regulations.

DOSH also requires employers to implement specific work practices, which protect workers from airborne asbestos exposure. Building materials, which contain even low levels of asbestos (trace amounts), can potentially generate significant concentrations of airborne asbestos fibers when disturbed. Therefore, control measures should be instituted which adequately addresses worker health and safety during the planned demolition activities involving these materials.

3.0 LEAD-CONTAINING MATERIALS

3.1 Sampling Methodology and Analysis

ATC's field technicians conducted a visual inspection of the facility and observed all interior and exterior paint to be intact, with the exception of chipped or peeling paint observed in a few select areas. ATC's field staff utilized an X-Ray Fluorescence (XRF) Analyzer device as well as collected representative samples of suspect lead-based paint.

The lead testing was performed on-site using the XRF Analyzer on various surfaces, according to the procedures identified in Chapter 7 of the *Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of LBP in Housing*, 1997 Revision, and the XRF-specific *Performance Characteristic Sheet (PCS)* methodology for the LPA-1 Lead Paint Analyzer.

LPA-1 Lead Paint Analyzer

The LPA-1 Lead Paint Analyzer is a complete lead paint analysis system, which quickly, accurately, and non-destructively measures the concentration of LBP on surfaces. The LPA-1 relies on the measurement of the K-shell X-rays to determine the amount of lead present in the painted surface. K-shell X-rays can penetrate many layers of paint and allow a good measurement of the lead content of paint to be made without being significantly affected by the thickness or number of layers of paint on the surface of the sample.

The LPA-1 has the ability to analyze and compute corrections for the differences in the energy spectrums relating to different substrates. This analysis of the energy spectrum means that the lead paint reading displayed on the instrument already accounts for any substrate effects and no correction is required by the operator. The LPA-1's field of view is limited to a depth of 3/8", deep enough to handle virtually all painted surfaces, but not prone to detect lead objects located behind the surface.

Upon arrival at the job site, a "calibration test" was performed to assure that the instrument was operating properly. A series of three calibrated readings were taken at the start of the survey, mid shift, and three more calibration check readings were taken near the end of the sampling sequence. Test measurements consisting of 30 seconds per measurement were taken the NIST Paint Film Standard (SRM No. 1332 & 1482) as required by the instrument's PCS. The individual readings and an average of the three readings were recorded and compared to standards.

Upon arrival at the job site, a "calibration test" was performed to assure that the instrument was operating properly. A series of three calibrated readings were taken at the start of the survey, mid shift, and three more calibration check readings were taken near the end of the sampling sequence. Test measurements were taken using the NIST Paint Film Standard (SRM No. 7016) as required by the instrument's PCS. The individual readings and an average of the three readings were recorded and compared to standards.

In all cases the instrument was functioning within the standard deviation as defined by the manufacturer and the PCS. All validation readings were recorded in a logbook, which accompanies the instrument. If for any reason the XRF does not pass the calibration procedures, it is ATC's policy to replace that instrument with an XRF that passes the above

criteria for calibration. HUD developed the PCS for use with the specific instrument used for testing.

The paint chip samples were analyzed by Hygeia Laboratories, Inc. (Hygeia) located in Sierra Madre, California. Hygeia is certified by the State of California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) and is accredited by the American Industrial Hygiene Association's (AIHA) Laboratory Quality Assurance Program for industrial hygiene and lead analysis.

3.2 XRF Survey Results

ATC field technicians obtained one thousand seven hundred and forty-seven (1,747) XRF readings. One thousand seven hundred (1,700) readings were taken throughout the interior and exterior of the building areas and forty-seven (47) readings were calibration checks.

The following table (Table III) represents the results of the XRF survey. The table only lists those materials analyzed and found to contain greater than or equal to 0.7 mg/cm². (Los Angeles County Code definition of "dangerous level of lead-bearing substance"). The lead-based paint/materials XRF sampling logs of the materials sampled during the field survey are included in Appendix B. Site sampling diagrams are included in Appendix C.

Positive: An XRF reading is classified as positive if it is greater than or equal to 0.7 mg/cm².

Negative: An XRF reading is classified as negative if it is less than 0.7 mg/cm².

Table III – Positive XRF Survey Results

Sample #	XRF Results (mg/cm ²)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
008	1.0	Intact	8 EA	Science Bldg/ Floor 1/ S107P	North	Window Frame	Metal	Blue
013	1.0	Intact	22 EA	Science Bldg/ Floor 1/ S107	North	Window Frame	Metal	Blue
021	1.0	Intact	15 EA	Science Bldg/ Floor 1/ S105	North	Window Frame	Metal	Blue
026	1.0	Intact	20 EA	Science Bldg/ Floor 1/ S103	North	Window Frame	Metal	White
029	8.1	Intact	1 EA	Science Bldg/ Floor 1/ S101C	East	Sink	Porcelain	White
032	1.0	Fair	5 EA	Science Bldg/ Floor 1/ S101A	North	Window Frame	Metal	Light Blue

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
035	1.0	Fair	27 EA	Science Bldg/ Floor 1/ S101	North	Window Frame	Metal	White
041	1.0	Intact	23 EA	Science Bldg/ Floor 1/ S100	South	Window Frame	Metal	Blue
044	1.0	Intact	21 EA	Science Bldg/ Floor 1/ S102	South	Window Frame	Metal	Blue
049	1.0	Intact	8 EA	Science Bldg/ Floor 1/ S102A	South	Window Frame	Metal	Blue
051	1.0	Intact	23 EA	Science Bldg/ Floor 1/ S104	South	Window Frame	Metal	Blue
063	1.0	Intact	7 EA	Science Bldg/ Floor 1/ S104B	South	Window Frame	Metal	Blue
066	1.0	Intact	18 EA	Science Bldg/ Floor 1/ S104C	West	Conduit	Metal	Blue
072	1.0	Fair	10 EA	Science Bldg/ Floor 1/ Hallway	South	Door Frame	Metal	Blue
082	1.0	Intact	21 EA	Science Bldg/ Floor 2/ S202	South	Window Frame	Metal	Blue
085	1.0	Intact	23 EA	Science Bldg/ Floor 2/ S204	South	Window Frame	Metal	Blue
092	1.0	Intact	5 EA	Science Bldg/ Floor 2/ S204A	South	Window Frame	Metal	Blue
104	1.0	Intact	12 EA	Science Bldg/ Floor 2/ S207	North	Window Frame	Metal	Blue
120	1.0	Intact	8 EA	Science Bldg/ Floor 2/ S201A	North	Window Frame	Metal	Blue
131	1.0	Intact	17 EA	Science Bldg/ Floor 2/ Hallway	North	Door Frame	Metal	Blue
155	1.0	Intact	1 EA	Technology Bldg/ Floor 1/ T105C	West	Door Frame	Metal	Blue
162	1.0	Intact	30 LF	Technology Bldg/ Floor 1/ Custodian Room	West	Water Pipe	Steel	White

Sample #	XRF Results (mg/cm ²)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
163	9.4	Intact	1 EA	Technology Bldg/ Floor 1/ Custodian Room	West	Sink	Porcelain	White
337	1.0	Intact	1 EA	Business Bldg/ Floor 1/ B101	East	Door Frame	Metal	White
382	>9.9	Intact	1 EA	Business Bldg/ Floor 2/ B200	South	Sink	Porcelain	White
383	1.8	Intact	456 SF	Business Bldg/ Floor 2/ B202	South	Wall	Concrete	White
385	2.4	Intact	152 SF	Business Bldg/ Floor 2/ B202	North	Wall	Concrete	White
386	1.0	Intact	110 SF	Business Bldg/ Floor 2/ B204A	West	Wall	Plaster	White
389	2.4	Intact	1 EA	Business Bldg/ Floor 2/ B204A	Northeast	Cabinet	Wood	White
391	1.0	Fair	1 EA	Business Bldg/ Floor 2/ B204 Women's Restroom	North	Window Frame	Metal	White
392	1.0	Fair	1 EA	Business Bldg/ Floor 2/ B204 Women's Restroom	North	Window Casing	Concrete	White
399	1.0	Intact	270 SF	Business Bldg/ Floor 2/ B206	North	Wall	Concrete	White
401	>9.9	Intact	1 EA	Business Bldg/ Floor 2/ B206	South	Sink	Porcelain	White
408	1.0	Intact	200 SF	Business Bldg/ Floor 2/ B207	East	Wall	Plaster	White
414	1.0	Intact	1 EA	Business Bldg/ Floor 2/ B205	West	Sink	Porcelain	White
442	2.0	Intact	5 EA	History Bldg/ Floor 1/ H106	West	Window Casing	Wood	White
446	1.7	Intact	2 EA	History Bldg/ Floor 1/ H114	West	Window Casing	Wood	White
450	3.4	Intact	2 EA	History Bldg/ Floor 1/ H116	West	Window Casing	Wood	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
452	3.7	Intact	300 SF	History Bldg/ Floor 1/ H116	East	Wall	Plaster	White
457	1.5	Intact	4 EA	History Bldg/ Floor 1/ H120	West	Window Casing	Wood	White
491	3.3	Intact	4 EA	History Bldg/ Floor 1/ H103	East	Window Casing	Wood	White
498	1.3	Intact	10 EA	History Bldg/ Floor 1/ H125	East	Window Casing	Wood	White
511	1.8	Intact	60 SF	History Bldg/ Floor 1/ H111	Center	Floor Tile	Ceramic	White
514	2.3	Fair	20 SF	History Bldg/ Stairway Landing	East	Window Frame	Wood	White
516	1.6	Intact	5 EA	History Bldg/ Floor 2/ H203	East	Window Casing	Wood	White
533	1.3	Intact	2 EA	History Bldg/ Floor 2/ H209	East	Window Casing	Wood	White
537	3.3	Intact	4 EA	History Bldg/ Floor 2/ H213	East	Window Casing	Wood	White
541	1.0	Intact	5 EA	History Bldg/ Floor 2/ H215	East	Window Casing	Wood	White
552	3.1	Intact	4 EA	History Bldg/ Floor 2/ H216	West	Window Casing	Wood	White
555	5.3	Intact	4 EA	History Bldg/ Floor 2/ H214	West	Window Casing	Wood	White
559	3.9	Intact	1 EA	History Bldg/ Floor 2/ H212	West	Window Casing	Wood	White
568	4.2	Intact	4 EA	History Bldg/ Floor 2/ H210	West	Window Casing	Wood	White
571	1.3	Intact	4 EA	History Bldg/ Floor 2/ H208	West	Window Casing	Wood	White
574	6.2	Intact	1 EA	History Bldg/ Floor 2/ H206	West	Window Casing	Wood	White

Sample #	XRF Results (mg/cm ²)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
577	3.4	Intact	250 SF	History Bldg/ Floor 2/ H206	South	Wall	Drywall	White
580	2.4	Intact	4 EA	History Bldg/ Floor 2/ H204	West	Window Casing	Wood	White
584	2.0	Intact	4 EA	History Bldg/ Floor 2/ H202	West	Window Casing	Wood	White
601	0.9	Intact	330 SF	History Bldg/ Basement/ H023	West	Wall	Concrete	Green
619	6.2	Intact	600 SF	Administration Bldg/ Basement/ A015	West	Wall	Concrete	White
620	6.3	Intact	200 SF	Administration Bldg/ Basement/ A013	South	Wall	Concrete	White
621	6.3	Intact	2 EA	Administration Bldg/ Basement/ A015	Center	Support Column	Concrete	White
622	6.2	Intact	5 EA	Administration Bldg/ Basement/ A015	Center	Ceiling Beam	Concrete	White
624	7.4	Fair	6 EA	Administration Bldg/ Basement/ A013	Center	Ceiling Beam	Concrete	White
625	6.9	Intact	2 EA	Administration Bldg/ Basement/ A013	Center	Support Column	Concrete	White
633	3.4	Intact	3 EA	Administration Bldg/ Basement/ A012	Center	Support Column	Concrete	White
636	3.5	Intact	200 SF	Administration Bldg/ Basement/ A010	North	Wall	Concrete	White
646	2.9	Intact	3 EA	Administration Bldg/ Floor 1/ A103	East	Window Casing	Wood	White
648	2.9	Intact	1 EA	Administration Bldg/ Floor 1/ A103	Center	Support Column	Concrete	White
649	5.9	Intact	12 SF	Administration Bldg/ Floor 1/ A103	South	Window Sill	Wood	White
651	3.0	Intact	2 EA	Administration Bldg/ Floor 1/ Storage Room 1	South	Window Casing	Wood	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
658	2.4	Intact	1 EA	Administration Bldg/ Floor 1/ A105	Center	Support Column	Concrete	White
663	2.0	Intact	2 EA	Administration Bldg/ Floor 1/ A102	North	Window Casing	Wood	White
675	2.0	Intact	15 LF	Administration Bldg/ Floor 1/ A101C	East	Basecove	Ceramic	White
677	6.8	Intact	2 EA	Administration Bldg/ Floor 1/ Storage Room 3	North	Window Casing	Wood	White
680	3.6	Intact	3 EA	Administration Bldg/ Floor 1/ A101	East	Window Casing	Metal	White
682	3.8	Intact	1 EA	Administration Bldg/ Floor 1/ A101	Center	Support Column	Concrete	White
698	1.0	Intact	675 SF	English Bldg/ Floor 1/ E113	West	Wall	Concrete	White
711	1.0	Intact	350 SF	English Bldg/ Floor 1/ E105	South	Wall	Concrete	Green
712	1.0	Intact	8 LF	English Bldg/ Floor 1/ E105	South	Wall Trim	Wood	Green
720	1.3	Intact	1 EA	English Bldg/ Floor 1/ E100	East	Chalkboard Frame	Wood	White
729	1.0	Intact	25 SF	English Bldg/ Floor 1/ E104A	North	Wall	Concrete	Green
730	1.0	Intact	1 EA	English Bldg/ Floor 1/ E104A	West	Door Frame	Wood	Blue
743	1.7	Intact	1 EA	English Bldg/ Floor 1/ E110A	South	Sink	Porcelain	White
750	2.2	Intact	2 EA	English Bldg/ Floor 1/ Hallway	Southwest	Electrical Box	Metal	White
752	2.0	Intact	400 EA	English Bldg/ Floor 1/ Hallway	East	Locker Door	Metal	Brown
755	1.7	Intact	1 EA	English Bldg/ South Stairwell	North	Bulletin Board Frame	Wood	White

Sample #	XRF Results (mg/cm ²)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
799	2.5	Intact	20 LF	English Bldg/ Floor 2/ 203A	West	Wall Trim	Wood	White
804	3.2	Intact	45 LF	English Bldg/ Floor 2/ 201	West	Bulletin Board Trim	Wood	White
819	2.0	Intact	400 EA	English Bldg/ Floor 2/ Hallway	East	Locker Door	Metal	Brown
868	>9.9	Intact	1 EA	Language Bldg/ Floor 1/ L109B	North	Sink	Porcelain	White
944	>9.9	Intact	1 EA	Language Bldg/ Floor 2/ L207B	North	Sink	Porcelain	White
957	>9.9	Intact	1 EA	Language Bldg/ Floor 2/ L210D	East	Sink	Porcelain	White
960	4.1	Intact	1 EA	Language Bldg/ Floor 2/ L210A	West	Sink	Porcelain	White
1001	>9.9	Intact	9 EA	Cafeteria/ Floor 1/ C120 Kitchen	Center	Floor Drain	Porcelain	White
1049	9.7	Intact	4 EA	South Gym/ Floor 1/ SG120	North	Sink	Porcelain	White
1058	1.3	Intact	1 EA	South Gym/ West Hallway	West	Door Frame	Metal	Blue
1059	1.2	Intact	55 SF	South Gym/ West Hallway	West	Bulletin Board	Wood	White
1107	1.0	Intact	2 EA	South Gym/ Floor 2/ SG205	West	Door Frame	Metal	White
1112	1.0	Intact	1 EA	South Gym/ Floor 2/ SG206	South	Door Frame	Metal	White
1113	1.0	Intact	1 EA	South Gym/ Floor 2/ SG206A	East	Door Frame	Metal	White
1145	1.7	Fair	400 SF	North Gym/ Floor 1/ NG164	South	Wall	Plaster	White
1151	2.6	Intact	100 SF	North Gym/ Floor 1/ NG160	North	Wall	Concrete	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
1154	5.1	Intact	100 SF	North Gym/ Floor 1/ NG140 Hallway	West	Wall	Plaster	White
1160	3.2	Intact	300 LF	North Gym/ Floor 1/ NG140	North	Rail	Metal	Blue
1162	1.0	Intact	1 EA	North Gym/ Floor 1/ NG140	North	Cage	Metal	White
1168	3.4	Intact	300 LF	North Gym/ Floor 1/ NG140	South	Rail	Metal	Blue
1172	>9.9	Intact	40 LF	North Gym/ Floor 1/ NG145	South	I-Beam	Metal	Yellow
1175	0.7	Fair	2 EA	North Gym/ Floor 1/ NG145	North	Door	Metal	White
1261	1.0	Fair	1 EA	North Gym/ Floor 1/ NG115	East	Sink	Porcelain	White
1263	1.3	Intact	1 EA	North Gym/ Floor 1/ NG115	North	Door	Wood	White
1275	1.0	Intact	20 LF	North Gym/ Basement/ NG15 Storage	North	Water Pipe	Metal	White
1277	1.0	Intact	1 EA	North Gym/ Basement/ NG15 Storage	East	Door Frame	Metal	White
1308	1.5	Intact	15 EA	North Gym/ Floor 2/ NG201A	East	Locker	Metal	Blue
1318	0.7	Intact	4 EA	North Gym/ Floor 2/ Coach's Office	East	Door	Wood	White
1336	4.9	Intact	30 LF	North Gym/ Floor 2/ NG211	East	Basecove	Ceramic	Green
1337	>9.9	Intact	1 EA	North Gym/ Floor 2/ NG211	North	Urinal	Porcelain	White
1339	>9.9	Intact	1 EA	North Gym/ Floor 2/ NG211	West	Sink	Porcelain	White
1343	6.5	Intact	30 LF	North Gym/ Floor 2/ NG212	North	Basecove	Ceramic	Green

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
1345	>9.9	Intact	1 EA	North Gym/ Floor 2/ NG212	West	Sink	Porcelain	White
1355	1.0	Fair	1 EA	North Gym/ Floor 1/ NG150	East	Door	Metal	Brown
1367	1.0	Intact	43 EA	Pool Bldg/ Floor 1/ P111	South	Locker	Metal	Blue
1404	>9.9	Intact	2 EA	Barnum Hall/ Basement / Room 2	West	Sink	Porcelain	White
1407	>9.9	Intact	2 EA	Barnum Hall/ Basement / Room 6	West	Sink	Porcelain	White
1418	0.7	Intact	20 LF	Barnum Hall/ Basement/ Room 10	Center	Conduit	Metal	White
1437	1.4	Intact	40 LF	Barnum Hall/ North Stairwell	East	Handrail	Metal	Orange
1455	0.7	Intact	1 EA	Barnum Hall/ Floor 1/ Lobby	East	Door Frame	Wood	Blue
1464	1.0	Intact	10 LF	Barnum Hall/ Floor 1/ Men's Restroom	East	Handrail	Metal	Orange
1465	1.6	Intact	1 EA	Barnum Hall/ Floor 1/ Men's Restroom	South	Window Casing	Metal	Green
1469	1.0	Intact	1 EA	Barnum Hall/ Floor 1/ Women's Restroom	East	Window Casing	Metal	Green
1474	>9.9	Intact	20 SF	Barnum Hall/ Balcony	East	Wall	Ceramic	Yellow
1475	7.0	Intact	1 EA	Barnum Hall/ Balcony	East	Sink	Porcelain	Beige
1483	2.9	Intact	1 EA	Barnum Hall/ Mezzanine/ Men's Restroom	East	Door	Wood	Green
1484	0.7	Intact	1 EA	Barnum Hall/ Mezzanine/ Men's Restroom	East	Door Frame	Wood	Blue
1485	>9.9	Intact	1 EA	Barnum Hall/ Mezzanine/ Janitor Closet	South	Sink	Cast Iron	White

Sample #	XRF Results (mg/cm ²)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
1487	1.7	Intact	1 EA	Barnum Hall/ Mezzanine/ Janitor Closet	North	Door	Wood	Tan
1488	1.7	Intact	1 EA	Barnum Hall/ Mezzanine/ Janitor Closet	North	Door Frame	Wood	Tan
1491	1.0	Intact	2 EA	Barnum Hall/ Mezzanine/ Storage	North	Shelf	Wood	Tan
1492	2.9	Intact	1 EA	Barnum Hall/ Mezzanine/ Storage	South	Door	Wood	Tan
1493	1.0	Intact	1 EA	Barnum Hall/ Mezzanine/ Storage	South	Door Frame	Wood	Tan
1499	2.3	Intact	150 SF	Barnum Hall/ Mezzanine/ Women's Restroom	Center	Floor	Concrete	Tan
1500	2.9	Intact	1 EA	Barnum Hall/ Mezzanine/ Women's Restroom	East	Door	Wood	Green
1501	1.0	Intact	1 EA	Barnum Hall/ Mezzanine/ Women's Restroom	East	Door Frame	Wood	Green
1503	2.3	Intact	10 EA	Barnum Hall/ Balcony	North	Door	Wood	Orange
1511	1.0	Intact	2 EA	Barnum Hall/ Balcony / Lighting Room	North	Window Casing	Metal	Green
1513	1.3	Intact	12 LF	Barnum Hall/ Balcony / Lighting Room	South	Handrail	Metal	Orange
1608	1.0	Intact	3 EA	Administration Bldg/ Floor 2/ AD 205	South	Window Casing	Wood	White
1648	1.5	Intact	2 EA	Administration Bldg/ Floor 2/ Hallway	North	Display Frame	Metal	Yellow
1692	>9.9	Intact	1 EA	Administration Bldg/ Floor 1/ AD 104	West	Sink	Cast Iron	White

EA = Each
SF = Square Feet
LF = Linear Feet

3.3 Laboratory Analysis Results

ATC field technicians also collected a total of thirty-eight (38) paint-chip samples for analysis of lead content. The samples were submitted to Hygeia for analysis by Flame Atomic Absorption Spectrophotometry (Flame AAS) in accordance with EPA Method 7420 analytical protocol.

The following table (Table IV) represents the results of the paint chip analysis via Flame AAS. Samples found to contain lead-based paint are denoted in **bold**. Samples that contain detectable levels of lead are denoted with an asterisk. The Lead Laboratory Analytical Report of the materials sampled during the field survey is included in Appendix B. Site sampling diagrams are included in Appendix C.

Table IV - Lead-Based Paint Bulk Sample Survey Results

Sample #	Building/ Floor	Location	Surface	Substrate	Color	Results (ppm)
001	Science Bldg/ Floor 1	Room S107P	Window Frame	Metal	Blue	860*
002	Science Bldg/ Floor 2	Room 204A	Window Frame	Metal	Blue	<120
003	Science Bldg/ Floor 1	Room 101A	Window Frame	Metal	Light Blue	2,969*
004	Technology Bldg/ Floor 1	Room T105C	Door Frame	Metal	Blue	2,212*
005	Technology Bldg/ Floor 1	Janitor/Custodian Room	Water Pipe	Metal	White	<120
006	Business Bldg/ Floor 1	Room B101	Door Frame	Metal	White	<120
007	Business Bldg/ Floor 1	Room B204A	Wall	Plaster	White	32,140
008	Business Bldg/ Floor 1	Room B204 Women's Restroom	Window Casing	Concrete	White	4,359*
009	Business Bldg/ Floor 1	Room B204 Women's Restroom	Window Frame	Metal	White	3,211*
010	Business Bldg/ Floor 1	Room B206	Wall	Concrete	White	<120
011	History Bldg/ Floor 1	Room H119	Window Sill	Metal	White	428*
012	History Bldg/ Floor 1	Room 117RR	Window Casing	Concrete	White	<120
013	History Bldg/ Floor 1	Room 215	Window Casing	Metal	White	1,917*
014	History Bldg/ Floor 1	Room B023	Wall	Concrete	Green	1,024*
015	History Bldg/ Floor 1	Basement Hall	Wall	Concrete	White	1,079*
016	English Bldg/ Floor 1	Room E113	Wall	Concrete	White	<120

Sample #	Building/ Floor	Location	Surface	Substrate	Color	Results (ppm)
017	English Bldg/ Floor 1	Room E105	Wall	Concrete	Green	19,460
018	English Bldg/ Floor 1	Room E105	Wall Trim	Wood	Green	21,210
019	English Bldg/ Floor 1	Room E104A	Door Frame	Wood	Blue	10,600
020	English Bldg/ Floor 1	Room E210	Wall	Concrete	White	<120
021	Language Bldg/ Floor 1	Room L109	Door	Wood	Yellow	<120
022	Language Bldg/ Floor 1	Room L112	Door	Wood	Yellow	<120
023	Cafeteria/ Floor 1	Serving Area	Wall	Wood	White	817*
024	South Gym/ Floor 1	Room SG101	Wall	Wood	White	<120
025	South Gym/ Floor 1	Room SG205	Door Frame	Metal	White	1,715*
026	South Gym/ Floor 1	Room SG206	Door Frame	Metal	White	<120
027	North Gym/ Floor 1	Room NG146	Mirror Trim	Metal	White	<120
028	North Gym/ Floor 1	Room NG140	Cage Fencing/ Posts	Metal	White	232*
029	North Gym/ Floor 1	Room NG115	Equipment Hanger	Wood	White	<120
030	North Gym/ Floor 1	Room NG112	Cabinet	Metal	Gray	1,069*
031	North Gym/ Basement	Room NG15 Storage	Water Pipe	Metal	White	1,087*
032	North Gym/ Floor 1	Room P150	Door	Metal	Brown	38,010
033	Pool Bldg/ Floor 1	Room P111	Locker	Metal	Blue	<120
034	Barnum Hall/ Floor 1	Lobby Boys Restroom	Hand Rail	Metal	Orange	<120
035	Barnum Hall/ Floor 1	Janitor Closet	Wall	Concrete	Tan	824*
036	Barnum Hall/ Floor 1	Storage Room	Shelf	Wood	Tan	10,050
037	Barnum Hall/ Floor 1	Balcony Girls Restroom	Door Frame	Wood	Green	19,870
038	Administration Bldg/ Floor 1	Room AD205	Window Casing	Wood	White	<120

ppm = Parts per Million

Bold = Lead-Based Paint: concentration greater than or equal to 0.5% lead by weight or 5,000 milligrams per kilogram (mg/kg) or parts per million (ppm) total lead.

* = Lead-containing coating: concentration above detection limit

3.4 Conclusions and Recommendations

Based on the ATC survey results, the lead-containing materials listed below in the table (Table V) meet the definition of lead-based paint. The California Department of Public Health (DPH) (as defined in Title 17 California Code of Regulations) and United States Department of Housing and Urban Development (HUD) define lead-based paint (LBP) as paints containing greater than 1.0 mg/cm², as well as, paints containing greater than or equal to 0.5% lead by weight or 5,000 milligrams per kilogram (mg/kg) or parts per million (ppm) total lead. Paint containing less than these amounts is generally termed "lead-containing paint" (LCP).

Table V – Lead-Containing Materials and Quantities

Administration Building

Material Description	Location	Condition	Quantity
Cast Iron Sink, white	Administration Bldg/ Floor 1/ Room AD 104	Intact	1 EA
Ceramic Basecove, white	Administration Bldg/ Floor 1/ Room A101C	Intact	15 LF
Concrete Ceiling Beam, white	Administration Bldg/ Basement/ Rooms A013, A015	Fair	11 EA
Concrete Support Column, white	Administration Bldg/ Basement/ Rooms A012, A013, A015, Floor 1/ Rooms A101, A103, A105	Intact	10 EA
Concrete Wall, white	Administration Bldg/ Basement/ Rooms A010, A013, A015	Intact	1,000 SF
Metal Display Frame, yellow	Administration Bldg/ Floor 2/ Hallway	Intact	2 EA
Metal Window Casing, white	Administration Bldg/ Floor 1/ Room A101	Intact	3 EA
Wood Window Casing, white	Administration Bldg/ Floor 1/ Rooms A102, A103, Storage Rooms 1 & 3, Floor 2/ Room AD 205	Intact	12 EA
Wood Window Sill, white	Administration Bldg/ Floor 1/ Room A103	Intact	12 SF

Barnum Hall

Material Description	Location	Condition	Quantity
Cast Iron Sink, white	Barnum Hall/ Mezzanine/ Janitor Closet	Intact	1 EA
Ceramic Wall, yellow	Barnum Hall/ Floor 2/ Balcony	Intact	20 SF
Concrete Floor, tan	Barnum Hall/ Mezzanine/ Women's Restroom	Intact	150 SF
Concrete Wall, tan	Barnum Hall/ Floor 1/ Janitor Closet	Peeling	40 SF
Metal Conduit, white	Barnum Hall/ Basement/ Room 10	Intact	20 LF
Metal Handrail, orange	Barnum Hall/ Balcony / Lighting Room, Floor 1/ Men's Restroom, North Stairwell	Intact	62 LF
Metal Window Casing, green	Barnum Hall/ Balcony / Lighting Room, Floor 1/ Men's & Women's Restroom	Fair	4 EA
Porcelain Sink, beige	Barnum Hall/ Floor 2/ Balcony	Intact	1 EA
Porcelain Sink, white	Barnum Hall/ Basement / Rooms 2, 6	Intact	4 EA
Wood Door Frame, blue	Barnum Hall/ Floor 1/ Lobby, Mezzanine/	Intact	2 EA

Material Description	Location	Condition	Quantity
	Men's Restroom		
Wood Door Frame, green	Barnum Hall/ Floor 1/ Balcony Girls Restroom, Mezzanine/ Women's Restroom	Intact	2 EA
Wood Door Frame, tan	Barnum Hall/ Mezzanine/ Janitor Closet, Storage	Intact	2 EA
Wood Door, green	Barnum Hall/ Mezzanine/ Men's & Women's Restroom	Intact	2 EA
Wood Door, orange	Barnum Hall/ Balcony	Intact	10 EA
Wood Door, tan	Barnum Hall/ Mezzanine/ Janitor Closet, Storage	Intact	2 EA
Wood Shelf, tan	Barnum Hall/ Floor 1/ Storage Room & Mezzanine/ Storage	Intact	2 EA

Business Building

Material Description	Location	Condition	Quantity
Concrete Wall, white	Business Bldg/ Floor 2/ Rooms B202, B206	Intact	878 SF
Concrete Window Casing, white	Business Bldg/ Floor 1/ Room B204 Women's Restroom	Peeling	1 EA
Metal Door Frame, white	Business Bldg/ Floor 1/ Room B101	Intact	1 EA
Metal Window Frame, white	Business Bldg/ Floor 1/ Room B204 Women's Restroom	Peeling	1 EA
Plaster Wall, white	Business Bldg/ Floor 1/ Room B204A, Floor 2/ B207	Peeling	310 SF
Porcelain Sink, white	Business Bldg/ Floor 2/ Rooms B200, B205, B206	Intact	3 EA
Wood Cabinet, white	Business Bldg/ Floor 2/ Room B204A	Intact	1 EA

Cafeteria

Material Description	Location	Condition	Quantity
Porcelain Floor Drain, white	Cafeteria/ Room C120 Kitchen	Intact	9 EA
Wood Wall, white	Cafeteria/ Floor 1/ Serving Area	Peeling	350 SF

English Building

Material Description	Location	Condition	Quantity
Concrete Wall, green	English Bldg/ Floor 1/ Rooms E104A, E105	Intact	375 SF
Concrete Wall, white	English Bldg/ Floor 1/ Room E113	Intact	675 SF
Metal Electrical Box, white	English Bldg/ Floor 1/ Hallway	Intact	2 EA
Metal Locker Door, brown	English Bldg/ Floor 1/ Hallway, Floor 2/ Hallway	Intact	800 EA
Porcelain Sink, white	English Bldg/ Floor 1/ Room E110A	Intact	1 EA
Wood Bulletin Board Frame, white	English Bldg/ South Stairwell	Intact	1 EA
Wood Bulletin Board Trim, white	English Bldg/ Floor 2/ Room 201	Intact	45 LF

Material Description	Location	Condition	Quantity
Wood Chalkboard Frame, white	English Bldg/ Floor 1/ Room E100	Intact	1 EA
Wood Door Frame, blue	English Bldg/ Floor 1/ Room E104A	Intact	1 EA
Wood Wall Trim, green	English Bldg/ Floor 1/ Room E105	Intact	8 LF
Wood Wall Trim, white	English Bldg/ Floor 2/ Room 203A	Intact	20 LF

History Building

Material Description	Location	Condition	Quantity
Ceramic Floor Tile, white	History Bldg/ Floor 1/ Room H111	Intact	60 SF
Concrete Wall, green	History Bldg/ Basement/ Room H023	Peeling	330 SF
Concrete Wall, white	History Bldg/ Floor 1/ Basement Hall	Intact	600 SF
Drywall Wall, white	History Bldg/ Floor 2/ Room H206	Intact	250 SF
Metal Window Casing, white	History Bldg/ Floor 1/ Room 215	Peeling	5 EA
Metal Window Sill, white	History Bldg/ Floor 1/ Room H119	Intact	35 LF
Plaster Wall, white	History Bldg/ Floor 1/ Room H116	Intact	300 SF
Wood Window Casing, white	History Bldg/ Floor 1/ Rooms H103, H106, H114, H116, H120, H125, Floor 2/ Rooms H202-204, H206, H208-210, H212-216	Intact	67 EA
Wood Window Frame, white	History Bldg/ Stairway Landing	Fair	20 SF

Language Building

Material Description	Location	Condition	Quantity
Porcelain Sink, white	Language Bldg/ Floor 1/ Room L109B, Floor 2/ Rooms L207B, L210A, L210D	Intact	4 EA

North Gym

Material Description	Location	Condition	Quantity
Ceramic Basecove, green	North Gym/ Floor 2/ Rooms NG211, NG212	Intact	60 LF
Concrete Wall, white	North Gym/ Floor 1/ Room NG160	Intact	100 SF
Metal Cabinet, gray	North Gym/ Floor 1/ Room NG112	Intact	2 EA
Metal Cage Fencing/ Posts, white	North Gym/ Floor 1/ Room NG140	Intact	1 EA
Metal Door Frame, white	North Gym/ Basement/ Room NG15 Storage	Intact	1 EA
Metal Door, brown	North Gym/ Floor 1/ Room NG150	Fair	1 EA
Metal Door, white	North Gym/ Floor 1/ Room NG145	Fair	2 EA
Metal I-Beam, yellow	North Gym/ Floor 1/ Room NG145	Intact	40 LF
Metal Locker, blue	North Gym/ Floor 2/ Room NG201A	Intact	15 EA
Metal Rail, blue	North Gym/ Floor 1/ Room NG140	Intact	300 LF
Metal Water Pipe, white	North Gym/ Basement/ Room NG15 Storage	Intact	20 LF

Material Description	Location	Condition	Quantity
Plaster Wall, white	North Gym/ Floor 1/ Rooms NG140 Hallway, NG164	Fair	500 SF
Porcelain Sink, white	North Gym/ Floor 1/ Room NG115, Floor 2/ Room NF211, NG212	Fair	3 EA
Porcelain Urinal, white	North Gym/ Floor 2/ Room NG211	Intact	1 EA
Wood Door, white	North Gym/ Floor 1/ Room NG115, Floor 2/ Coach Office	Intact	5 EA

Pool Building

Material Description	Location	Condition	Quantity
Metal Locker, blue	Pool Bldg/ Floor 1/ Room P111	Intact	43 EA

Science Building

Material Description	Location	Condition	Quantity
Metal Conduit, blue	Science Bldg/ Floor 1/ Room S104C	Intact	18 EA
Metal Door Frame, blue	Science Bldg/ Floor 1/ Hallway, Floor 2/ Hallway	Fair	27 EA
Metal Window Frame, blue	Science Bldg/ Floor 1/ Rooms S100, S102 S102A, S104, S104B, S105, S107, S107P, Floor 2/ Rooms S201A, S202, S204, S207	Intact	196 EA
Metal Window Frame, light blue	Science Bldg/ Floor 1/ Room 101A	Peeling	5 EA
Metal Window Frame, white	Science Bldg/ Floor 1/ Rooms S101, S103	Fair	47 EA
Porcelain Sink, white	Science Bldg/ Floor 1/ Room S101C	Intact	1 EA

South Gym

Material Description	Location	Condition	Quantity
Metal Door Frame, blue	South Gym/ West Hallway	Intact	1 EA
Metal Door Frame, white	South Gym/ Floor 2/ Rooms SG205, SG206, SG206A	Intact	4 EA
Porcelain Sink, white	South Gym/ Floor 1/ Room SG120	Intact	4 EA
Wood Bulletin Board, white	South Gym/ West Hallway	Intact	55 SF

Technology Building

Material Description	Location	Condition	Quantity
Porcelain Sink, white	Technology Bldg/ Floor 1/ Custodian Room	Intact	1 EA
Steel Water Pipe, white	Technology Bldg/ Floor 1/ Custodian Room	Intact	30 LF
Metal Door Frame, blue	Technology Bldg/ Floor 1/ Room T105C	Intact	1 EA

EA = Each
SF = Square Feet
LF = Linear Feet

Lead is a hazardous substance. Its condition, handling and disposal are regulated by Federal, State, and local agencies. Lead-containing materials, LBP and LCP generally do not pose a health

risk unless the material is disturbed or sufficiently deteriorated to produce dust, which may become airborne and inhaled or ingested.

Cal/OSHA regulations (8 CCR 1532.1 - Lead Construction Standard) do not provide a definition for "lead-based paint," but rather provide a Permissible Exposure Limit (PEL) for worker exposure to airborne lead particles of 50 micrograms per cubic meter of air ($50 \mu\text{g}/\text{m}^3$ for an 8-hour time-weighted average). The OSHA Lead Construction Standard also lists an Action Level of $30 \mu\text{g}/\text{m}^3$ for an 8-hour time-weighted average. All employees (workers) and supervisors who are engaged in lead related construction and shown to be exposed to lead at or above the Permissible Exposure Limit shall be trained by state-accredited training providers and certified by the California Department of Public Health.

ATC understands that the Science Building and Technology Building are scheduled for demolition in the near future. ATC recommends that all lead-containing materials be removed and/or stabilized prior to the scheduled demolition. Contractors must use lead safe work practices when disturbing the material listed above.

If lead-containing material, LBP or LCP will be impacted by the scope of work (activities such as demolition, sanding, sand /shot blasting, chipping or any other method of surface preparation which may cause potential airborne lead concentrations to exceed the CAL/OSHA action level) during the building renovation, ATC recommends removal and/or stabilization of those building materials denoted above that will be disturbed during the upcoming modernization, as well as, other surfaces of similar substrate, color and condition. Contractor must use lead safe work practices when disturbing any of the materials listed above.

Work activities impacting the lead-containing materials pose a potential exposure risk for workers and/or building occupants. Workers trained in proper safety and respiratory techniques should perform work activities that may impact the LBP. All construction work where an employee may be occupationally exposed to lead must comply with CAL/OSHA requirements. This regulation requires initial employee exposure monitoring to evaluate worker exposure during work that disturbs lead-containing materials (lead present in detectable levels). Any disturbance to LBP surfaces or materials, such as demolition, sanding, sand /shot blasting, chipping or any other method of surface preparation which may cause potential airborne lead concentrations above current regulatory levels are prohibited by state law.

4.0 OTHER HAZARDOUS MATERIALS

ATC’s field technicians conducted a visual inspection of the buildings for the presence of mercury in devices including thermostats and exterior flood lights, equipment containing Polychlorinated Biphenyls (PCBs) such as light ballasts, equipment containing chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs) such as air conditioning units and refrigerators, fluorescent light tubes and compact fluorescent lights, and other miscellaneous hazardous materials.

4.1 Devices Containing Mercury

ATC’s field staff observed forty-three (43) thermostats and one hundred twenty (120) Mercury Vapor Lights (MVLs) throughout the interior and exterior of the facility.

Table VI –Mercury Locations and Quantities

Building	Material / Quantity
Administration Building	Thermostats – 14 MVLs – 7
Art Building	Thermostats – 0 MVLs – 2
Barnum Hall	Thermostats – 5 MVLs – 6
Business Building	Thermostats – 0 MVLs – 8
Cafeteria	Thermostats – 2 MVLs – 2
English Building	Thermostats – 0 MVLs – 4
History Building	Thermostats – 1 MVLs – 5
Language Building	Thermostats – 2 MVLs – 10
Music Building	Thermostats – 2 MVLs – 11
North Gym	Thermostats – 0 MVLs – 18
Pool Building	Thermostats – 3 MVLs – 0
Science Building	Thermostats – 1 MVLs – 19
South Gym	Thermostats – 0 MVLs – 3
Technology Building	Thermostats – 13 MVLs – 25
TOTAL	Thermostats – 43 MVLs – 120

Mercury is a heavy, shiny, silvery-white poisonous metal that is a liquid at room temperature. Liquid mercury evaporates at room temperature and gives off harmful, invisible, odorless vapors. Breathing these vapors causes the most harm to people, but mercury can also be harmful when swallowed or when it contacts broken skin. Mercury is quite toxic: it causes birth defects and works its way into the food chain. Women and children are most at risk from mercury poisoning, which can cause brain and nerve damage resulting in impaired coordination, blurred vision, tremors, irritability and memory loss.

Mercury is a fast-moving liquid that spreads quickly. Prompt containment and control of both the liquid and its vapors is very important. In general, do not remove the mercury from a device such as a switch.

All thermostats, if impacted or disturbed by the scope of work, should be kept intact, removed, and containerized in a manner that will prevent breakage, spillage, or release. Label and store the mercury-containing devices to ensure proper handling, transportation and disposal prior to demolition.

4.2 Equipment Containing Polychlorinated Biphenyls

ATC’s field staff observed six thousand three hundred seventy-five (6,375) ballasts throughout the classrooms. All ballasts that potentially contain PCBs, if impacted or disturbed by the scope of work, should be closely inspected and removed prior to modernization/demolition.

Table VII – Ballast Locations and Quantities

Building	Quantity
Administration Building	220
Art Building	184
Barnum Hall	87
Business Building	543
Cafeteria	116
English Building	694
History Building	730
Language Building	922
Music Building	374
North Gym	414
Pool Building	84
Science Building	588
South Gym	389
Technology Building	1,030
TOTAL	6,375

PCBs are a family of chlorinated compounds that were dielectric or especially non-conductive. PCBs are oily liquids that are usually pale yellow to clear. PCBs are a family of chemicals manufactured and used in the United States until the late 1970's, which were mostly used in electrical devices like capacitors, transformers and lighting ballasts to protect their oils from breaking down at high temperatures. These substances are strictly regulated because of their toxicity and persistence in the environment.

PCBs continue to be a major source of fish contamination, leading to fish consumption advisories for people. Management of PCBs is based on their concentration in an item. Materials with PCB concentrations of 50 parts per million (ppm) or greater are regulated by the U.S. EPA under the Toxic Substances Control Act (TSCA).

All PCB light ballasts that will be impacted or disturbed by the scope of work should be kept intact, removed, and containerized in a manner that will prevent breakage, spillage, or release. Label and store the PCBs to ensure proper handling, transportation and disposal prior to modernization/demolition.

4.3 Equipment Containing Chlorofluorocarbons and Hydrochlorofluorocarbons

ATC's field staff observed one hundred seven (107) air conditioning units throughout the school facility. These units, if impacted or disturbed by the scope of work, may contain CFC's or HCFC's (Freon) and should be properly recovered prior to demolition or modernization activities.

Table VIII – Air Conditioning Unit Locations and Quantities

Building	Quantity
Administration Building	0
Art Building	4
Barnum Hall	1
Business Building	14
Cafeteria	1
English Building	18
History Building	28
Language Building	0
Music Building	5
North Gym	2
Pool Building	0
Science Building	0
South Gym	0
Technology Building	34
TOTAL	107

CFCs and HCFCs are man-made refrigerants that destroy the ozone layer. Federal laws also prohibit releases and also require recovery of these substances, as well as other refrigerants that are global warming gases or pose other health or environmental problems. They must be properly recovered, using approved equipment operated by qualified technicians.

4.4 Fluorescent Light Tubes

ATC’s field staff observed twelve thousand four hundred eighty-one (12,481) fluorescent light tubes and four hundred seventy-three (473) Compact Fluorescent Lights (CFLs) throughout the classrooms. The tubes that will be impacted or disturbed by the scope of work should be removed and disposed of properly in accordance with California Code of Regulations, Title 22, Division 4.5, Hazardous Waste Management prior to modernization/demolition.

Table IX – Fluorescent Light Tube / CFLs Locations and Quantities

Building	Material / Quantity
Administration Building	Tubes – 439 CFLs – 0
Art Building	Tubes – 368 CFLs – 0
Barnum Hall	Tubes – 174 CFLs – 29
Business Building	Tubes – 1,090 CFLs – 9
Cafeteria	Tubes – 232 CFLs – 104
English Building	Tubes – 1,292 CFLs – 0
History Building	Tubes – 1,456 CFLs – 0
Language Building	Tubes – 1,846 CFLs – 0
Music Building	Tubes – 720 CFLs – 14
North Gym	Tubes – 770 CFLs – 58
Pool Building	Tubes – 168 CFLs – 0
Science Building	Tubes – 1,176 CFLs – 164
South Gym	Tubes – 705 CFLs – 4
Technology Building	Tubes – 2,045 CFLs – 91
TOTAL	Tubes – 12,481 CFLs – 473

4.5 Miscellaneous Hazardous Materials

ATC's field staff observed motion detectors, heat detectors, smoke detectors, hydraulic door closers, and miscellaneous cleaning and chemical supplies throughout the site. These materials, if impacted or disturbed by the scope of work, should be removed and disposed of properly (e.g., recycled) prior to demolition.

Table X – Miscellaneous Materials Locations and Quantities

Building	Material / Quantity
Administration Building	Motion Detectors – 12 Smoke/Heat Detectors – 2 Hydraulic Door Closers – 25 Exit Signs – 4 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 4 Fixed Refrigerators – 1
Art Building	Motion Detectors – 8 Smoke Detectors – 1 Hydraulic Door Closers – 16 Exit Signs – 0 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 4 Fixed Refrigerators – 0
Barnum Hall	Motion Detectors – 14 Smoke/Heat Detectors – 1 Hydraulic Door Closers – 57 Exit Signs – 20 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 6 Fixed Refrigerators – 0
Business Building	Motion Detectors – 27 Smoke Detectors – 6 Hydraulic Door Closers – 50 Exit Signs – 6 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 10 Fixed Refrigerators – 1
Cafeteria	Motion Detectors – 5 Smoke/Heat Detectors – 0 Hydraulic Door Closers – 28 Exit Signs – 8 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 5 Fixed Refrigerators – 6
English Building	Motion Detectors – 19 Smoke/Heat Detectors – 21 Hydraulic Door Closers – 31 Exit Signs – 23 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 12 Fixed Refrigerators – 1

Building	Material / Quantity
History Building	Motion Detectors – 18 Smoke Detectors – 2 Hydraulic Door Closers – 62 Exit Signs – 20 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 3 Fixed Refrigerators – 0
Language Building	Motion Detectors – 6 Smoke Detectors – 19 Hydraulic Door Closers – 60 Exit Signs – 14 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 21 Fixed Refrigerators – 0
Music Building	Motion Detectors – 4 Smoke Detectors – 8 Hydraulic Door Closers – 38 Exit Signs – 17 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 7 Fixed Refrigerators – 0
North Gym	Motion Detectors – 5 Smoke Detectors – 9 Hydraulic Door Closers – 52 Exit Signs – 20 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 2 Fixed Refrigerators – 0
Pool Building	Motion Detectors – 3 Smoke Detectors – 0 Hydraulic Door Closers – 16 Exit Signs – 6 Misc. Cleaning and Chemical Supplies – ND Fire Extinguishers – 0 Fixed Refrigerators – 0
Science Building	Motion Detectors – 14 Smoke Detectors – 28 Hydraulic Door Closers – 47 Exit Signs – 4 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 18 Fixed Refrigerators – 2
South Gym	Motion Detectors – 6 Smoke Detectors – 2 Hydraulic Door Closers – 46 Exit Signs – 35 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 2 Fixed Refrigerators – 0

Building	Material / Quantity
Technology Building	Motion Detectors – 21 Smoke Detectors – 35 Hydraulic Door Closers – 86 Exit Signs – 28 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 79 Fixed Refrigerators – 0
TOTAL	Motion Detectors – 162 Smoke Detectors – 134 Hydraulic Door Closers – 614 Exit Signs – 205 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 173 Fixed Refrigerators – 11

ND = Not Detected

4.6 Conclusions and Recommendations

Based on information collected from the Hazardous Material Survey, ATC offers the following recommendations:

- Prior to the scheduled demolition of the Science Building and Technology Building, remove all items identified and listed above in Section 4 (other hazardous materials) in addition to the materials listed in Table II (ACM) and Table V (lead) of this report in accordance with applicable Federal, State and local regulations.
- Perform a follow-up inspection of the Science Building and Technology Building prior to demolition to confirm the hazardous items have been removed before commencing with demolition activities.
- Prior to the scheduled modernization of the site, remove all items identified and listed above that will be impacted or disturbed by the scope of work in Section 4 (other hazardous materials) in addition to materials listed above in Table II (ACM) and Table V (lead) of this report in accordance with applicable Federal, State and local regulations.
- Perform a follow-up inspection of the site prior to the modernization to confirm all impacted hazardous items have been removed before commencing with modernization activities.

5.0 LIMITATIONS

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with principles and practices in the fields of environmental science and engineering. The results, findings, conclusions, and recommendations expressed in the report are based only on conditions that were noted during the noted dates of fieldwork. This warranty is in lieu of all other warranties either expressed or implied. This company is not responsible for the independent conclusions, opinions, or recommendations made by others based on the results and designs presented in this report.

The passage of time may result in a change in the environmental characteristics at this site and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated.

Reasonable effort is made by ATC personnel to locate and sample materials representative of the site structures. However, for any facility, the existence of unique or concealed materials or debris not observed by ATC is a possibility. ATC does not warrant, guarantee or profess to have the ability to locate or identify all concealed hazardous materials at the facility. This report is intended for the sole use of SMMUSD. This report is not intended to be utilized as a construction and/or bidding document, nor is this document designed to be used as a remediation or abatement specification. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

This inventory does not represent an exhaustive listing of types of materials that may be required to be removed from a building prior to demolition. Any conditions or materials that could not be visually identified on the surface were not inspected and may differ from those conditions or materials noted.

6.0 SIGNATURES

This report presents the results of the hazardous material survey that was prepared by Staff Scientist Ms. Rebecca Stark, and reviewed by Mr. Paul Cota (CAC, LRCIA), and Mr. Stephen Drenson, (CAC, LRCIA).

ATC appreciates the opportunity to be of service to SMMUSD on this project and looks forward to working with you on future assignments. In the meantime, if you have questions or comments regarding the information in this report or if we can be of further assistance, please do not hesitate to contact the undersigned in the ATC Los Angeles, California office at (323) 517-9780.

Respectfully submitted,
ATC ASSOCIATES INC.



Paul A. Cota
Project Manager
Certified Asbestos Consultant No. 06-3978
LRCIA No. 14316



Stephen R. Drenson
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APPENDIX A

Asbestos Laboratory Analytical Report & Sample Logs



Hygeia Laboratories Inc.

82 W. Sierra Madre Blvd
Sierra Madre, CA 91024-2434
(626) 355-4711 (626) 355-4497 Fax

NIST/NVLAP Lab Code 102116-0
California ELAP Certificate No. 1269

Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

May 29, 2009

Mr. Paul Cota ATC Los Angeles 25 Cupania Circle Monterey Park, CA 91755		Hygeia Reference No.: 00052 09 0287 Samples Analyzed: 66 Sampler: N/A Sample Condition: Acceptable Date Collected: May 11, 2009 Date Received: May 21, 2009 Date Analyzed: May 28, 2009															
Client Reference: 52.25526.0002 (T1) SMMUSD - Santa Monica HS		Asbestos Type, %						Non-Asbestos Constituents, %						QC			
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	Asbestos Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite		Organic Binders	Paint	Perlite
001 1173119	Duct seam tape - white	No							5			45		50			
002 1173120	Duct seam tape - white	No							5			45		50			
003 1173121	Duct seam tape - white	No							5			45		50			
004 1173122	Carpet mastic - black	Yes	2						3		10	35		50			
007 1173125	2' x 4' ceiling panel - white/grey	No							60	10		15			5	10	
008 1173126	2' x 4' ceiling panel - white/grey	No							60	10		15			5	10	
009 1173127	2' x 4' ceiling panel - white/grey	No							60	10		15			5	10	
010 1173128	TSI pipe insulation - white	Yes	5	25								70					
013 1173131	Duct wrap tape - Tan/black	No							70	20		10					
014 1173132	Duct wrap tape - Tan/black	No							40	50		10					
015 1173133	Duct wrap tape - Tan/black	No							40	50		10					
016 1173134	2' x 2' ceiling panel - white/grey	No							60	10		10			5	15	X
017 1173135	2' x 2' ceiling panel - white/grey	No							60	10		10			5	15	



Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

May 29, 2009

Client Reference: 52.25526.0002 (T1) SMMUSD - Santa Monica HS		Asbestos Type, %						Non-Asbestos Constituents, %						QC		
		Asbestos Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite		Organic Binders	Paint
Client Sample ID Hygeia Sample ID	Sample Description - color Comments															
018 1173136	2' x 2' ceiling panel - white/grey	No						60	10		10			5	15	
019 1173137	2' x 4' ceiling panel - white/grey	No						60	5		15			5	15	
020 1173138	2' x 4' ceiling panel - white/grey	No						60	5		15			5	15	
021 1173139	2' x 4' ceiling panel - white/grey	No						60	5		15			5	15	
022 1173140	Sheet flooring - grey	No									80		20			
022 1173140M	Sheet flooring mastic - yellow	No						5			40		55			
023 1173141	Sheet flooring - grey	No									80		20			X
023 1173141M	Sheet flooring mastic - yellow	No						5			40		55			
024 1173142	Sheet flooring - grey	No									80		20			
024 1173142M	Sheet flooring mastic - yellow	No						5			40		55			
025 1173143	Sheet flooring - grey	No									80		20			X
025 1173143M	Sheet flooring mastic - yellow	No						5			20		75			
026 1173144	Sheet flooring - grey	No									80		20			
026 1173144M	Sheet flooring mastic - yellow	No						5			20		75			
027 1173145	Sheet flooring - grey	No									80		20			
027 1173145M	Sheet flooring mastic - yellow	No						5			20		75			



Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

May 29, 2009

Client Reference: 52.25526.0002 (T1) SMMUSD - Santa Monica HS		Asbestos Type, %						Non-Asbestos Constituents, %						QC		
		Asbestos Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite		Organic Binders	Paint
Client Sample ID Hygeia Sample ID	Sample Description - color Comments															
028 1173146	Pipe wrap - brown	No						95			5					
029 1173147	Pipe wrap - brown	No						95			5					
030 1173148	Pipe wrap - brown	No						95			5					
031 1173149	TSI pipe run insulation - white	Yes	3	20							77					
034 1173152	Sheet flooring - green	No									10		90			
035 1173153	Sheet flooring - green	No									10		90			
036 1173154	Sheet flooring - green	No									10		90			
037 1173155	TSI pipe insulation - tan	Yes	2	20							78					X
040 1173158	Duct sealant - grey	No							5		75		20			
041 1173159	Duct sealant - grey	No							5		75		20			
042 1173160	Duct sealant - grey	No							5		75		20			
043 1173161	12" x 12" floor tile - purple	No									80		20			X
043 1173161M	Floor tile mastic - yellow	No						2			68		30			
044 1173162	12" x 12" floor tile - purple	No									80		20			
044 1173162M	Floor tile mastic - yellow	No						2			68		30			
045 1173163	12" x 12" floor tile - purple	No									80		20			
045 1173163M	Floor tile mastic - yellow	No						2			68		30			
046 1173164	9" x 9" floor tile - tan	Yes	3								77		20			
049 1173167	Floor tile mastic - black	Yes	5								35		60			



Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

May 29, 2009

Client Reference: 52.25526.0002 (T1) SMMUSD - Santa Monica HS		Asbestos Type, %						Non-Asbestos Constituents, %						QC		
		Asbestos Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite		Organic Binders	Paint
Client Sample ID Hygeia Sample ID	Sample Description - color Comments															
052 1173170	2' x 4' ceiling panel - white/grey	No						65	10		10			5	10	
053 1173171	2' x 4' ceiling panel - white/grey	No						65	10		10			5	10	
054 1173172	2' x 4' ceiling panel - white/grey	No						65	10		10			5	10	
055 1173173	Sheet flooring - grey	No									80		20			X
056 1173174	Sheet flooring - grey	No									80		20			
057 1173175	Sheet flooring - grey	No									80		20			
058 1173176	Carpet mastic - yellow/black	No						5			40		55			
059 1173177	Carpet mastic - yellow/black	No						5			40		55			
060 1173178	Carpet mastic - yellow/black	No						5			40		55			
061 1173179	Carpet mastic - yellow	No						3		2	55		40			
062 1173180	Carpet mastic - yellow	No						3		2	55		40			
063 1173181	Carpet mastic - yellow	No						3		2	55		40			
064 1173182	12" x 12" floor tile - purple	No									80		20			
065 1173183	12" x 12" floor tile - purple	No									80		20			
066 1173184	12" x 12" floor tile - purple	No									80		20			
067 1173185	Floor tile mastic - black	No									60		40			X
068 1173186	Floor tile mastic - black	No									60		40			



Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

May 29, 2009

Client Reference: 52.25526.0002 (T1) SMMUSD - Santa Monica HS		Asbestos Type, %						Non-Asbestos Constituents, %						QC		
		Asbestos Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite		Organic Binders	Paint
Client Sample ID Hygeia Sample ID	Sample Description - color Comments															
069 1173187	Floor tile mastic - black	No									60		40			

Microscopist - Fidel Gutierrez

Microscopist - Guillermo Hernandez

The analyses of the samples in this report were performed using polarized light microscopy using the EPA method 600/R-93/116. The phase abundances provided are visually estimated and expressed as percent area. Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content.

Hygeia recommends transmission electron microscopy (TEM) analysis on organically bound bulk materials (eg., vinyl floor tile, mastics, roofing materials, joint compounds) when PLM analysis shows undetectable quantities of asbestos. These materials often contain milled asbestos with fiber diameters and lengths too small to be resolved by the PLM and the analysis may yield a false negative result.

Hygeia Laboratories Inc. is accredited under the NIST/NVLAP program for asbestos in bulk material by polarized light microscopy and the State of California for asbestos analysis.

Hygeia Laboratories Inc. and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used to claim product endorsement by NVLAP or any agency of the US Government. Hygeia will retain samples for a period of three months unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory. Please feel free to contact Hygeia regarding any questions about these results, this report, or the analytical methods employed.

Arturo Casas - Supervisor of Optical Microscopy



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NIST/NVLAP Lab Code 102116-0
California ELAP Certificate No. 1269

Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

May 29, 2009

Mr. Paul Cota ATC Los Angeles 25 Cupania Circle Monterey Park, CA 91755		Hygeia Reference No.: 00052 09 0295 Samples Analyzed: 10 Sampler: R. de la Torre/D. Carrier Sample Condition: Acceptable Date Collected: May 15, 2009 Date Received: May 27, 2009 Date Analyzed: May 29, 2009													
Client Reference: 52.25526.0001 (T1) SMMUSD - Santa Monica HS		Asbestos Type, %						Non-Asbestos Constituents, %						QC	
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	Asbestos Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite		Organic Binders
070 1173535	9" x 9" floor tile - brown	Yes	3									77	20		
073 1173538	Floor tile mastic - black	Yes	5									30	65		
076 1173541	9" x 9" floor tile - tan	Yes	3									77	20	X	
079 1173544	Floor tile mastic - black	Yes	5									30	65		
082 1173547	12" x 12" floor tile - grey	No										80	20		
083 1173548	12" x 12" floor tile - grey	No										80	20		
084 1173549	12" x 12" floor tile - grey	No										80	20		
085 1173550	Floor tile mastic - yellow	No							5			55	40		
086 1173551	Floor tile mastic - yellow	No							5			55	40		
087 1173552	Floor tile mastic - yellow	No							5			55	40		

Microscopist - Fidel Gutierrez

The analyses of the samples in this report were performed using polarized light microscopy using the EPA method 600/R-93/116. The phase abundances provided are visually estimated and expressed as percent area. Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content.

Hygeia recommends transmission electron microscopy (TEM) analysis on organically bound bulk materials (eg., vinyl floor tile, mastics, roofing materials, joint compounds) when PLM analysis shows undetectable quantities of asbestos. These materials often contain milled asbestos with fiber diameters and lengths too small to be resolved by the PLM and the analysis may yield a false negative result.

Hygeia Laboratories Inc. is accredited under the NIST/NVLAP program for asbestos in bulk material by polarized light microscopy and the State of California for asbestos analysis.



Bulk Sample Analysis Summary

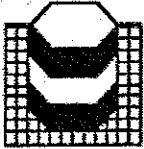
Analytical Method: EPA 600/R-93/116

May 29, 2009

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Arturo Casas - Supervisor of Optical Microscopy

ATC - Request for Laboratory Services / Chain of Custody - Asbestos

Send Report To	<i>PAUL COHA</i>		Hygeia Laboratories Inc. 82 W. Sierra Madre Blvd Sierra Madre, CA 91024 (626) 355-4711 (626) 355-4497 Fax www.hygeialaboratories.com		
Company Name	ATC Los Angeles				
Company Address	25 Cupania Circle				
City State Zip	Monterey Park, CA 91755				
Phone	(323) 517-9780	Fax (323) 517-9781			
Cell Pager		Hygeia Reference #	00052 09 0287		
Client Project Name	SYMMUSD - SANTA MONICA H.S.		(For intercompany billing purposes, please provide current project and task number)		
Client Project #	52.25526.0002 T1		Samples Submitted	69	
Bill Branch #	52		Samples Analyzed		
Send Report Via	<input type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Verbal Results?		<input type="checkbox"/> Do you require a mailed report?		
Email Address					
Turnaround Time	<input checked="" type="checkbox"/> Normal (3-5 business days) <input type="checkbox"/> Next Day (24 hrs) <input type="checkbox"/> Same Day (Rush) <input type="checkbox"/> Weekend Rush				
Type of Sample	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Dust (microvac) <input type="checkbox"/> Dust (wipe) <input type="checkbox"/> Soil <input type="checkbox"/> Paint <input type="checkbox"/> Water <input type="checkbox"/> Other				
Asbestos (Optical)		Asbestos (TEM)			
<input checked="" type="checkbox"/> PLM		<input type="checkbox"/> AHERA			
<input type="checkbox"/> PLM Point Count 400 pts		<input type="checkbox"/> EPA Level II		<input type="checkbox"/> Qualitative Dust	
<input type="checkbox"/> PLM Point Count 1000 pts		<input type="checkbox"/> NIOSH 7402 (PCM Equiv)		<input type="checkbox"/> Quantitative Dust	
<input type="checkbox"/> PCM		<input type="checkbox"/> ISO 10312		<input type="checkbox"/> Semi-Quantitative Bulk	
				<input type="checkbox"/> Full Quantitative Bulk	
				<input type="checkbox"/> Drinking Water (potable)	
				<input type="checkbox"/> Drinking Water (non-potable)	
				<input type="checkbox"/> Partical Characterization	
				<input type="checkbox"/> Supplies	
Additional Instructions					
<input type="checkbox"/> Written Report Requested <div style="text-align: center; font-size: 1.5em; font-weight: bold;">* STOP 1ST POSITIVE</div>					
For Lab Use Only		Sample Integrity <input checked="" type="checkbox"/> accept <input type="checkbox"/> reject		1st Sample # 1173119-187	
Results Reported By				Price / Sample 7-	
Date	Time	Initials			
Date	Time	Initials	Invoice # 77-		
Date	Time	Initials	Log Out Date		
Comments MATERIAL DESCRIPTION FOR # 67-69 WAS CLARIFIED BY ADDING THE WORD "MASTIC" PER PAUL COHA'S INSTRUCTION, 5/29/09 OK.					
Relinquished By (Signature)	Received By (Signature)	Date	Time	Reason for Change of Custody	
<i>[Signature]</i>	<i>[Signature]</i>	5-21-09	12:05PM		
The sample collector is responsible for ensuring that all samples have been preserved according to the appropriate and applicable methodology.					

BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

BLDG. NO. 52

PROJ. NO. 25526

CLIENT: SHUMSD - SANDHI
PROJECT: MODERNIZATION SUBWAY

AREA 0002 TASK NO. 00001

DATE: 05/1/09

AREA NAME/DESCRIPTION

AREA	AREA NAME/DESCRIPTION	AREA	AREA NAME/DESCRIPTION
01	Bldg T 1st Floor		
02	Admin Bldg		

UNIT CODES
 1 LINEAR FEET
 2 SQUARE FEET
 3 SQUARE YARDS
 4 CUBIC INCH
 5 EACH

POSITIVE CODES
 P POSITIVE
 ND NON DETECT
 T TRACE (<1%)
 N NEGATIVE BY POINT COUNT (<0.1%)

PERCENTAGES
 CHRYSOTILE
 AMOSITE
 CROCIDOLITE
 OTHER

SAMPLE #	BLDG/FLOOR	AREA #	AREA USAGE	MTRL CODE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	FRIABILITY CODES	CONDITION CODES	AIR EROSION CODES	CONTACT CODES	VIBRATION CODES	WATER CODES
001	1st Fl	01			White Duct Seam Mastic	4	1	1	1	1		
002					Rm 112 N S/W	1						
003					1st Fl. Elev. to Dia. Closet	1						
004		02			Black Carpet Mastic	27	2	2	2	2		
005					Rm 500 S/W	9						
006					Rm 501 East	5						
007					Rm 510 S/W	2						
008					White Dry Fissured Ceiling Jlr	16	2	2	2	2		
009					Rm 200 East	2						
010		02			White T.S.I. Pipe Insulation	20	2	1	2	1		
					Rm 204 North							
					Rm 500 S/W							
					Each Room							

- AREA USAGE CODES**
- 1 VOID/CHASIS
 - 2 MECHANICAL
 - 3 STORAGE
 - 4 OCCASIONAL
 - 5 CONTINUOUS
- MATERIAL CODES (SEE BELOW)**
- 24 SPRAY-APPLIED ACOUSTIC MATL
 - 25 ACOUSTIC PANEL (ROOF CUT)
 - 26 ACOUSTIC PANEL (2'X2')
 - 27 ACOUSTIC PANEL (2'X4')
 - 28 ACOUSTIC TILE (12'X12')
 - 29 ACOUSTIC TILE (1'X2')
 - 30 ACOUSTIC TILE MASTIC
 - 31 RESILIENT FLOOR TILE (9"X9")
 - 32 RESILIENT FLOOR TILE (12"X12")
 - 33 FLOOR TILE MASTIC
 - 34 RESILIENT SHEET FLOORING
 - 35 SHEET FLOORING MASTIC
 - 36 BASEBOARD
 - 37 BASEBOARD MASTIC
 - 38 SPRAY-APPLIED-FIREPROOFING
 - 39 HVAC FLEXIBLE CONNECTOR
 - 40 DUCT INSULATION
 - 41 DUCT INSULATION LAGGING
 - 42 DUCT TAPE
 - 43 ROOFING COMPOSITE
 - 44 ROOFING CAP SHEET
 - 45 ROOFING SHINGLE
 - 46 ROOFING FLASHING
 - 47 ROOFING FELT
 - 48 ROOFING MASTIC
 - 49 THERMAL INSULATION
 - 50 HEAT SHIELD
 - 51 TRANSITE SHEET MATL
 - 52 MORTAR/GROUT
 - 53 SINK UNDERCOAT MATERIAL
 - 54 POWER LEAD INSULATION
 - 55 WALL PAPER
 - 56 FABRIC/ROPE
 - 57 WOOD FLOOR MASTIC
 - 58 FIRE-RATED/INSULATED DOOR CORE

ANALYST SIGNATURE/DATE
[Signature] 5-29-09
 LAB DIRECTOR'S SIGNATURE/DATE
[Signature] 5-29-09

- FOR LAB USE ONLY**
- 59 EXTERIOR STUCCO
 - 60 ROOF PENETRATION MASTIC
 - 61 CARPET MASTIC
 - 62 OTHER (DESCRIBE)

00052 09 0207

BULK SAMPLE LOG



26 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

PAGE 2 OF

DATE: 05/1/07

BBLG. TYPE

TASK NO. 00001

601 Pico Bl. SM 90405

AREA 0002

AREA ADMIN BLDG

AREA EXHIBIT ROOM

AREA 02

AREA ADMIN BLDG

AREA EXHIBIT ROOM

CLIENT: SAMUO - SANDOZ

PROJECT: MODERNIZATION Summary

EVALUATE:

UNIT CODES
1 LINEAR FEET
2 SQUARE FEET
3 SQUARE YARDS
4 CUBIC INCH
6 EACH

POS/NEG. CODES
P POSITIVE
ND NON DETECT
T TRACE (<1%)
N NEGATIVE BY
POINT COUNT (<0.1%)

PERCENTAGES
CHRYSO TILE
AMOSITE
CROCIDOLITE
OTHER

SAMPLE #	BLOG/FLOOR	AREA #	AREA USAGE	MTRL CODE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	FRIABILITY CODES	CONDITION CODES	AIR EROSION CODES	CONTACT CODES	VIBRATION CODES	WATER CODES
01	1ST	1	1	16	MESH BOARD							
02	1ST	1	1	17	MESH BOARD							
03	1ST	2	2	42	BROWN DUCT TAPE							
04	1ST	1	1	18	MESH BOARD							
05	1ST	1	1	19	MESH BOARD							
06	1ST	3	5	26	2"x2" WHITE FIBERGLASS TAPE							
07	1ST	1	1	27	2"x2" WHITE FIBERGLASS TAPE							
08	2ND	3	5	27	2"x2" WHITE FIBERGLASS TAPE							
09	2ND	1	1	28	2"x2" WHITE FIBERGLASS TAPE							
10	2ND	1	1	29	2"x2" WHITE FIBERGLASS TAPE							
11	2ND	1	1	30	2"x2" WHITE FIBERGLASS TAPE							
12	2ND	1	1	31	2"x2" WHITE FIBERGLASS TAPE							

MATERIAL CODES (SEE BELOW)

- 24 SPRAY-APPLIED ACOUSTIC MATL (ROOF CUT)
- 25 ACOUSTIC PANEL (2X2)
- 26 ACOUSTIC PANEL (2X4)
- 27 ACOUSTIC TILE (12X12)
- 28 ACOUSTIC TILE (12X12)
- 29 ACOUSTIC TILE (12X2)
- 30 ACOUSTIC TILE MASTIC
- 31 RESILIENT FLOOR TILE (9"X9")
- 32 RESILIENT FLOOR TILE (12"X12")
- 33 FLOOR TILE MASTIC
- 34 RESILIENT SHEET FLOORING
- 35 SHEET FLOORING MASTIC
- 36 BASEBOARD
- 37 BASEBOARD MASTIC
- 38 SPRAY-APPLIED-FIREPROOFING
- 39 HVAC FLEXIBLE CONNECTOR
- 40 DUCT INSULATION
- 41 DUCT INSULATION LAGGING
- 42 DUCT TAPE

AREA USAGE CODES

- 1 VOID/CHASE
- 2 MECHANICAL
- 3 STORAGE
- 4 OCCASIONAL
- 5 CONTINUOUS

FOR LAB USE ONLY

- 59 EXTERIOR STUCCO
- 60 ROOF PENETRATION MASTIC
- 61 CARPET MASTIC
- 62 OTHER (DESCRIBE)

FRIABILITY CODES
1 NON-FRIABLE
2 FRIABLE

CONDITION CODES
1 GOOD
2 DAMAGED
3 SIGNIFICANTLY DAMAGED

AIR EROSION CODES
1 LOW
2 MODERATE
3 HIGH

CONTACT CODES
1 LOW
2 MODERATE
3 HIGH

VIBRATION CODES
1 LOW
2 MODERATE
3 HIGH

WATER CODES
1 LOW
2 MODERATE
3 HIGH

ANALYST'S SIGNATURE: [Signature]
LAB DIRECTOR'S SIGNATURE: [Signature]

DATE: 5-29-09

601 Pico Bl. SM 90405

PAGE 3 OF

BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

DATE: 05/1/09

TASK NO. 00001

0002

25526

SUNUSD - SANOH1

MODERNIZATION Summary

AREA	AREA NAME/DESCRIPTION	AREA	AREA NAME/DESCRIPTION
03	GRASSH BUGS	05	APT DRAINING
04	BUSINESS BOSS		

UNIT CODES
 1 LINEAR FEET
 2 SQUARE FEET
 3 SQUARE YARDS
 4 CUBIC INCH
 5 EACH

PERCENTAGES
 POSITIVES
 P POSITIVE
 ND NON DETECT
 T TRACE (<1%)
 N NEGATIVE BY
 POINT COUNT (<0.1%)

CHRYSOITILE
 AMOSITE
 CROCIDOLITE
 OTHER

SAMPLE #	BLDG. FLOOR	AREA #	AREA USAGE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	CONDITION CODES	AIR EROSION CODES	CONTACT CODES	VIBRATION CODES	WATER CODES
021	2ND	1	1	CARPET		1 GOOD	1 LOW	1 LOW	1 LOW	1 LOW
022	STAIRWELL	035	5	GRAY SHEET PROOFING - YIELD SOUTH STAIRWELL	175	1 NON-FRIABLE	1 LOW	1 LOW	1 LOW	1 LOW
023		1	1	GRAY SHEET PROOFING - YIELD SOUTH STAIRWELL		2 DAMAGED	2 MODERATE	2 MODERATE	2 MODERATE	2 MODERATE
024		1	1	STAIRWELL		3 SIGNIFICANTLY DAMAGED	3 HIGH	3 HIGH	3 HIGH	3 HIGH
025	STAIRWELL	045	5	GRAY SHEET FLOORING & MASTIC	175	1 NON-FRIABLE	1 LOW	1 LOW	1 LOW	1 LOW
026		1	1	STAIRWELL		2 DAMAGED	2 MODERATE	2 MODERATE	2 MODERATE	2 MODERATE
027		1	1	STAIRWELL		3 SIGNIFICANTLY DAMAGED	3 HIGH	3 HIGH	3 HIGH	3 HIGH
028	APT BASEMENT	052	2	TAN CANVAS PINE WLRP CENTER MECH ROOM	75	1 NON-FRIABLE	1 LOW	1 LOW	1 LOW	1 LOW
029		1	1	CENTER		2 DAMAGED	2 MODERATE	2 MODERATE	2 MODERATE	2 MODERATE
030		1	1	CENTER		3 SIGNIFICANTLY DAMAGED	3 HIGH	3 HIGH	3 HIGH	3 HIGH

AREA USAGE CODES (SEE BELOW)	MATERIAL CODES (SEE BELOW)	FOR LAB USE ONLY
1 VOID/CHASE CAVITY	43 ROOFING COMPOSITE (ROOF CUT)	# 22, 23, 24 MASTIC AZE ND
2 MECHANICAL	44 ROOFING CAP SHEET	# 25, 26, 27 MASTIC AZE ND
3 STORAGE	45 ROOFING SHINGLE	
4 OCCASIONAL	46 ROOFING FLASHING	
5 CONTINUOUS	47 ROOFING FELT	
	48 ROOFING MASTIC	
	49 THERMAL INSULATION	
	50 HEAT SHIELD	
	51 TRANSITE SHEET MATT	
	52 MORTAR/GROUT	
	53 SINK UNDERCOAT MATERIAL	
	54 POWER LEAD INSULATION	
	55 WALL PAPER	
	56 FABRIC/ROPE	
	57 WOOD FLOOR MASTIC	
	58 FIRE-RATED INSULATED DOOR CORE	
	59 EXTERIOR STUCCO	
	60 ROOF PENETRATION MASTIC	
	61 CARPET MASTIC	
	62 OTHER (DESCRIBE)	

ANALYST'S SIGNATURE/DATE
 LAB DIRECTOR'S SIGNATURE/DATE
 5-29-09
 5-29-09

601 Pico Bl. SM 90405

BUILD. NO. _____ BLDG. TYPE _____ TASK NO. _____

PAGE 4 OF _____

BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

DATE: 05/1/09

0002

00001

25526

52

CLIENT: SAMUO - SANOTH

PROJECT: Modernization Survey

EVALTR: _____

AREA	AREA NAME/DESCRIPTION	AREA	AREA NAME/DESCRIPTION
05	AM Building		
06	BARNIUM HALL		
07	3109 Cafeteria		

PERCENTAGES

UNIT CODES
 1 LINEAR FEET
 2 SQUARE FEET
 3 SQUARE YARDS
 4 CUBIC INCH
 5 EACH

POSITIVE CODES
 P POSITIVE
 ND NON DETECT
 T TRACE (<1%)
 N NEGATIVE BY POINT COUNT (<0.1%)

CHRYSOPTILE
 AMOSITE
 CROCIDOLITE
 OTHER
 G.C.

SAMPLE #	BLDG./FLOOR	AREA #	AREA USAGE	MTRL CODE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	UNIT CODES					FRIABILITY CODES	CONDITION CODES	AIR EROSION CODES	CONTACT CODES	VIBRATION CODES	WATER CODES
							1	2	3	4	5						
031	ATTC (RA)	05	2	16	TSI PIPE BOV INSULATION (WHITE CENTER)	801	2	1	1	1	1	1	1	1	1	1	1
032		1	1	1	TSI PIPE BOV INSULATION (WHITE CENTER) (LOW 3 FROM STORAGE HL)	1	1	1	1	1	1	1	1	1	1	1	1
033		1	1	1	ATTC SPACE - CARPET	1	1	1	1	1	1	1	1	1	1	1	1
034	BARNIUM HALL CRAWL	06	5	34	GREEN STAMP SHEET PIPING W/ FIBRISTIC (ROOF) YELLOW (ROOF)	1252	1	1	1	1	1	1	1	1	1	1	1
035		1	1	1	(ROOF)	1	1	1	1	1	1	1	1	1	1	1	1
036		1	1	1	(SEAL)	1	1	1	1	1	1	1	1	1	1	1	1
037	Cafeteria Crawl space	07	1	10	White TSI Pipe Insulation debris (crawl space)	1002	2	3	2	2	2	2	2	2	2	2	2
038		1	1	1	(crawl space)	1	1	1	1	1	1	1	1	1	1	1	1
039		1	1	1	(crawl space)	1	1	1	1	1	1	1	1	1	1	1	1
040	1st	07	2	61	GRAY DUCT SEALANT (Rm C130)	251	1	1	1	1	1	1	1	1	1	1	1

- MATERIAL CODES (SEE BELOW)
- 43 ROOFING COMPOSITE (ROOF CUT)
 - 44 ROOFING CAP SHEET
 - 45 ROOFING SHINGLE
 - 46 ROOFING FLASHING
 - 47 ROOFING FELT
 - 48 ROOFING MASTIC
 - 49 THERMAL INSULATION
 - 50 HEAT SHIELD
 - 51 TRANSITE SHEET MATT
 - 52 MORTAR/GROUT
 - 53 SINK UNDERCOAT MATERIAL
 - 54 POWER LEAD INSULATION
 - 55 WALL PAPER
 - 56 FABRICOPE
 - 57 WOOD FLOOR MASTIC
 - 58 FIRE-RATED INSULATED DOOR CORE
- AREA USAGE CODES
- 1 VOID/CHASE/ CAVITY
 - 2 MECHANICAL
 - 3 STORAGE
 - 4 OCCASIONAL
 - 5 CONTINUOUS
- AREA USAGE CODES (SEE BELOW)
- 24 SPRAY-APPLIED ACOUSTIC MATT
 - 25 ACOUSTIC PANEL (2'X2')
 - 26 ACOUSTIC PANEL (2'X4')
 - 27 ACOUSTIC PANEL (2'X4')
 - 28 ACOUSTIC TILE (12'X12')
 - 29 ACOUSTIC TILE (1'X2')
 - 30 ACOUSTIC TILE MASTIC
 - 31 RESILIENT FLOOR TILE (6"X6")
 - 32 RESILIENT FLOOR TILE (12"X12')
 - 33 FLOOR TILE MASTIC
 - 34 RESILIENT SHEET FLOORING
 - 35 SHEET FLOORING MASTIC
 - 36 BASEBOARD
 - 37 BASEBOARD MASTIC
 - 38 SPRAY-APPLIED-FIREPROOFING
 - 39 HVAC FLEXIBLE CONNECTOR
 - 40 DUCT INSULATION
 - 41 DUCT INSULATION LAGGING
 - 42 DUCT TAPE
- FOR LAB USE ONLY
- 59 EXTERIOR STUCCO
 - 60 ROOF PENETRATION MASTIC
 - 61 CARPET MASTIC
 - 62 OTHER (DESCRIBE)

ANALYST'S SIGNATURE/DATE
 LAB DIRECTOR'S SIGNATURE/DATE
 5-29-09
 5-29-09

00052 090287

601 Pico Bl. SM 90405

BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

PAGE _____ OF _____

DATE: 05/1/09

TASK NO. 00001

0002

25526

CLIENT: SUMMO - SANJOSE

PROJECT: MODERNIZATION SUMMO

EVALTR: _____

AREA	AREA NAME/DESCRIPTION	AREA	AREA NAME/DESCRIPTION	ESTIMATED QUANTITY
02	ADMIN BLDG	07	CAFETERIA BLDG	
08	SCIENCE BLDG			

UNIT CODES
 1 LINEAR FEET
 2 SQUARE FEET
 3 SQUARE YARDS
 4 CUBIC INCH
 5 EACH

POSITIVE CODES
 P POSITIVE
 ND NON DETECT
 T TRACE (< 1%)
 N NEGATIVE BY POINT COUNT (< 0.1%)

PERCENTAGES
 CHRYSOTILE
 AMOSITE
 CROCIDOLITE
 OTHER

SAMPLE #	BLDG./FLOOR	AREA #	AREA USAGE	MTRL CODE	MATERIAL DESCRIPTION	AREA	AREA NAME/DESCRIPTION	ESTIMATED QUANTITY	CONDITION CODES	AIR EROSION CODES	CONTACT CODES	VIBRATION CODES	WATER CODES
041	↓	1/1	1/1	1/1	BOILER INSULATION								
042	↓	1/1	1/1	1/1	BOILER LAGGING								
043	1ST	085	1/1	32	18" X 12" PURPLE FLOOR TILE (W/ MASTIC)	07	CAFETERIA BLDG	270	2	1	1	1	1
044	↓	1/1	1/1	1/1	CHILLER INSULATION								
045	↓	1/1	1/1	1/1	CHILLER LAGGING								
046	LOWER LEVEL	025	1/1	31	9" X 9" GYPSUM FLOTTETIVE	08	SCIENCE BLDG	302	2	1	1	1	1
047	↓	1/1	1/1	1/1	PUMP HOUSING INSULATION								
048	↓	1/1	1/1	1/1	PUMP HOUSING LAGGING								
049	↓	025	1/1	33	BACK FLOTTETIVE MASTIC	08	SCIENCE BLDG	302	2	1	1	1	1
050	↓	1/1	1/1	1/1	TRANSITE PIPE								

- MATERIAL CODES (SEE BELOW)
- 43 ROOFING COMPOSITE (ROOF CUT)
 - 44 ROOFING CAP SHEET
 - 45 ROOFING SHINGLE
 - 46 ROOFING FLASHING
 - 47 ROOFING FELT
 - 48 ROOFING MASTIC
 - 49 THERMAL INSULATION
 - 50 HEAT SHIELD
 - 51 TRANSITE SHEET MATT
 - 52 MORTAR/GROUT
 - 53 SINK UNDERCOAT MATERIAL
 - 54 POWDER LEAD INSULATION
 - 55 WALL PAPER
 - 56 FABRIC/ROPE
 - 57 WOOD FLOOR MASTIC
 - 58 FIRE-RATED INSULATED DOOR CORE
- AREA USAGE CODES
- 1 VOID/CHASE/ CAVITY
 - 2 MECHANICAL
 - 3 STORAGE
 - 4 OCCASIONAL
 - 5 CONTINUOUS
- FRIABILITY CODES
- 1 NON-FRIABLE
 - 2 FRIABLE
- CONDITION CODES
- 1 GOOD
 - 2 DAMAGED
 - 3 SIGNIFICANTLY DAMAGED
- AIR EROSION CODES
- 1 LOW
 - 2 MODERATE
 - 3 HIGH
- CONTACT CODES
- 1 LOW
 - 2 MODERATE
 - 3 HIGH
- VIBRATION CODES
- 1 LOW
 - 2 MODERATE
 - 3 HIGH
- WATER CODES
- 1 LOW
 - 2 MODERATE
 - 3 HIGH

FOR LAB USE ONLY
 #s 43, 44, 45 MASTIC ARE ND

ANALYSIS SIGNATURE/DATE
 LAB DIRECTOR'S SIGNATURE/DATE

5-29-09
 5-29-09

- 59 EXTERIOR STUCCO
- 60 ROOF PENETRATION MASTIC
- 61 CARPET MASTIC
- 62 OTHER (DESCRIBE)

601 Pico Bl. SM 90405

PAGE _____ OF _____

BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91765

DATE: 05/1/09

TASK NO. 00001

0002

CLIENT: SHUMSD - SANDOZ

PROJECT: MODERNIZATION Summary

EVALTR:

AREA NAME/DESCRIPTION

AREA

AREA NAME/DESCRIPTION

AREA

09	CARTRIDGE (GARAGE)	
02	ADMIN BUDA	
10	SOUTH GYM	

UNIT CODES
 1 LINEAR FEET
 2 SQUARE FEET
 3 SQUARE YARDS
 4 CUBIC INCH
 5 EACH

POSITIVE CODES
 P POSITIVE
 ND NON DETECT
 T TRACE (<1%)
 N NEGATIVE BY
 POINT COUNT (<0.1%)

PERCENTAGES
 CHRYSOTILE
 AMOSITE
 CROCIDOLITE
 OTHER

ESTIMATED QUANTITY

MATERIAL DESCRIPTION

MTRL CODE

AREA & USAGE

BLDG./FLOOR

SAMPLE #

SAMPLE #	BLDG./FLOOR	AREA & USAGE	MTRL CODE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	UNIT CODES	CONDITION CODES	AIR EROSION CODES	CONTACT CODES	VIBRATION CODES	WATER CODES
051	↓	1/1	1/1	↓							
052	1ST	095	27	↓	4800	2	1	1	1	2D	
053	2ND	1/1	1/1	↓	1502	2	1	1	1	2D	
054	↓	1/1	1/1	↓	1502	2	1	1	1	2D	
055	STAIRWEN	095	34	↓	1502	2	1	1	1	2D	
056	↓	1/1	1/1	↓	8002	2	1	1	1	2D	
057	↓	1/1	1/1	↓	8002	2	1	1	1	2D	
058	2ND FL	105	61	↓	8002	2	1	1	1	2D	
059	↓	1/1	1/1	↓	8002	2	1	1	1	2D	
060	↓	1/1	1/1	↓	8002	2	1	1	1	2D	

MATERIAL CODES (SEE BELOW)

AREA USAGE CODES

- 01 BOILER INSULATION
- 02 BOILER LAGGING
- 03 BREACHING INSULATION
- 04 CHILLER INSULATION
- 05 CHILLER LAGGING
- 06 CHILLER LAGGING
- 07 STORAGE TANK/EXCHANGER INSUL
- 08 STORAGE TANK/EXCHANGER LAGS
- 09 PUMP HOUSING INSULATION
- 10 PUMP HOUSING LAGGING
- 11 GASKETRY
- 12 PUEL INSULATION
- 13 TRANSITE PIPE
- 14 PIPE FITTING INSULATION
- 15 PIPE FITTING LAGGING
- 16 PIPE RUN INSULATION
- 17 PIPE RUN LAGGING
- 18 PLASTER FINISH/SCRATCH
- 19 PLASTER FINISH COAT
- 20 PLASTER COMPOSITE
- 21 WALL BOARD
- 22 JOINT COMPOUND
- 23 PAINT/COATING
- 24 SPRAY-APPLIED ACOUSTIC MAT'L
- 25 ACOUSTIC PANEL
- 26 ACOUSTIC PANEL (2'X2')
- 27 ACOUSTIC PANEL (2'X4')
- 28 ACOUSTIC TILE (12'X12')
- 29 ACOUSTIC TILE (1'X2')
- 30 ACOUSTIC TILE MASTIC
- 31 RESILIENT FLOOR TILE (9"X9")
- 32 RESILIENT FLOOR TILE (12"X12")
- 33 FLOOR TILE MASTIC
- 34 TRANSITE SHEET
- 35 SHEET FLOORING
- 36 SHEET FLOORING MASTIC
- 37 BASEBOARD
- 38 BASEBOARD MASTIC
- 39 HVAC FLEXIBLE FIREPROOFING
- 40 DUCT INSULATION
- 41 DUCT INSULATION LAGGING
- 42 DUCT TAPE
- 43 ROOFING COMPOSITE (ROOF CUT)
- 44 ROOFING CAP SHEET
- 45 ROOFING SHINGLE
- 46 ROOFING FLASHING
- 47 ROOFING FELT
- 48 ROOFING MASTIC
- 49 THERMAL INSULATION
- 50 HEAT SHIELD
- 51 TRANSITE SHEET MAT'L
- 52 MORTAR/GROUT
- 53 SINK UNDERCOAT MATERIAL
- 54 POWER LEAD INSULATION
- 55 WALL PAPER
- 56 FABRIC/ROPE
- 57 WOOD FLOOR MASTIC
- 58 FIRE-RATED/INSULATED DOOR CORE
- 59 EXTERIOR STUCCO
- 60 ROOF PENETRATION MASTIC
- 61 CARPET MASTIC
- 62 OTHER (DESCRIBE)

FOR LAB USE ONLY

ANALYST'S SIGNATURE/DATE

LAB DIRECTOR'S SIGNATURE/DATE

5/29/09
5-29-09

00052 09 0287

601 Pico Bl. SM 90405

BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

PAGE _____ OF _____

DATE: 05/1/09

TASK NO. 00001

BLDG. TYPE

52 25 826

CLIENT: SUMUSD - SANDHILL

PROJECT: MODERNIZATION SUMMRY

EVALR:

AREA NAME/DESCRIPTION

AREA

AREA NAME/DESCRIPTION

AREA

AREA NAME/DESCRIPTION	AREA	AREA NAME/DESCRIPTION	AREA
10 SOUTH GYM			
11 NORTH GYM			

UNIT CODES
 1 LINEAR FEET
 2 SQUARE FEET
 3 SQUARE YARDS
 4 CUBIC INCH
 5 EACH

POSITIVE CODES
 P POSITIVE
 ND NON DETECT
 T TRACE (<1%)
 N NEGATIVE BY POINT COUNT (<0.1%)

PERCENTAGES
 CHRYSOTILE
 AMOSITE
 CROCIDOLITE
 O.C.
 OTHER

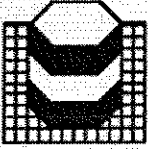
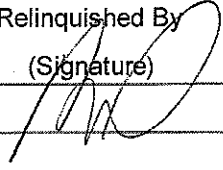
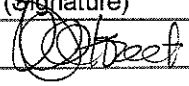
SAMPLE #	BLDG/FLOOR	AREA #	AREA USAGE	MTRL CODE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	CONDITION CODES	AIR EROSION CODES	CONTACT CODES	VIBRATION CODES	WATER CODES
061	1ST FL	105		61	Yellow Carpet Mastic (S&S 105)	300	111111	111111	111111		
062											
063											
064	1ST FL	115		32	Blue Purple Fibrocrete (M103) SIE	225	111111	111111	111111		
065											
066											
067	1ST FL	115			Black Floor Tile (M103) SIE	225	111111	111111	111111		
068											
069											

- AREA USAGE CODES
- 1 VOID/CHASER CAVITY
 - 2 MECHANICAL
 - 3 STORAGE
 - 4 OCCASIONAL
 - 5 CONTINUOUS
- AREA USAGE (SEE BELOW)
- 24 SPRAY-APPLIED ACOUSTIC MATL
 - 25 ACOUSTIC PANEL
 - 26 ACOUSTIC PANEL (2'X2')
 - 27 ACOUSTIC PANEL (2'X4')
 - 28 ACOUSTIC TILE (12'X12')
 - 29 ACOUSTIC TILE (1'X2')
 - 30 ACOUSTIC TILE MASTIC
 - 31 RESILIENT FLOOR TILE (9"X9")
 - 32 RESILIENT FLOOR TILE (12"X12")
 - 33 FLOOR TILE MASTIC
 - 34 RESILIENT SHEET FLOORING
 - 35 SHEET FLOORING MASTIC
 - 36 BASEBOARD
 - 37 BASEBOARD MASTIC
 - 38 SPRAY-APPLIED-FIBROCRETE
 - 39 HVAC FLEXIBLE CONNECTOR
 - 40 DUCT INSULATION
 - 41 DUCT INSULATION LAGGING
 - 42 DUCT TAPE
- MATERIAL CODES (SEE BELOW)
- 43 ROOFING COMPOSITE (ROOF CUT)
 - 44 ROOFING CAP SHEET
 - 45 ROOFING SHINGLE
 - 46 ROOFING FLASHING
 - 47 ROOFING FELT
 - 48 ROOFING MASTIC
 - 49 THERMAL INSULATION
 - 50 HEAT SHIELD
 - 51 TRANSITE SHEET MATL
 - 52 MORTAR/GROUT
 - 53 SINK UNDERCOAT MATERIAL
 - 54 POWER LEAD INSULATION
 - 55 WALL PAPER
 - 56 FABRIC/ROPE
 - 57 WOOD FLOOR MASTIC
 - 58 FIRE-RATED INSULATED DOOR CORE
- FOR LAB USE ONLY
- 59 EXTERIOR STUCCO
 - 60 ROOF PENETRATION MASTIC
 - 61 CARPET MASTIC
 - 62 OTHER (DESCRIBE)

ANALYST'S SIGNATURE/DATE
 LAB DIRECTOR'S SIGNATURE/DATE

5-29-09
 5-29-09

Request for Laboratory Services / Chain of Custody - Asbestos

Send Report To	<u>PAUL COTA</u>		Hygeia Laboratories Inc. 82 W. Sierra Madre Blvd Sierra Madre, CA 91024 (626) 355-4711 (626) 355-4497 Fax www.hygeialaboratories.com <small>For intercompany billing purposes, please provide current project and task</small>		
Company Name	<u>ATC Los Angeles</u>				
Company Address	<u>25 Cupania Circle</u>				
City State Zip	<u>Monterey Park, CA 91755</u>				
Phone	<u>(323) 517-9780</u>	Fax	<u>(323) 517-9781</u>		
Cell Pager			Hygeia Reference # <u>00052 09 0295</u>		
Client Project Name	<u>SANTA MONICA HIGH</u>		Samples Submitted	<u>18</u>	
Client Project #	<u>SD. 25726.0001</u>		Samples Analyzed	<u>10</u>	
Bill Branch #	<u>57</u>				
Send Report Via	<input type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Verbal Results? <input type="checkbox"/> Do you require a mailed report?				
Email Address					
Turnaround Time	<input checked="" type="checkbox"/> Normal (3-5 business days) <input type="checkbox"/> Next Day (24 hrs) <input type="checkbox"/> Same Day (Rush) <input type="checkbox"/> Weekend Rush				
Type of Sample	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Dust (microvac) <input type="checkbox"/> Dust (wipe) <input type="checkbox"/> Soil <input type="checkbox"/> Paint <input type="checkbox"/> Water <input type="checkbox"/> Other				
Asbestos (Optical)		Asbestos (TEM)			
<input checked="" type="checkbox"/> PLM		<input type="checkbox"/> AHERA		<input type="checkbox"/> Qualitative Dust	
<input type="checkbox"/> PLM Point Count 400 pts		<input type="checkbox"/> EPA Level II		<input type="checkbox"/> Quantitative Dust	
<input type="checkbox"/> PLM Point Count 1000 pts		<input type="checkbox"/> NIOSH 7202 (PCM Equiv)		<input type="checkbox"/> Drinking Water (potable)	
<input type="checkbox"/> PCM		<input type="checkbox"/> ISO 10312		<input type="checkbox"/> Drinking Water (non-potable)	
		<input type="checkbox"/> Partical Characterization		<input type="checkbox"/> Supplies	
Additional Instructions					
<u>STOP @ FIRST POSITIVE</u>					
For Lab Use Only		Sample Integrity <input checked="" type="checkbox"/> accept <input type="checkbox"/> reject		1st Sample # <u>1173535 - 552</u>	
Results Reported By				Price / Sample <u>7-</u>	
Date _____	Time _____	Initials _____	Verbal _____	Fax _____	Email _____
Date _____	Time _____	Initials _____	Verbal _____	Fax _____	Email _____
Date _____	Time _____	Initials _____	Verbal _____	Fax _____	Email _____
Comments					
<u>PAUL COTA CONFIRMED THE STOP @ FIRST POSITIVE INSTRUCTIONS, 5/29/09 AC</u>					
Relinquished By (Signature)	Received By (Signature)	Date	Time	Reason for Change of Custody	
		<u>5.27.09</u>	<u>2:40 PM</u>		

The sample collector is responsible for ensuring that all samples have been preserved according to the appropriate and applicable methodology.

0052 09 0295



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

PAGE 1 OF 2

BLDG. TYPE SCHOOL

BLDG. NO. 601 Pico Blvd

DATE: 05/15/07

TASK NO. 00001

PROJ. NO. 25526

CLIENT: SAMUD - SAMHI

PROJECT: S. De la Torre

EVALTR: D. CARNER

AREA NAME/DESCRIPTION

AREA

AREA NAME/DESCRIPTION

15	MUSIC Bldg		
----	------------	--	--

UNIT CODES	POS/NEG. CODES	PERCENTAGES
1 LINEAR FEET 2 SQUARE FEET 3 SQUARE YARDS 4 CUBIC INCH 5 EACH	P POSITIVE ND NON DETECT T TRACE (<1%) N ⁻ NEGATIVE BY POINT COUNT (<0.1%)	CHRYSOTILE AMOSITE CROCIDOLITE O.C. OTHER

SAMPLE #	BLDG. FLOOR	AREA #	AREA USAGE	MTRL CODE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	CONDITION CODES	AIR EROSION CODES	CONTACT CODES	VIBRATION CODES	WATER CODES
070	MUSIC	15	S	31	9" BROWN FLOOR TILE w/ WHITE STREAKS	30	2	1	P3		
071		15	S	11	CORRIDOR						
072		15	S	11	CORRIDOR						
073		15	S	33	DURCK FLOOR TILE MASTIC (BANDS OF CRACKING)	30	2	1	P5		
074		15	S	11	CORRIDOR						
075		15	S	11	CORRIDOR						
076		15	S	31	9" BEIGE FLOOR TILE w/ PINK STREAKS	150	2	1	P3		X
077		15	S	11	MEDIA						
078		15	S	11	MEDIA						
079		15	S	33	BACK FLOOR TILE MASTIC (BANDS OF CRACKING)	150	2	1	P5		

- 01 BOILER INSULATION
- 02 BOILER LAGGING
- 03 BREECING INSULATION
- 04 BREECHING LAGGING
- 05 CHILLER INSULATION
- 06 CHILLER LAGGING
- 07 STORAGE TANK/EXCHANGER INSUL
- 08 STORAGE TANK/EXCHANGER LAGG
- 09 PUMP HOUSING INSULATION
- 10 PUMP HOUSING LAGGING
- 11 GASKETRY
- 12 FUEL INSULATION
- 13 TRANSITE PIPE
- 14 PIPE FITTING INSULATION
- 15 PIPE FITTING LAGGING
- 16 PIPE RUN INSULATION
- 17 PIPE RUN LAGGING
- 18 PLASTER BROWNSCRATCH
- 19 PLASTER FINISH COAT
- 20 PLASTER COMPOSITE
- 21 WALL BOARD
- 22 JOINT COMPOUND
- 23 PAINT/COATING
- 24 SPRAY-APPLIED ACOUSTIC MAT'L (ROOF CUT)
- 25 ACOUSTIC PANEL
- 26 ACOUSTIC PANEL (2X2)
- 27 ACOUSTIC PANEL (2X4)
- 28 ACOUSTIC TILE (12"X12")
- 29 ACOUSTIC TILE (1'X2')
- 30 ACOUSTIC TILE MASTIC
- 31 RESILIENT FLOOR TILE (9"X9")
- 32 RESILIENT FLOOR TILE (12"X12")
- 33 FLOOR TILE MASTIC
- 34 RESILIENT SHEET FLOORING
- 35 SHEET FLOORING MASTIC
- 36 BASEBOARD
- 37 BASEBOARD MASTIC
- 38 SPRAY-APPLIED-FIREPROOFING
- 39 HVAC FLEXIBLE CONNECTOR
- 40 DUCT INSULATION
- 41 DUCT INSULATION LAGGING
- 42 DUCT TAPE
- 43 ROOFING COMPOSITE
- 44 ROOFING CAP SHEET
- 45 ROOFING SHINGLE
- 46 ROOFING FLASHING
- 47 ROOFING FELT
- 48 ROOFING MASTIC
- 49 THERMAL INSULATION
- 50 HEAT SHIELD
- 51 TRANSITE SHEET MAT'L
- 52 MORTAR/GROUT
- 53 SINK UNDERCOAT MATERIAL
- 54 POWER LEAD INSULATION
- 55 WALL PAPER
- 56 FABRIC/ROPE
- 57 WOOD FLOOR MASTIC
- 58 FIRE-RATED/INSULATED DOOR CORE
- 59 EXTERIOR STUCCO
- 60 ROOF PENETRATION MASTIC
- 61 CARPET MASTIC
- 62 OTHER (DESCRIBE)

FOR LAB USE ONLY

ANALYST'S SIGNATURE/DATE: [Signature] 5/29/07

LAB DIRECTOR'S SIGNATURE/DATE: [Signature]

BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

PAGE 2 OF 2

BLDG. TYPE SCHOOL

BLDG. NO. 601 Pico Blvd

DATE: 05/15/99

TASK NO. 00001

PROJ. NO. 52 25826

CLIENT: SUSD - SAMOH

PROJECT:

EVALUATE: P. De la TORRE

D. CARBER

SAMPLE #	BLDG./FLOOR	AREA #	AREA USAGE	MTRL CODE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	UNIT CODES					PERCENTAGES							
							1 LINEAR FEET	2 SQUARE FEET	3 SQUARE YARDS	4 CUBIC INCH	5 EACH	P POSITIVE	ND NON DETECT	T TRACE (<1%)	N NEGATIVE BY POINT COUNT (<0.1%)	CHIRYSOTILE	AMOSITE	GROCDOLITE	OTHER
080	MUSIC	2ND	1/1	1/1	M2UB	1000	1	0	0	0	0	100	0	0	0	0	0	0	0
081			1/1	1/1	M2UC	1000	1	0	0	0	0	100	0	0	0	0	0	0	0
082			1/1	1/1	M2UB	1000	1	0	0	0	0	100	0	0	0	0	0	0	0
083			1/1	1/1	M2UB	1000	1	0	0	0	0	100	0	0	0	0	0	0	0
084			1/1	1/1	M2UB	1000	1	0	0	0	0	100	0	0	0	0	0	0	0
085			1/1	1/1	M2UB	1000	1	0	0	0	0	100	0	0	0	0	0	0	0
086			1/1	1/1	M2UB	1000	1	0	0	0	0	100	0	0	0	0	0	0	0
087			1/1	1/1	M2UB	1000	1	0	0	0	0	100	0	0	0	0	0	0	0

MATERIAL CODES (SEE BELOW)		AREA USAGE CODES		FRIABILITY CODES		CONDITION CODES		AIR EROSION CODES		CONTACT CODES		VIBRATION CODES		WATER CODES	
24 SPRAY-APPLIED ACOUSTIC MAT'L (ROOF-CUT)	43 ROOFING COMPOSITE	1 VOID/CHASE/ CAVITY	3 STORAGE	1 NON-FRIABLE	1 GOOD	1 DAMAGED	1 DAMAGED	1 LOW	1 LOW	1 LOW	1 LOW	1 LOW	1 LOW	1 LOW	1 LOW
25 ACOUSTIC PANEL	44 ROOFING CAP SHEET	2 MECHANICAL	4 OCCASIONAL	2 FRIABLE	2 DAMAGED	2 DAMAGED	2 DAMAGED	2 MODERATE	2 MODERATE	2 MODERATE	2 MODERATE	2 MODERATE	2 MODERATE	2 MODERATE	2 MODERATE
26 ACOUSTIC PANEL (2'X2')	45 ROOFING SHINGLE	5 CONTINUOUS	5 CONTINUOUS		3 SIGNIFICANTLY DAMAGED	3 SIGNIFICANTLY DAMAGED	3 SIGNIFICANTLY DAMAGED	3 HIGH	3 HIGH	3 HIGH	3 HIGH	3 HIGH	3 HIGH	3 HIGH	3 HIGH
27 ACOUSTIC PANEL (2'X4')	46 ROOFING FLASHING														
28 ACOUSTIC TILE (12'X12')	47 ROOFING FELT														
29 ACOUSTIC TILE (1'X2')	48 ROOFING MASTIC														
30 ACOUSTIC TILE MASTIC	49 THERMAL INSULATION														
31 RESILIENT FLOOR TILE (9"X9")	50 HEAT SHIELD														
32 RESILIENT FLOOR TILE (12"X12")	51 TRANSITE SHEET MAT'L														
33 FLOOR TILE MASTIC	52 MORTAR/GROUT														
34 RESILIENT SHEET FLOORING	53 SINK UNDERCOAT MATERIAL														
35 SHEET FLOORING MASTIC	54 POWER LEAD INSULATION														
36 BASEBOARD	55 WALL PAPER														
37 BASEBOARD MASTIC	56 FABRIC/ROPE														
38 SPRAY-APPLIED-FIREPROOFING	57 WOOD FLOOR MASTIC														
39 HVAC FLEXIBLE CONNECTOR	58 FIRE-RATED INSULATED DOOR CORE														
40 DUCT INSULATION															
41 DUCT INSULATION LAGGING															
42 JOINT COMPOUND															
43 PAINT/COATING															

FOR LAB USE ONLY

ANALYST'S SIGNATURE/DATE
 LAB DIRECTOR'S SIGNATURE/DATE
 5/29/99

- 59 EXTERIOR STUCCO
- 60 ROOF PENETRATION MASTIC
- 61 CARPET MASTIC
- 62 OTHER (DESCRIBE)

APPENDIX B

**Lead Laboratory Analytical Report, Sample Logs,
XRF Logs, & DPH FORM 8552**



Hygeia Laboratories Inc.

82 W. Sierra Madre Blvd
Sierra Madre, CA 91024-2434
(626) 355-4711 (626) 355-4497 Fax

AIHA ELLAP Certificate No. 465
California ELAP Certificate No. 1269

Analytical Report

June 2, 2009

Mr. Paul Cota
ATC Los Angeles
25 Cupania Circle
Monterey Park, CA 91755

Hygeia Reference No.: **00052 09 0293**

Date Sampled: May 22, 2009

Date Received: May 26, 2009

Date Analyzed: May 31, 2009

Analyst: Nahid Motamedi

Client Ref. 52.25526.0003 (T1) SMMUSD - Santa Monica HS

Samples and data provided by: Paul Cota

Analyte: Lead

Analytical Method: EPA 7420

Detection Limit: 25 ppm

Samples Analyzed: 38

Sample Matrix: paint

Digestion Method: EPA 3050B

Reporting Limit: 120 ppm

Sample Condition Acceptable

<u>Hygeia Sample ID</u>	<u>Client Sample ID</u>	<u>Lead Conc. (ppm)</u>	<u>Lead Conc. (wt%)</u>
1173438	P01	860	0.086
1173439	P02	<120	<0.012
1173440	P03	2969	0.297
1173441	P04	2212	0.221
1173442	P05	<120	<0.012
1173443	P06	<120	<0.012
1173444	P07	32140	3.21
1173445	P08	4359	0.436
1173446	P09	3211	0.321
1173447	P10	<120	<0.012
1173448	P11	428	0.043
1173449	P12	<120	<0.012
1173450	P13	1917	0.192
1173451	P14	1024	0.102
1173452	P15	1079	0.108
1173453	P16	<120	<0.012
1173454	P17	19460	1.95
1173455	P18	21210	2.12
1173456	P19	10600	1.06
1173457	P20	<120	<0.012



Analytical Report

June 2, 2009

Hygeia Reference No. 00052 09 0293

Client Reference: 52.25526.0003 (T1) SMMUSD - Santa Monica HS

<u>Hygeia Sample ID</u>	<u>Client Sample ID</u>	<u>Lead Conc. (ppm)</u>	<u>Lead Conc. (wt%)</u>
1173458	P21	<120	<0.012
1173459	P22	<120	<0.012
1173460	P23	817	0.082
1173461	P24	<120	<0.012
1173462	P25	1715	0.172
1173463	P26	<120	<0.012
1173464	P27	<120	<0.012
1173465	P28	232	0.023
1173466	P29	<120	<0.012
1173467	P30	1069	0.107
1173468	P31	1087	0.109
1173469	P32	38010	3.8
1173470	P33	<120	<0.012
1173471	P34	<120	<0.012
1173472	P35	824	0.082
1173473	P36	10050	1
1173474	P37	19870	1.99
1173475	P38	<120	<0.012

ppm = parts per million = mg/kg

Supervisor of Chemistry Laboratory

Nahid Motamedi

Sample results have not been blank corrected. All quality control results meet the QC requirements of AIHA ELLAP. This report only pertains to the samples investigated and does not apply to other similar material. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

ATC Request for Laboratory Services / Chain of Custody - Chemistry

Send Report To P. Costa

Company Name ATC Los Angeles

Company Address 25 Cupania Circle

Company Address Monterey Park, CA 91755

Phone (323) 517-9780 Fax (323) 517-9781

Client Project No 52.25526.0003 T1

Client Project Ref SMMUSD - SANTA MONICA H.S.

Bill Branch No. 52 (For Inter-Company billing purposes, please provide correct Project and Task No.)

Samples Submitted 38 Samples Analyzed _____ Hygeia Reference No 00052 09 0293

Hygeia Laboratories Inc.
 82 W. Sierra Madre Blvd.
 Sierra Madre, CA 91024
 (626) 355-4711
 (626) 355-4497 FAX



Reporting Fax _____ Cell/Page _____
 Phone _____ E-mail _____

Written Report Requested

Turnaround Time Normal (5 business days) _____ Two Day _____ Next Day _____ Same Day _____ Weekend/Holiday

TCLP and STLC: _____ Normal (5 business days) _____ Three Day _____ Two Day (STLC) _____ Next Day (TCLP)

Type of Sample _____ Air _____ Dust Paint _____ Bulk _____ Soil _____ Water _____ Wipe _____ Other

Type of Analysis

Lead - air, paint, soil, bulk, wipe _____ Cadmium _____ Supplies

_____ Lead - TCLP _____ Chromium

_____ Lead - STLC _____ Nickel

_____ Lead - TTLC _____ Zinc

_____ Lead - drinking water

_____ Total Nuisance Dust (NIOSH 0500)

_____ Respirable Nuisance Dust (NIOSH 0600)

Additional Instructions

For Lab Use Only Sample Integrity accept _____ reject _____ 1st Sample No 1173438 - 475

Results reported by: _____ Price / Sample _____

Date _____ Time _____ Initials _____ Verbal Fax E-mail

Date _____ Time _____ Initials _____ Verbal Fax E-mail Invoice No. 77- _____

Date _____ Time _____ Initials _____ Verbal Fax E-mail Log Out Date _____

Comments

Relinquished By (Signature)	Received By (Signature)	Time	Date	Reason for Change of Custody
		1:50 PM	5.26.09	

The sample collector is responsible for ensuring that all samples have been preserved according to the appropriate and applicable methodology.

LEAD BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

PROJECT NO. **52** **25526** **0002** TASK NO. **00001**

PROJECT: **SMWUSD - SAMOHI**

SURVEYOR(S): _____

DATE: **05/22/09**

AREA	AREA NAME/DESCRIPTION	AREA	AREA NAME/DESCRIPTION
01	SCRAPE BLDG		
02	REARDOOR BLDG		
03	BUSINESS BLDG		

SAMPLE #	BLDG/FLOOR	AREA	COM T	MATERIAL DESCRIPTION / COLOR	ESTIMATED QUANTITY	UNIT CODES	CHEMICAL SURFACE	PERCENTAGES
P 01	SCRAPE BLDG	5	45	PRINT CHIP SAMPLE	85	2221		
P 02	2ND	5	45	Paint	105	1221		
P 03	1ST	5	45	Paint	55	1221		
P 04	SCRAPE BLDG	5	46	Paint	15	2221		
P 05	SCRAPE BLDG	5	47	Paint	301	2222		
P 06	SCRAPE BLDG	5	46	Paint	15	1222		
P 07	SCRAPE BLDG	5	22	Paint	1102	1521		
P 08	SCRAPE BLDG	5	13	Paint	15	1321		
P 09	SCRAPE BLDG	5	45	Paint	15	1221		
P 10	SCRAPE BLDG	5	22	Paint	2702	2321		

UNIT CODES:
 1 LINEAR FEET
 2 SQUARE FEET
 3 SQUARE YARDS
 4 CUBIC INCH
 5 EACH

PERCENTAGES:
 P - POSITIVE
 N - NEGATIVE
 WATER
 DUST
 OTHER
 Q.A.

- 01 WATER
- 02 DUST
- 03 DOOR, HEADER
- 04 DOOR, JAMB
- 05 DOOR, CASING
- 06 STAIR, RISERS
- 07 STAIR, TREADS
- 08 STAIR, STRINGER
- 09 BALKUSTER
- 10 RAILING CAP
- 11 NEWEL POST
- 12 WINDOW, HEADER
- 13 WINDOW, CASING
- 14 WINDOW, SILL
- 15 WINDOW, SASH
- 16 WINDOW, STOPS
- 17 MULLIONS
- 18 APRON
- 19 WINDOW GRATE
- 20 DOOR GRATE

- 21 BASEBOARD
- 22 WALLS
- 23 WALLS, LOWER
- 24 WALLS, UPPER
- 25 CHAIR RAIL
- 26 DOOR, EXTERIOR
- 27 EXTERIOR, DOOR CASING
- 28 EXTERIOR, WINDOW CASING
- 29 EXTERIOR, WINDOW MULLIONS
- 30 EXTERIOR, WINDOW SILL
- 31 THRESHOLD
- 32 DRIPBOARD
- 33 LOWER TRIM
- 34 UPPER TRIM
- 35 CORNERBOARD
- 36 SIDING
- 37 CELLAR WINDOW UNIT
- 38 FLOOR
- 39 RAILING CAPS
- 40 SUPPORT COLUMN

- 41 JOIST
- 42 CEILING
- 43 RADIATOR
- 44 ACCESS HATCH COVER
- 45 *WOOD FRAMING*
- 46 *DOOR FRAME*
- 47 *CONCRETE*
- 48 _____
- 49 _____
- 50 _____

AREA USAGE CODES:
 1 VOID/CASCADE/CAVITY
 2 MECHANICAL
 3 STORAGE
 4 OCCASIONAL
 6 CONTINUOUS

PEELING CODE:
 1 PEELING
 2 NOT PEELING
 3 UNDAAMAGED
 4 CHIPPED
 5 CHAULKING

SUBSTRATE CODE:
 1 WOOD
 2 METAL
 3 MASONRY
 4 DRYWALL
 5 PLASTER

CHEMICAL SURFACE:
 1 YES
 2 NO

CONTACT CODE:
 1 LOW
 2 MODERATE
 3 HIGH

FOR LAB USE ONLY

ANALYST'S SIGNATURE/DATE _____

LAB DIRECTOR'S SIGNATURE/DATE _____

LEAD BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91766

PROJECT NO. **52 25526**

AREA **0002**

TASK NO. **00001**

PROJECT: **SAMUO - SAMOHI**

AREA NAME/DESCRIPTION **05 EQUISH BOG**

SURVEYOR(S): _____

DATE: **05 22 05**

AREA	AREA NAME/DESCRIPTION	AREA	AREA NAME/DESCRIPTION
04	History Bldg	05	EQUISH BOG

SAMPLE #	BLDG/FLOOR	AREA USAGE	COM T CODE	MATERIAL DESCRIPTION / COLOR	ESTIMATED QUANTITY	UNIT CODES	PERCENTAGES
P 11	04	5	14	PAINT CHIP SAMPLE	35	1 2 2 1	
P 12	04	5	13	ROOM TRIM	15	1 3 2 1	
P 13	04	5	13	ROOM TRIM	5	1 2 2 1	
P 14	04	3	22	ROOM TRIM	33	2 3 2 1	
P 15	04	5	22	BATHROOM TRIM	60	1 3 2 1	
P 16	05	5	22	ROOM TRIM	67	2 3 2 2	
P 17	05	3	22	ROOM TRIM	35	2 3 2 2	
P 18	05	3	48	ROOM TRIM	81	2 1 2 2	
P 19	05	3	46	ROOM TRIM	15	2 1 2 1	
P 20	05	5	22	ROOM TRIM	25	1 3 2 1	

- 01 WATER
- 02 DUST
- 03 DOOR, HEADER
- 04 DOOR, JAMB
- 05 DOOR, CASING
- 06 STAIR, TREADS
- 07 STAIR, RISERS
- 08 STAIR, STRINGER
- 09 BALUSTER
- 10 RAILING, CAP
- 11 NEWEL, POST
- 12 WINDOW, HEADER
- 13 WINDOW, CASING
- 14 WINDOW, SILL
- 15 WINDOW, SASH
- 16 WINDOW, STOPS
- 17 MULLIONS
- 18 APRON
- 19 WINDOW GRATE
- 20 DOOR GRATE

- 21 BASEBOARD
- 22 WALLS
- 23 WALLS, LOWER
- 24 WALLS, UPPER
- 25 CHAIR RAIL
- 26 DOOR, EXTERIOR
- 27 EXTERIOR, DOOR CASING
- 28 EXTERIOR, WINDOW CASING
- 29 EXTERIOR, WINDOW MULLIONS
- 30 EXTERIOR, WINDOW SILL
- 31 THRESHOLD
- 32 DRIPBOARD
- 33 LOWER TRIM
- 34 UPPER TRIM
- 35 CORNERBOARD
- 36 SIDING
- 37 CELLAR WINDOW UNIT
- 38 FLOOR
- 39 RAILING CAPS
- 40 SUPPORT COLUMN

- 41 JOIST
 - 42 CEILING
 - 43 RADIATOR
 - 44 ACCESS HATCH COVER
- 45 _____ **LEAD DOOR FRAME**
- 46 _____ **LEAD DOOR FRAME**
- 47 _____
- 48 _____ **WOOD TRIM**
- 49 _____
- 50 _____

FOR LAB USE ONLY

AREA USAGE CODES	PEELING CODE	SUBSTRATE CODE	CHEMICAL SURFACE	CONTACT CODE	CODE
1 VOID/CASE/CAVITY	1 PEELING	1 WOOD	1 YES	1 LOW	1
2 MECHANICAL	2 NOT PEELING	2 METAL	2 NO	2 MODERATE	2
3 STORAGE	3 UNDA/MAGED	3 MASONRY		3 HIGH	3
4 OCCASIONAL	4 CHIPPED	4 DRYWALL			
5 CONTINUOUS	5 CHALKING	5 PLASTER			

ANALYST'S SIGNATURE/DATE

LAB DIRECTOR'S SIGNATURE/DATE

LEAD BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91765

PROJECT NO. **52 25526** TASK NO. **00001**

PROJECT: **SANUIDO - SANJOH1**

SURVEYOR(S): _____

DATE: **05 22 09**

AREA	AREA NAME/DESCRIPTION	AREA	AREA NAME/DESCRIPTION
09	NORTH GYM	06	LAPUNAGE BOD
		07	CATERACT BOD
		08	SOUTH GYM

SAMPLE #	BLDG/FLOOR	AREA USAGE	COM'T CODE	MATERIAL DESCRIPTION / COLOR	ESTIMATED QUANTITY	UNIT CODES	PERCENTAGES
P 21		06	5	Paint - Chip Sample	15	1 2 2 2	
P 22		06	47	Paint - Yellow	15	1 1 2 2	
P 23		07	2	Paint - White	35	0 2 1 2 2	
P 24		08	2	Paint - White	24	0 2 1 3 2 2	
P 25		08	46	Paint - White	25	2 2 2 2 2	
P 26		08	46	Paint - White	15	2 2 2 2 2	
P 27		09	5	Paint - White	35	1 2 1 2 1	
P 28		09	5	Paint - White	15	2 2 2 1 1	
P 29		09	5	Paint - White	15	1 1 1 2 1	
P 30		09	3	Paint - Grey	25	2 1 1 2 2	

- 01 WATER
- 02 DUST
- 03 DOOR, HEADER
- 04 DOOR, JAMB
- 05 DOOR, CASING
- 06 STAIR, TREADS
- 07 STAIR, RISERS
- 08 STAIR, STRINGER
- 09 BALLUSTER
- 10 RAILING CAP
- 11 NEWEL POST
- 12 WINDOW, HEADER
- 13 WINDOW, CASING
- 14 WINDOW, SILL
- 15 WINDOW, SASH
- 16 WINDOW, STOPS
- 17 MULLIONS
- 18 WINDOW GRATE
- 19 WINDOW GRATE
- 20 DOOR GRATE
- 21 BASEBOARD
- 22 WALLS
- 23 WALLS, LOWER
- 24 WALLS, UPPER
- 25 CHAIR RAIL
- 26 DOOR, EXTERIOR
- 27 EXTERIOR, DOOR CASING
- 28 EXTERIOR, WINDOW CASING
- 29 EXTERIOR, WINDOW MULLIONS
- 30 EXTERIOR, WINDOW SILL
- 31 THRESHOLD
- 32 DRIPBOARD
- 33 LOWER TRIM
- 34 UPPER TRIM
- 35 CORNERBOARD
- 36 SIDING
- 37 CELLAR WINDOW UNIT
- 38 FLOOR
- 39 RAILING CAPS
- 40 SUPPORT COLUMN

- 41 JOIST
- 42 CEILING
- 43 RADIATOR
- 44 ACCESS HATCH COVER
- 45 _____
- 46 *Door Frame*
- 47 _____
- 48 _____
- 49 *Door, Staircase*
- 50 *Mirror Trim*

- 51 *Gate Features Posts*
- 52 *Equipment*
- 53 *Cabinet*

AREA USAGE CODES

- 1 VOID/CHASING
- 2 MECHANICAL
- 3 STORAGE
- 4 OCCASIONAL
- 5 CONTINUOUS

PEELING CODE

- 1 PEELING
- 2 NOT PEELING
- 3 UNDAMAGED
- 4 CHIPPED
- 5 CHALKING

SUBSTRATE CODE

- 1 WOOD
- 2 METAL
- 3 MASONRY
- 4 DRYWALL
- 5 PLASTER

CHEMICAL SURFACE

- 1 YES
- 2 NO

CONTACT CODE

- 1 LOW
- 2 MODERATE
- 3 HIGH

FOR LAB USE ONLY

ANALYST'S SIGNATURE/DATE _____

LAB DIRECTOR'S SIGNATURE/DATE _____

LEAD BULK SAMPLE LOG



25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

PROJECT NO. **52 25526**

PROJECT: **SMUSD - SAMOHI**

AREA **0002**

TASK NO. **00001**

AREA NAME/DESCRIPTION

AREA NAME/DESCRIPTION

SURVEYOR(S):

DATE: **05 22 09**

AREA	AREA NAME/DESCRIPTION	AREA	AREA NAME/DESCRIPTION
09	NOBATH GYM		
10	Pool Bldg		
11	Sanatorium Hall		
12	ADMIN BLDG		

SAMPLE #	BLDG/FLOOR	AREA USAGE	COM'T CODE	MATERIAL DESCRIPTION / COLOR	ESTIMATED QUANTITY	UNIT CODES	PERCENTAGES
P 3 1	Basement	3	47	PAINT CHIP SAMPLE	20	1	100%
P 3 2		3	49	PAINT CHIP SAMPLE	15	2	100%
P 3 3		5	54	PAINT CHIP SAMPLE	46	2	100%
P 3 4		5	55	PAINT CHIP SAMPLE	25	2	100%
P 3 5		5	22	PAINT CHIP SAMPLE	40	2	100%
P 3 6		3	56	PAINT CHIP SAMPLE	25	2	100%
P 3 7		11	46	PAINT CHIP SAMPLE	15	2	100%
P 3 8		12	13	PAINT CHIP SAMPLE	35	2	100%
P 3 9		5		PAINT CHIP SAMPLE			
P 3 0				PAINT CHIP SAMPLE			

- 01 WATER
- 02 DUST
- 03 DOOR, HEADER
- 04 DOOR, JAMB
- 06 DOOR, CASING
- 08 STAIR, TREADS
- 07 STAIR, RISERS
- 08 STAIR, STRINGER
- 09 BALUSTER
- 10 RAILING, CAP
- 11 NEWEL, POST
- 12 WINDOW, HEADER
- 13 WINDOW, CASING
- 14 WINDOW, SILL
- 16 WINDOW, SASH
- 17 MULLIONS
- 18 APRON
- 20 DOOR, GRATE
- 21 BASEBOARD
- 22 WALLS
- 23 WALLS, LOWER
- 24 WALLS, UPPER
- 26 CHAIR RAIL
- 28 DOOR, EXTERIOR
- 27 EXTERIOR, DOOR CASING
- 28 EXTERIOR, WINDOW CASING
- 29 EXTERIOR, WINDOW MULLIONS
- 30 EXTERIOR, WINDOW SILL
- 31 THRESHOLD
- 32 DRIPBOARD
- 33 LOWER TRIM
- 34 UPPER TRIM
- 35 CORNERBOARD
- 36 SIDING
- 37 CELLAR WINDOW UNIT
- 38 FLOOR
- 39 RAILING CAPS
- 40 SUPPORT COLUMN

- 41 JOIST
- 42 CEILING
- 43 RADIATOR
- 44 ACCESS HATCH COVER
- 45
- 46
- 47
- 48
- 49
- 50

AREA USAGE CODES

1 VOID/CASING/CAVITY

2 MECHANICAL

3 STORAGE

4 OCCASIONAL

6 CONTINUOUS

PEELING CODE

1 PEELING

2 NOT PEELING

3 UNDAIMAGED

4 CHIPPED

5 CHALKING

SUBSTRATE CODE

1 WOOD

2 METAL

3 MASONRY

4 DRYWALL

5 PLASTER

CHEWABLE SURFACE

1 YES

2 NO

CONTACT CODE

1 LOW

2 MODERATE

3 HIGH

FOR LAB USE ONLY

ANALYST'S SIGNATURE/DATE

LAB DIRECTOR'S SIGNATURE/DATE

UNIT CODES

1 LINEAR FEET

2 SQUARE FEET

3 SQUARE YARDS

4 CUBIC INCH

5 EACH

PERCENTAGES

P - POSITIVE

N - NEGATIVE

WATER

DUST

OTHER

Q.A.

XRF LEAD BASED SURVEY



Date: 05-04-2009
 Project No.: 52.25526.0002
 Task No.: 1

Client: SMMUSD - SANTA MONICA H.S.
 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Spectrum Analyzer ID #: 1482/1332
 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
004	1st	Staircase - 5107P	I		E	Wall	Drywall	White	0.0
005					S				0.0
006					W				0.1
007					N				0.1
008				BEACH	N	Window Frame Support Column	met-1 concrete	Blue	1.0
009					N			White	0.0
010					E	Multivul-gas pipe	steel	White	0.6
011		5107			E	Wall	Drywall	White	0.2
012					S				0.1
013				22 EACH	N	Window Frame Support Column	met-1 concrete	Blue	1.0
014					N			White	0.2
015		5105A			N	Wall	Drywall	White	0.1
016					W				0.4
017					N	Wall Tile	Ceramic	Blue	0.2
018					N.W	Map Sink	Porcelain	White	0.2

COMMENTS: #s 1-3 are Calibration

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASEL INT SURVEY

Date: 05-04-09 Client: SMIUSD - SANTA MONICA H.S. 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
019	1st	S105	I		W	Wall	Drumwall	white	0.0
020					N			↓	0.1
021				15 Ench.	N	Window frame	metal	blue	1.0
022		S103			E	Wall	Plaster	white	0.2
023					S			↓	0.0
024					S	Electrical conduit	metal	white	0.0
025					S	Soffit	Drumwall	white	0.1
026				20 EACH	N	Window frame	metal	white	1.0
027		S101P			W	Wall	Drumwall	white	0.2
028		S101C			N	Wall	Plaster	white	0.0
029				1 Ench.	E	SINK	PORCELAIN	white	8.1
030					E	toilet	↓	↓	0.3
031		S101A			W	WALL	PLASTER	white	0.1
032			F	5 Ench	N	Window frame	metal	white	1.0
033			S		S	Door frame	metal	Blue	0.2

COMMENTS: No Key To S105 B

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASED PAINT SURVEY

Client: **SMIUSD - SANTA MONICA H.S.**
 Survey Location: **601 PICO BLVD, SANTA MONICA, CA 90405**
 Date: **05-04-09**
 Project No.: **52.25526.0002**
 Task No.: **1**

Spectrum Analyzer ID #: **1482/1332**

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
034	1st	S101B	S		N	wall	Plaster	blue	0.0
035		S101	F	27 E-84	N	Window Frame	metal	white	1.0
036		I	I		W	wall	Plaster	white	0.1
037		I	I		N	Support Column	concrete	white	0.0
038		S101D	I		N	wall	stucco	Brown	0.1
039		S100	I		E	wall	Dry wall	white	0.4
040		I	I		W	wall			0.2
041		I	I	23 E-84	S	Window Frame	metal	blue	1.0
042		S102	S		S	wall	Dry wall	white	0.1
043		I	I		E				0.2
044		I	I	21 E-84	S	Window Frame	metal	blue	1.0
045		S102P	I		N	wall	Dry wall	white	0.1
046		S102PA	I		E	Door Frame	metal	blue	0.0
047		I	I		W	wall	Dry wall	white	0.0
048		I	I		N	Window Frame	metal	blue	0.3

COMMENTS: **No News s100P.**

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL PAINT SURVEY



25 Cupanla Circle
 Monterey Park, CA 91755

Date: 05-04-09

Client: SMUUSO - SANTA MONICA H.S.

1482/1332

Project No.: 52.25526.0002

Spectrum Analyzer ID #: SANTA MONICA, CA 90405

Survey Location:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
* 0 49	1st	S102PA	I	8 Each	S	Window Frame	metal	Blue	1.0
* 0 50		S104	I	23 Each.	E	Wall	Drywall	White	0.0
0 51			I		S	Window	metal	Blue	1.0
0 52			I		S	Support Column	concrete	white	0.1
0 53		S104A	I		W	Wall tile	ceramic	Blue	0.1
0 54			I		W			Brown	0.1
0 55			I		W	Sink	Porcelain	White	0.3
0 56			I		W	Toilet		↓	0.5
0 57			I		S	Window Frame	metal	Blue	0.5
0 58			I		Center	Floor tile	ceramic	Brown	0.4
0 59		S104B	I		W	Wall tile	ceramic	Blue	0.1
0 60			I		W			Brown	0.1
0 61			I		E	Toilet	Porcelain	White	0.2
0 62			I		N	Sink	metal	White	0.1
* 0 63			I	Teach	S	Window Frame	metal	Blue	1.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanle Circle
Menlo Park, CA 91755

XRF LEAD BASEL INT SURVEY

05-04-09

1482/1332

Client: SMIUSO - SANTA MONICA H.S.

Spectrum Analyzer ID #:

Project No.: 52.25526.002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Inspector(s):

Task No.: 1

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
064	1st	5109c	F		N	wall	concrete	blue	0.0
065					center	ceiling	Drywall	blue	0.1
066				18 Each	w	Electrical Conduits	metal	blue	1.0
067		Hallway			N	wall	concrete	white	0.4
068					S				0.1
069					S.W	wall tile	ceramic	blue	0.2
070					w	Door	metal	blue	0.2
071					N	Door Frame	metal	blue	0.0
072			F	10 Each	S				1.0
073		East stairway			E	wall	concrete	white	0.2
074						Handrail	metal	blue	0.0
075	2nd	S200			S	Window Frame	metal	blue	0.4
076					E	wall	concrete	white	0.0
077					N		Drywall		0.1
078		S200p			w	wall	Drywall	white	0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL. INT SURVEY

25 Cupanla Circle
Mortilarey Park, CA 91755

Date: 05-04-09

Client: SMIUSO - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #:

Project No.: S2.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
079	2nd	S200P	I		N	wall	drywall	white	0.1
080		I			S	window frame	metal	blue	0.3
081		I			w	wall	drywall	white	0.1
082		S202		2 E-ch	S	window frame	metal	blue	1.0
083		I			S	column	concrete	white	0.1
084		I			N	wall	drywall	white	0.1
085		S204		23 E-ch	S	window frame	metal	blue	1.0
086		I			w	wall	drywall	white	0.2
087		S204A			w	wall tile	ceramic	blue	0.2
088								brown	0.0
089					w	sink	porcelain	white	0.2
090						urinal			0.2
091						toilet			0.2
092				5 E-ch	S	window frame	metal	blue	1.0
093					center	floor tile	ceramic	brown	0.2

COMMENTS: No Krs to S204P

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cuparulo Circle
Monterey Park, CA 91755

XRF LEAD BASELINE SURVEY

Date: 05-04-09

Project No.: 52-25526-0002

Client: SMUUSD - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

1482/1332

Spectrum Analyzer ID #:

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
094	2nd	5204B	I	✓	W ↓	wall tile ↓	ceramic ↓	Blue	0.1
95								Brown	0.2
96					N	sink	Porcelain	white	0.3
97					E	urinal	↓	↓	0.3
98					E	toilet	↓	↓	0.2
99			F	✓	S	window frame	metal	Blue	0.5
100		5204C	I	✓	S ↓	wall	Dis wall	white	0.1
101						wall tile	ceramic	blue	0.1
102					S-W	MOP SINK	Porcelain	white	0.1
103					N	Electrical Condens	metal	white	0.3
104		5207	✓	12 Each	N	Window Frame	metal	Blue	1.0
105					W	wall	Driv-11	white	0.0
106					N	Support Column	concrete	white	0.1
107		5205 ↓			N	Window Frame	metal ↓	Blue	0.3
108					W			↓	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanita Circle
Monterey Park, CA 91755

XRF LEAD BASED PAINT SURVEY

Date: 05-04-09 Client: SMANUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
109	2nd	S205	I		W	wall	drywall	white	0.3
110					S	suffie		↓	0.3
111		S205P			W	wall	drywall	white	0.1
112					S	Natural drywall	metal	↓	0.1
113		S205A			N	Window frame	metal	Blue	0.3
114					S	Door frame	metal	Blue	0.1
115		S203			N	Window frame	metal	Blue	0.5
116					W	wall	drywall	white	0.2
117					N	Support Column	concrete	white	0.1
118		S201P			E	wall	drywall	white	0.0
119		S201A			E	Natural drywall	metal	↓	0.0
120		S201A		8 each.	N	Window frame	metal	Blue	1.0
121					S	Door frame	↓	↓	0.0
122		S201			N	Window frame	metal	Blue	0.9
123					E	wall	drywall	white	0.1

COMMENTS: No lead to S205B

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASEL... SURVEY

25 Cupertine Circle
Monterey Park, CA 91755

1482/1332

Client: SMUUSD - SANTA MONICA H.S.

Spectrum Analyzer ID #: _____

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

05-04-09

Project No.: 52.25526.002

Task No.: _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
124	2nd	Science	I		E	Window Floor	metal	Blue	0.0
125					S	w-11	concrete	White	0.0
126					N	↓	↓	↓	0.3
127					N	locker	metal	Brown	0.0
128					N	wall tile	ceramic	Blue	0.2
129					N	Hand rail	metal	↓	0.5
130					W	Door	metal	Blue	0.2
131				17 E-ch.	N	Door frame	metal	Blue	1.0
132	3rd floor	HVAC room	↓		W	w-11	concrete	Brown	0.1
133		MID SHIRT CABBINATION							1.7
134									1.6
135									1.6
136	1st	Technology-T113	I		N	w-11	metal	White	0.3
137			↓		W	↓	concrete	↓	0.1
138			↓		W	Window frame	metal	Blue	0.2

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL .INT SURVEY

Date: 05-04-09 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
139	1st.	Technology T-111	I		E	Wall	Brick	White	0.3
140					W	↓			0.0
141					N	Window Frame	metal	Blue	0.4
142					N	Door	metal	↓	0.4
143		T-109			N	Wall	concrete	white	0.2
144					N	Window Frame	metal	Blue	0.4
145		T-107			E	Wall	concrete	white	0.2
146					N	Window Frame	metal	Blue	0.4
147					N	Door Frame	↓		0.4
148		T-105			N	Wall	Brick	White	0.0
149					W	Wall	Brick	White	0.2
150					Center	Support Column	concrete	↓	0.1
151					N	Window Frame	metal	Blue	0.3
152					Center	Floor	concrete	off-wh.	0.1
153					N	Door Frame	metal	Blue	0.0

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



25 Cupertin Circle
 Monterey Park, CA 91755

XRF LEAD BASEL INVENTORY SURVEY

Date: 05-04-09

Client: SMANUSD - SANTA MONICA H.S.

1482/1332

Project No.: 52.25526.0002

Spectrom Analyzer ID #:

601 PICO BLVD, SANTA MONICA, CA 90405

Survey Location:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
154	PE	T105C	I		N	wall	original	white	0.1
155			F	1 E-CH	W	Door frame	metal	Blue	1.0
156		T105C-1			N	wall	wall	white	0.2
157					S	Electrical conduits	metal	white	0.0
158					S	window frame	J	Blue	0.1
159					N	Door frame	metal	Blue	0.0
160		T105			W	wall tile	ceramic	Blue	0.1
161		Techno boy			W	wall	Brick	white	0.3
162			I	30 LF	W	water pipe	steel	white	1.0
163				1 E-CH	W	sink	porcelain	whit	9.4
164					S	tile	ceramic	blue	0.4
165					S	map sink	porcelain	white	0.0
166					N	Door frame	metal	blue	0.4
167		men's. Facilities			E	wall tile	ceramic	blue	0.1
168						J	J	Brown	0.0

COMMENTS: No Keys T-105A, T105B, T105G, T105F, T105E, T105D,

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanla Circle
Monterey Park, CA 91755

XRF LEAD BASEL INT SURVEY

Date: 05-04-09

Client: SMMUSD - SANTA MONICA H.S.

1482/1332

Project No.: 52.25526.0002

Spectrum Analyzer ID #:

601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
169	1st	Technology Mens Restroom R.R	S		S	SINK	Porcelain	White	0.3
170					W	Urinal			0.2
171					W	Toilet			0.3
172					CEN	Floor	terramic	Brown	0.3
173					N	Window frame	metal	Blue	0.4
174		T103B			W	Wall	drywall	Yellow	0.3
175					N			Blue	0.1
176					N	Door	metal	Blue	0.3
177					N	Door frame			0.3
178		T103			N	Wall	drywall	White	0.4
179					N	Window frame	metal	Blue	0.5
180		T101			N	Wall	drywall	White	0.1
181					E	Door frame	metal	Blue	0.2
182		T100			E	Wall	brick	White	0.0
183					N		concrete		0.4

COMMENTS: No Reps to T103C-1B

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking



XRF LEAD BASED PAINT SURVEY

Date: 65-04-09 Client: SMAUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Locallort: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
184	1st	Technology Room	I		N	tile	ceramic	Blue	0.1
185			I			tile	Porcelain	white	0.1
186			I			toilet		↓	0.0
187			I		S	Door	metal	Blue	0.1
188		T102	I		E	wall	drywall	white	0.2
189			I		S	window frame	metal	Blue	0.4
190		T102A	I		S	wall	drywall	white	0.1
191			I		S	window frame	metal	Blue	0.2
192			I		S	Door	metal	↓	0.0
193		T102B	I		N	wall	drywall	white	0.1
194			I		S	wall tile	ceramic	Blue	0.2
195			I		S	map sign	↓	white	0.1
196		T102C	I		S	wall tile	ceramic	Brown	0.2
197			I		E	toilet	Porcelain	white	0.0
198			I		Center	floor tile	ceramic	Brown	0.2

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL...NT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 05-04-09

Client: SMMUSD - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #: 90405

Project No.: S2.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
199	1st	Technology T104	I		S	Wall	concrete	white	0.0
200			I		S	Door frame	metal	Blue	0.3
201			I			Window frame		↓	0.4
202		T106	I		W	Wall	Drywall	white	0.0
203			I		S	Door frame	metal	Blue	0.0
204		T108	I		E	Wall	Drywall	white	0.2
205			I		S	Door	metal	Blue	0.4
206			I		S	Window frame		↓	0.4
207		T110	I		N	Wall	Drywall	white	0.1
208			I		S	Door frame	metal	Blue	0.3
209		T112	I		W	Window frame	metal	Blue	0.4
210			I		S	Wall	Drywall	white	0.1
211			I		S	Window frame	metal	Blue	0.6
212		T112A	I		S	Wall	metal	white	0.1
213			I		S	Window frame	metal	Blue	0.4

COMMENTS: No key T110A

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL PAINT SURVEY



25 Cupertio Circle
Monterey Park, CA 91755

Date: 05-04-09

Client: SMANUSO - SANTA MONICA H.S.

1482/1332

Project No.: 52.25526.0002

Spectrum Analyzer ID #:

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
214	2nd	Technology	I		N	wall	Drywall	white	0.0
215					W	Window frame	metal	Blue	0.4
216					S	Door frame	metal	↓	0.2
217		T214B			W	wall	concrete	white	0.1
218		T212			S	wall	Drywall	white	0.2
219					S	Window frame	metal	Blue	0.5
220		T210A			E	wall	Drywall	white	0.0
221		T208			S	Window frame	metal	Blue	0.3
222		T208A			N	Door frame	↓	↓	0.0
223		T208A			E	wall	Drywall	white	0.0
224					↓	wall tile	ceramic	Blue	0.3
225					↓	porcelain	Porcelain	white	0.3
226		T208B			S	Toilet	↓	↓	0.2
227					N	sink	↓	↓	0.2
228					Center	floor tile	ceramic	Blue	0.3

COMMENTS: No req 90 FHO T210

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

XRF LEAD BASEL INT SURVEY



Date: 05-04-09

Client: SMAUSD - SANTA MONICA H.S.

1482/1332

Project No.: 52-25526-0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Spectrum Analyzer ID #:

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
229	2nd	Technology T208B	I		N	wall tile	ceramic	blue	0.3
230					S	window frame	metal	↓	0.4
231					S	electrical conduit	metal	white	0.3
232					ceiling	ceiling	Drywall	↓	0.1
233		T206C			W	wall tile	ceramic	white	0.3
234					N	urinal	porcelain	white	0.2
235					S	toilet	↓	↓	0.3
236					W	sink	metal	white	0.1
237					corner	floor	concrete	yellow	0.1
238		T206B			E	wall tile	ceramic	Brown	0.0
239					W	toilet	porcelain	white	0.2
240					W	sink	metal	white	0.0
241		T206G			S	window frame	metal	blue	0.5
242					W	wall	Drywall	white	0.0
243					N	door frame	metal	blue	0.2

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASED PAINT SURVEY

Date: 05-04-09
 Project No.: 52.25526.0002
 Client: SMMUSD - SANTA MONICA H.S.
 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Spectrum Analyzer ID #: 1482/1332
 Task No.: 1
 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
244	2nd	Technology T204	S		S	Window frame	metal	Blue	0.3
245					W	wall	drywall	white	0.2
246					N	Door frame	metal	Blue	0.1
247		T202			E	Window frame	metal	Blue	0.0
248					W	wall	drywall	white	0.1
249		T202P			S	wall	drywall	white	0.0
250					N	Door frame	metal	white	0.0
251		T202A			S	Window frame	metal	Blue	0.2
252					N	wall	drywall	white	0.0
253		T200			S	wall	drywall	↓	0.0
254					S	Window frame	metal	Blue	0.4
255					N	Door frame	metal	Blue	0.0
256		T201			N	Window frame	↓	↓	0.4
257					RS	wall	drywall	white	0.2
258	↓	T203	↓		N	Window frame	metal	Blue	0.4

COMMENTS: ~~Labels for T202P~~ T202B No Key

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASEL .INT SURVEY

25 Cupanla Circle
Monterey Park, CA 91755

Date: 05-04-09

Client: SMMUSO - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #:

Project No.: 52.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
259	2nd	Technology T203	I		N	wall	Drywall	white	0.4
260		T205	I		E	wall	Drywall	white	0.2
261		T207	I		N	door frame	metal	Blue	0.0
262		T207	I		N	window frame	metal	Blue	0.4
263		T209	I		ES	wall	Drywall	white	0.6
264		T209	I		N	window frame	metal	Blue	0.4
265		T211	I		W	wall	Drywall	white	0.0
266		T211	I		N	window frame	metal	Blue	0.1
267		T213	I		E	wall	Drywall	white	0.2
268		T213	I		S	wall	↓	↓	0.1
269		T215	I		S	door frame	metal	Blue	0.1
270		T215	I		N	window frame	↓	↓	0.3
271		T217	I		S	wall	Drywall	white	0.6
272		T217	I		N	window	metal	Blue	0.2
273		T217	I		N	frame	Drywall	white	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL INT SURVEY



25 Capena Circle
Monterey Park, CA 91755

05-04-09

Client: SMIUSD - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #:

Project No.: 52.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
274	end	Technology	I		N	Window frame	metal	Blue	0.2
275			I		S	Door frame			0.1
276		Hallway			S	Wall	Drywall	White	0.2
277					N				0.0
278					W	Window frame	metal	Blue	0.4
279					N	Door frame			0.1
280					S	Door			0.3
281					S	Wall	ceramic	Blue	0.1
282					S	Cooker side	metal	Green	0.2
283	1st	Technology			W	Wall	Drywall	White	0.0
284					S	Window frame	metal	Blue	0.4
285						Door	metal	Blue	0.3
286		END OF STAIR CAULDRON							1.8
287									1.6
288									1.7

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanla Circle
 Monterey Park, CA 91755

XRF LEAD BASEL INT SURVEY

Date: 5-5-09

Project No.: 52.25526.0002

Client: SMMUSO - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

1482/1332

Spectrum Analyzer ID #:

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
289		Calibration							1.8
290		↓							1.6
291		↓							1.7
292	1st Floor	Business Bldg Room B11S			N	Wall	Concrete	White	0.0
293					E	↓	↓	↓	0.0
294					S	↓	↓	↓	0.2
295					W	↓	↓	↓	0.0
296					S	Window Frame	Metal		0.3
297					NW	Electrical Conduit	Steel		0.1
298		B115A			E	Wall	Concrete		0.2
299					N	↓	Drywall	↓	0.0
300					N	Door Frame	Metal	Blue	0.2
301		B126A			W	Wall	Concrete	White	0.3
302					N	↓	Drywall	↓	0.0
303					N	Door Frame	Metal	Blue	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL INT SURVEY



Date: 52.25526.0002 Client: SMMUSD - SANTA MONICA H.S. 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____
 Spectrum Analyzer ID #: _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
304	1st Floor	B126A			W	Cabinet Door	Wood	White	0.2
305		↓			S	Door	Metal	↓	0.2
306		B126C			W	Wall	Plaster	↓	0.1
307		↓			W	Wall	Ceramic	Brown	0.1
308		↓			W	↓	↓	Blue	0.1
309		↓			S	Toilet	Porcelain	White	0.4
310		↓			E	Sink	↓	↓	0.4
311		↓			C	Floor	Ceramic	Brown	0.3
312		B126 & Hallway			E	Wall	Plaster	White	0.1
313		B120			W	Wall	↓	↓	0.1
314					E	↓	Drywall	↓	0.0
315					N	Window Frame	Metal	↓	0.0
316					C	Column	Plaster	↓	0.3
317					S	Door Frame	Metal	Blue	0.1
318		B124			N	Wall	Plaster	White	0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



25 Cupanla Circle
 Monterey Park, CA 91755

Date: S-5-09

Project No.: 52.25526.002

Task No.: 1

Client: SMANUSO - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

1482/1332

Spectrum Analyzer ID #:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
319	1st floor	B124			E	Window Frame	Metal	White	0.4
320		↓			N	Window Sill	Wood		0.1
321		B122			E	Wall	Concrete		0.1
322		↓			W	Wall	Drywall		0.0
323		↓			N	Door Frame	Wood		0.1
324		B111			W	Wall	Concrete		0.4
325					N	↓			0.1
326					S	Window Frame	Metal	↓	0.0
327					S	Counter Top	Wood	White	0.2
328		B111A			S	Wall	Concrete		0.1
329					N	Wall	Drywall		0.1
330					N	Window Trim	Wood		0.0
331		B109			S	Wall	Plaster		0.0
332					S	Sink	Porcelain		0.4
333					W	Door	Metal	↓	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



Date: 5-5-09

Project No.: 52.25526.0002

Client: SMMUSO - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

1482/1332

Spectrum Analyzer ID #:

Task No.:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
334		B105			N	Door Frame	Metal	White	0.2
335		B101			S	Wall	concrete		0.0
336		↓			E	↓	↓		0.2
337		↓	I	1 each	E	Door Frame	Metal	↓	1.0
338		B101B			W	Wall	Concrete	↓	0.5
339		↓			W	Window Frame	Metal	Red	0.3
340		B101 Office			S	Wall	Plaster	White	0.4
341		↓			W	↓	↓	↓	0.2
342		B100A			W	Window Frame	Metal	Blue	0.5
343		↓			W	Wall	Plaster	Yellow	0.3
344		B100			N			White	0.1
345					W		Drywall		0.1
346					W		Concrete		0.5
347		↓			N	Window Frame	Metal	↓	0.1
348		↓			C	Column	↓	Blue	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL INVENTORY SURVEY



Date: 5-5-09 Client: SANLUIS - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
349		B100			E	Electrical Conduit	Steel	White	0.1
350		B104 RR			N	Wall	Ceramic		0.0
351					N	Window Frame	Metal		0.2
352					W	Toilet	Porcelain		0.1
353					E	Urinal	↓		0.2
354					W	Sink	Steel		0.0
355					E	Electrical cabinet	Metal		0.1
356		B106			N	Wall	Concrete		0.4
357					N	Window Frame	Metal		0.2
358					N	Conduit	Metal		0.3
359					E	Wall	Drywall		0.0
360		B106B			W	Wall	↓		0.0
361					S	Door Frame	Metal		0.0
362		B110A			W	Wall	Drywall		0.1
363					E	↓	Plaster	↓	0.2

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



Date: 52.25526.0002 Client: SMUUSD - SANTA MONICA H.S. 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____
 Spectrum Analyzer ID #: _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
364	1st Floor	B110			N	Window Frame	Metal	White	0.0
365					N	Wall	concrete	↓	0.0
366					N	Door	Metal	Blue	0.2
367					C	Column	concrete	White	0.2
368		Business Bldg 1st Floor Hallway			N	Door Post	Metal	Blue	0.0
369					N	Wall	Plaster	White	0.1
370					S	Wall	concrete	↓	0.4
371					N	Fire Extinguisher	Metal	↓	0.1
372					N	Door Frame	↓	↓	0.1
373		Business Bldg Stairwell			W	Hand Rail	↓	Blue	0.5
374					W	Wall	concrete	White	0.0
375	2nd Floor	B201			W	Wall	Plaster	↓	0.2
376					S	Window Frame	Metal	↓	0.4
377					S	Conduit	Steel	↓	0.5
378		B200A			N	Wall	Plaster	↓	0.0

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL ININT SURVEY



25 Cupertin Circle
Monterey Park, CA 91755

Date: 5-5-09

Project No: 52.25526.0002

Task No: 1

Client: SMMUSD - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

1482/1332

Spectrum Analyzer ID #: 1482/1332

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
379	2nd floor	B200			W	Wall	Concrete	White	0.4
380					W	Window Frame	Metal		0.4
381					N	Door Frame	↓		0.0
382			I	1 each	S	Sink	Porcelain		79.9
383		B202	I	456 sq. ft.	S	Wall	Concrete		1.8
384					N	Window Frame	Metal		0.4
385			I	152 sq. ft.	N	Wall	Concrete		2.4
386		B204A	I	110 sq. ft.	W	↓	Plaster		1.0
387					S	Door Frame	Metal		0.2
388					NW	Mop Sink	Porcelain		0.2
389			I	1 each	NE	cabinet	Wood		2.4
390		B204 Womens RR			N	Wall	Ceramic		0.0
391			Fair	1 each	N	Window Frame	Metal		1.0
392			Fair	1 each	N	Window casing	Concrete		1.0
393					W	Toilet	Porcelain	↓	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



25 Cupertino Circle
Monterey Park, CA 91755

1482/1332

Client: SMANUSO - SANTA MONICA H.S.

Spectrum Analyzer ID #:

Date: 52.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Inspector(s):

Task No.:

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
394	2nd Floor	B204 Women RR			C	Hand Dryer Frame	Metal	White	0.1
395					W	Sink	↓	↓	0.2
396					C	Floor	ceramic	Brown	0.2
397					S	Door	Metal	Blue	0.0
398		B206			N	Window Frame	↓	White	0.4
399			I	270 sq. ft.	N	Wall	Concrete		1.0
400					S	↓	↓		0.0
401			I	1 each	S	Sink	Porcelain		>9.9
402					E	Cabinet	Wood		0.1
403		B208			N	Wall	Concrete		0.2
404					E		Plaster		0.4
405					E	Window Frame	Metal		0.3
406					S	Door Frame	↓	↓	0.1
407					W	↓	↓	Brown	0.5
408		B207	I	200 sq. ft.	E	Wall	Plaster	White	1.0

COMMENTS: B206 Office no access

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking



25 Cupanita Circle
Monterey Park, CA 91755

XRF LEAD BASEL IN T SURVEY

Date: 5-5-09 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
409	2nd	B207			E	Window Frame	Metal	White	0.0
410					N	Door Frame	↓	↓	0.1
411					N	Door	↓	Blue	0.0
412		B205			W	Wall	concrete	White	0.3
413					W	Window Frame	Metal	↓	0.0
414			I	1 each	W	Sink	Parcelin	↓	1.0
415					N	Door Frame	Metal	↓	0.1
416		←							1.6
417		←							1.8
418		←							1.7
419		←							1.9
420		←							1.9
421		←							1.9
422	1st Floor	History Bldg H100			N	Wall	Concrete	White	0.6
423					N	Window Frame	Metal	↓	0.2

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupertin Circle
Menlo Park, CA 94025

XRF LEAD BASEL .INT SURVEY

Date: 5-5-09

1482/1332

Spectrum Analyzer ID #:

Client: SMUSD - SANTA MONICA H.S.

Project No.: 52.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
424	1st Floor	H100			E	Door Frame	Metal	White	0.0
425		H104			W	Wall	Concrete		0.3
426		↓			W	Window Frame	Metal		0.4
427		↓			S	Wall	Drywall		0.0
428		H104A			W	Wall	Concrete		0.0
429		↓			W	Window Frame	Metal		0.3
430		↓			N	Wall	Ceramic		0.1
431		↓			E	Toilet	Porcelain		0.2
432		↓			N	Sink	Metal		0.2
433		↓			C	Floor	Ceramic	Brown	0.5
434		H104B			W	Wall	↓	White	0.1
435		↓			W	Wall	Drywall		0.4
436		↓			W	Toilet	Porcelain		0.0
437		↓			W	Urinal	↓		0.2
438		↓			C	Ceiling	Drywall		0.2

COMMENTS: No access to H107

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

XRF LEAD BASELINT SURVEY



Date: 5-5-09

Project No.: 52.25526.0002

Task No.: 1

Client: SMANUSD - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA

1482/1332

Spectrum Analyzer ID #:

90405

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
439	1st Floor	H104B			N	Sink	Metal	White	0.0
440		H106			W	Wall	Concrete		0.4
441					W	Window Frame	Metal		0.1
442			I	5 each	W	Window casing	Wood		2.0
443					S	Wall	Concrete	Blue	0.6
444					S	Conduit	Metal		0.2
445		H114			W	Window Frame		White	0.2
446			I	2 each	W	Window casing	Wood		1.7
447					N	Wall	Concrete		0.5
448					E	Door Frame	Metal		0.0
449		H116			W	Window Frame			0.1
450			I	2 each	W	Window casing	Wood		3.4
451					N	Wall	Drywall		0.1
452			I	300 sqft.	E		Plaster		3.7
453		H118			W	Window Frame	Metal		0.4

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASELINT SURVEY

Date: S-5-09 Client: SAMUISO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: S2-25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
454	1st Floor	H118			W	Window casing	Wood	White	0.2
455		↓			N	Wall	Concrete		0.1
456		H120			W	Window Frame	Metal		0.1
457		↓	I	4 each	W	Window casing	Wood		1.5
458		↓			E	Wall	Plaster		0.1
459		↓			E	Door Frame	Metal		0.0
460		H122			S	Window Frame	↓		0.0
461		↓			S	Wall	Concrete		0.3
462		↓			S	Electrical Conduit	Metal		0.2
463		↓			E	Door Frame	↓		0.1
464		H121			S	Window Frame	↓		0.1
465		↓			S	Wall	Concrete		0.2
466		↓			W	Door Frame	Metal		0.4
467		H119			E	Window Frame	↓		0.0
468		↓	Fair		E	Window Sill	↓		0.3

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
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XRF LEAD BASED PAINT SURVEY



Date: 5-5-09

Project No.: 52.25526.0002

Client: SMANUSO - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA

1482/1332

Spectrum Analyzer ID #:

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
469		H119			E	Wall	Concrete	White	0.2
470		H117			E	Window Frame	Metal		0.4
471			Poor		E	Window casing	Concrete		0.2
472				1EA	E	Wall	Ceramic		0.0
473					S	Toilet	Porcelain		0.1
474					W	Sink	Metal		0.1
475		H115			N	Electrical Box			0.1
476					N	Electrical Conduit			0.1
477					N	Wall	Concrete		0.1
478		H117A			S		Drywall		0.1
479					S	Mop sink	Porcelain		0.2
480					E	Door Frame	Metal		0.1
481		H109			N	Wall	Drywall		0.1
482		H107			E	Window Frame	Metal		0.0
483					E	Wall	Ceramic		0.2

COMMENTS: No access to H113

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL ININT SURVEY



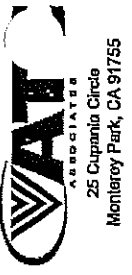
Date: 5-5-09 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52-25526-0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
484	1st Floor	H107			E	Urinal	Porcelain	White	0.2
485		↓			N	Toilet	↓	↓	0.2
486		↓			C	Floor	Ceramic	Brown	0.2
487		H105			E	Window Frame	Metal	White	0.1
488		↓			E	Water Pipe	↓		0.3
489		↓			N	Wall	Plaster		0.0
490		H103			E	Window Frame	Metal		0.1
491		↓	I	4 each	E	Window Casings	Wood		3.3
492		↓			W	Wall	Concrete		0.1
493		↓			W	Poor Frame	Metal		0.1
494		H101			N	Window Frame	↓		0.0
495		↓			S	Wall	Drywall		0.2
496		↓			N	Wall	Concrete		0.6
497		H125			E	Window Frame	Metal		0.1
498		↓	I	10 each	E	Window Casings	Wood	↓	1.3

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL...INT SURVEY



25 Cupertino Circle
Monterey Park, CA 91755

Date: 5-5-09

Project No.: 52.25526.0002

Client: SMMUSD - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA

1482/1332

Spectrum Analyzer ID #: 90405

Task No.: _____ Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
499	1st Floor	H12S			N	Wall	Plaster	White	0.1
500		↓			W	Door Frame	Metal	↓	0.1
501		History Bldg 1st Floor Hallway			W	Wall	Concrete	↓	0.0
502		↓			E	↓	↓	↓	0.1
503		↓			N	Door Post	Metal	Blue	0.1
504		↓			E	Wall	Ceramic	White	0.2
505		↓			E	Door Post	Metal	Blue	0.2
506		H111			N	Wall	Drywall	White	0.2
507		↓			N	Wall	Ceramic	↓	0.1
508		↓			N	Sink	Porcelain	↓	0.4
509		↓			E	Window Frame	Metal	↓	0.2
510		↓			W	Toilet	Porcelain	↓	0.1
511		↓	I	60 sq. ft.	C	Floor	Ceramic	↓	1.8
512		History Bldg 1st Floor Stairwell			N	Hand Rail	Metal	Blue	0.5
513		↓			N	Wall	Concrete	White	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanilla Circle
Monterey Park, CA 91755

XRF LEAD BASELINE SURVEY

Date: S-5-09

Client: SMMUSD - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #: _____

Project No.: S2.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: _____

Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
S14	In between 1st & 2nd	Histor Bldg Stairway Landing	Fair	20 sq. ft.	E	Window Frame	Wood	White	2.3
S15	2nd Floor	H203			E	Window Frame	Metal		0.0
S16			I	5 each	E	Window casing	Wood		1.6
S17					E	Wall	Concrete		0.5
S18					W	Door Frame	Metal		0.0
S19		H201			N	Window Frame	↓		0.0
S20					N	Wall	Concrete		0.3
S21					W	Door Frame	Metal		0.3
S22		H205			E	Window Frame	↓		0.2
S23					E	Window casing	Wood		0.1
S24					W	Wall	Concrete		0.6
S25					W	conduit	Metal		0.5
S26		Elevator Vestibule			N	Wall	Drywall		0.0
S27					E	Door	Metal		0.2
S28					S	Wall	Concrete	↓	0.4

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
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XRF LEAD BASEL .INT SURVEY



Date: S-5-09 Client: SMAUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Locallent: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
S29	2nd Floor	H 207			W	Wall	Drywall	White	0.3
S30		↓			S	Wall	Concrete		0.0
S31		↓			E	Door Frame	Metal		0.0
S32		H 209			W	Window Frame	Metal		0.3
S33		↓	I	2 each	E	Window casing	Wood		1.3
S34		↓			E	Wall	Concrete		0.4
S35		↓			W	Door Frame	Metal		0.1
S36		H 213			E	Window Frame	↓		0.1
S37		↓	I	4 each	E	Window casing	Wood		3.3
S38		↓			W	Wall	Concrete		0.0
S39		↓			W	Door Frame	Metal		0.2
S40		H 215			E	Window Frame	↓		0.3
S41		↓	I	5 each	E	Window casing	Wood		1.0
S42		↓			S	Wall	Concrete		0.2
S43		↓			E	Counter Top	Wood	↓	0.3

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL INENT SURVEY



Date: 5-5-09

Client: SMANUSO - SANTA MONICA H.S.

1482/1332

Project No.: 52-25526-0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
544	2nd Floor	H217			S	Window Frame	Metal	White	0.4
545					S	Wall	Concrete		0.0
546					W	Door Frame	Metal		0.1
547		H218			S	Window Frame	↓		0.0
548					N	Wall	Concrete		0.2
549					N	Conduit	Metal		0.3
550					E	Door Frame	↓		0.3
551		H216			W	Window Frame	↓		0.2
552			I	4 each	W	Window Casings	Wood		3.1
553					N	Wall	Concrete		0.1
554		H214			W	Window Frame	Metal		0.0
555			I	4 each	W	Window Casings	Wood		5.3
556					E	Wall	Concrete		0.0
557					E	Door Frame	Metal		0.1
558		H212			W	Window Frame	Metal		0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL...INT SURVEY



25 Cupanita Circle
Monterey Park, CA 91755

Client: SMMUSD - SANTA MONICA H.S. 1482/1332

Spectrum Analyzer ID #: 601 PICO BLVD, SANTA MONICA, CA 90405

Date: 52.25526.0002

Project No.: 1

Task No.: 1

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
559	2nd Floor	H212	I	1 each	W	Window casing	Wood	White	3.9
560					S	Wall	Drywall		0.1
561					S	Urinal	Porcelain		0.3
562					N	Toilet			0.1
563					E	Wall	Ceramic	Beige	0.3
564					S	Sink	Metal	White	0.0
565		H212A			E		Porcelain		0.2
566					S	Door Frame	Metal		0.1
567		H210			W	Window Frame			0.1
568			I	4 each	W	Window casing	Wood		4.2
569					N	Wall	Plaster		0.3
570		H208			W	Window Frame	Metal		0.0
571			I	4 each	W	Window casing	Wood		1.3
572					W	Wall	Plaster		0.4
573		H206			W	Window Frame	Metal		0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL...INT SURVEY



Date: 52.25526.0002 Client: SMIUSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
574	2nd Floor	H206	I	1 each	W	Window casing	Wood	White	6.2
575					S	Toilet	Porcelain	↓	0.3
576					S	Wall	Ceramic	Beige	0.1
577			I	250 sq. ft.	S	Wall	Drywall	White	3.4
578					N	Sink	Metal		0.0
579		H204			W	Window Frame	↓		0.0
580			I	4 each	W	Window casing	Wood		2.4
581					S	cabinet	↓		0.1
582					E	Wall	Plaster		0.2
583		H202			W	Window Frame	Metal		0.3
584			I	4 each	W	Window casing	Wood		2.0
585					E	Wall	Concrete		0.4
586		H200			N	Window Frame	Metal		0.0
587					N	Wall	Concrete		0.4
588					E	Door Frame	Metal	↓	0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL INIT SURVEY



25 Cupanla Circle
Monterey Park, CA 91755

5-5-09

Date:

Client: SMMUSD - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #:

Project No.: 52.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
S89	2nd Floor	History Bldg 2nd Floor Hallway			N	Door Post	Metal	Blue	0.3
S90					W	Wall	Plaster	White	0.0
S91					E	Wall	↓	↓	0.1
S92					E	Locker	Metal	Brown	0.2
S93					E	Locker Trim		White	0.1
S94					W	Wall	Ceramic	Beige	0.0
S95		Ent of Shift Calibration							1.8
S96									1.6
S97									1.6
S98		Start of Shift Calibration							1.6
S99									1.7
600									1.5
601	Basement	History Bldg H203 023		330 sq ft	W	Wall	Concrete	Green	0.9
602					S	Door Frame	Metal	White	0.0
603		Basement Hallway, Bld H			W	Wall	Plaster	↓	0.2

COMMENTS: History Bldg Basement, Storage RM #1 and #2 surfaces, no ceramics, no porcelains

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanita Circle
Monterey Park, CA 91755

XRF LEAD BASEL PAINT SURVEY

Date: 5-6-09 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
604	Basement	NBld Hallway	Fair		E	Wall	Concrete	White	0.5
605		HO 2 Z			N	Wall	Drywall	↓	0.1
606					N	↓	Ceramic	Beige	0.1
607					N	Toilet	Porcelin	White	0.0
608					W	Sink	↓		0.0
609					C	Ceiling	Drywall		0.0
610		HO 2 I			S	Wall	Plaster	↓	0.1
611					S	Wall	Ceramic	Beige	0.1
612					S	Toilet	Porcelin	White	0.2
613					E	Sink	↓		0.2
614					C	Floor	Ceramic	Yellow	0.2
615		HO 2 O			S	Wall	Plaster	White	0.3
616					N	conduit	Metal		0.3
617		Bld H Basement Hallway			N	Poor Frame	Wood		0.2
618		A015 Basement			N	Wall	Concrete	↓	0.5

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASELINE SURVEY



25 Cupanla Circle
Monterey Park, CA 91755

Date: 5-6-09 Client: SMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
619	Basement	A015	I	600 sq. ft.	W	Wall	Concrete	White	6.2
620		A013	I	200 sq. ft.	E	↓			6.3
621		A015	I	850 sq. ft.	C	Support Column			6.3
622		↓	I	2 each	C	Horizontal Ceiling Support			6.2
623		A013		5 each	S	Door	Metal	Blue	0.1
624			Fair	6 each	C	Horizontal Support Ceiling	Concrete	White	7.4
625				2 each	C	Support Column	↓		6.9
626					N	Sink	Porcelain		0.2
627					W	Soffit	Plaster		0.3
628		A013A			N	Wall	Drywall		0.1
629		A014			N		Plaster		0.1
630		↓			C	Electrical Conduit	Metal		0.0
631		A012			N	Wall	Plaster		0.4
632		↓			E	↓	concrete		0.1
633		↓	I	3 each	C	Support Column	↓		3.4

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL... SURVEY



25 Cupanla Circo
Monterey Park, CA 91755

Date: S-6-09 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
634	Basement	A012			N	Door Frame	Metal	White	0.0
635		↓			N	Door	↓	Blue	0.4
636		A010	I	200 sq. ft.	N	Wall	Concrete	White	3.5
637		↓			W	↓	Plaster		0.4
638		↓			C	Ceiling	Drywall		0.1
639		↓			N	Door Frame	Metal	↓	0.0
640		A010A			N	Wall	Concrete	Black	0.0
641					E	Door	Metal	↓	0.1
642		A010A Hallway			S	Wall	Drywall	↓	0.1
643	1st Floor	A103			N		Plaster	White	0.2
644					E				0.0
645					E	Window Frame	Metal		0.3
646				3 each	E	Window casing	Wood		2.9
647					W	Door	Metal		0.0
648				1 each	C	support column	Concrete		2.9

COMMENTS: No Key to A012A, No access to A011 Mechanical

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL EMENT SURVEY



Date: 5-6-09

Client: SMMUSD - SANTA MONICA H.S.

1482/1332

Project No.: 52.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Spectrom Analyzer ID #: 90405

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
649	1st Floor	A103	I	12 sq. ft.	S	Window Sill	Wood	White	5.9
650		Storage RM #1			S	Window Frame	Metal		0.0
651			I	2 each	S	Window Casings	Wood		3.0
652					S	Wall	Concrete		0.0
653					W	Cabinet	Wood		0.0
654		A105			S	Window Frame	Metal		0.0
655					S	Window Casings	Wood		0.1
656					S	Window Sill	↓		0.2
657					N	Wall	Plaster		0.0
658			I	1 each	C	Support Column	Concrete		2.4
659		A107			N	Window Frame	Metal		0.3
660					N	Window Sill	↓		0.0
661					N	Wall	Plaster		0.2
662		A102			N	Window Frame	Metal		0.3
663			I	2 each	N	Window Casings	Wood		2.0

COMMENTS:

- CONDITION OF PAINT:
- I INTACT
 - F FAIR - Small Amount Flaking
 - P POOR - Large Amounts Flaking



25 Cupertino Circle
Menlo Park, CA 91755

XRF LEAD BASEL EMENT SURVEY

Date: S-6-09 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
664	1st Floor	A102			W	Wall	Concrete	White	0.1
665		↓			C	we support column	↓		0.1
666					E	Door Frame	Metal		0.0
667		Storage RM #2			E	Wall	Plaster		0.1
668		↓			W	Wall	↓		0.2
669		↓			W	Access Ladder	Metal		0.2
670		↓			W	Access Hatch	↓		0.0
671		A101C			N	Wall	drywall		0.1
672		↓			S	Toilet	Porcelain		0.1
673		↓			E	sink	↓		0.1
674		↓			C	Floor	Ceramic	white & green	0.1
675		↓	I	15 linft	E	Base Cove	↓	White	2.0
676		Storage RM #3			N	window Frame	Metal		0.3
677		↓	I	2 each	N	window casing	Wood		6.8
678		↓			E	Wall	Plaster	↓	0.3

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL PAINT SURVEY



5-6-09

Client: SMIUSD - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #:

Project No.: 52.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
679	1st Floor	A101			E	Window Frame	Metal	White	0.3
680			I	3 each	E	Window casing	↓		3.6
681					E	Wall	Plaster		0.0
682			I	1 each	C	support column	Concrete	↓	3.8
683		Lunch calibration							1.7
684		↓							1.7
685		Return from Lunch calibration							1.7
686		↓							1.6
687		English Bldg							1.6
688		↓							1.6
689		English Bldg			S	Window Frame	Metal	Blue	0.2
690		↓			S	Window casing	Wood	White	0.3
691		↓			S	Wall	Concrete	↓	0.0
692		↓			N	Wall trim	Wood	↓	0.1
693		E115			E	Window Frame	Metal	Blue	0.4

COMMENTS: No access E111

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amounts Flaking
- P POOR - Large Amounts Flaking



25 Cupanita Circle
Monterey Park, CA 91755

XRF LEAD BASEL INT SURVEY

S-6-09

Date:

Project No: 52.25526.0002

Task No: 1

Client: SMMUSD - SANTA MONICA H.S.

Spectrum Analyzer ID #:

1482/1332

Survey Location:

601 PICO BLVD, SANTA MONICA, CA 90405

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
694	1st Floor	E115			E	Window casing	Wood	White	0.4
695		↓			E	Door Frame	Metal	↓	0.2
696		E113			E	Window Frame	Metal	Blue	0.5
697		↓			E	Window casing	Wood	White	0.4
698		↓	I	675 sqft.	W	Wall	Concrete	↓	1.0
699		↓			W	Door Frame	Wood	↓	0.1
700		E109 South			E	Window Frame	Metal	Blue	0.4
701		↓			E	counter top	Wood	White	0.3
702		↓			W	Wall	Concrete	↓	0.0
703		↓			W	Door Frame	Wood	↓	0.1
704		E109B			E	Window Frame	Metal	Blue	0.5
705		↓			E	Window casing	Wood	White	0.4
706		↓			E	Wall	Concrete	↓	0.4
707		E107			E	Window Frame	Metal	Blue	0.2
708		↓			E	Window casing	Wood	White	0.4

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL ININT SURVEY



Date: S-6-09 Client: SMANUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332

Project No.: S2.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
709	1st Floor	E107			S	Wall	Drywall	White	0.2
710		↓			W	Electrical Conduit	Metal	↓	0.4
711		E105	I	350 sq. ft.	S	Wall	Concrete	Green	1.0
712		↓	I	8 lin. ft.	S	Wall Trim	Wood	Green	1.0
713		E103			E	Window Frame	Metal	Blue	0.3
714		↓			E	Shelf	Wood	White	0.0
715		↓			E	Wall	Drywall		0.1
716		E101			E	↓	Concrete		0.0
717		↓			W	Door Trim	Wood		0.4
718		↓			W	Door Frame			0.3
719		E100			N	Window casing			0.4
720			I	1 each	E	Chalk Board Frame			1.3
721					N	Window Sill			0.0
722					W	Wall trim	↓	↓	0.4
723		E104			W	Wall	Ceramic	Beige	0.3

COMMENTS: No key to E104B

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



25 Cupertin Circle
 Monterey Park, CA 91755

XRF LEAD BASEL PAINT SURVEY

1482/1332

Client: **SMAUISO - SANTA MONICA H.S.**

Spectrum Analyzer ID #:

Survey Location: **601 PICO BLVD, SANTA MONICA, CA 90405**

Date: **5-6-09**

Project No.: **52.25526.0002**

Task No.: **1**

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
724	1st Floor	E104			E	Toilet	Porcelain	White	0.2
725					E	Urinal	↓	↓	0.1
726					E	Sink	Metal	↓	0.2
727					N	Door Frame	↓	↓	0.0
728					C	Floor	Ceramic	Brown	0.3
729		E104A	I	25 sq. ft.	N	Wall	Concrete	Green	1.0
730		↓	I	1 each	W	Door Frame	Wood	Black	1.0
731		E106			N	Wall	Concrete	White	0.2
732					N	conduit	Metal	↓	0.0
733					S	Wall	Drywall	↓	0.1
734					S	Hand Rail	Metal	Blue	0.5
735					W	Wall	Concrete	White	0.1
736					N	Wall	Drywall	↓	0.1
737		E110			N	↓	Ceramic	Beige	0.4
738		↓			N	Toilet	Porcelain	White	0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL EMENT SURVEY



25 Cupertin Circle
Menlo Park, CA 94025

Date: 5-6-09

Project No.: 52.25526.0002

Client: SMMUSD - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA

1482/1332

Spectrum Analyzer ID #:

90405

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
739	1st Floor	E110			S	Sink	Metal	White	0.0
740		↓			S	Door Frame	↓		0.2
741		E110A			N	Wall	Brick		0.1
742					C	Ceiling	Drywall		0.1
743			I	1 each	S	Sink	Porcelain		1.7
744		Empty Bldg			N	water pipe	Metal		0.0
745		English Bldg			W	Wall	Plaster		0.4
746		1st Floor Hallway			E	↓	↓		0.5
747					SW	window casing	Wood	↓	0.6
748					SW	Wall	Ceramic	Beige	0.2
749					SW	Door Post	Metal	Blue	0.1
750			I	2 each	SW	Electrical Box	↓	White	2.2
751					E	Locker Trim	Wood		0.2
752			I	400 each	E	Locker Door	Metal	Brown	2.0
753	↓	English Bldg Stairwell			N	Wall	Concrete	White	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL EMENT SURVEY

Date: 5-6-09 Client: SMNUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
754	1st Floor	English Bldg South Stairwell			N	Hand Rail	Metal	Blue	0.5
755	1st Floor	English Bldg South Stairwell Landing	I	1 each	N	Bulletin Board Frame	Wood	White	1.7
756	↓	↓			W	Door Trim	↓	↓	0.0
757	2nd Floor	E 217			S	Window Frame	Metal	Blue	0.5
758		↓			S	Window casing	Wood	White	0.3
759		↓			W	Chalk Board Frame	↓	Green	0.0
760		↓			N	Wall	Concrete	White	0.3
761		↓			N	Wall trim	Wood	↓	0.1
762		E 215			E	Window Frame	Metal	Blue	0.4
763		↓			E	Window casing	Wood	White	0.3
764		↓			S	Chalk Board Frame	↓	↓	0.2
765		E 213			E	Window casing	↓	↓	0.2
766		↓			E	Shelf	↓	↓	0.2
767		↓			W	Bulletin Board Frame	↓	↓	0.3
768		↓			W	Wall	Concrete	↓	0.0

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL EMENT SURVEY



25 Cupertino Circle
Monterey Park, CA 91756

Date: 5-6-09 Client: SMMUSD - SANTA MONICA H.S. 1482/1332
 Project No.: 52.25526.0002 Survey Locallant: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
769	2nd Floor	E213			W	Door Frame	Wood	White	0.3
770		E210	Fair		S	Wall	Concrete	↓	0.5
771					S	Door Frame	Metal	Blue	0.0
772					W	Window	Wood	White	0.1
773					N	water pipe	Metal	↓	0.1
774		E208			S	Wall	Plaster	↓	0.3
775					E	↓	Drywall	↓	0.0
776					W	counter top	Wood	Green	0.3
777					N	Door Frame	Metal	↓	0.4
778		E208A			N	Wall	Drywall	White	0.1
779					N	↓	ceramic	Beige	0.5
780					N	Toilet	Porcelain	White	0.2
781					N	Sink	↓	↓	0.1
782		E209			N	Wall	Plaster	↓	0.6
783					W	↓	Drywall	↓	0.2

COMMENTS: Unable to reach ceiling in E209; need scissor lift

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL... SURVEY



25 Cupertino Circle
Monterey Park, CA 91755

1482/1332

Client: SMMUSO - SANTA MONICA H.S.
 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Spectrum Analyzer ID #: _____

Date: 5-8-09
 Project No.: 52.25526.0002
 Task No.: 1

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
799	2nd Floor	E203A	I	20 lin ft	W	Wall Trim	Wood	White	2.5
800		↓			S	Door Frame	Metal	↓	0.1
801		E201	Fair		N	Wall	Concrete	↓	0.5
802		↓			E	Window Frame	Metal	Blue	0.5
803		↓			E	Window casing	Wood	White	0.3
804		↓		45 lin ft	W	Built-in Board Trim	↓	↓	3.2
805		↓			W	Door Frame	↓	↓	0.2
806		E201A			E	Window Frame	Metal	Blue	0.4
807		↓			E	Window casing	Wood	White	0.5
808		↓			N	Door Frame	Metal	↓	0.0
809		E200			N	Window Frame	↓	Blue	0.5
810		↓			N	Window casing	Wood	White	0.5
811		↓			S	Wall trim	↓	↓	0.0
812		↓			S	Wall	Concrete	↓	0.1
813		↓			S	Door Frame	Wood	↓	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amount Flaking



25 Cupania Circle
 Monterey Park, CA 91755

XRF LEAD BASEL EMENT SURVEY

Date: 5-6-09 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
814	2nd Floor	English Bldg, 2nd Floor Hallway			W	Wall	Concrete	White	0.5
815					E	Wall	Plaster	↓	0.5
816					W	Window Casings	Wood	↓	0.0
817					W	Wall	Ceramic	Beige	0.0
818					W	Wall Trim	Wood	White	0.2
819			I	400 each	E	Locker	Metal	Brown	2.0
820					NW	Door Post		Blue	0.3
821		End of Shift Calibration							2.0
822									1.9
823									1.9
824		Calibration							1.5
825									1.6
826									1.5
827	1st	Language L-114			S	Wall	Plaster	White	0.1
828					N		Original		0.0

Inspector(s): _____
 COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASEL PAINT SURVEY

Client: SANMUNDO - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Spectrum Analyzer ID #: 1482/1332

Date: 52.25526.0002

Project No.:

Task No.:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
829	1st	L-114	I		E	Door frame	wood	white	0.1
830		L114A			N	Wall	Plaster	white	0.0
831					N	Wall tile	ceramic	Brige	0.0
832					W	Toilet	porcelain	white	0.2
833					S	Sink			0.2
834					center	floor tile	ceramic	brown	0.2
835		L108B			W	Wall	Plaster	white	0.2
836					S	Door frame	wood	white	0.1
837		L108A			E	Wall	Plaster	white	0.1
838					N	Window frame	metal	white	0.3
839					N	Electrical conduit	metal		0.0
840					S	Wall	Plaster	white	0.1
841					S	Window frame	metal	blue	0.4
842					N	Door	metal	white	0.2
843					E	Wall	Plaster	yellow	0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL ININT SURVEY

1482/1332

Client: SMMUSD - SANTA MONICA H.S.

Spectrum Analyzer ID #:

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Project No.: 52.25526.0002

Inspector(s): 1

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
844	1st	Lang-ge L106	S		N	Acoustifone plaster	plaster	white blue	0.2
845		L104			W	Door frame	metal	white	0.0
846					S	wall	plstc	white	0.0
847					N	Door frame	wood	white	0.1
848		L102			S	window frame	metal	blue	0.1
849					S	widow sill	wood	white	0.2
850					N	wall	drywall	blue	0.1
851		L100			W	wall	↓	white	0.0
852					S	Window frame	metal	blue	0.3
853		L101			N	Window frame	metal	blue	0.5
854					↓	wall	drywall	white	0.2
855					S	Door	metal	blue	0.0
856		L103			N	Window sill	wood	white	0.2
857					S	wall	drywall	white	0.2
858		L105			N	Window frame	metal	blue	0.3

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL PAINT SURVEY

1482/1332

Client: **SMMUSD - SANTA MONICA H.S.**

Spectrum Analyzer ID #: _____

Date: _____
Project No.: **52.25526.0002**

Survey Location: **601 PICO BLVD, SANTA MONICA, CA 90405**

Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
859	1st	Language	L105	S	S	Door frame	wood	white	0.3
860			L107	W	W	Wall	dry wall	white	0.0
861				S	S	Door	wood	blue	0.2
862			L107A	N	N	Wall	dry wall	white	0.2
863						Wall tile	ceramic	orange	0.3
864					N	Sink	Porcelain	white	0.1
865						Toilet			0.2
866					Center	floor tile	ceramic	Brown	0.3
867			L109B		N	Wall	dry wall	Green	0.1
868					N	Sink	Porcelain	white	>9.9
869			L109A		S	Wall	Plaster	Green	0.1
870					N	Wall	dry wall	green	0.2
871					E	Door frame	metal	Green	0.2
872			L109D		S	Wall	Plaster	White	0.2
873					W	Wall	wood	white	0.0

COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking



XRF LEAD BASEL IN T SURVEY

1482/1332

Client: SMANUSD - SANTA MONICA H.S.

Spectrum Analyzer ID #:

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Date: 52.25526.0002

Inspector(s):

Task No.:

1

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
874	1st	Language	I		N	wall	drywall	white	0.1
875			P		E	Door	metal	yellow	0.2
876			I		N	window frame	metal	blue	0.4
877			I		N	wall	drywall	white	0.0
878			I		N	wall	plaster	white	0.0
879			I		W	door frame	wood	white	0.1
880			I		S	wall	drywall	↓	0.0
881			I		S	door frame	wood	white	0.1
882			P		W	Door	wood	yellow	0.1
883			I		S	wall	drywall	white	0.1
884			I		W	Door	metal	blue	0.2
885			I		S	wall	drywall	white	0.2
886			I		S	w: door frame	metal	blue	0.0
887			I		N	wall	drywall	white	0.1
888			I		E	door frame	metal	blue	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cuponia Circle
 Monterey Park, CA 91755

XRF LEAD BASELINE PAINT SURVEY

Date: 52.25526.0002 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
889	1st	Language	I		N	wall	drywall	Brown	0.1
890					S			white	0.2
891					E	Door frame	metal	blue?	0.0
892					E	window frame	metal	white	0.1
893		L117C			W	wall	drywall	white	0.1
894		L117B				wall tile	ceramic	orange	0.1
895		L117A			W	sink	porcelain	white	0.0
896						toilet			0.2
897					Center	floor	ceramic	brown	0.5
898		L118			N	wall	drywall	brown	0.1
899					E	Door	metal	brown	0.1
900		Hallway			N	Door post		blue	0.1
901					N	Door	metal	blue	0.0
902					E	wall	plaster	white	0.1
903					W				0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL EMENT SURVEY

1482 / 1332

Client: SMAVUSO - SANTA MONICA H.S.

Spectrum Analyzer ID #: _____

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Project No.: 52.25526.0002

Date: _____

Task No.: _____

Inspector(s): 1

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
904	STAIRWAY TO 2ND FLOOR	CABINETS STAIRWAY	I		W	Wall	plaster	white	0.1
905	2ND				↓	Handrail	metal	Blue	0.4
906		L208			N	Wall	original	white	0.0
907					N	Door frame	metal	↓	0.1
908		L208A			W	Wall	plaster	white	0.0
909					E	Door	wood	↓	0.1
910		L208B			N	Wall	original	white	0.2
911					N	Wall	ceramic	Beige	0.4
912					N	toilet	porcelain	white	0.1
913					N	SINK	↓	↓	0.2
914					Center	floor Center	ceramic	Brown	0.2
915		L208B			N	Wall	original	white	0.2
916					↓	Wall tile	ceramic	Beige	0.2
917					↓	SINK	porcelain	white	0.0
918					↓	toilet	↓	↓	0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL EMENT SURVEY

1482/1332

Client: **SMAUSD - SANTA MONICA H.S.**

Spectrum Analyzer ID #:

Survey Location: **601 PICO BLVD, SANTA MONICA, CA 90405**

Project No.: **52.25526.0002**

Date:

Task No.:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
919	2nd	Longmire L206A	F		W	wall	ceramic	blue	6.1
920					E	toilet	Porcelain	white	0.2
921					E	urinal		↓	0.3
922					E	sink	metal	white	0.0
923					corner	Floor tile	ceramic	brown	0.2
924		L206			S	window frame	metal	blue	0.3
925					N	wall	original	white	0.0
926		L207			W	wall	↓	↓	0.1
927					N	Door	metal wood	white	0.0
928		L207			S	window frame	metal	blue	0.5
929					N	wall	drywall	white	0.3
930		L209			S	wall	↓	↓	0.0
931					N	Door frame	metal	blue	0.3
932		L201			N	window frame	metal	blue	0.4
933					N	window sill	↓	↓	0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL PAINT SURVEY

Client: SANJUAN - SANTA MONICA H.S. Spectrom Analyzer ID #: 1482/1332
 Survey Location: 601 PICO BLVD., SANTA MONICA, CA 90405

Date: _____
 Project No.: 52-25526-0002

Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
934	2nd	Language L203	I		N	Wall	Plaster	White	0.1
935		↓			S	Door frame	metal	Blue	0.1
936		L205			W	Wall	Plaster	White	0.0
937		↓			S	↓	↓	↓	0.0
938		L207			N	Window frame	metal	Blue	0.4
939		↓			S	Door frame	Wood	White	0.0
940		L207A			E	Wall tile	ceramic	Beige	0.1
941		↓				Toilet	Porcelain	White	0.4
942		↓				Sink	metal	↓	0.1
943		↓			Center	Floor tile	ceramic	brown	0.4
944		L207B			N	SINK	Porcelain	White	>9.9
945		↓			N	W-M	Pl-ster	↓	0.0
946		↓			E	Access door	metal	Green	0.7
947		↓			S	Door	Wood	White	0.1
948		↓			N	Door frame	↓	↓	0.1

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL EMENT SURVEY



25 Cupanla Circle
 Monterey Park, CA 91755

Date: 52.25526.0002 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
949	2nd	Longcase Hallway	I		N	Door	metal	blue	0.0
950					N	Door			0.1
951					E	wall	original	white	0.1
952					W				0.1
953					S	fire exit case	metal	white	0.1
954		L210			W	wall	Plaster	white	0.0
955					E		wood		0.1
956					W	Door			0.1
957		L210D	I	1 Eech	E	sink	Porcelain	white	29.9
958						wall	drywall		0.3
959		L210C			E	wall			0.1
960		L210A	I	1 Eech	W	sink	Porcelain	white	4.1
961		L209			W	wall	Plaster	white	0.0
962						window frame	metal	blue	0.2
963					E	wall	Plaster	white	0.1

COMMENTS: No keys L210 E, and L210 F, L210 B, L210 A,

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASEL PAINT SURVEY

1482/1332

Client: SMANUSD - SANTA MONICA H.S.

Spectrum Analyzer ID #:

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Project No.: 52.25526.0002

Date:

Task No.:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
964	1st	C100	I		W	Window frame	metal	white	0.2
965					W	Window casing	wood	↓	0.0
966					W	Door	metal	gray	0.2
967		C101			N	Wall	Plaste	white	0.1
968					W	Door	metal wood	white	0.1
969					W	Door frame	wood	↓	0.0
970		C102			N	Wall	ceramic	Blue	0.1
971					E	sink	porcelain	white	0.3
972					E	Toilet	↓	↓	0.2
973					Center	floor tile	ceramic	Brown	0.4
974		C103			E	Wall	↓	white	0.7
975					E	sink	porcelain	↓	0.2
976					W	Toilet	↓	↓	0.2
977		servicing area	F		W	Wall	Plaster	white	0.1
978		↓ gen area			S	↓	↓	↓	0.2

COMMENTS:

No key to C104, C105, C129, C106

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL PAINT SURVEY

25 Cupanla Circle
Monterey Park, CA 91755

1482/1332

Client: **SMMUSD - SANTA MONICA H.S.**

Spectrum Analyzer ID #: _____

Survey Location: **601 PICO BLVD, SANTA MONICA, CA 90405**

Project No.: **52.25526.0002**

Date: _____

Task No.: **1**

Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg/cm ²)
979	1st	C100	I		S	white tile	ceramic	white	0.0
980		C110			W	wall	plaster	white	0.0
981					N	wall			0.1
982					S	door frame	metal		0.1
983		C110B			N	wall	Dynal		0.1
984					↓	wall	ceramic	Brige	0.1
985					↓	tile	porcelain	white	0.2
986					E	sink			0.2
987					Center	floor tile	ceramic	brown	0.3
988		C110A			N	wall	Dynal	white	0.1
989					↓	tile	ceramic		0.6
990					↓	tile	porcelain		0.0
991					W	sink			0.1
992					S	Door	metal		0.1
993		C121			W	Window	wood		0.1

COMMENTS:

no lead

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL IN T SURVEY

Client: SMMUSD - SANTA MONICA H.S. Date: 1482/1332
 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Spectrum Analyzer ID #: _____
 Project No.: 52.25526.002
 Task No.: _____
 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
994	1st	classroom C123	S		N ↓	wall	drywall	white	0.2
995						electrical box	metal	↓	0.1
996					S	wall	Plaster	white	0.0
997					E	↓	↓	↓	0.1
998		cafeteria kitchen			S ↓	sink	porcelain	white	0.1
999					E ↓	wall	dry wall	↓	0.3
1000					E	↓	plaster	white	0.1
1001			I	BLEACH	center	floor drain	porcelain	↓	>9.9
1002					W	sink	↓	white	0.3
1003					N	wall	drywall	↓	0.0
1004					↓	wall white	ceramic	blue	0.2
1005					S	sink	porcelain	white	0.0
1006					S	white	↓	↓	0.2
1007					center	fleece	ceramic	Brown	0.0
1008					N	wall	plaster	white	0.2

COMMENTS: NO KEY C-122

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASEL

1482/1332

Client: **SMAVUSO - SANTA MONICA H.S.**

Spectrum Analyzer ID #: **1482/1332**

Survey Location: **601 PICO BLVD, SANTA MONICA, CA 90405**

Project No.: **52-25526-0002**

Date:

Task No.: **1**

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1009	1st	C-tertia C126	↓		W	wall	Plaster	white	0.0
1010					N	Door frame	metal	↓	0.0
1011		C128	↓		N	wall	Plaster	white	0.0
1012					S	Door	wood	↓	0.0
1013		C130	↓		W	↓	metal	blue	0.2
1014	Basement	south exm SG14			N	wall	drywall	white	0.1
1015					S	↓	concrete	↓	0.0
1016					E	Door frame	metal	blue	0.0
1017					N	Door frame	metal	white	0.2
1018		SG15	↓		N	wall	concrete	white	0.3
1019					S	wall	drywall	↓	0.0
1020					S	Door frame	metal	↓	0.2
1021		SG14A	↓		N	wall	plaster	↓	0.1
1022					W	white pipe	metal	white	0.0
1023					W	Door frame	↓	blue	0.2

COMMENTS:

no new SG12, SG16

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amounts Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL PAINT SURVEY



Date: 52.25526.0002 Client: SMMUSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1024	Basement	5G-16B	I		W	wall	concrete	white	0.0
1025					W	electrical conduit	metal		0.2
1026					E	Door	metal	blue	0.2
1027		5G-16A			W	wall	concrete	white	0.0
1028					E		dry wall		0.2
1029		WEST HALLWAYS			W	wall			0.1
1030		5G-13			N		concrete	white	0.1
1031					W	wall	plaster		0.1
1032					W	Door	wood	white	0.1
1033		5G-11			N	wall	dry wall		0.2
1034						wall	concrete	blue	0.1
1035					N.E	metal sign	metal	white	0.2
1036		5G-10			N	wall	brick	white	0.2
1037					E		plaster		0.2
1038					W	electrical conduit	metal		0.2

COMMENTS: NO KEYS 5G-16

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL EMENT SURVEY



25 Cupanla Circle
Menlo Park, CA 91755

Date: 1482/1332
 Client: SMMUSD - SANTA MONICA H.S.
 Project No.: 52.25526.0002
 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Spectrum Analyzer ID #: 1482/1332

Task No.: 1
 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1039	Basement	South of Main East Hallway	S	5	E	wall	drywall	white	0.0
1040						wall tile	ceramic	Blue	0.2
1041						Hand rail	metal	Blue	0.0
1042					W	wall	concrete	white	0.2
1043	1st	56120			E	wall	↓	↓	0.0
1044					↓	Door	metal	Blue	0.0
1045					E	Door post	↓	↓	0.1
1046					S	wall	concrete	white	0.1
1047					W	Door	metal	Blue	0.0
1048					W	Header trim	metal	white	0.1
1049			S	4 EACH	N	sink	Porcelain	↓	9.7
1050					N	Window frame	metal	↓	0.0
1051		West Hallway			E	wall	drywall	white	0.0
1052					W	Door frame	metal	↓	0.0
1053					↓	wall	concrete	↓	0.0

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL EMENT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 52-25526-0002 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52-25526-0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1054	1st	South Gym West Hallway	I		N	Wall Tile	Ceramic	Brige	0.0
1055					E	Pipe Hose	metal	white	0.0
1056					W	Hand rail	metal	Blue	0.1
1057					W	Door	metal	Blue	0
1058				1 EACH	J	Door frame	↓	↓	1.3
1059				55 SF	W	Bottom Board	wood	white	1.2
1060		56111			W	Wall	drywall	↓	0
1061					W	Door frame	metal	white	0.2
1062					S	Locker	↓	Brige	0.0
1063		56112			N	Wall	Ceramic Brige	Brige	0.0
1064					N	Floor	Ceramic	Brown	0.0
1065					S	Sink	metal	white	0.0
1066					E	Window	Porcelain	white	0.0
1067					↓	Boiler	Porcelain	↓	0.0
1068					E	Gate Door	metal	Blue	0.2

A A

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COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

PAGE ____ OF ____



XRF LEAD BASEL

1482/1332

Client: SMMUSD - SANTA MONICA H.S.
 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Spectrum Analyzer ID #: _____

Date: 52.25526.0002

Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1069	1st	South	I		N	wall	drywall	white	0.0
1070					W	door frame	metal		0.0
1071					S	wall	ceramic	Beige	0.0
1072						sink	Porcelain	white	0.0
1073					Center	floor	ceramic	Brown	0.0
1074					N	locker	metal	Beige	0.1
1075						toilet	Porcelain	white	0.0
1076		Calibration mid							1.8
1077									1.9
1078									1.9
1079		South	F		W	wall	concrete	white	0.0
1080						window sill			0.2
1081					N	wall			0.2
1082					N	wall	original		0.1
1083					E				0.8

COMMENTS: _____

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanita Circle
 Monterey Park, CA 91755

XRF LEAD BASEL EMENT SURVEY

Date: 52.25526.0002 Client: SMMUSD - SANTA MONICA H.S. Spectrom Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1084	15 th	56/101	S		N ↓	Locker	metal	Brige	0.0
1085		56/102			W ↓	wall	concrete	white	0.1
1086					E ↓	Door frame	metal	white	0.1
1087		56/102A			N ↓	wall	concrete	white	0.2
1088					S ↓	wall	ceramic	Brige	0.2
1089					↓	tile	Porcelain	white	0.1
1090					↓	sin N	↓	white	0.1
1091					↓	toilet	↓	white	0.2
1092					Center	floor	ceramic	Brwn	0.1
1093		56/103			W	wall	cermic	Brige	0.0
1094					SW	toilet	Porcelain	white	0.2
1095					E	sin N	metal	↓	0.1
1096		56/101			N	Cage door	metal	Brwn	0.0
1097		56/101			W	wall	Porcelain	white	0.1
1098					E	wall	ceramic	Brige	0.3

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



25 Cupunia Circle
Monterey Park, CA 91755

XRF LEAD BASEL PAINT SURVEY

Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Project No.: 52.25526.0002
 Task No.: 1

Sample No.	Floor	Room/Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
1099	1st	SOUTHGYM SG100			S	MOP SIGN	IRON	White	0.2
1100		↓ WESTHALLWAY			E	FIRE HOSE COILING	metal	↓	0.2
1101		↓			↓	WALL	DRYWALL	↓	0.1
1102		↓			E	WALL TRIM	CEMENTIC	Beige	0.2
1103		↓			E	BATHROOM	WOOD	White	0.2
1104	2nd	SOUTHGYM SG205			N	WALL	CONCRETE	↓	0.1
1105		↓			W	↓	PLASTER	↓	0.1
1106		↓			S	REGISTRY LOCKER	metal	↓	0.4
1107		↓	I	2 E-CH	W	DOOR FRAME	metal	↓	1.0
1108		↓			↓	DOOR	WOOD	↓	0.2
1109		↓			E	WALL	PLASTER	↓	0.0
1110		↓			W	↓	CONCRETE	↓	0.0
1111		↓			↓	BLACKBOARD TRIM	WOOD	↓	0.1
1112		↓		1 E-CH	S	DOOR FRAME	metal	↓	1.0
1113		↓		1 E-CH	E	↓	↓	↓	1.0

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amounts Flaking
 P POOR - Large Amounts Flaking



25 Cuponia Circle
Monterey Park, CA 91755

XRF LEAD BASEL EMENT SURVEY

Date: _____ Client: SMMUSD - SANTA MONICA H.S. 1482/1332
 Project No: S2.25526.0002 Survey Localities: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No: 1 Inspector(s): _____ Spectrum Analyzer ID #: _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1114	2nd	South gym west	I		W	wall	plaster	white	0.1
1115						fire escape missing hand rail	metal		0.0
1116							concrete	slugg	0.1
1117		SG205A			N	wall	plaster	yellow	0.2
1118					E	door frame	metal	white	0.0
1119		SG20			S	wall	plaster		0.6
1120					N	door frame	metal		0.2
1121		North Hall 1-2			N	wall	concrete		0.1
1122					S		plaster		0.2
1123		SG203			N	Neo stone	metal		0.2
1124					N	wall	ceramic	orange	0.1
1125					N	wall	porcelain	white	0.2
1126					E	toilet			0.3
1127					conce	floor	ceramic	Brown	0.1

COMMENTS: No key SG200A

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



25 Cupanla Circle
Monterey Park, CA 91755

Date: _____ Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
11 29	2nd	South Gym	F		N	w-n	ceramic	Beige	0.2
11 30					E	Toilet	Porcelain	white	0.1
11 31						sink		↓	0.3
11 32					S	Door frame	metal	↓	0.2
11 33					S	w-n	Pl-ster	↓	0.2
11 34		E-SE hallway				w-n	ceramic	Beige	0.2
11 35					S	w-n	metal	white	0.0
11 36					S	fire hose cabinet	metal	↓	0.2
11 37					E	electrical conduit	metal	↓	0.2
11 38						Door frame			2.0
11 39		Calibration and at shift at 05/07/09							1.8
11 40									1.9
11 41		Calibration and at 05/09/09							1.5
11 42									1.5
11 43									1.5

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



25 Cupola Circle
Monterey Park, CA 91755

XRF LEAD BASED PAINT SURVEY

Date: 05/08/09 Client: SANMUNDO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: SL 25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
1144	152	NORM GYM	I		S	wall	Drywall	white	0.1
1145		ART ROOM	PB	400SF			Plaster		1.7
1146		ART ROOM	F	400SF	S	mirror tr.	wood	white	0.1
1147			S		W	support column	Plaster	white	0.2
1148					E	Door frame	metal		0.2
1149					ceiling	wall ceiling	Drywall	white	0.1
1150					W	Hand rail	wood		0.2
1151			I	100SF	N	wall	concrete	white	2.6
1152					center	ceiling	Drywall		0.0
1153					W	Door frame	metal		0.3
1154				100SF	W	wall	Plaster		5.1
1155					E	fire hose cage	Brick masonry	Br-ige	0.0
1156					E	electrical panel	metal	white	0.1
1157					E	wall	Plaster		0.2
1158					E	Door frame	metal		0.0

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASED PAINT SURVEY

Date: _____ Client: SMMVSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1159	1st	North Gym	5		E	Electrical Conduits	metal	white	0.4
1160				300cf	N	rail	metal	Blue	3.2
1161						floor	wood	Blue	0.2
1162				1 E-CH		cage	metal	white	1.0
1163					W	Base trim	metal	↓	0.1
1164					N	wall	Plaster	↓	0.0
1165						Electrical conduits	metal	↓	0.4
1166						benches	wood	stain	0.0
1167					W	fire hose case	metal	white	0.1
*1168				300cf	S	rail	↓	blue	3.4
1169					E	wall	plaster	white	0.0
1170						water pipe	metal	↓	0.3
1171					E	locker door	wood	blue	0.0
*1172				40cf	S	E Beam	metal	yellow	>9.9
1173					center	ceiling	Plaster	white	0.1

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



Date: 52.25526.0002 Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1174	1st	North Gym	I		N	Door frame	metal	white	0.0
*1175			F	2 EACH	N	Door	↓	↓	0.7
1176			I		N	wall	Plaster	white	0.3
1177					N	windown frame	metal	Blue	0.6
1178					E		↓	white	0.0
1179					E	wall	drywall	↓	0.0
1180					E	wall tile	ceramic	Blue	0.2
1181					E	locker	metal	Blue	0.3
1182					E	sink	Porcelain	white	0.1
1183					W	toilet	↓	↓	0.2
1184					center	floor	ceramic	Brown	0.2
1185					N	wall	toilet drywall	white	0.1
1186					↓	wall tile	ceramic	↓	0.3
1187					E	urinal	Porcelain	white	0.1
1188					↓	toilet	↓	↓	0.2

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



Date: 5.25.26.0002 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
1189	1st	Workshop	I		W	Sink	Porcelain	White	0.2
1190					E	Locker	metal	White	0.4
1191					Center	floor	Ceramic	Brown	0.0
1192		N102			E	wall	Brick	White	0.3
1193					E	Locker	metal	Blue	0.0
1194					N	Door frame		White	0.2
1195		N104			W	wall	Brick	White	0.2
1196					W	Locker	metal	Blue	0.1
1197					N	Door frame	metal	White	0.2
1198		N106			E	wall	Brick	White	0.1
1199					W	Locker	metal	Blue	0.1
1200		N108			W	wall	Brick	Blue	0.3
1201					E	Locker	metal	Blue	0.0
1202		N110			W	wall	Plaster	White	0.1
1203					E	Support structure	metal	White	0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASED PAINT SURVEY

Date: _____ Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405

Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1204	15 th	North Gym N10	I		W	Electrical Conductor	metal	white	0.0
1205					S	water pipe	↓	↓	0.3
1206					S	door frame	↓	↓	0.3
1207		N101			N	wall	Plaster	white	0.2
1208					E	Door frame	metal	white	0.1
1209					S	floor drain	Porcelain	↓	0.1
1210					S	wall	drywall	white	0.1
1211		N103			N	wall	↓	↓	0.2
1212					↓	door frame	metal	↓	0.2
1213		N105			E	wall	drywall	white	0.0
1214					S	locker	metal	Brige	0.2
1215					N	door frame	↓	white	0.1
1216		N107			N	wall	ceramic	Brige	0.1
1217					Center	floor	↓	Brwn	0.2
1218		N109			E	wall	↓	Brige	0.2

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAJR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Client: SMMKSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482

Project No.: SL 28526.0002 Survey Location: GOL PICO BLVD. SANTA MONICA CA 90905

Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1219	1st	North wing	S		E	sink	Porcelain	white	0.4
1220					W	toilet			0.4
1221					W	Urinal			0.2
1222					Center	floor	ceramic	Brown	0.3
1223		N 1111			N	Wall	plaster	white	0.2
1224					E	locker	metal	white	0.1
1225					N	door frame			0.1
1226					Center	ceiling	drywall		0.0
1227		West locker room hallway			W	wall	plaster		0.6
1228					W	Hand rail	metal	Blue	0.0
1229					W	window frame		white	0.2
1230		N 1113			N	wall	drywall		0.3
1231					W		plaster		0.1
1232					N	door frame	metal		0.1
1233					E	metal			0.1

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



25 Cupanita Circle
 Monterey Park, CA 91755

Date: _____ Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: SL 28526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
12 34	1st	North Gym	F		N	Wall	drywall	white	0.3
12 35					N	Locker	metal	Beige	0.2
12 36					N	Wall	Drywall	white	0.2
12 37					W	Support Column	concrete	white	0.1
12 38					E	Locker	metal	Beige	0.0
12 39					N	Wall	Drywall	white	0.1
12 40					N	Locker	metal	Beige	0.0
12 41					S	Door frame	metal	white	0.0
12 42					N	Wall	Drywall	→	0.0
12 43					N	Locker	metal	Beige	0.0
12 44					S	Wall	Drywall	white	0.2
12 45					center	Ceiling	→	→	0.1
12 46					N	Locker	metal	Beige	0.2
12 47					N	Wall	Drywall	white	0.1
12 48					N	Door frame	metal	white	0.1

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

PAGE _____ OF _____

XRF LEAD BASED PAINT SURVEY



Date: _____ Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: SL 28526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1249	1st	North Gym	I		N	tile	ceramic	Beige	0.1
1250					center	floor		brown	0.1
1251					W	Wall	drywall	white	0.0
1252					center	ceiling			0.0
1253					S	wall	ceramic	Beige	0.3
1254					N	point	Porcelain	white	0.5
1255					W	sink			0.3
1256					W		metal		0.0
1257					center	floor	ceramic	Brown,	0.3
1258					E	Hand rail	metal	BPE	0.0
1259						wall	plaster	white	0.1
1260					E				0.0
1261				1 Each		sink	porcelain		1.0
1262			F			Hand rail Hanger	wood		0.2
1263			I	1 Each		Door	wood	white	1.3

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



25 Cupanilla Circle
Monterey Park, CA 91755

Date: _____ Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: SL 25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
12 64	1st	North Gym N112	I ↓		W	Wall ↓	Plaster	White	0.2
12 65			F ↓		S	↓	dry wall	↓	0.1
12 66			F		E	Cabinet	wood	grey ↓	0.3
12 67			I ↓		W	electrical conduit	metal ↓	white ↓	0.1
12 68			F ↓		W	Door Frame	↓	↓	0.1
12 69			I ↓		W	Door	↓	Blue	0.2
12 70	Basement	N15	I ↓		N	Wall	concrete	white ↓	0.0
12 71			I ↓		↓	elect conduit	metal ↓	↓	0.0
12 72			I ↓		E	window frame	↓	Blue	0.0
12 73			I ↓		S	Door	wood	white ↓	0.4
12 74		N15 Storage	I ↓		N	Wall	concrete	↓	0.0
12 75			I ↓	20 LF	↓	wing Bldg ↓	metal ↓	↓	1.0
12 76			I ↓		↓		↓	Blue	0.2
12 77			I ↓	15 ch	E	Door frame	metal ↓	white ↓	1.0
12 78		N12	I ↓		N	Wall	concrete	↓	0.0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



Date: _____ Client: SMMVSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: SL 25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405

Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1279	Basement	Northwest N12	S		N	Door frame	metal	Blue	0.5
1280					N	Mirror trim	metal wood	↓	0.1
1281					E	Window frame	metal	white	0.1
1282					Center	floor	concrete	Blue	0.1
1283					N	Wall ↓	Drywall	white	0.4
1284		N13			↓		concrete	↓	0.0
1285					N	shelf	wood	↓	0.1
1286					S	support column	concrete	white	0.0
1287		N13 Electrical			N	Wall ↓	drywall	white	0.0
1288					S	↓	concrete	↓	0.1
1289					N	elec conduit	metal	white	0.0
1290		vestibule			N	Wall	brick	↓	0.0
1291					W	Window frame	metal	↓	0.0
1292					W	Wall	drywall	white	0.1
1293					N	elec wall conduit	metal	↓	0.3

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



Date: _____ Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: SL 25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1294	Basement	North East stair	I		N	Hand rail	metal	Blue	0.1
1295		West stair			S	Wall	Plaster	White	0.2
1296		West stair			S	Hand rail	metal	Blue	0.2
1297	2nd floor	N200A			N	Wall	Drywall	White	0.1
1298					W	↓	Plaster	↓	0.2
1299		N200			S	Cocher	metal	Blue	0.2
1300					W	Door frame	↓	↓	0.2
1301		N200			N	Wall	Ceramic	Orange	0.2
1302					N	Drink	porcelain	White	0.0
1303		N201A			W	Sink	metal	↓	0.2
1304					E	Toilet	porcelain	↓	0.3
1305		N201A			Center	floor	Ceramic	brown	0.3
1306					S	Wall	Plaster	White	0.1
1307					N	Wall	Drywall	White	0.3
1308					E	Cocher	metal	Blue	1.5

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: SL 25526.0002
 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1309	2nd floor North Bathroom	N201	S		N	Wall pipe	ceramic	Beige	0.2
1310					W	toilet	Porcelain	white	0.2
1311					E	sink	metal	↓	0.1
1312					Center	floor	ceramic	brown	0.3
1313		N206			N	W-11	Plaster	white	0.0
1314					E	door frame	metal	↓	0.1
1315					N	wiper pipe	↓	↓	0.3
1316		Coach office			N	W-11	Pl-sec	white	0.0
1317					W	Wall	drywall	white	0.3
1318				4 Each	E	door	wood	↓	0.7
1319					Center	floor	wood	Red.	0.1
1320		N220			N	W-11	Plaster	white	0.1
1321					W	AIR vent	metal	Blue	0.3
1322					N	door post.	metal	yellow	0.1
1323					W	fire base	metal	white	0.1

COMMENTS: NO LEAD N206 storage

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

PAGE _____ OF _____

XRF LEAD BASED PAINT SURVEY



Date: _____ Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
13 24	Basement 2nd floor.	North N220	I		S	Plastic concrete	metal	white	0.1
13 25					S	w-ll	concrete	↓	0.0
13 26					S	w-ll Trime	wood	blue	0.0
13 27					E	Trophy case	↓	↓	0.3
13 28					N	Door frame	metal	↓	0.2
13 29		2nd floor west Landing Hillway			N	w-ll	plaster	white	0.0
13 30					S	Railings	metal	blue	0.2
13 31		2nd floor East Landing Hillway			E	w-ll	plaster	white	0.0
13 32					W	w-ll tile	ceramic	white	0.1
13 33					N	Door	metal	blue	0.3
13 34					E	Hand rail	metal	↓	0.1
13 35		N211			E	w-ll	concrete	white	0.0
13 36				30L4	E	Baseboard	ceramic	green	4.9
13 37				1E-4H	N	urinal	porcelain	white	79.9
13 38					N	toilet	↓	↓	0.1

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



Date: 52.25526.0002 Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1339	2nd flr	Norm	S	1 cm	W	sink	porcelain	white	29.9
1340		211			N	wall	pl-ster	whiter	0.2
1341		N210			W	steel condrene	metal	↓	0.6
1342		N212			N	w-all	concrete	white	0.6
1343				30 lb	N	base board	ceramic	green	6.5
1344					S	toilet	porcelain	white	0.2
1345				1 cm	W	sim	↓	↓	79.9
1346		N211, 219, 212			E	w-all	pl-ster	↓	0.1
1347					N	door	white	↓	0.3
1348	1st floor	foyer			E	w-all	pl-ster	↓	0.2
1349					↓	door frame	metal	blue	0.1
1350					W	w-all	pl-ster	white	0.1
1351					↓	trough base	wood	blue	0.2
1352					center	floor	ceramic	BROWN	0.1
1353					W	trough base	metal	white	0.2

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



25 Cupanla Circle
Monterey Park, CA 91755

Date: 52.25526.0002 Client: SMMVSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1354	152	North gym	I		N	w-11	concrete	green	0.0
1355		↓	F	1 each	E	Door	metal	brown	1.0
1356	15E	Pool	I		N	w-11	concrete	white	0.0
1357		↓			N	Door base	metal	blue	0.3
1358		↓			N	Door	↓	↓	0.0
1359		↓			N	Bench	wood	↓	0.0
1360		↓			S	w-11	concrete	white	0.0
1361		P110			N	Wall tile	ceramic	Beige	0.1
1362		↓			N	urinal	porcelain	white	0.0
1363		↓			N	Toilet	↓	↓	0.2
1364		↓			N	sink	↓	↓	0.3
1365		↓			W	Door	metal wood	blue	0.0
1366		P111			S	w-11	concrete	white	0.1
1367		↓		46 ea	↓	Locker	metal	blue	1.0
1368		↓			N	↓	↓	green	0.0

COMMENTS: no new play

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASED PAINT SURVEY



25 Cupanla Circle
Monterey Park, CA 91755

Date: 52.25526.0002 Client: SMMVSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD. SANTA MONICA CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1369	1st.	Pool	S		N	floor	ceramic	brown	0.2
1370					N	wall	original	white	0.0
1371					W	locker	metal	blue	0.0
1372					S	locker		brown	0.1
1373					N	wall tile	ceramic	blue	0.2
1374					N				0.1
1375					N	Sink	Porcelain	white	0.4
1376					N	Toilet			0.4
1377					E	Door frame	metal		0.4
1378									1.6
1379									1.6
1380									1.5
1381									
1382									
1383									

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASELINE SURVEY

25 Cupanla Circle
Monterey Park, CA 91755

Date: 5/6/09 Project No.: 52.25526.0002 Client: SANMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Inspector(s): 1 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
3882		← CALIBRATION	---	---	---	---	---	---	0.9
3883		↓							0.9
3874		BASEMENT HALL			N	WALL	BRICK	GREEN	0
3885		ELEVATOR ROOM			E	PIPE	METAL	"	0
3886		↓			C	CEILING	DRYWALL	"	0
3877		↓			W	DR/FR	METAL	BLUE	0
3888		BASEMENT HALL			W	WALL	BRICK	GREEN	0
1385					E	"	PLASTER	"	0.1
1390					W	HORIZONTAL	METAL	ORANGE	0.5
1381					S	DOOR	"	"	0.1
1392					S	DR/FR	"	BLUE	0.4
1393					W	RISER	"	ORANGE	0
1394					W	WALL	CERAMIC	GREEN	0
1395					E	"	BRICK	"	0
1396		ROOM 70							

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL... NT SURVEY

Date: 5/6/09 Client: SMAUSA - SANTA MONICA H.S. Spectrom Analyzer ID #: 1482/1332
 Project No.: 52.25526.002 Survey Locallant: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
16		ROOM 20			E	DRIFR	METAL	BLUE	0
17		↓			C	DOCT	"	GREEN	0.3
18		ROOM 2			W	WALL	PLASTER	"	0.1
19		↓			N	SINK	PORCELAIN	WHITE	0
20		↓			E	TOILET	"	"	0
21		↓			C	DUCT	METAL	GREEN	0.2
22		↓			C	CEILING	CONCRET	"	0.3
23		↓	I	2 ea	W	SINK	PORCELAIN	WHITE	29.9
24		↓			W	PA/FR	METAL	BLUE	0
25		ROOM 6			W	WALL	PLASTER	GREEN	0.3
26		↓		2 ea	W	SINK	PORCELAIN	WHITE	29.9
27		↓			W	URINAL	"	"	0
28		↓			E	TOILET	"	"	0.2
29		ROOM 19			S	WALL	BRICK	GREEN	0
30		↓			C	CEILING	DRYWALL	"	0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL EMENT SURVEY

25 Cupanita Circle
Monterey Park, CA 91755

Date: 5/6/09 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52-25526-0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
31		ROOM 19			E	DR/FR	METAL	BLUE	0.6
32		↓			N	PIPE	11	GREEN	0.6
33		HALL 2			N	WALL	PLASTER	11	0.3
34		↓			S	DOOR	METAL	ORANGE	0
35		↓			S	DR/FR	11	BLUE	0.1
36		↓			C	DOOR	11	11	0.5
37		ROOM 10	I	70UF	C	CONDUIT	11	WHITE	0.7
38		↓			E	DOOR	11	BLUE	0.1
39		↓			E	DR/FR	11	11	0.1
40		ROOM 11			S	WALL	PLASTER	GREEN	0.2
41		↓			E	COUNTER	WOOD	11	0.1
42		↓			E	MIR/FR	11	11	0.2
43		↓			C	CEILING	CONCRETE	11	0.1
44		↓			W	DR/FR	METAL	BLUE	0.1
45		ROOM 14			E	PLASTER	PLASTER	GREEN	0.2

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amounts Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASEL... NT SURVEY

Date: 5/6/09 Client: SANMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
177		ROOM 14			E	COUNTER	WOOD	GREEN	0.2
178		↓			E	MIRKFR	"	"	0
179					W	COAT HANG	"	"	0.1
180		ROOM 15			E	COUNTER	"	"	0.4
181		↓			E	MIRKFR	"	"	0.2
182		↓			E	WALL	PLASTER	"	0.2
183					S	COAT HANG	WOOD	"	0
184					S	POST	"	"	0
185					W	DR/FR	METAL	BLUE	0
186		NORTH STAIR WEL			W	WALL	BRICK	GREEN	0
187		↓	F	40 LF	E	HANDBL	METAL	ORANGE	1.4
188		FLOOR ALCOVE			E	PLASTER	WALL	GREEN	0.3
189		↓			E	DR/FR	METAL	BLUE	0.2
190		STAIRW			W	FLOOR	WOOD	BLK	0
191		↓			E	DOOR	METAL	ORG	0.4

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL... SURVEY

Date: 5/6/09 Project No.: 52.25526.0002 Inspector(s): 1

Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
61		STAGE	1		E	DR/FR	METAL	BLUE	0.1
62		AUDITORIUM			S	WALL	PLASTER	GRN	0
63		↓			W	HANDRAIL	METAL	ORG	0.3
64		CREESTBAR			W	HATCH	WOOD	GRN	0
65		↑			E	DOOR	METAL	GRN	0.1
66		↑			E	DOOR/FR	11	11	0.1
67		↑			N	CASE/FIRE	11	11	0.1
68		↑			E	COLUMN	CONCRET	11	0.3
69		↑			S	FIRE/HATCH	METAL	11	0.1
70		↑			C	CEILING	PLASTER	11	0
71		LOBBY			W	WALL	CONCRETE	11	0
72		↑			W	MURAL	CERAMIC	11	0
73		↑			N	WALL	PLASTER	11	0.1
74		↑	F	1EA	E	DR/FR	WOOD	BLUE	0.7
75		↑			E	TRAYSON	11	GRN	0.3

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL... SURVEY



25 Cuparita Circle
Monterey Park, CA 91755

Date: 5/16/09

Client: SMMUSD - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #:

Project No.: 52.25526.0002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1457 76		MENS			S	WALL	CERAMIC	PINK	0
1458 77		↓			C	FLOOR	"	"	0
1459 78					W	TOILET	PORCELAIN	WHIT	0
1460 79					W	WALL	"	"	0
1461 80					P	WALL	PLASTER	GRN	0
1462 81		↓			C	CROWN	"	"	0.1
1463 82					N	DR-FR	METAL	BLUE	0
1464 83				F	10LF	HANDRAIL	"	ORG	1.0
1465 84				F	10A	WINDCASE	"	GREEN	1.0
1466 85		WOMEN			N	WALL	CERAMIC	PINK	0
1467 86		↓			C	FLOOR	"	"	0
1468 87					W	TOILET	PORCELAIN	WHIT	0
1469 88				F	10A	WINDCASE	METAL	GRN	1.0
1470 89					N	HANDRAIL	"	ORG	0
1471 90		↓			S	DR-FR	"	BLUE	0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanla Circle
Monterey Park, CA 91755

XRF LEAD BASEL...INT SURVEY

Date: 5/6/09

Project No.: 52.25526.0002

Client: SMOUSO - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #:

Inspector(s):

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
91		BALCONY			W	WALL	PLAS.	GRN	0.3
92					C	CEILING	"	"	0
93			I	20	E	WALL	CERAMIC	YELLOW	79.9
94			I	1EA	E	SINK	PORCELAN	BRGE	7.0
95					S	H/FR	METAL	GRN	0.4
96					W	DR/FR	WOOD	BLDE	0.3
97		MENS			N	WALL	PLAS.	GRN	0
98					N	WALL	CERAMIC	BRW	0
99					N	SINK	PORCELAN	WHT	0.1
100					N	URINAN	"	"	0
101					N	TOILET	"	"	0
102			I	1EA	E	POOR	WOOD	GRN	2.9
103			I	1EA	E	DR/FR	"	BLUE	0.7
104		JANITORS CLOS.	I	1EA	S	SINK	CAST	WHT	79.9
105					S	WALL	PLAST	TAN.	0.6

COMMENTS: JANITORS ROOM PAINT PEELING.

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanla Circle
Monterey Park, CA 91755

XRF LEAD BASEL...ANT SURVEY

Date: 5/6/09 Client: SMANUSO - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
106		JANITORS CLOS.	F	10A	N	DOOR	WOOD	TAN	1.7
107		↓	F	10A	N	DR/FR	WOOD	TAN	3.7
108		STORAGE.			P	WALL	PLAST	11	0
109					C	CEILING	11	11	0.1
110			F	20A	N	SHAF	WOOD	11	1.0
111			F	10D	S	DOOR	11	11	2.9
112		↓	F	10A	S	DR/FR	11	11	1.0
113		BALCONY			W	VENT	METAL	GRN	0.9
114		WOMENS			N	WALL	PLAST.	11	6.1
115					N	11	CERAMIC	BLUW	0.1
116					N	SINK	POREYAN	WHIT	0
117					S	TOILET	11	11	0.3
118			F	150#	C	FLOOR	CONCRETE	TAN	2.3
119			F	10A	E	DOOR	WOOD	GRN	2.9
120			F	10A	E	DR/FR	11	GRN	1.0

COMMENTS: STORAGE WALL PEELING & CEILING.

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanla Circle
Monterey Park, CA 91755

XRF LEAD BASEL PAINT SURVEY

Date: 5/6/09 Client: SMAUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.2526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
121		MEZIN			N	WALL	PLAST	GRN	0.1
122			F	10 EA.	N	DOOR	WOOD	ORG.	2.3
123					N	DR/FR	11	BLUE	0.5
124					N	FIRE HOSE	METAL	GRN.	0.3
125					E	HANDRAIL	11	ORG	0.5
126					C	STEP	CONCRETE	GRAY	0.3
127					C	POST/URALI	11	GRN	0.2
128		LIGHTING ROOM.			W	WALL	11	11	0.1
129					W	WINKR	METAL	11	0
130			I	2 EA	N	WINDOW	11	GRN	1.0
131					C	CEILING	CONCRETE	11	0.12
132			F	12 LF	S	HANGING	METAL	ORG	1.3
133					S	DOOR	11	11	0.3
134					S	DRFR	11	BLUE.	0.1
135		CALIBRATION							1.0

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



25 Cupanito Circle
Montlery Park, CA 91755

XRF LEAD BASEL PAINT SURVEY

Date: 5/6/69 Client: SMARSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
136		CALIBRATION	—	—	—	—	—	→	1.0
137		—	—	—	—	—	—	→	0.9
138		M102	✓		E	WALL	BRICK	BLUR	0
139					E	DOOR	METAL		0
140					E	DR-FR	"		0
141					N	WINDFR	"		0
142					E	WINDFR	WOOD	"	0
143					E	WINDFR	"	"	0
144		M103			W	WIND	DRINK		0
145					W	DOOR	METAL		0
146					W	DR-FR	"		0
147					C	DUCT	"		0.1
148					C	CENTRING BEAM.	STEEL		0
149					W	PIPE	METAL		0
150					C	LOCKER	WOOD	WHT	0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL...INT SURVEY

Client: SMMUSD - SANTA MONICA H.S. 1482/1332
 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Spectrum Analyzer ID #: _____

Date: _____
 Project No.: 52.25526.0002
 Task No.: 1
 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1532		M104			S	WALL	DRYWALL	BLUE	0
1533					N	DOOR	METAL	11	0
1534					N	DR-PR	11	11	0.3
1535					C	DUCT	11	11	0.2
1536		M105			N	WALL	PLAST.	WHIT	0
1537					E	DOOR	WOOD	11	0.1
1538					E	DR-PR	METAL	11	0
1539					W	WALL	BRICK	11	0
1540		M105A PRACTICE			N	WINDOZR	WOOD	11	0
1541		M105D STORAGE			N	WALL	PLAST.	11	0
1542					C	CEILING	11	11	0.2
1543					E	DOOR	WOOD	11	0.1
1544					E	DR-PR	METAL	11	0
1545		M105(B) PRACTICE			N	WINDOZR	11	11	0
1546					C	CERAMIC	11	11	0.1

COMMENTS: _____

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking



XRF LEAD BASEL...NT SURVEY

Date: 52.25526.002 Client: SANJSD - SANTA MONICA H.S. Spectrom Analyzer ID #: 1482/1332
 Project No.: 52.25526.002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1466		M 105 B			N	DOOR	WOOD	WHT	0
1467		↓			W	DR/FR	WOOD	M	0
1468		M 105(C)			E	WIN/FR	WOOD	" "	0.3
1469		↓			N	WALL	DR/WALL	" "	0
1470		PRECISION STG.			N	DOOR	METAL	BLUE	0.1
1471		↓			N	DR/FR	" "	" "	0
1472		↓			S	LOCKER	WOOD	" "	0
1473		↓			E	WIN/FR	METAL	" "	0.3
1474		FIRST FLOOR HALL			N	WALL	DR-WALL	WHT	0
1475		↓			W	DOOR	METAL	BLUE	0
1476		↓			W	DOOR/FR	" "	" "	0
1477		↓			C	CETUM	DR/WALL	WHT	0
1478		↓			W	HANDRAIL	METAL	BLUE	0.5
1479		↓			S	STAIR RISER	" "	" "	0
1480		MIDI			S	WALL	DR/WALL	" "	0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL... SURVEY



25 Cupanila Circle
Marlberry Park, CA 91755

Date: 5/6/09 Client: SMMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
181		N 101			N	W/FR	METAL	BLUE	0
182		↓			W	DOOR	"	"	0.1
183					W	DR/FR	"	"	0.1
184		N 101 A OFFICE			E	WALL	DRYWALL	WHT	0
185		↓			E	W/FR	METAL	"	0.1
186		2ND FLOOR HALL			N	WALL	DRYWALL	"	0
187		↓			S	DOOR	METAL	BLUE	0
188					S	DR/FR	"	"	0
189		M 200			E	WALL	DRYWALL	WHT	0
190		↓			S	DOOR	METAL	BLUE	0
191					S	DOOR/FR	METAL	"	0
192		M 200 B			N	WALL	PLAST.	WHT.	0.1
193		↓			S	"	"	"	0
194		AD 201 ADMIN.			S	"	BRICK	"	0
195		↓			S	DOOR	WOOD	BLUE	0.1

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

XRF LEAD BASEL...INT SURVEY



25 Cupanla Circle
Monterey Park, CA 91755

Date: 5/6/09

Client: SMMUSD - SANTA MONICA H.S.

1482/1332

Spectrum Analyzer ID #:

Project No.: 52-25526.002

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1976		AD 201 ADMIN			S	DR/FR	WOOD	BLU	0
1977		↓			W	WOOD	"	WHT	0
1978		↓			W	WOOD	"	"	0
1999		AD 200			W	WALL	STAIN	"	0
2000		↓			N	DOOR	WOOD	YELLOW	0
2001		↓			N	DR/FR	METAL	WHT	0-2
2002		↓			S	CAB/DR	WOOD	"	0
2003		AD 202			S	WALL	PLAST	"	0
2004		↓			S	DOOR	WOOD	BLU	0.3
2005		↓			S	DR/FR	"	WHT	0.1
2006		↓			S	WIN/FR	"	"	0
2007		↓			S	SILL	"	"	0.1
2008		AD 200 A			W	WALL	PLAST	"	0
2009		↓			N	DOOR	WOOD	YELLOW	0
2010		↓			N	DR/FR	METAL	"	0.4

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL PAINT SURVEY

Date: 5/6/09 Client: SMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332
 Project No.: 52.25526.0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
 Task No.: 1 Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1592 211		AD 200A			W	SHLF	WOOD	WHIT	0
1593 212		AD 204			E	WALL	PLAST.	" "	0.1
1594 213		↓			N	DOOR	WOOD	" "	0
1595 214					N	DR/FR	METAL	" "	0
1596 215					S	WIN/FR	WOOD	" "	0.1
1597 216					S	SILL	WOOD	" "	0
1598 217					S	WIN/CASE	" "	" "	0.4
1599 218		AD 204A			N	WALL	PLAST	" "	0.
1600 219		↓			N	SINK	PORCELAIN	" "	0
1601 220					N	TOILET	" "	" "	0.1
1602 221					C	FLOOR	CERAMIC	" "	0
1603 222		AD 205			W	WALL	PLAST.	" "	0
1604 223		↓			E	DOOR	WOOD	" "	0
1605 224					E	DR/FR	METAL	" "	0.4
1606 225					S	WIN/FR	WOOD	" "	0.2

COMMENTS:

CONDITION OF PAINT:
 I - INTACT
 F - FAIR - Small Amount Flaking
 P - POOR - Large Amounts Flaking



XRF LEAD BASEL... NT SURVEY

Client: SMANUSO - SANTA MONICA H.S. 1482/1332

Spectrum Analyzer ID #:

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Date: 5/06/09

Project No.: 52.25526.0002

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
1607 224		AD 205			S	WIN/SILL	WOOD	WHT	0
1608 227		AD 205 A	I	3.5A.	S	WIN/CASING	"	"	1.0
1609 228		AD 205 A (RR)			S	WALL	PLAST	"	0
1610 229		AD 205 A (RR)			S	SINK	FORCEUAN	"	0
1611 230					S	TALOT	"	"	0
1612 231					C	FLOOR	CERMIC	"	0
1613 232					W	DOOR	WOOD	"	0
1614 233		AD 205 A			W	DR/FR	METAL	"	0.1
1615 234					N	WALL	PLAST	"	0.1
1616 235					W	SINK	FORCEUAN	"	0.3
1617 236					S	DOOR	METAL	"	0
1618 237					S	DR/FR	"	"	0.3
1619 238		AD 203			N	WALL	PLASTER	"	0
1620 239					S	"	"	"	0
1621 240					S	WIN/FR	WOOD	"	0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL... SURVEY



25 Cupanla Circle
Menlo Park, CA 91755

1482/1332

Client: SMMUSD - SANTA MONICA H.S.

Spectrum Analyzer ID #:

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Date: 5/6/09

Project No.: 52-25526-0002

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1622	241	AD 203			S	DOOR	WOOD	WHT	0.2
1623	242	↓			S	DR/FR	METAL	" "	0
1624	243	AD 204			N	WALL	PLAST.	" "	0.1
1625	244				N	" "	CERAMIC	TAN	0.3
1626	245		FLOOR	" "	YELLOW	0			
1627	246		SINK	PORECELAIN	WHT	0			
1628	247		URINAL	" "	" "	0			
1629	248	TOILET	" "	" "	0				
1630	249				S	CORNING	DELIWAN	" "	0
1631	250		DOOR	METAL	" "	0.4			
1632	251	↓			N	DR/FR	METAL	" "	0
1633	252	AD 207			W	WALL	PLAST	BI	0
1634	253	↓			W	" "	CERAMIC	TAN	0
1635	254				C	FLOOR	" "	YELLOW	0
1636	255		SINK	PORCELAIN	WHT	0			

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cupanita Circle
Monterey Park, CA 91755

XRF LEAD BASEL PAINT SURVEY

5/6/09
Project No.: 52.25526.0002

Client: SUMUSD - SANTA MONICA H.S. Spectrum Analyzer ID #: 1482/1332

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Date: _____ Task No.: _____ Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1637		AD 207			S	TOILET	ROSEBUD	WHIT	0
1638		AD 208			E	WALL	PLAST.	11	0
1639					E	SHREIF	WOOD	11	0
1640					C	CEILING	PLAST.	11	0
1641					S	MOP/SINK	CASE	11	0
1642					N	DOOR	METAL	11	0.3
1643					N	DR/FR	11	11	0
1644		AD 208 HALL			S	WALL	PLAST.	YELLOW	0
1645					W	DOOR	METAL	BLUE	0
1646					W	DR/FR	11	YELLOW	0.1
1647					N	WALL	CERAMIC	WHIT	0
1648			I	LEA	N	DISPENS FR.	METAL	YELLOW	1.5
1649					N	FR/FR	11	11	0.1
1650					E	CAD/DOOR	WOOD	11	0
1651		AD 100			N	WALL	PLAST.	11	

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL... ANT SURVEY



25 Cupanla Circla
Monterey Park, CA 91755

Date: 5/6/09
Project No: 52.25526.0002
Task No: 1

Client: SMMUSD - SANTA MONICA H.S.
Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405
Spectrum Analyzer ID #: 1482/1332

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
1652		AD 400			N	DOOR	METAL	YELLOW	0
1653					N	DOOR / FR.	"	"	0-2
1654					E	MAIL BOX	WOOD	"	0
1655					W	CLIP DOOR	"	"	0
1656					W	CLIP DOOR / FR.	"	"	0.1
1657					S	WIN / FR.	WOOD	"	0
1658					S	SILL	"	"	0
1659					S	CASING	"	"	0
1660		AD 402			N	WALL	BRICK	"	0
1661					W	WIN / FR.	WOOD	"	0.1
1662					W	SILL	"	"	0
1663					W	CASING	METAL	"	0.1
1664					N	DOOR	WOOD	"	0
1665					N	DR / FR.	METAL	"	0.2
1666		AD 402 (RR)			N	WALL	PLAST. ORG.	ORG	0.1

COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

XRF LEAD BASEL... NT SURVEY



25 Cupanilla Circle
Menlo Park, CA 94755

Date: 5/6/09

Client: SANUSO - SANTA MONICA H.S.

1482/1332

Project No.: 52-25526-0002

Spectrum Analyzer ID #:

601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
1667 286		AD 402 (RR)			C	CEILING	PLAST.	ORG	0
1668 287		↓			C	FLOOR	CERAMIC	WHT	0
1669 288					W	TOILET	PERCEPUM	WHT	0.2
1670 289		↓			W	SINK	"	WHT.	0
1671 290					S	DOOR	WOOD	ORG	0
1672 291		↓			S	DR/FR	METAL	"	0.1
1673 292		AD 401			S	WALL	PLAST.	YELLOW	0
1674 293		↓			W	MIN/FR	WOOD	"	0.2
1675 294					W	STU	"	"	0.1
1676 295		↓			W	CRESSING	METAL	"	0
1677 296					WS	DOOR	WOOD	"	0
1678 297		↓			S	DR/FR	METAL	"	0.2
1679 298			AD 404			N	WALL	PLAST -	WHT
1680 299		AD 103			N	"	DR/WALL	"	0
1681 300		↓			S	DOOR	WOOD	YELLOW	0.2

COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

XRF LEAD BASEL...INT SURVEY



25 Cupanla Circle
Mantleey Park, CA 91755

1482/1332

Client: SMIUSD - SANTA MONICA H.S.

Spectrum Analyzer ID #:

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Date: 5/6/09
Project No.: 52-25526.0002

Task No.: 1 Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1672	301	AD 103			S	DR FR	METAL	WHT	0.1
1683	302	AD 103 D			N	WALL	DRY WALL	"	0
1687	303	↓			W	DOOR	WOOD	"	0
1685	304	AD 103 D.			W	DR FR	METAL	"	0
1686	305	AD 102			W	WALL	PLAST.	WHT.	0
1687	306	ATTENDANTS OFF			W	WALL	"	Yellow	0
1688	307	↓			W	DOOR	WOOD	"	0
1677	308				W	DR FR	"	"	0.1
1670	309	AD 101			E	WALL	PLAST	WHT.	0.1
1671	310	AD 104			W	"	"	"	0
1692	311				W	SINK	PLAST/CON.	"	79.9
1693	312				E	MID FR	WOOD	WHT.	0
1674	313				N	DOOR	"	"	0.1
1695	314				N	DR FR	METAL	"	0
1676	315	COORPORUNG			W	WALL	PLAST.	"	0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASEL... SURVEY

25 Cupania Circle
Monterey Park, CA 91755

1482/1332

Spectrum Analyzer ID #:

Client: SMMUSD - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Date: 5/06/09

Project No.: 52.25526.0002

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1697					S	POST	PLAST	WHF	0.1
1698					S	DOOR	WOOD	"	0
1699					S	DR/FR	METAL	"	0
1700					N	WALL	DR/WALL	"	0
1701		AD 108 E			N	WALL	PLASTER	"	0
1702		AD 501			W	WIN/FR	WOOD	"	0
1703					W	SILL	"	"	0
1704					W	CASING	METAL	"	0
1705					E	DOOR	WOOD	"	0
1706					E	DR/FR	METAL	"	0.1
1707		AD 502			N	WALL	PLAST	"	0
1708					S	SHLF	WOOD	"	0
1709					W	WIN/FR	"	"	0
1710					W	SILL	"	"	0
1711					W	CASING	METAL	"	0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



25 Cuppenla Circle
Monterey Park, CA 91755

XRF LEAD BASEL... NT SURVEY

Client: SMIUSO - SANTA MONICA H.S. 1482/1332
 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Date: 5/6/09
 Project No.: 52.25526.0002
 Task No.: 1

Spectrum Analyzer ID #: _____

Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1712		AD 504			N	WIN/FR	WOOD	WHT	0
1713		↓			N	SILV	" "	" "	0
1714		↓			N	CASING	METAL	" "	0
1715		AD 505				WIN/FR	WOOD	↓	0
1716		↓				SILV	↓	↓	0
1717		↓			↓	CASING	METAL	↓	0.4
1718		↓			S	WALL	PLAST.	↓	0.3
1719		↓			S	DOOR	WOOD	↓	0
1720		↓			S	DRIFR	METAL	↓	0
1721		AD 506			S	WALL	PLAST.	WHT	0
1722		AD 507			N	WIN/FR	WOOD	↓	0.3
1723		↓			↓	SILV	" "	↓	0.1
1724		↓			↓	CASING	METAL	↓	0
1725		↓			S	DOOR	WOOD	↓	0
1726		↓			S	DR/FR	METAL	↓	0.2

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

XRF LEAD BASEL... NT SURVEY



25 Cupanla Circle
Monterey Park, CA 91755

Date: 5/6/09

Client: SMMUSD - SANTA MONICA H.S. 1482/1332

Project No.: 52-25526-0002

Spectrum Analyzer ID #:

Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Task No.: 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1727		AD 508			S	WALL	PLASTER	WHT.	0.1
1728		AD 507			N	WINDFR	WOOD		0
1729					↓	SIL			0
1730					↓	CASING	METAL		0
1731					E	SHLF	WOOD		0
1732		AD 510			E	WALL	PLAST.		0.3
1733		AD 511			S	DOOR	WOOD		0.2
1734					S	DR/KFR	METAL		0
1735					E	MOLDING	WOOD		0.1
1736		AD 512			S	WALL	BRICK		0
1737		AD 513			E	WALL	PLAST.		0.3
1738					E	MOLDING	WOOD		0.3
1739		AD 514			N	DOOR	WOOD		0
1740					N	DR/KFR	METAL		0.1
1741					N	WALL	PLAST		0

COMMENTS:

CONDITION OF PAINT:

- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking



XRF LEAD BASELINE PAINT SURVEY

Date: 5/6/09 Client: SMANUSO - SANTA MONICA H.S. Spectrom Analyzer ID #: 1482/1332
 Project No.: 52-25526-0002 Survey Location: 601 PICO BLVD, SANTA MONICA, CA 90405

Inspector(s): 1

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
1742 361		AD 515			S	WALL	PLASTER	WHIT	0
1743 362		AD 516			DOOR	DOOR	STEEL	GRAY.	0.3
1744 363						DRYFR	"	"	0.5
1745 364		CALIBRATION.							1.0
1746 365									1.0
1747 366									1.1

COMMENTS:

CONDITION OF PAINT:
 I INTACT
 F FAIR - Small Amount Flaking
 P POOR - Large Amounts Flaking

Calibration Check Test Results
RMD XRF Unit

PAGE 1 OF 1

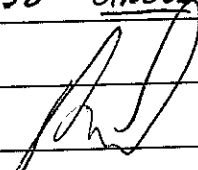
Address / Unit No. SANTA MONICA H.S. - 601 PICO BLVD.

SANTA MONICA, CA 90405

Device: RMD XRF

Date: 5.4.09 XRF Serial No. (1482) / 1332 CIRCLE ONE

Contractor: ATC Assoc.

* Inspector Name: ROBERT DE TATORCE * Signature 

NIST SRM Used 1.9 mg/cm² Calibration Check Tolerance Used _____ mg/cm²

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.8</u>	<u>1.8</u>	<u>1.7</u>	<u>1.8</u>	<u>0.1</u>
<u>1</u>	<u>2</u>	<u>3</u>		

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.7</u>	<u>1.6</u>	<u>1.6</u>	<u>1.6</u>	<u>0.3</u>
<u>133</u>	<u>134</u>	<u>135</u>		

NIST SRM			Third Average	Difference Between Third Average and NIST SRM*
First Reading	Second Reading	Third Reading		

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		

* If the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

Calibration Check Test Results
RMD XRF Unit

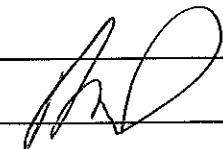
PAGE 1 OF 1

Address / Unit No. SANTA MONICA H.S. - 601 PICO BLVD.
SANTA MONICA, CA 90405

Device: RMD XRF

Date: 5/5/09 XRF Serial No. (1482)/1332 CIRCLE ONE

Contractor: ATC Assoc.

* Inspector Name: ROBERT DELATORRE * Signature 

NIST SRM Used _____ mg/cm² Calibration Check Tolerance Used _____ mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.8	1.6	1.7	1.7	0.2
289	290	291		

Second Calibration Check

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.6	1.8	1.7	1.7	0.2
416 UNCH	417	418		

Third Calibration Check (if required)

NIST SRM			Third Average	Difference Between Third Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.9	1.9	1.9	1.9	0.2
419 RETURN	420	421		

Fourth Calibration Check (if required)

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.8	1.6	1.6	1.6	0.3
595 CWD OF SHIRT	596	597		

* If the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

Calibration Check Test Results
RMD XRF Unit

PAGE 1 OF 1

Address / Unit No. SANTA MONICA H.S. - 601 PICO BLVD.
SANTA MONICA, CA 90405

Device: RMD XRF

Date: 5/6/09 XRF Serial No. 1482 / 1332 CIRCLE ONE

Contractor: ATC ASSOC.

* Inspector Name: D. CARRIER * Signature [Signature]

NIST SRM Used 1.0 mg/cm² Calibration Check Tolerance Used _____ mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
0.9	0.9	0.8	0.9	-1

Second Calibration Check

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.0	1.0	0.9	1.0	0

Third Calibration Check (if required)

NIST SRM			Third Average	Difference Between Third Average and NIST SRM*
First Reading	Second Reading	Third Reading		
0.9	0.8	0.9	0.9	-1

Fourth Calibration Check (if required)

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.0	1.0	1.0	1.0	0

* If the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

Calibration Check Test Results
RMD XRF Unit

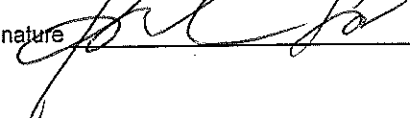
PAGE 1 OF 1

Address / Unit No. SANTA MONICA H.S. - 601 PICO BLVD.
SANTA MONICA, CA 90405

Device: RMD XRF

Date: 05/07/09 XRF Serial No. 1482 (1332) CIRCLE ONE

Contractor: ATC Assoc.

* Inspector Name: Robert de la Torre * Signature 

NIST SRM Used _____ mg/cm² Calibration Check Tolerance Used _____ mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.5	1.6	1.5	1.5	0.4
824	825	826		

Second Calibration Check

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.8	1.9	1.9	1.9	0
1076	1077	1078		

Third Calibration Check (if required)

NIST SRM			Third Average	Difference Between Third Average and NIST SRM*
First Reading	Second Reading	Third Reading		
2.0	1.8	1.9	1.9	0
1138	1139	1140		

Fourth Calibration Check (if required)

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		

* If the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

Calibration Check Test Results
RMD XRF Unit

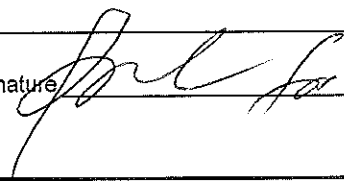
PAGE 1 OF 1

Address / Unit No. SANTA MONICA H.S. - 601 PICO BLVD.
SANTA MONICA, CA 90405

Device: RMD XRF

Date: 05/08/09. XRF Serial No. 1482/1332 CIRCLE ONE

Contractor: ATC ASSOC.

* Inspector Name: Robert DeLaTorre * Signature: 

NIST SRM Used _____ mg/cm² Calibration Check Tolerance Used _____ mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.5	1.5	1.5	1.5	0.4
1141	1142	1143		

Second Calibration Check

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
1.6	1.6	1.5	1.6	0.3
1378	1379	1380		

Third Calibration Check (if required)

NIST SRM			Third Average	Difference Between Third Average and NIST SRM*
First Reading	Second Reading	Third Reading		

Fourth Calibration Check (if required)

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		

* If the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

LEAD HAZARD EVALUATION REPORT

Section 1 — Date of Lead Hazard Evaluation May 4, 2009

Section 2 — Type of Lead Hazard Evaluation (Check one box only)

Lead Inspection Risk assessment Clearance Inspection Other (specify) _____

Section 3 — Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)] 601 Pico Boulevard	City Santa Monica	County Los Angeles	Zip Code 90405
----------------------------------------------------------------------------------	-----------------------------	------------------------------	--------------------------

Construction date (year) of structure Unknown	Type of structure (check one box only) <input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other (specify) _____
---------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Section 4 — Owner of Structure (if business/agency, list contact person)

Name SMMUSD/Virginia Hyatt	Telephone number 310-450-8338
--------------------------------------	-----------------------------------------

Address [number, street, apartment (if applicable)] 1651 Sixteenth Street	City Santa Monica	State CA	Zip Code 90404
-------------------------------------------------------------------------------------	-----------------------------	--------------------	--------------------------

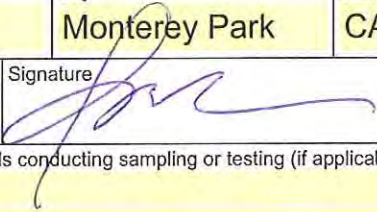
Section 5 — Results of Lead Hazard Evaluation (check all that apply)

No lead-based paint detected. Lead-based paint detected.
 No lead hazards detected. Lead hazards detected.

Section 6 — Individual Conducting Lead Hazard Evaluation

Name ATC Associates Inc./Paul Cota	Telephone number 323-517-9780
----------------------------------------------	-----------------------------------------

Address [number, street, apartment (if applicable)] 25 Cupania Circle	City Monterey Park	State CA	Zip Code 91755
---------------------------------------------------------------------------------	------------------------------	--------------------	--------------------------

CDPH certification number LRCIA No. 14316	Signature 	Date 5-4-09
-----------------------------------------------------	---------------------------------------------------------------------------------------------------	-----------------------

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)
 Robert de la Torre - LRCIA No. 14598
 Damon Carrier - LRCIA No. 19034

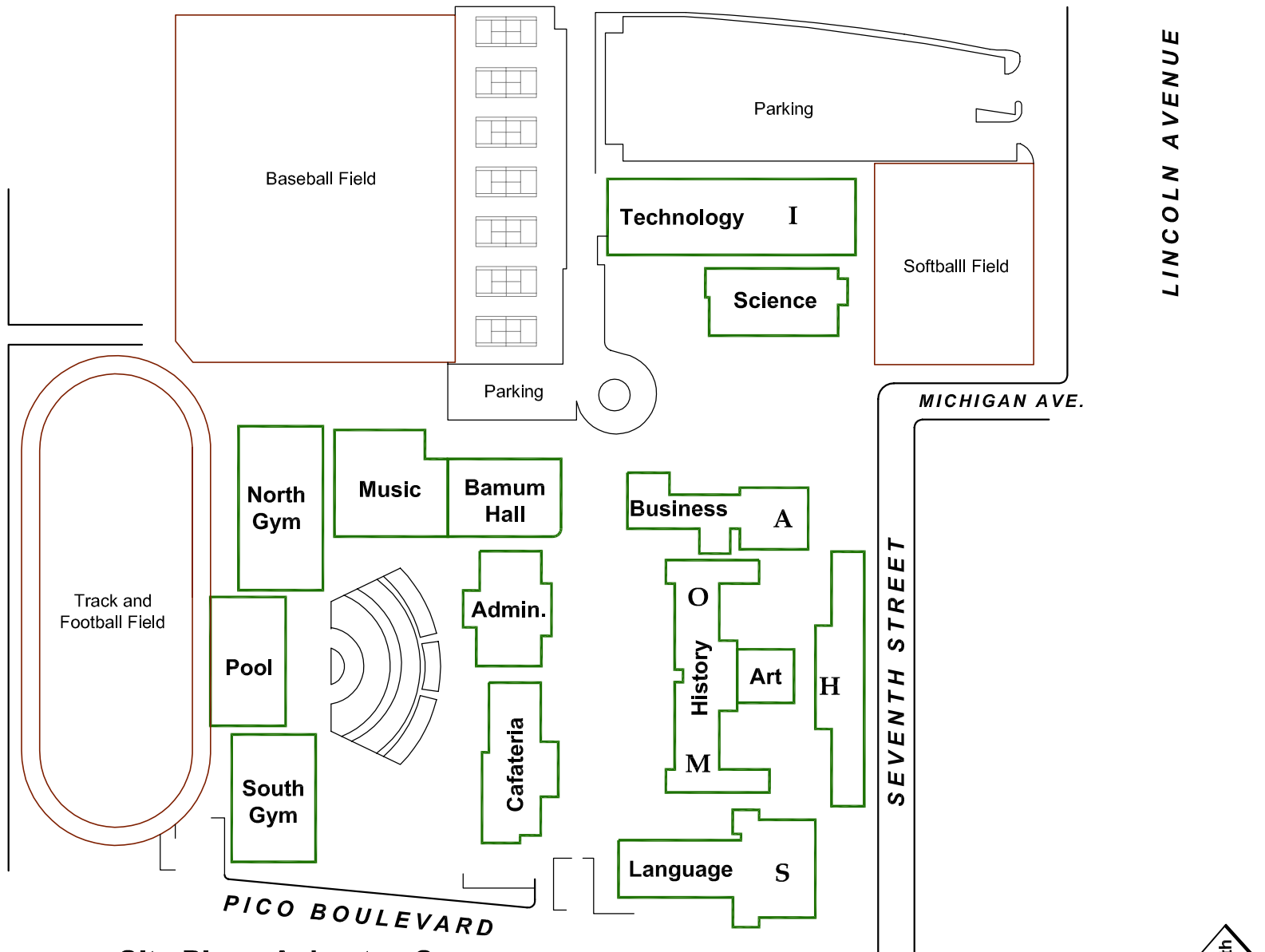
Section 7 — Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector
Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:
 California Department of Public Health
 Childhood Lead Poisoning Prevention Branch Reports
 850 Marina Bay Parkway, Building P, Third Floor
 Richmond, CA 94804-6403
 Fax: (510) 620-5656

APPENDIX C
Site Diagrams

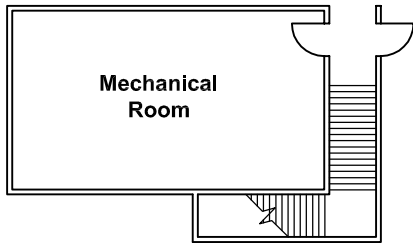
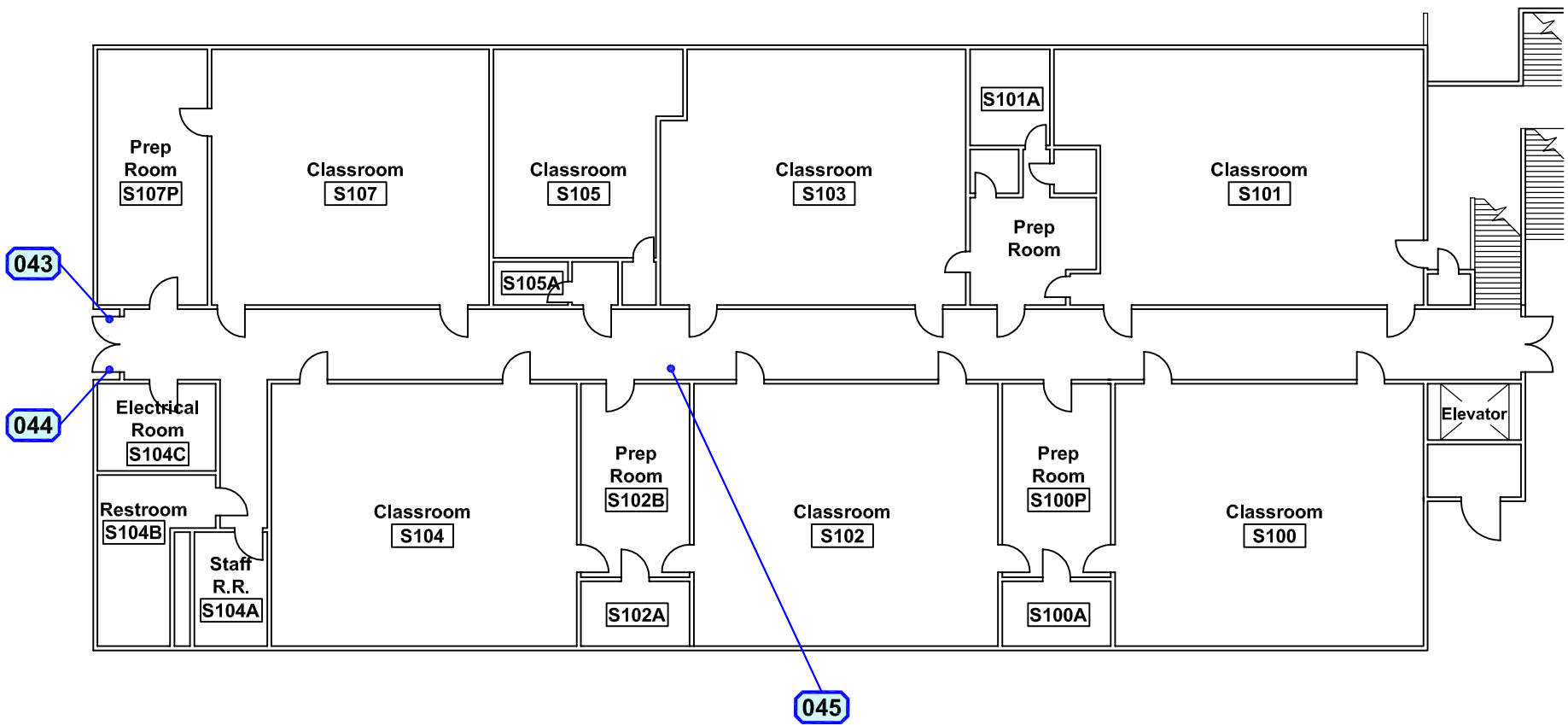


Site Plan - Asbestos Survey
 NOT TO SCALE

Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	1 of 30

VATC ASSOCIATES INC. 25 Cupania Circle
 Monterey Park, CA 91755
 Ph: (323) 517-9780 *** Fax: (323) 517-9781



LEGEND:


- 000 = ACM SAMPLE LOCATION NUMBER
- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

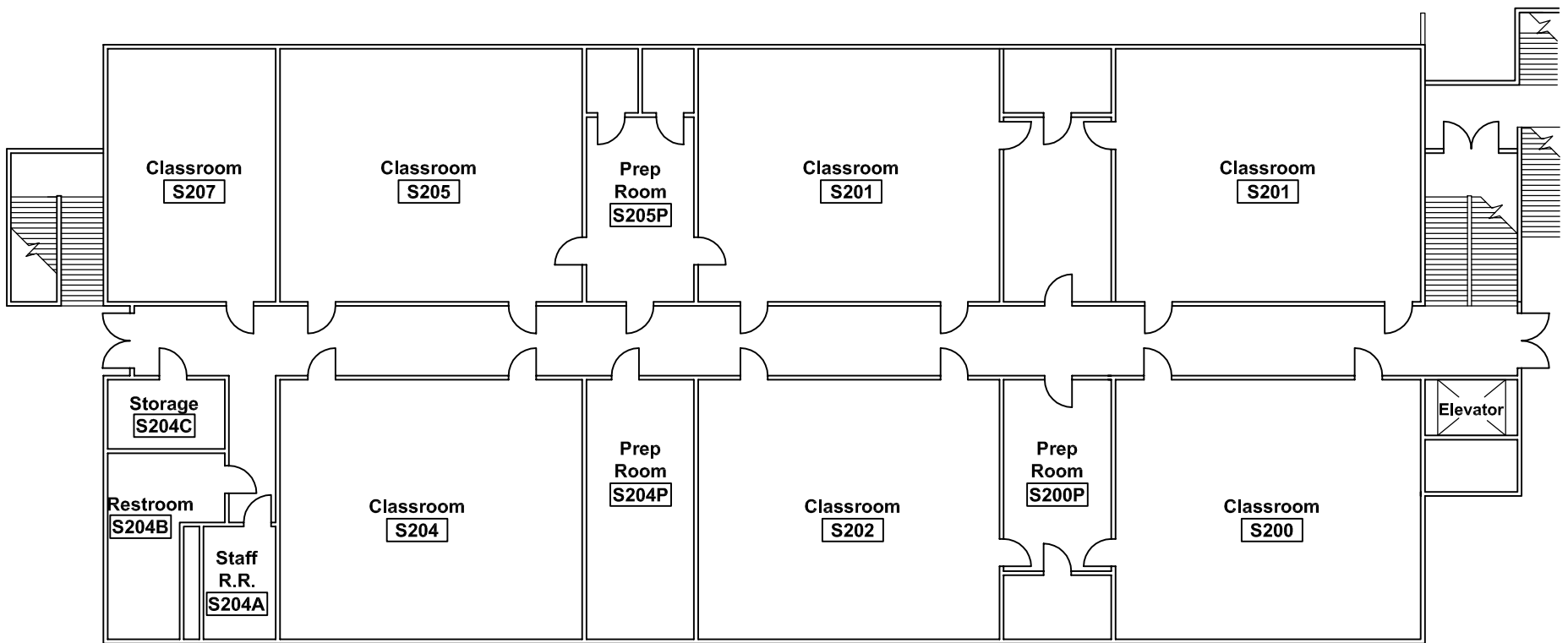


Science Building First Floor - Asbestos Survey

NOT TO SCALE

**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	2 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


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- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

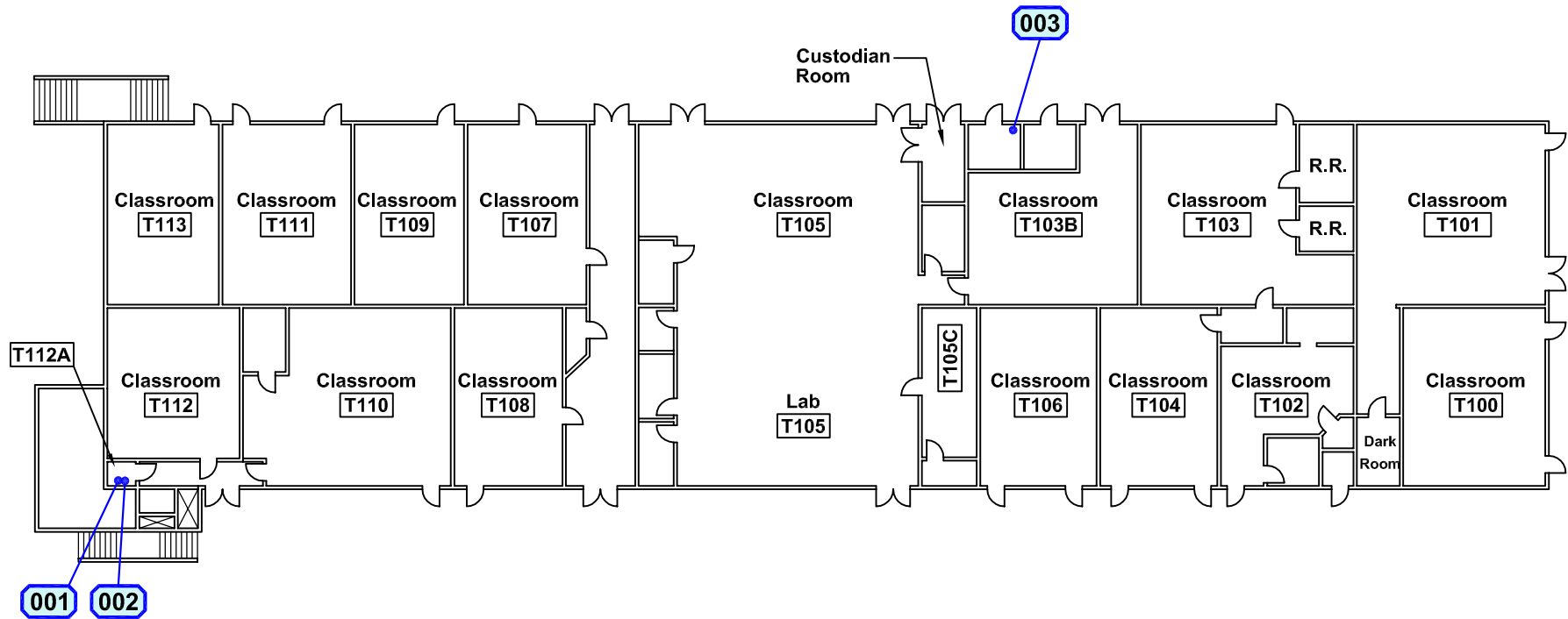
Science Building Second Floor - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	3 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


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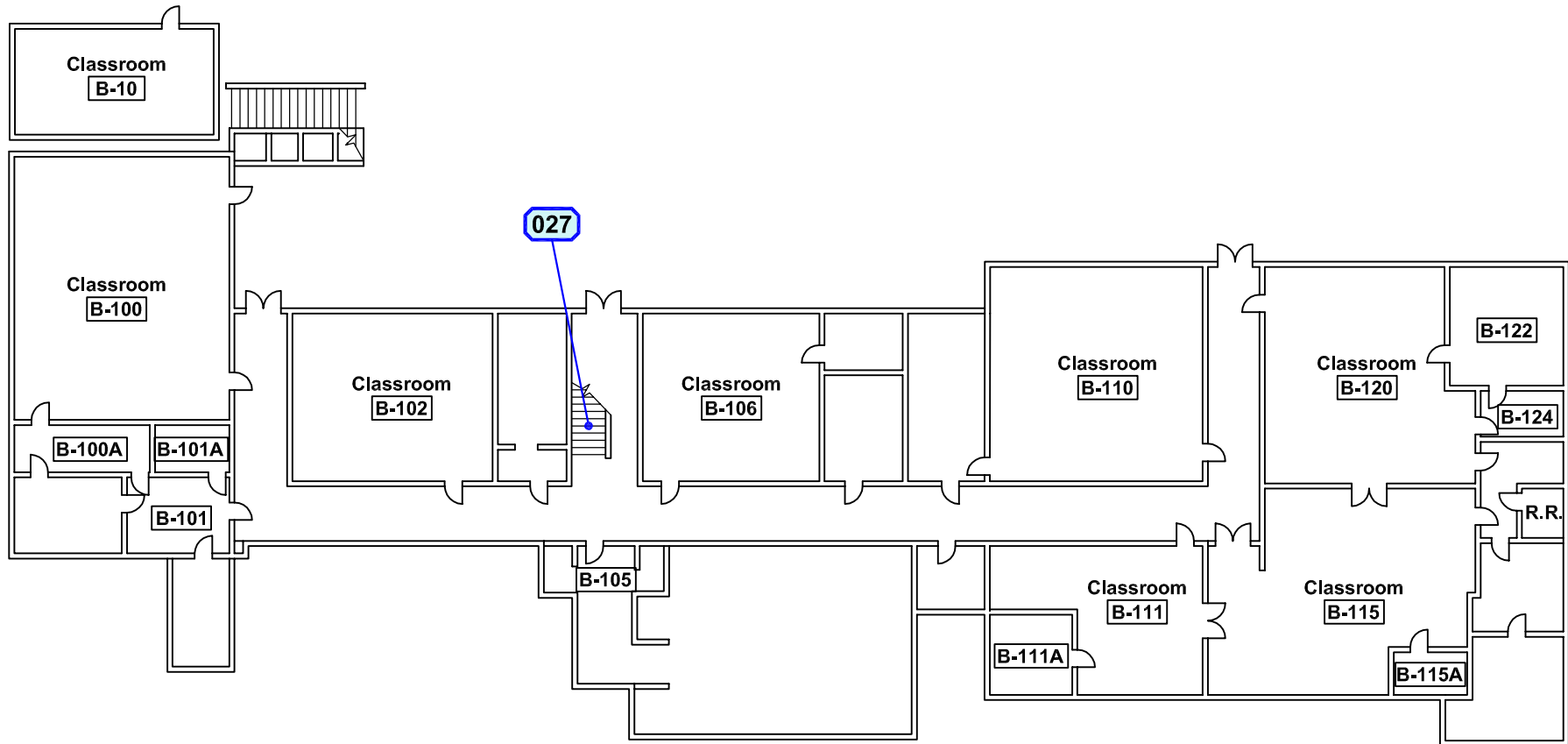
Technology Building First Floor - Asbestos Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	4 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:

- 000 = ACM SAMPLE LOCATION NUMBER
- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

Business Building First Floor - Asbestos Survey

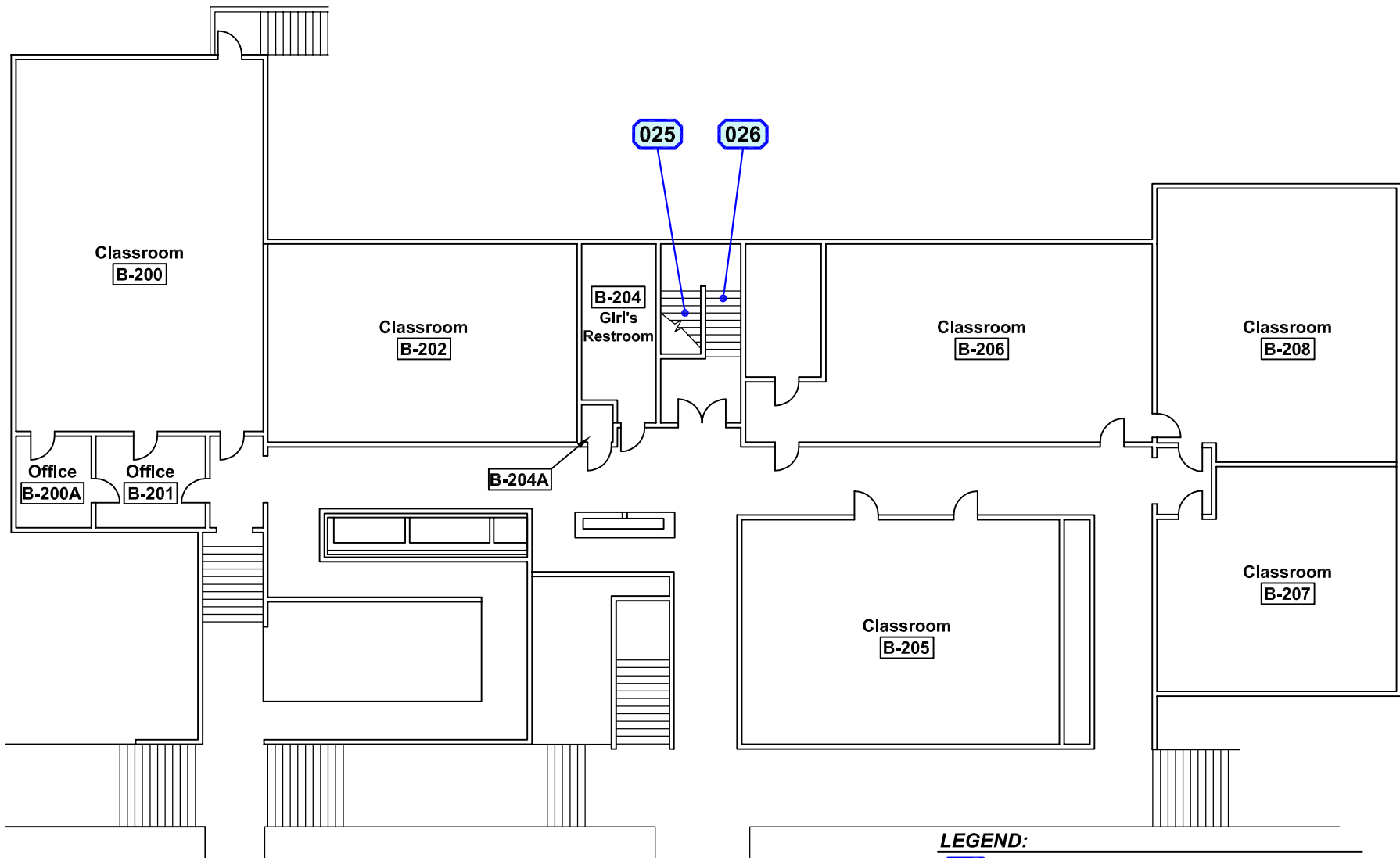
NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 5 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	

ATC ASSOCIATES INC. 25 Cupania Circle
 Monterey Park, CA 91755
 Ph: (323) 517-9780 *** Fax: (323) 517-9781



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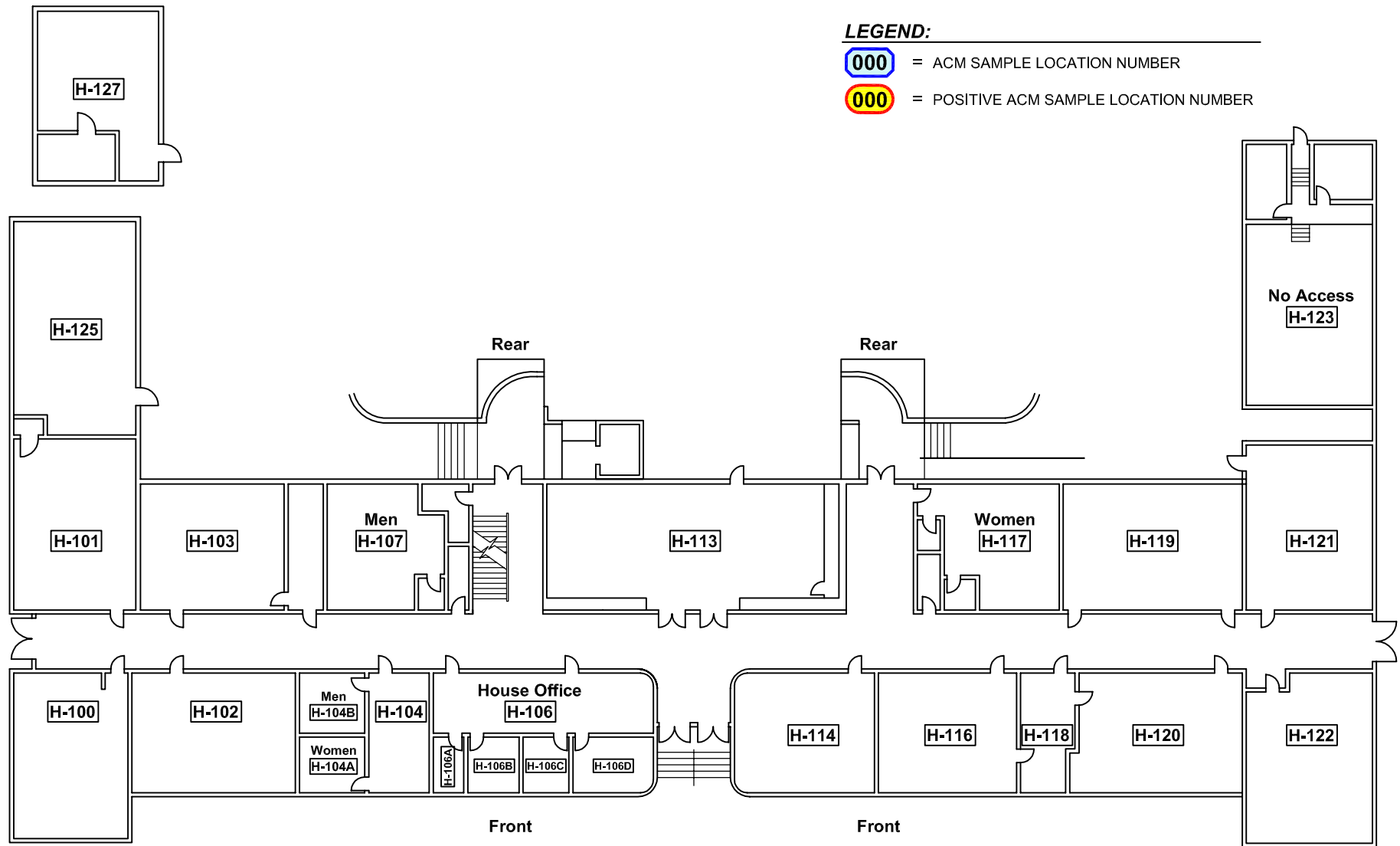
- 000 = ACM SAMPLE LOCATION NUMBER
- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

Business Building Second Floor - Asbestos Survey

NOT TO SCALE



<p>Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405</p>	PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
	REVIEW BY: P. COTA	DRAWN BY: DAW	6 of 30
		25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781	



LEGEND:

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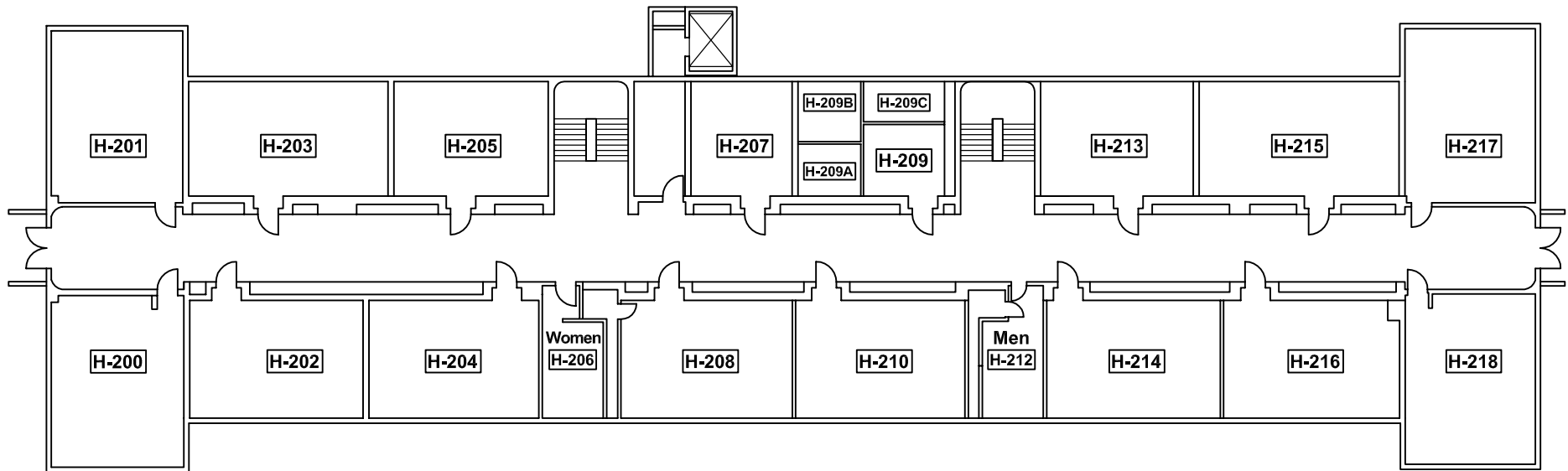
History Building First Floor - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 7 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
VATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755
Ph: (323) 517-9780 ***		Fax: (323) 517-9781



LEGEND:

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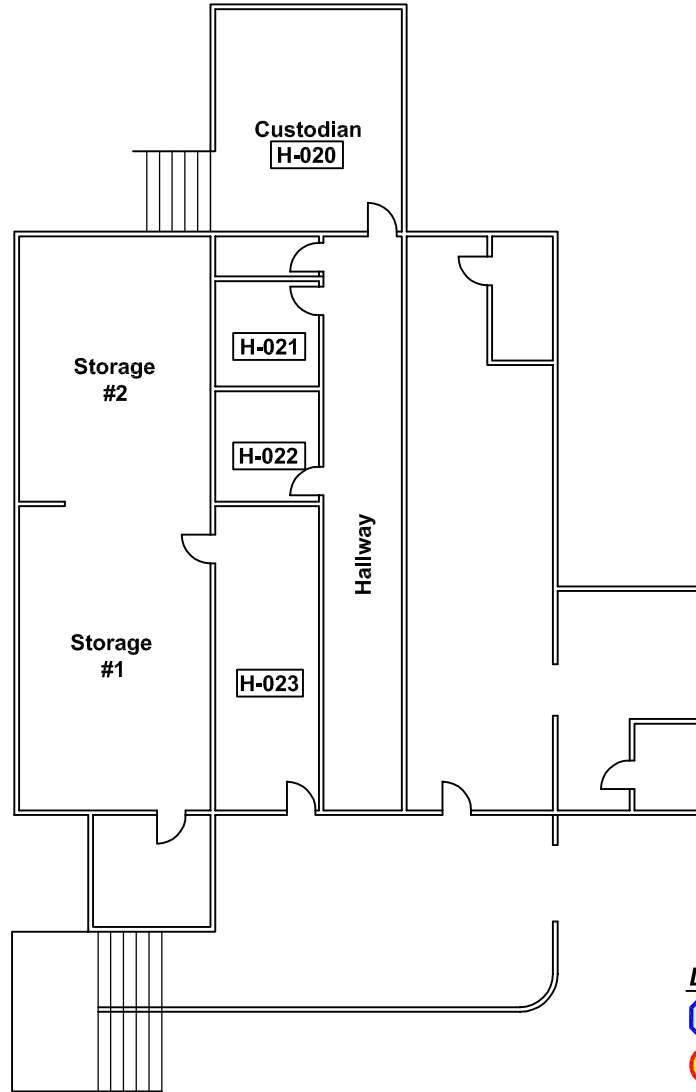
History Building Second Floor - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 8 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
VATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755
Ph: (323) 517-9780 ***		Fax: (323) 517-9781



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= POSITIVE ACM SAMPLE LOCATION NUMBER

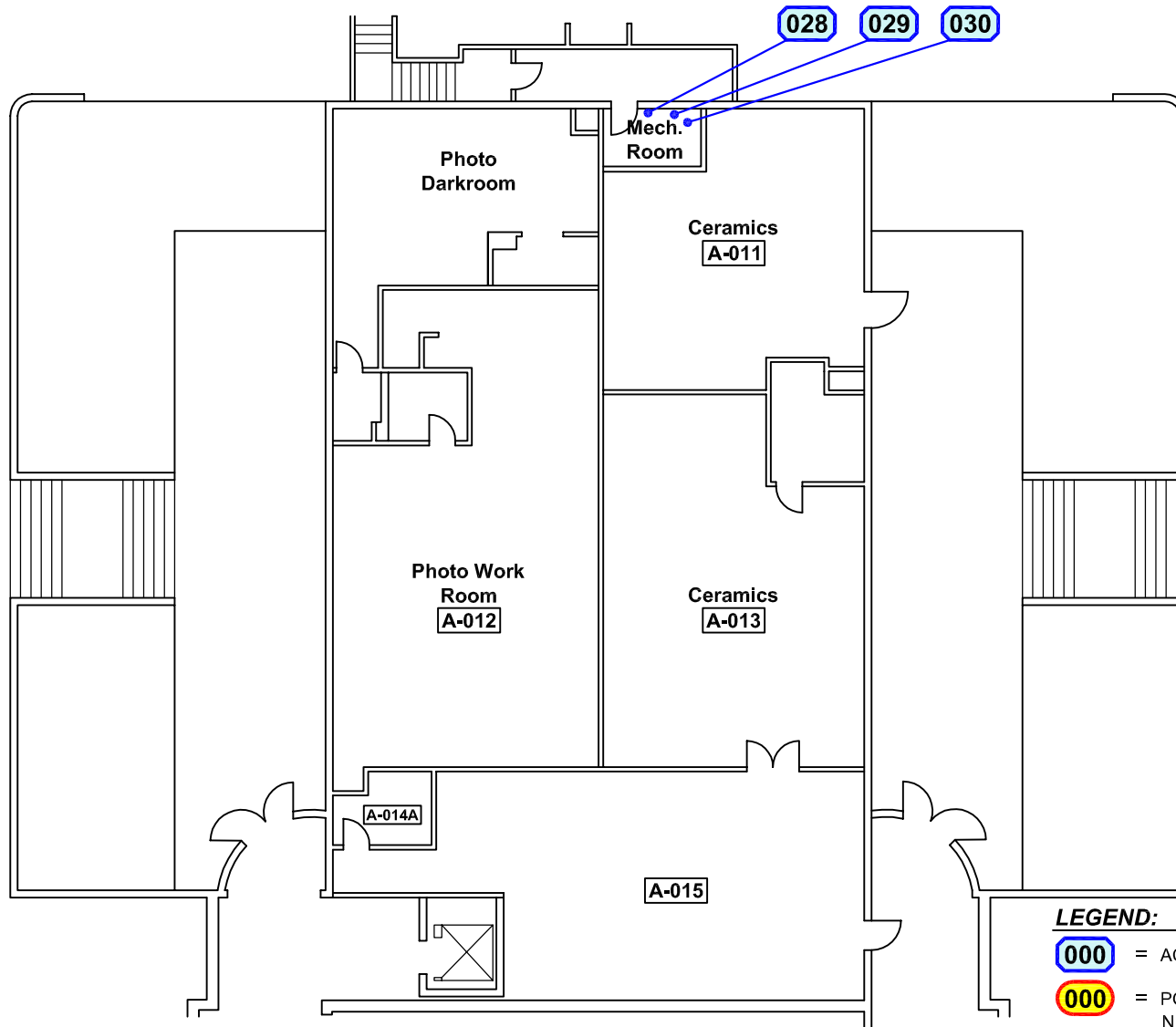
History Building Basement - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	9 of 30
 VATC 25 Cupania Circle ASSOCIATES INC. Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		




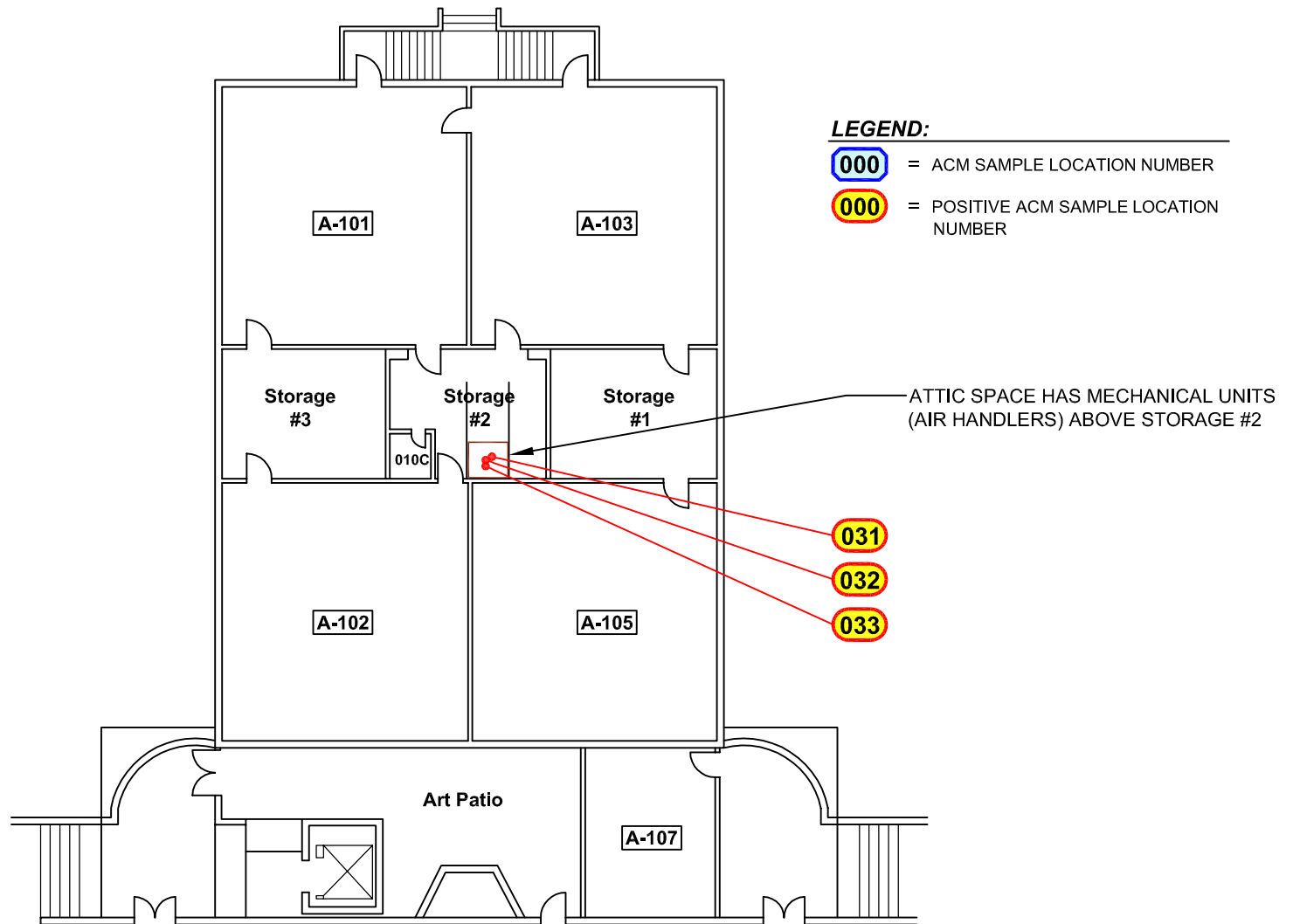
Art Building Downstairs - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	10 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		




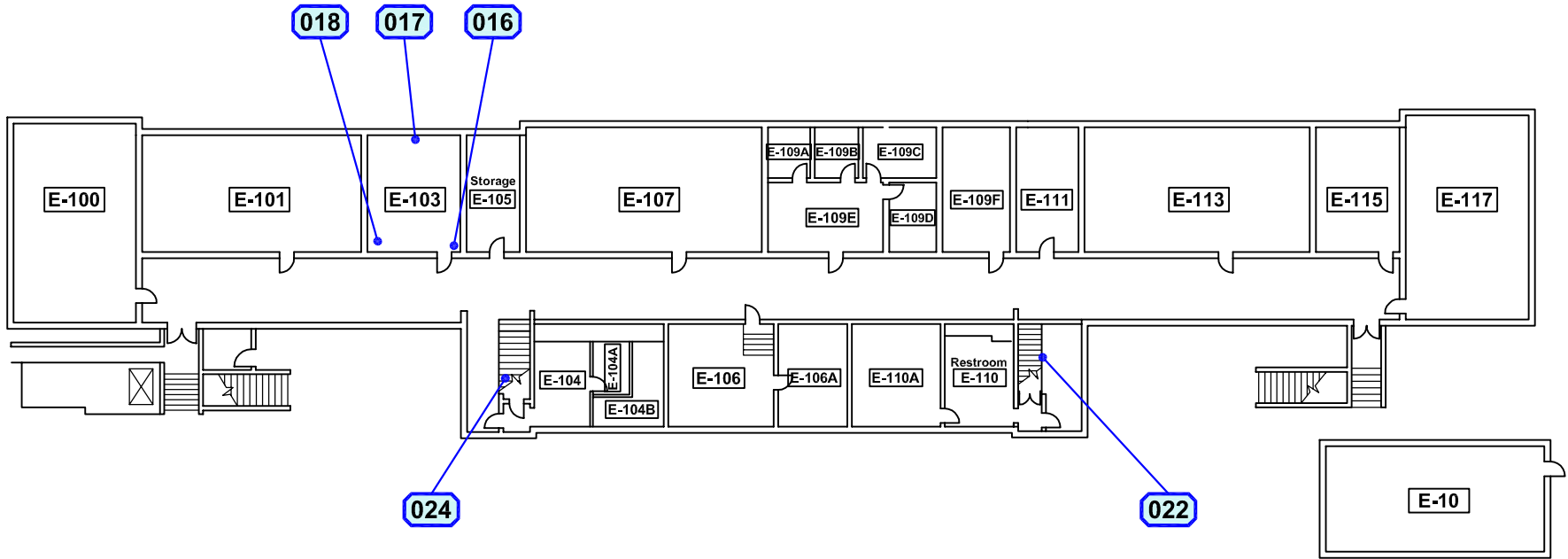
Art Building Upstairs - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
601 PICO BOULEVARD
SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	11 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:

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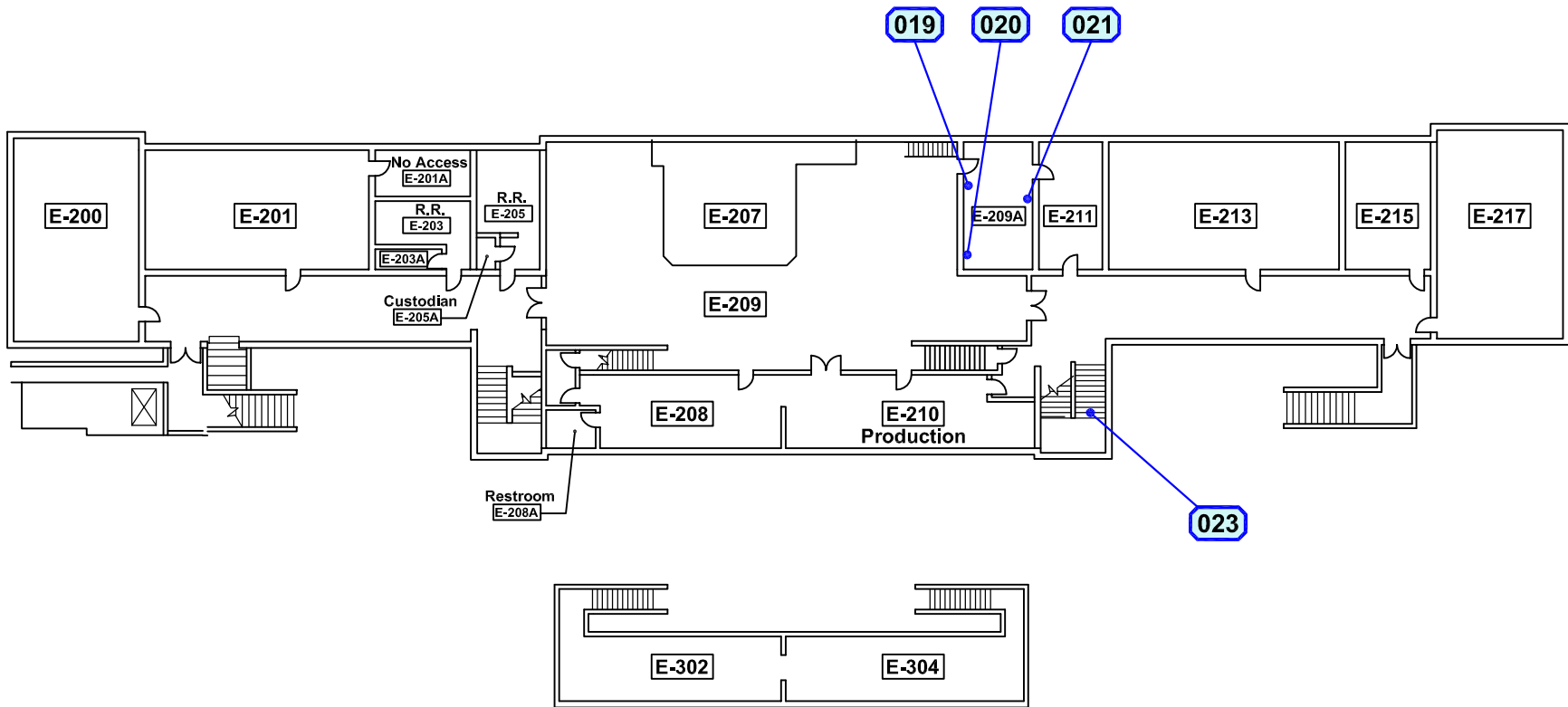
English Building First Floor - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 12 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
VATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755
Ph: (323) 517-9780 ***		Fax: (323) 517-9781



Third Floor

LEGEND:

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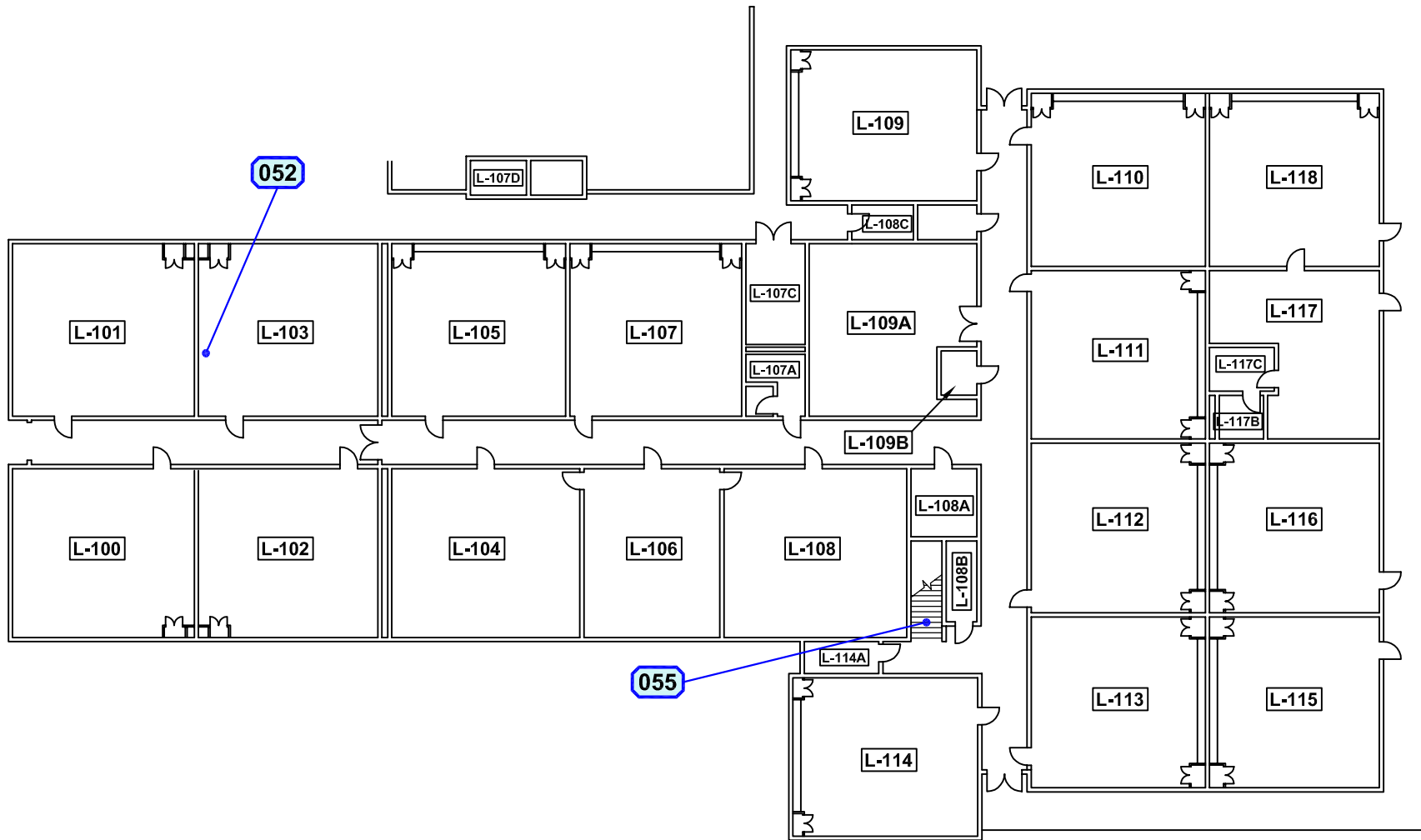
English Building Second Floor - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 13 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
ATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755
Ph: (323) 517-9780 ***		Fax: (323) 517-9781



LEGEND:

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- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER



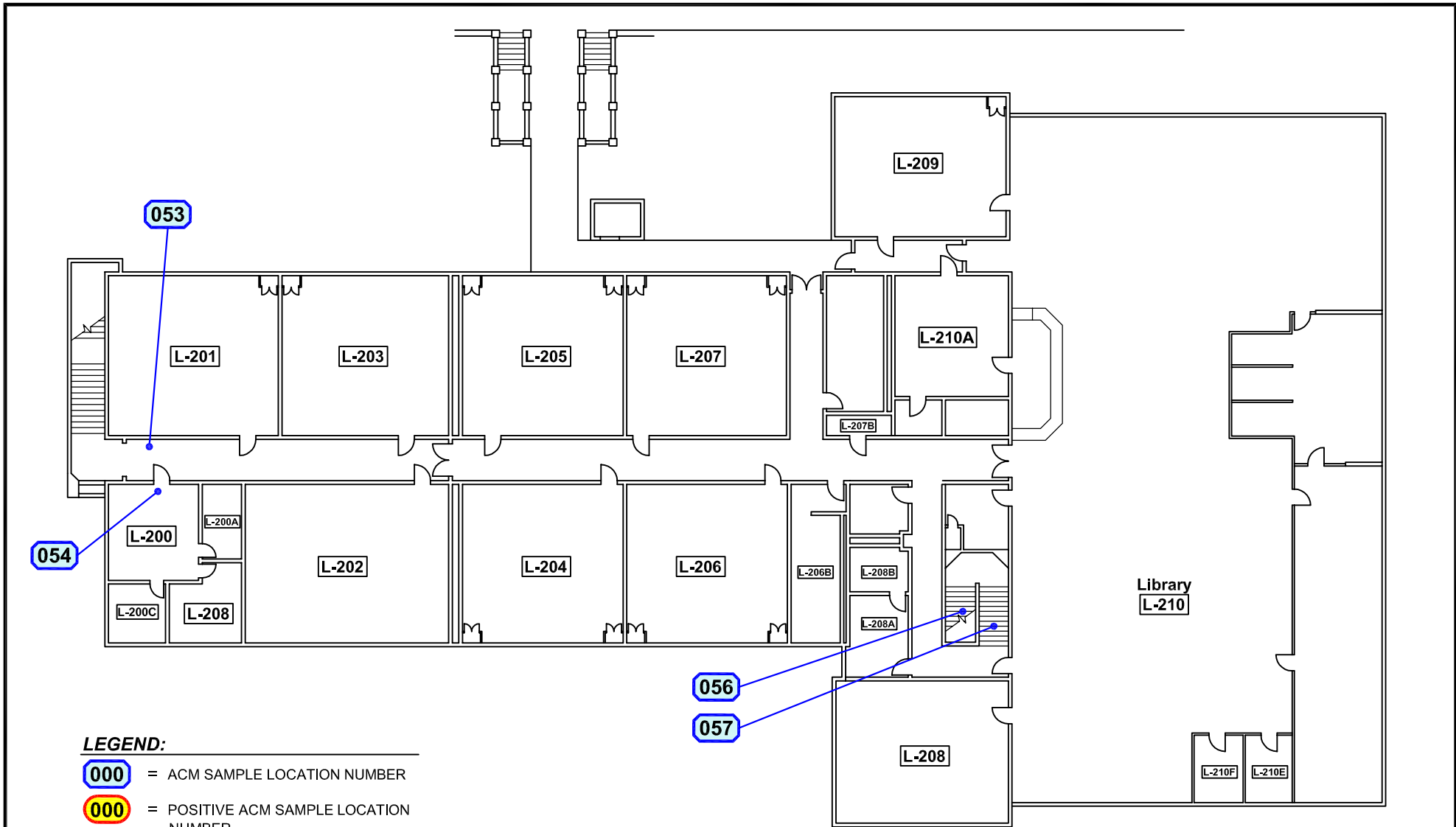
Language Building First Floor - Asbestos Survey

NOT TO SCALE

**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 14 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	

ATC ASSOCIATES INC. 25 Cupania Circle
 Monterey Park, CA 91755
 Ph: (323) 517-9780 *** Fax: (323) 517-9781



LEGEND:

000 = ACM SAMPLE LOCATION NUMBER


000 = POSITIVE ACM SAMPLE LOCATION NUMBER

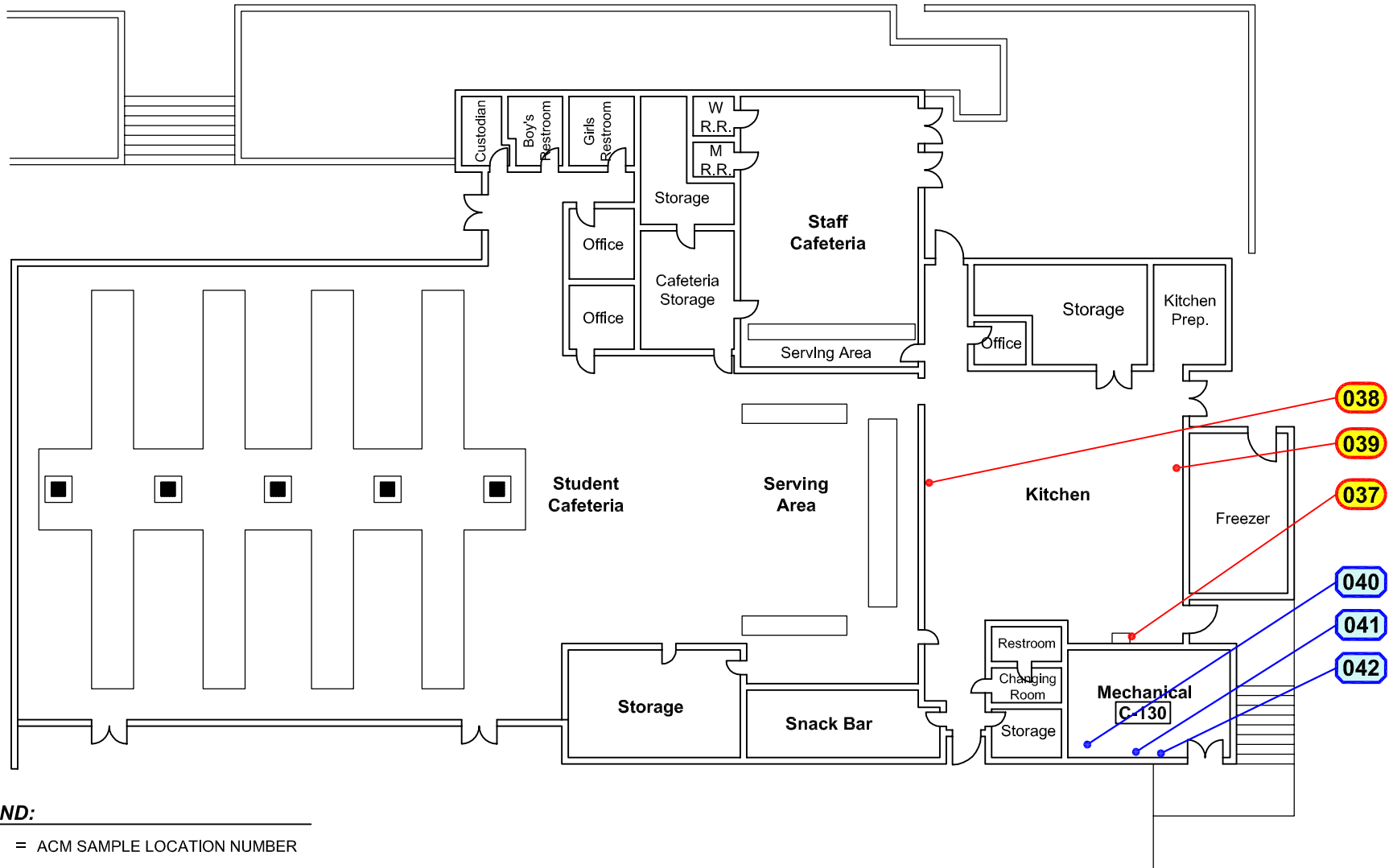
Language Building Second Floor - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	15 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


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- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

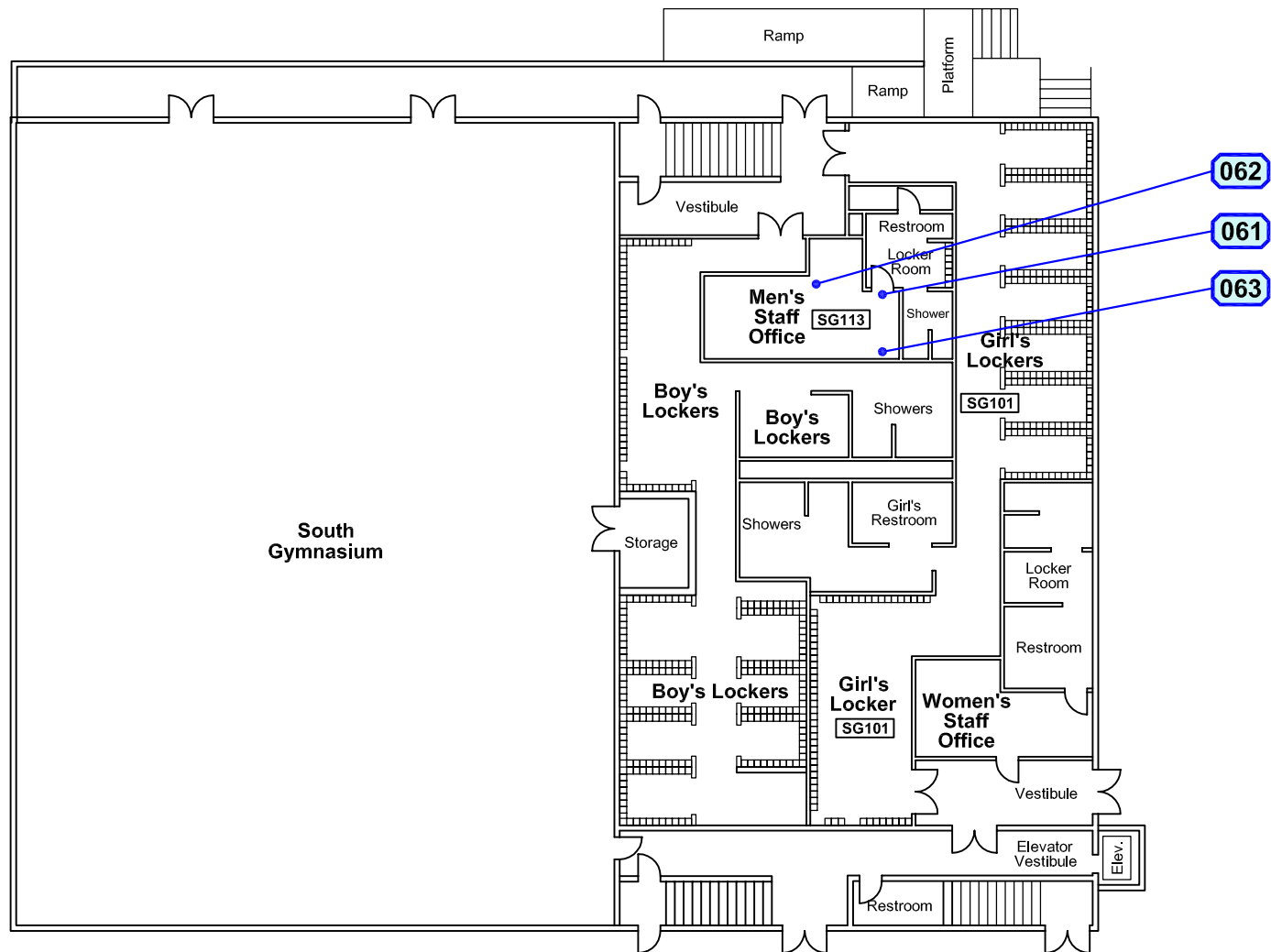
Cafeteria Building - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	16 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



South Gym First Floor - Asbestos Survey

NOT TO SCALE

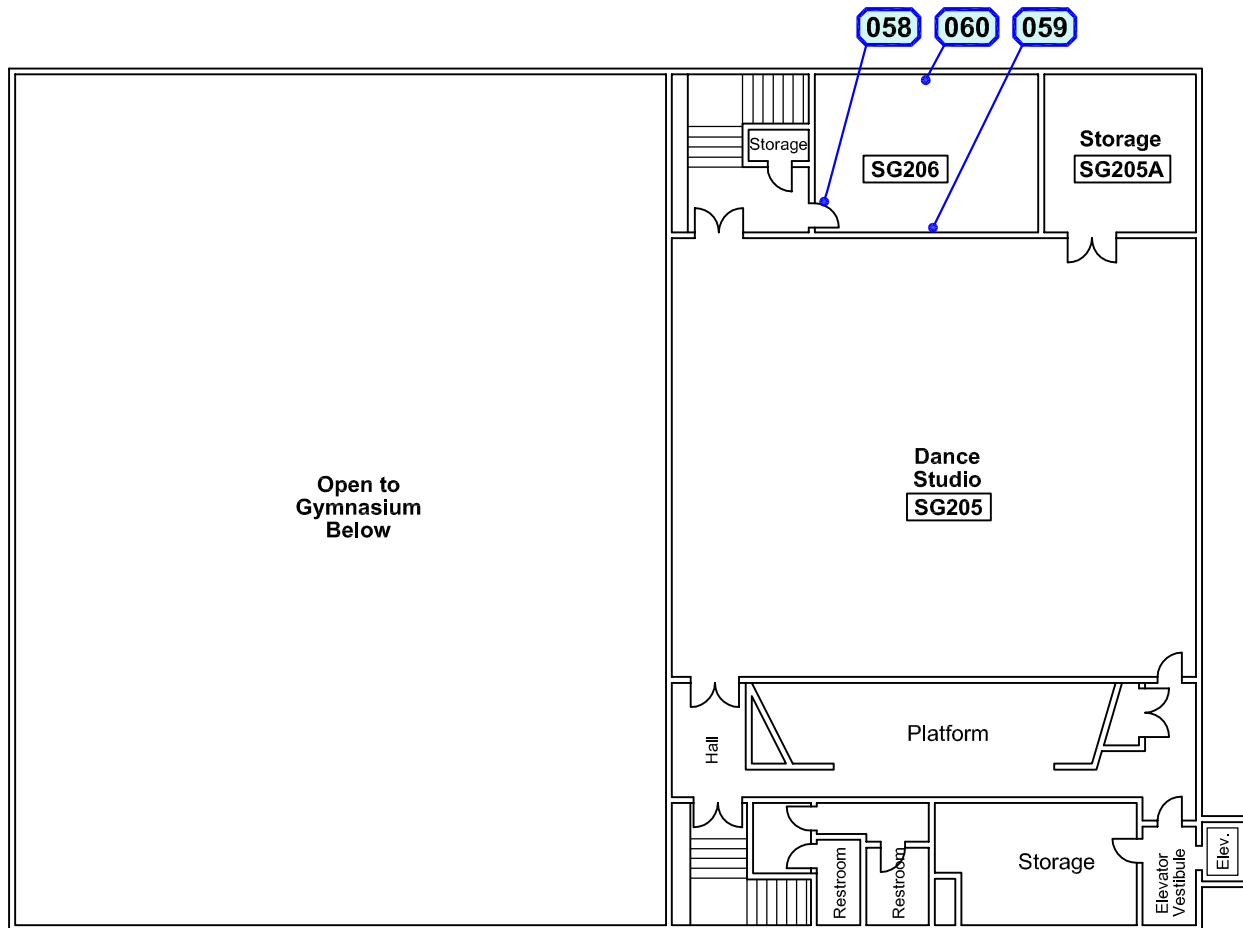
**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

LEGEND:

- 000 = ACM SAMPLE LOCATION NUMBER
- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER



PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 17 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
ATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755
Ph: (323) 517-9780 ***		Fax: (323) 517-9781



LEGEND:


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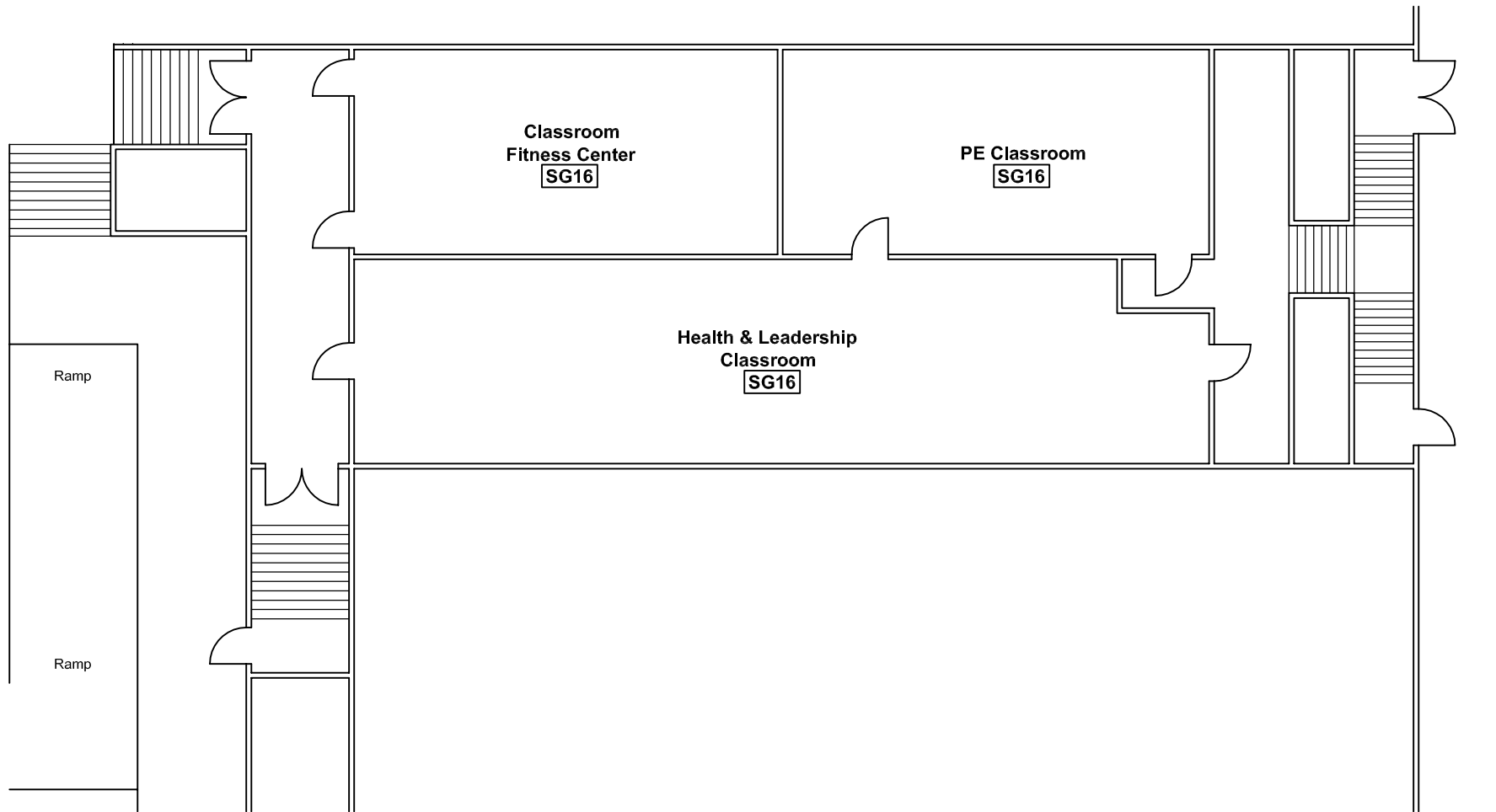
South Gym Second Floor - Asbestos Survey

NOT TO SCALE





**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	18 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



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-  = POSITIVE ACM SAMPLE LOCATION NUMBER

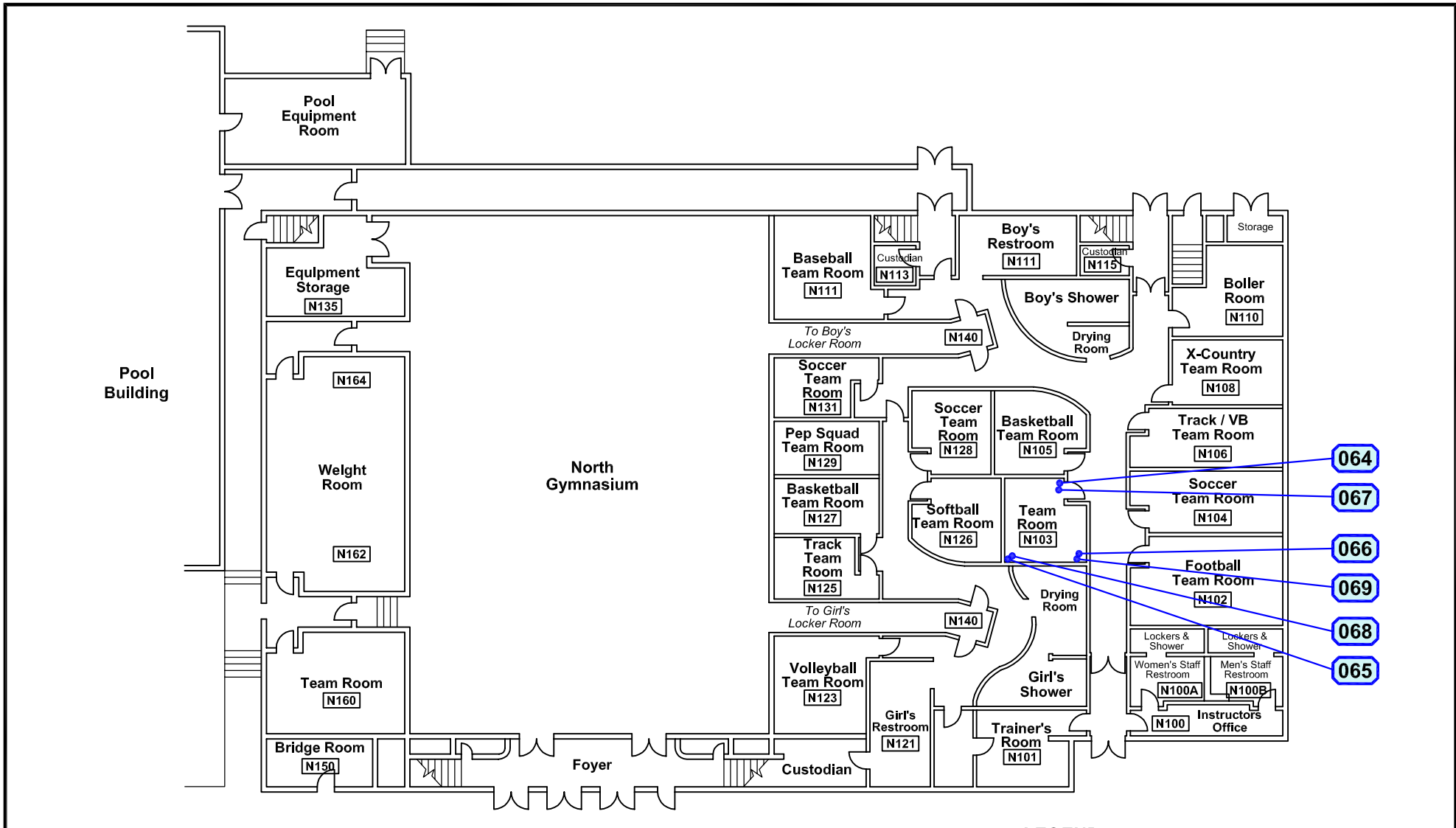
South Gym Basement - Asbestos Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	19 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



North Gym First Floor - Asbestos Survey

NOT TO SCALE

LEGEND:



= ACM SAMPLE LOCATION NUMBER



= POSITIVE ACM SAMPLE LOCATION NUMBER

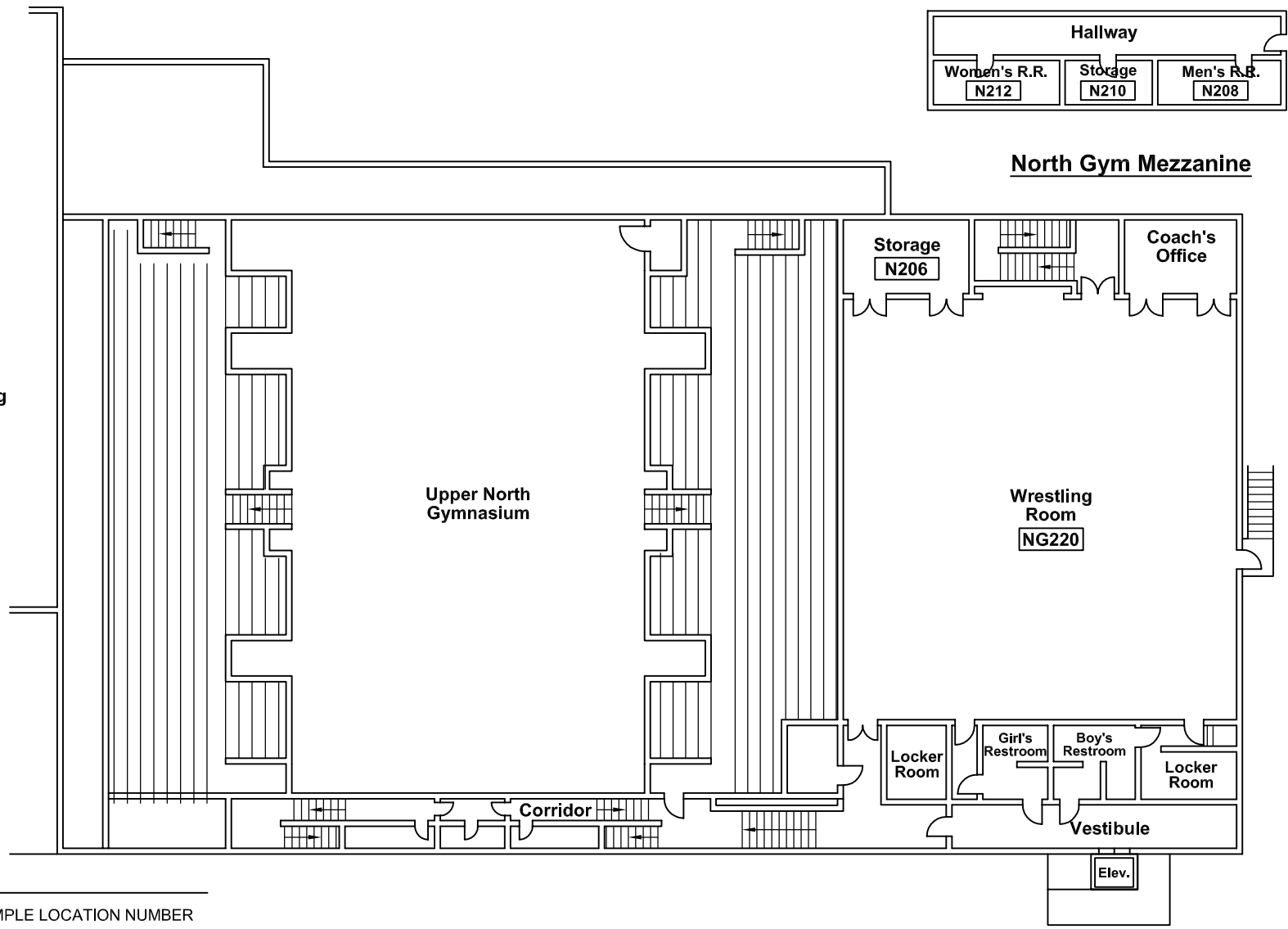


**Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
601 PICO BOULEVARD
SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	20 of 30

ATC ASSOCIATES INC. 25 Cupania Circle
Monterey Park, CA 91755
Ph: (323) 517-9780 *** Fax: (323) 517-9781

Pool Building




LEGEND:

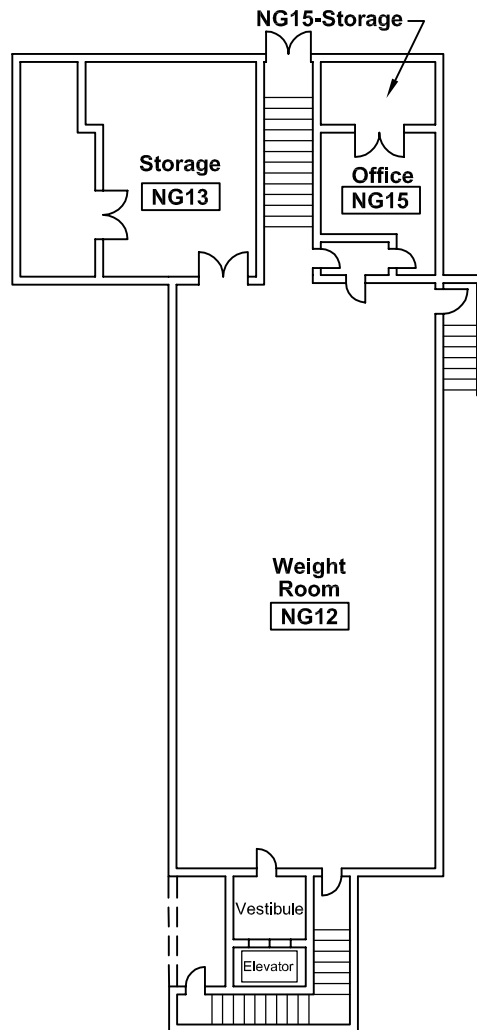
- 000 = ACM SAMPLE LOCATION NUMBER
- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

North Gym Second Floor - Asbestos Survey
 NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	21 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



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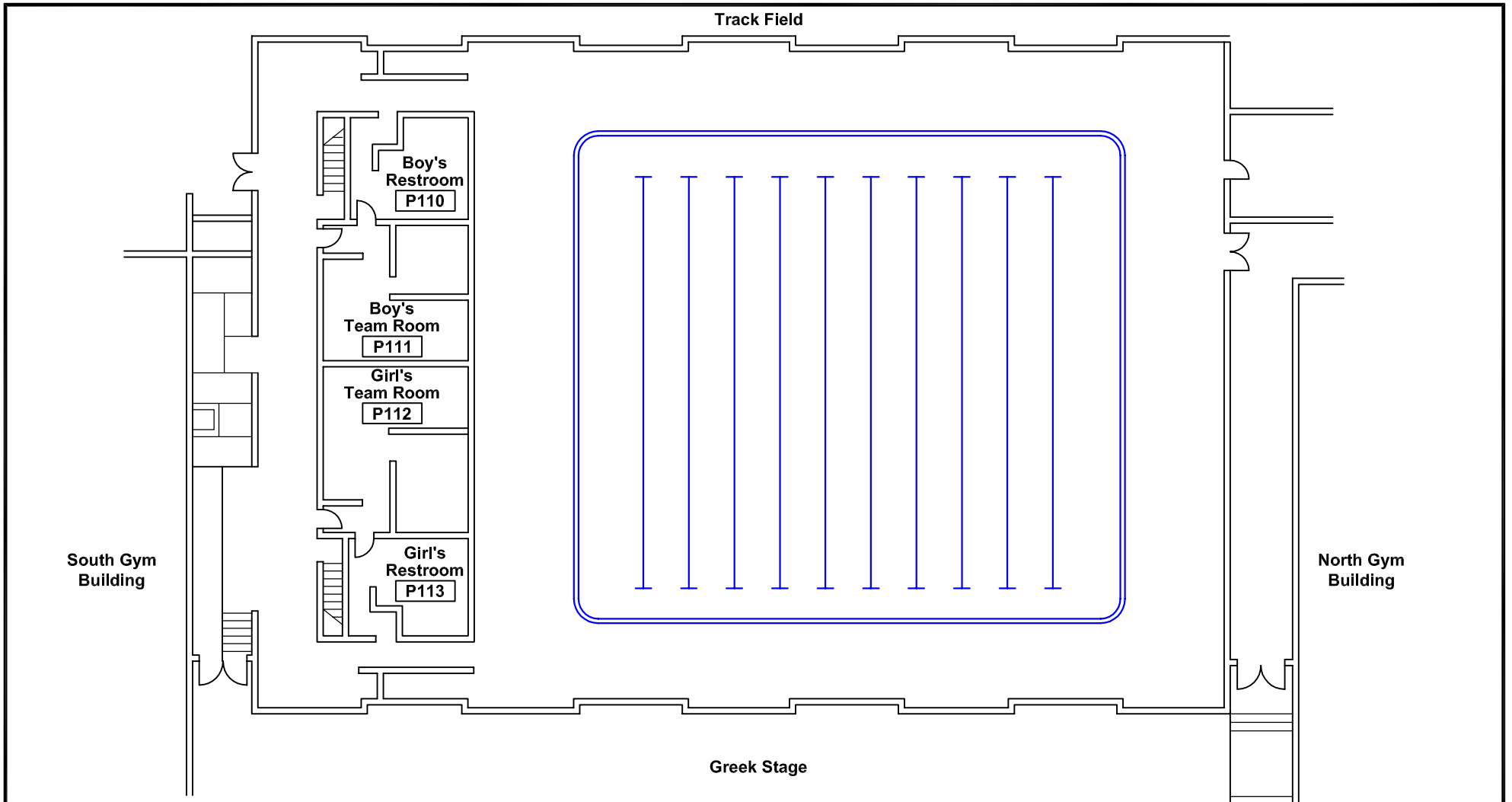
North Gym Basement - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
601 PICO BOULEVARD
SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	22 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:

000 = ACM SAMPLE LOCATION NUMBER


000 = POSITIVE ACM SAMPLE LOCATION NUMBER

Pool Building - Asbestos Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	23 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		

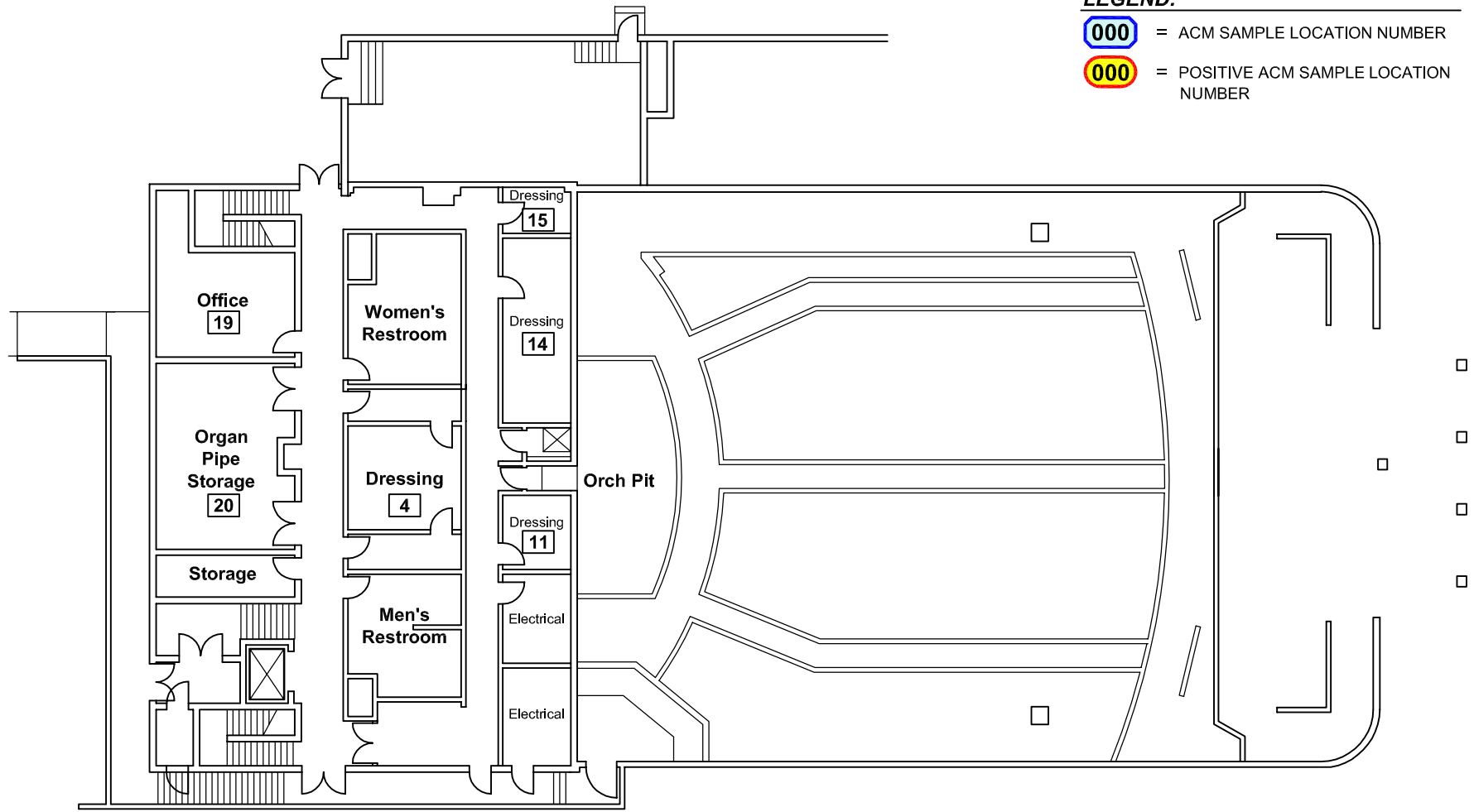
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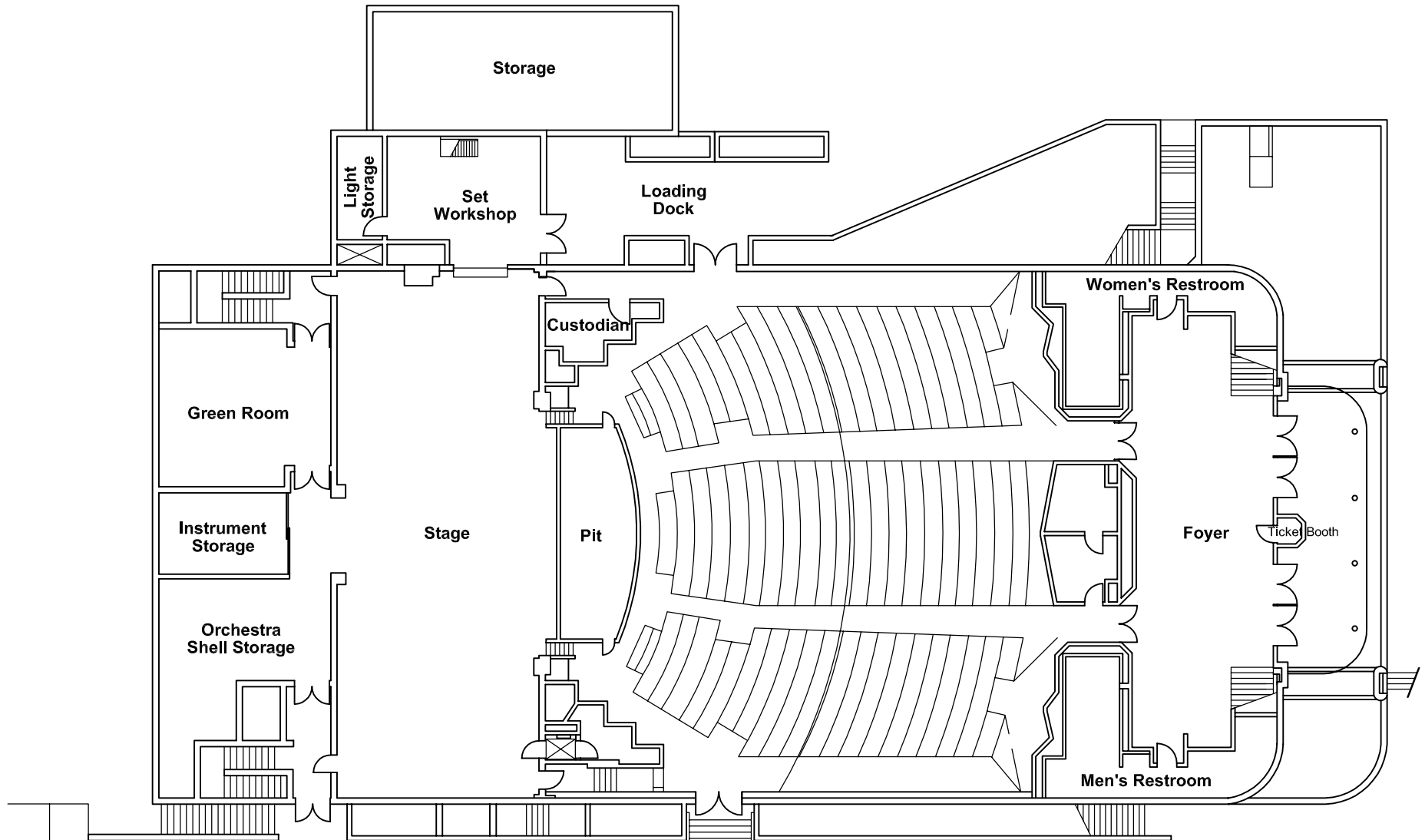
Barnum Hall Basement - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	24 of 30
25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



Barnum Hall First Floor - Asbestos Survey

NOT TO SCALE

LEGEND:



= ACM SAMPLE LOCATION NUMBER

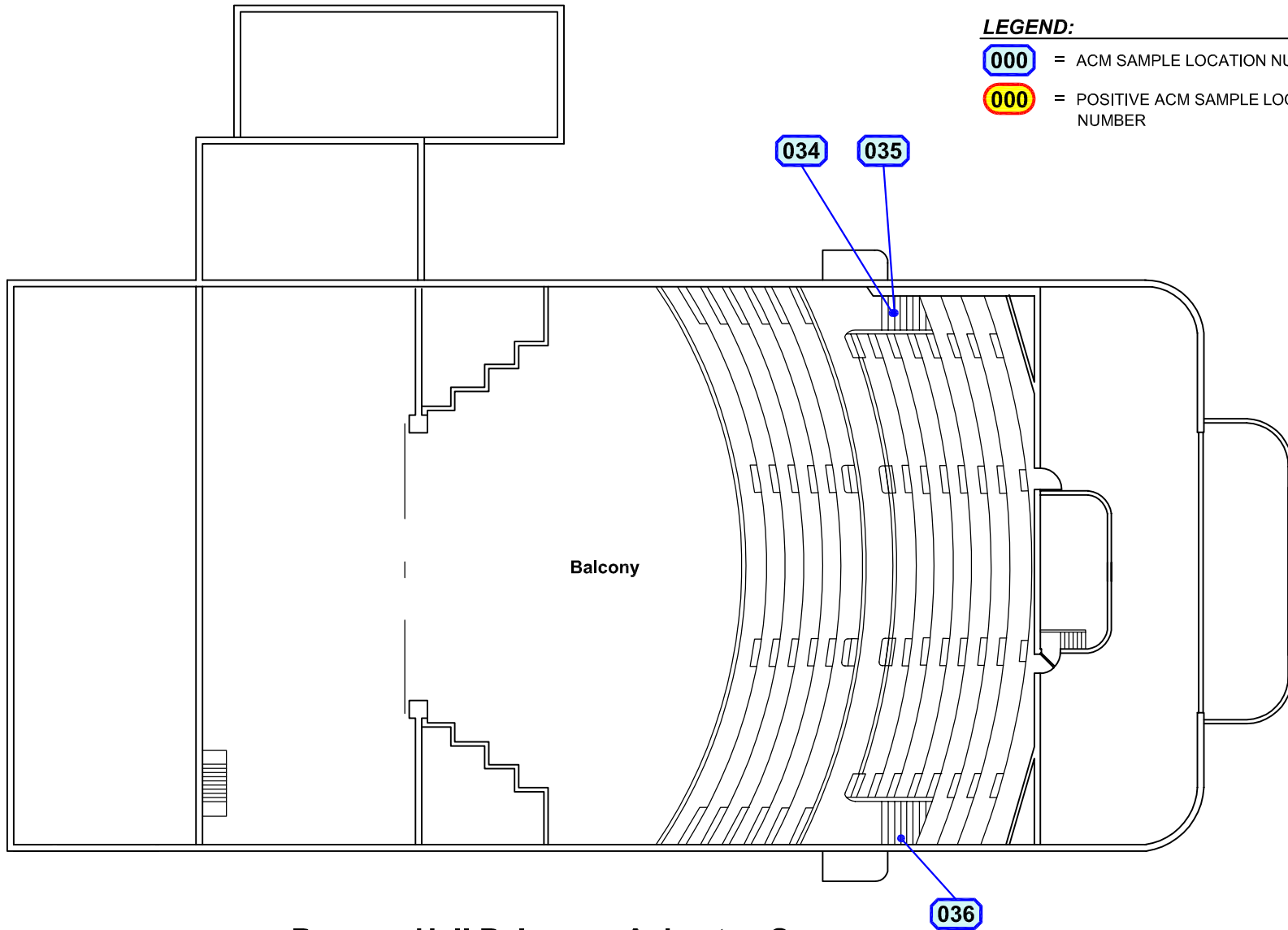


= POSITIVE ACM SAMPLE LOCATION NUMBER



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	25 of 30
25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		




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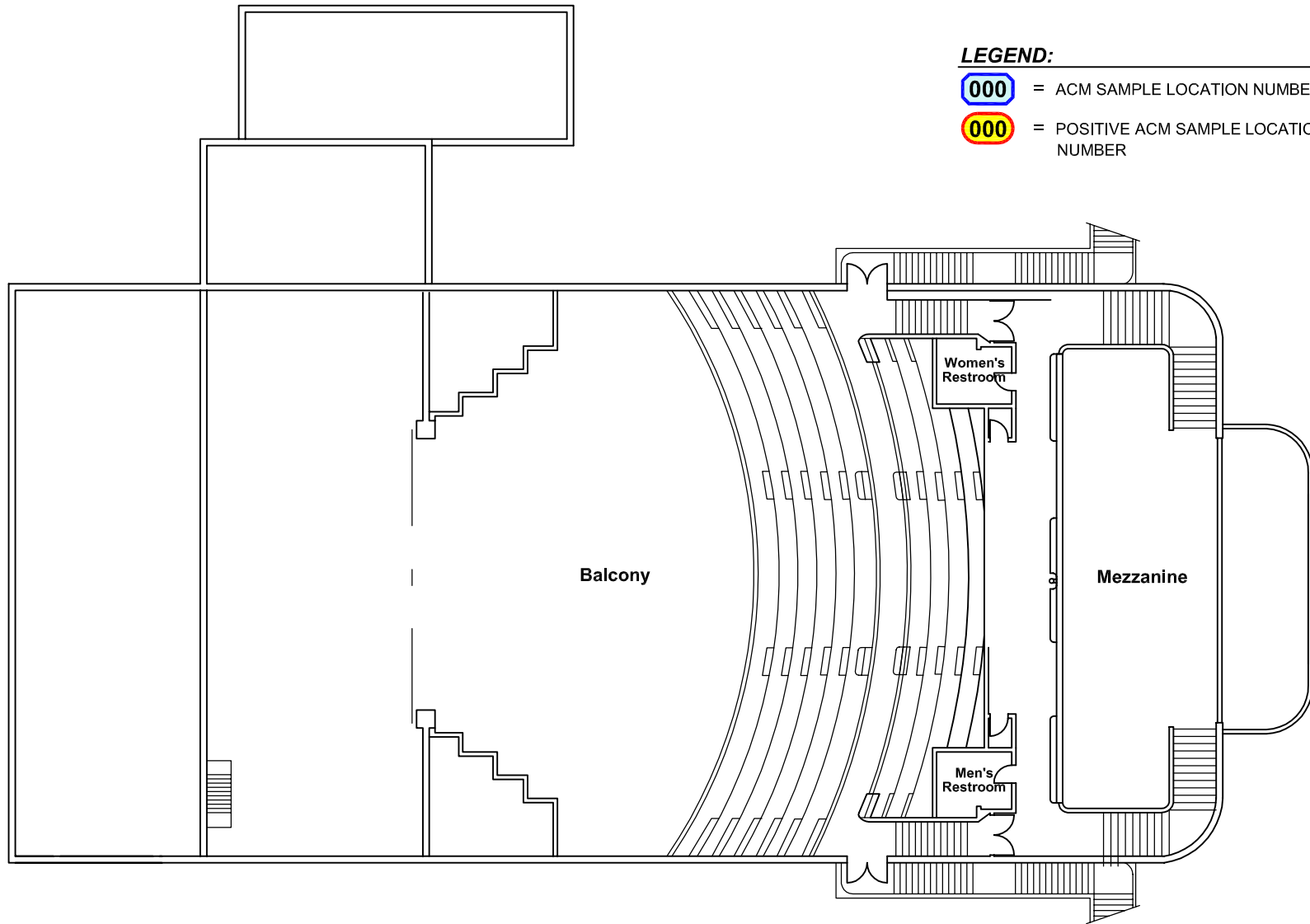
- 000 = ACM SAMPLE LOCATION NUMBER
- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

Barnum Hall Balcony - Asbestos Survey
NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	26 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:

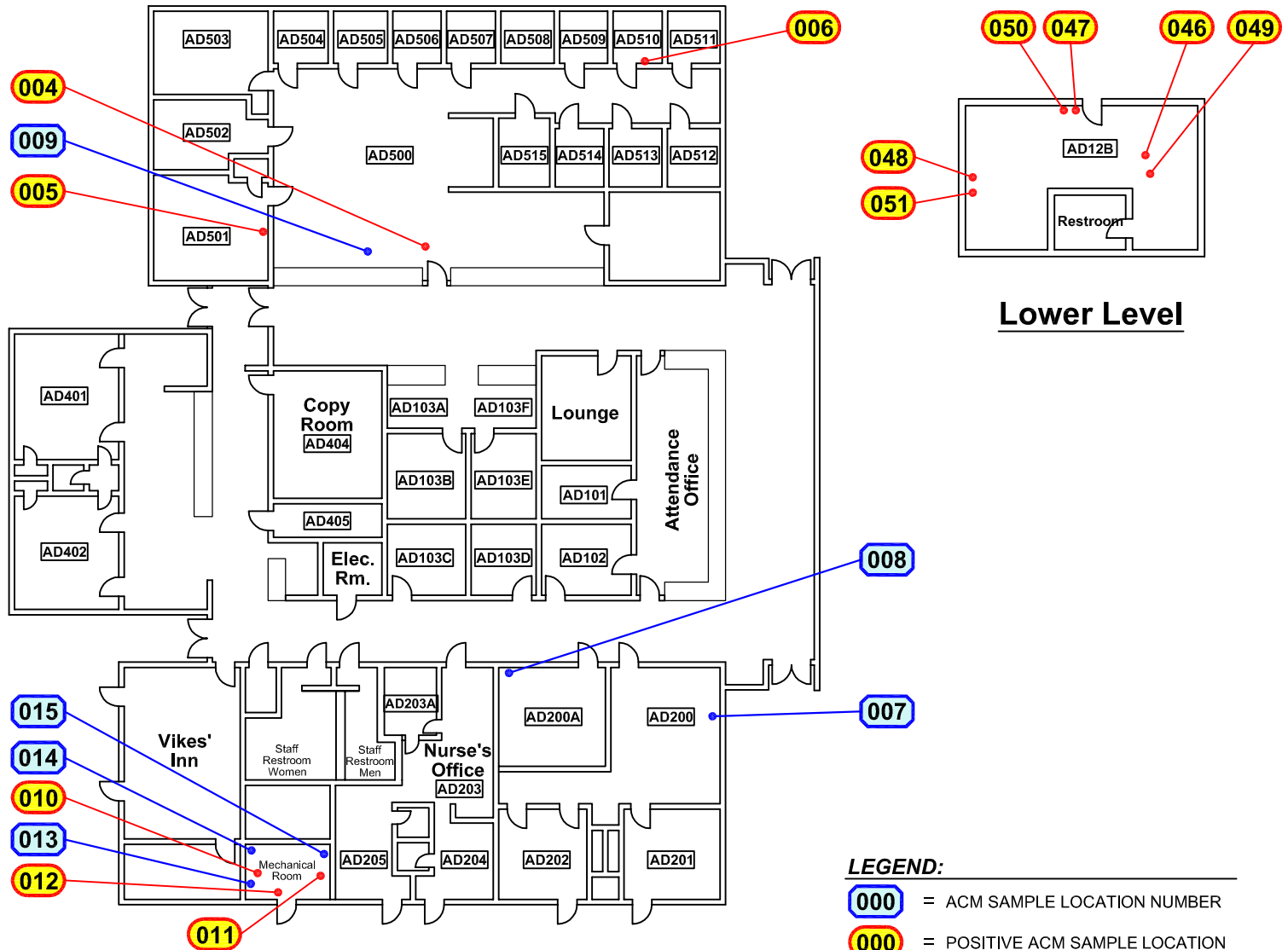
- 000 = ACM SAMPLE LOCATION NUMBER
- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

Barnum Hall Mezzanine - Asbestos Survey

NOT TO SCALE



<p>Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405</p>	PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
	REVIEW BY: P. COTA	DRAWN BY: DAW	27 of 30
		25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781	




Lower Level

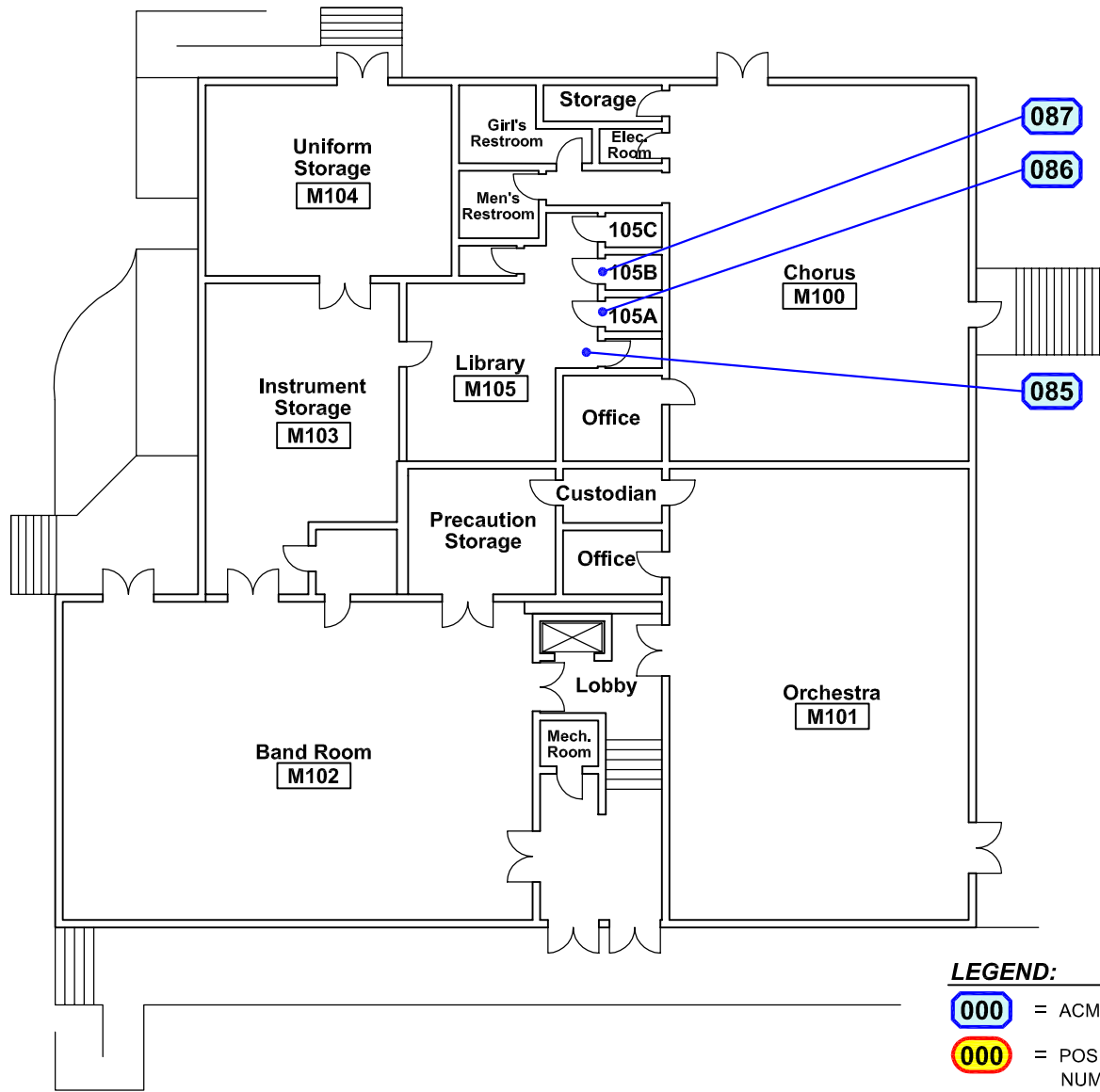
Administration Building - Asbestos Survey
 NOT TO SCALE

- LEGEND:**
- 000 = ACM SAMPLE LOCATION NUMBER
 - 000 = POSITIVE ACM SAMPLE LOCATION NUMBER



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 28 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



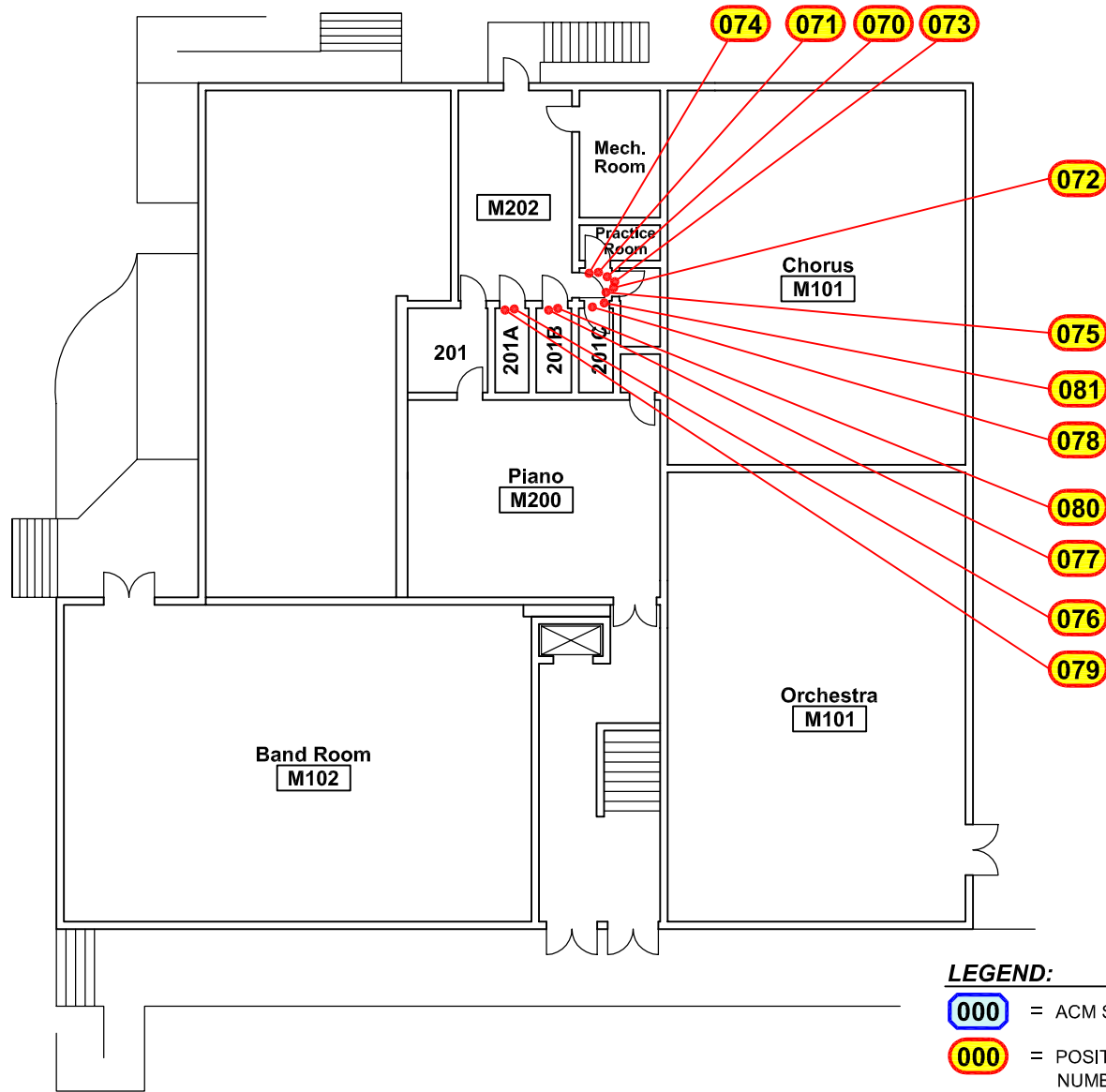
LEGEND:

- 000 = ACM SAMPLE LOCATION NUMBER
- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

Music Building Lower Level - Asbestos Survey
 NOT TO SCALE



Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405	PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 29 of 30
	REVIEW BY: P. COTA	DRAWN BY: DAW	
VATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781	



LEGEND:

- 000 = ACM SAMPLE LOCATION NUMBER
- 000 = POSITIVE ACM SAMPLE LOCATION NUMBER

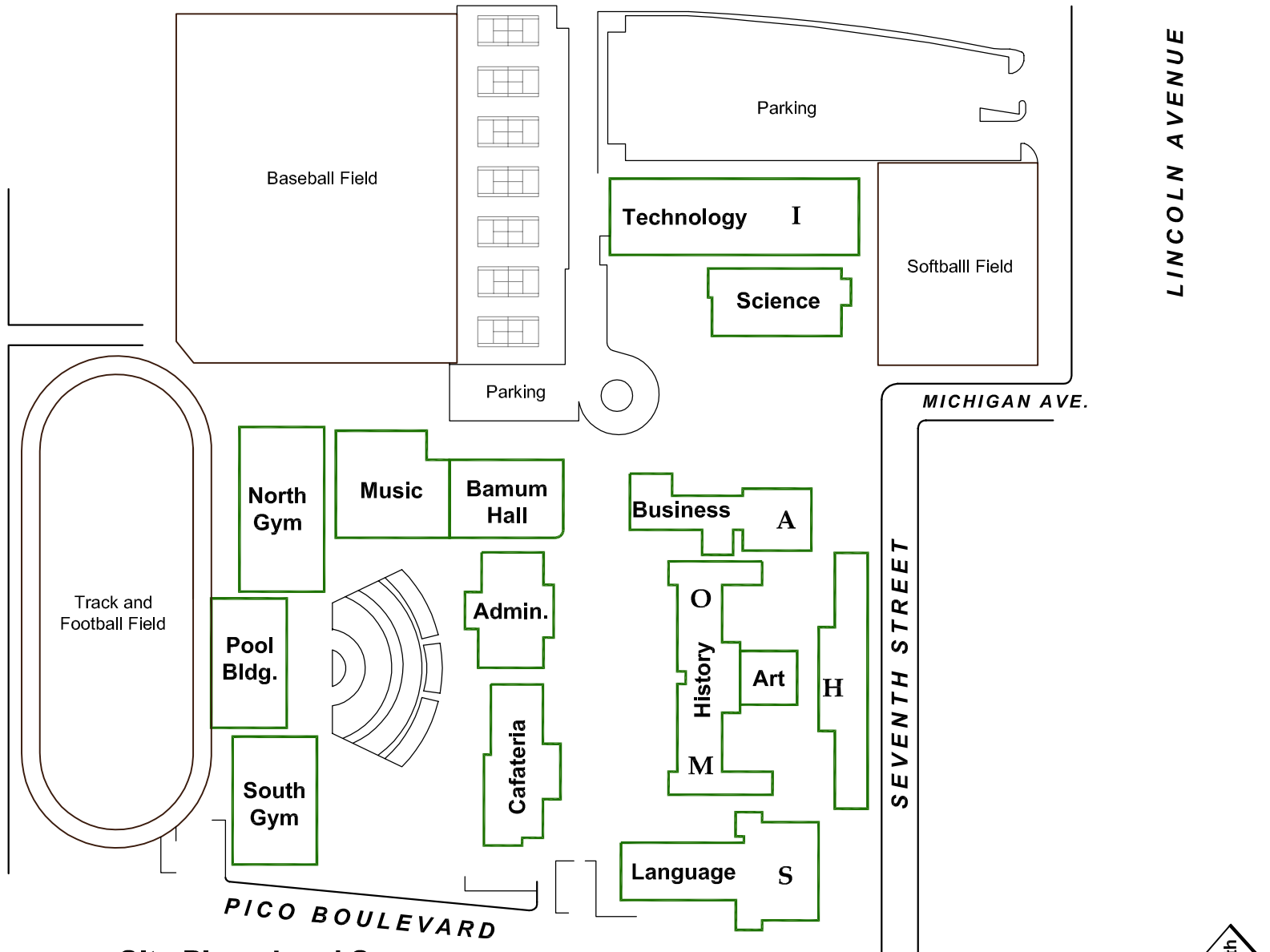
Music Building Upper Level - Asbestos Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 30 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
ATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755
Ph: (323) 517-9780 ***		Fax: (323) 517-9781

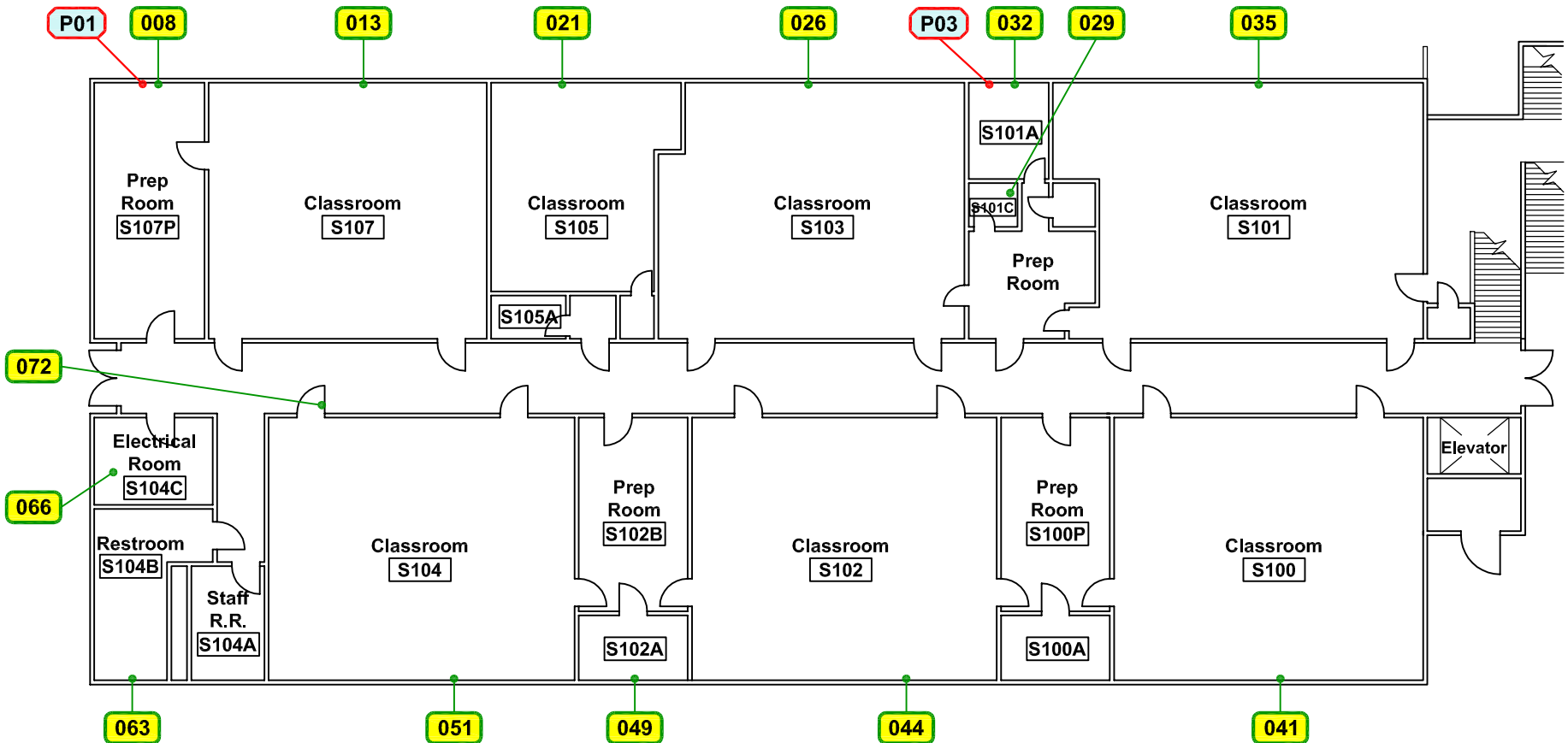


Site Plan - Lead Survey
NOT TO SCALE

Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	1 of 30

VATC ASSOCIATES INC. 25 Cupania Circle
 Monterey Park, CA 91755
 Ph: (323) 517-9780 *** Fax: (323) 517-9781



Science Building First Floor - Lead Survey

NOT TO SCALE

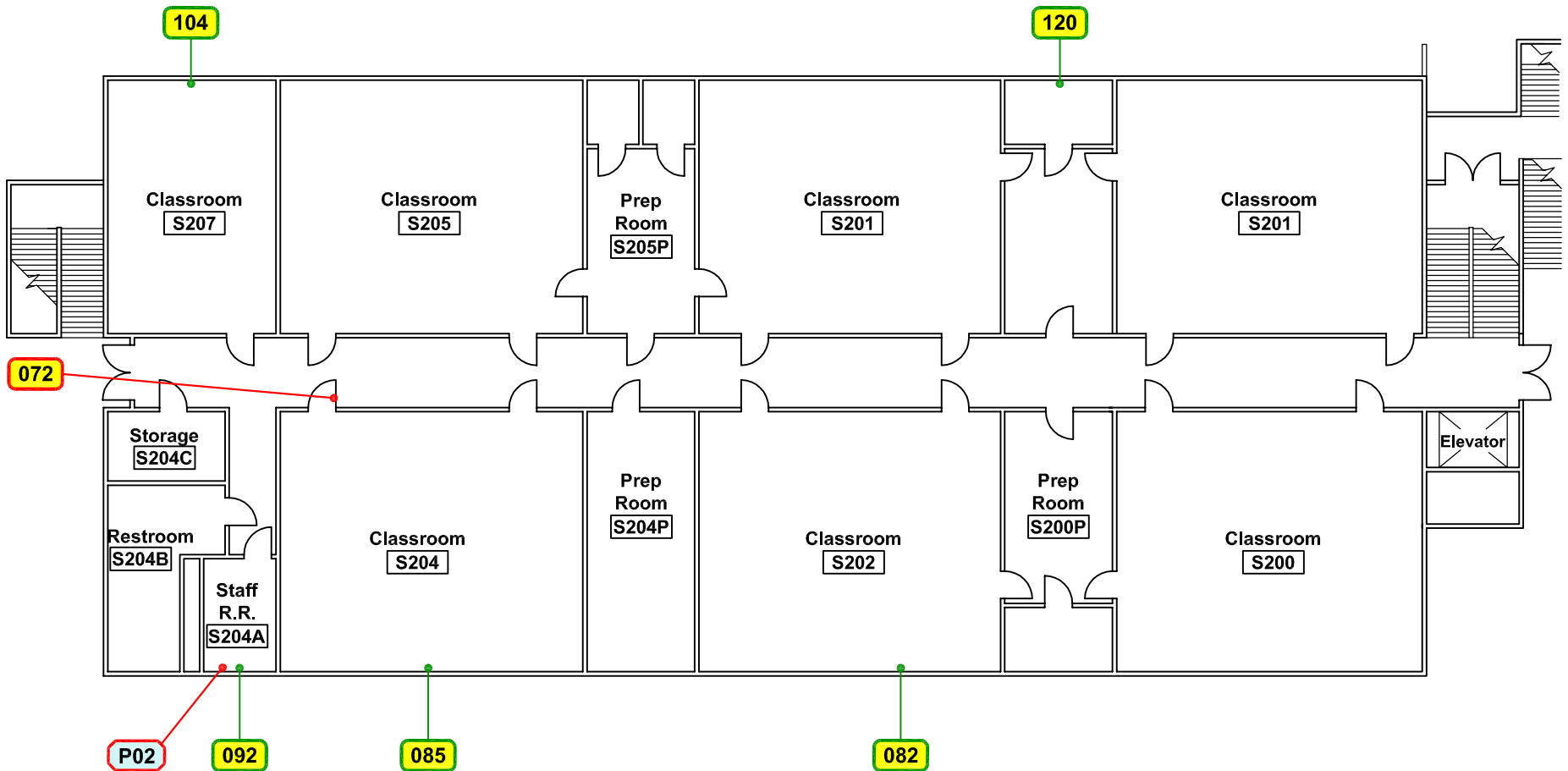


LEGEND:

- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS

Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 2 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
ATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755
Ph: (323) 517-9780 ***		Fax: (323) 517-9781



LEGEND:


- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS

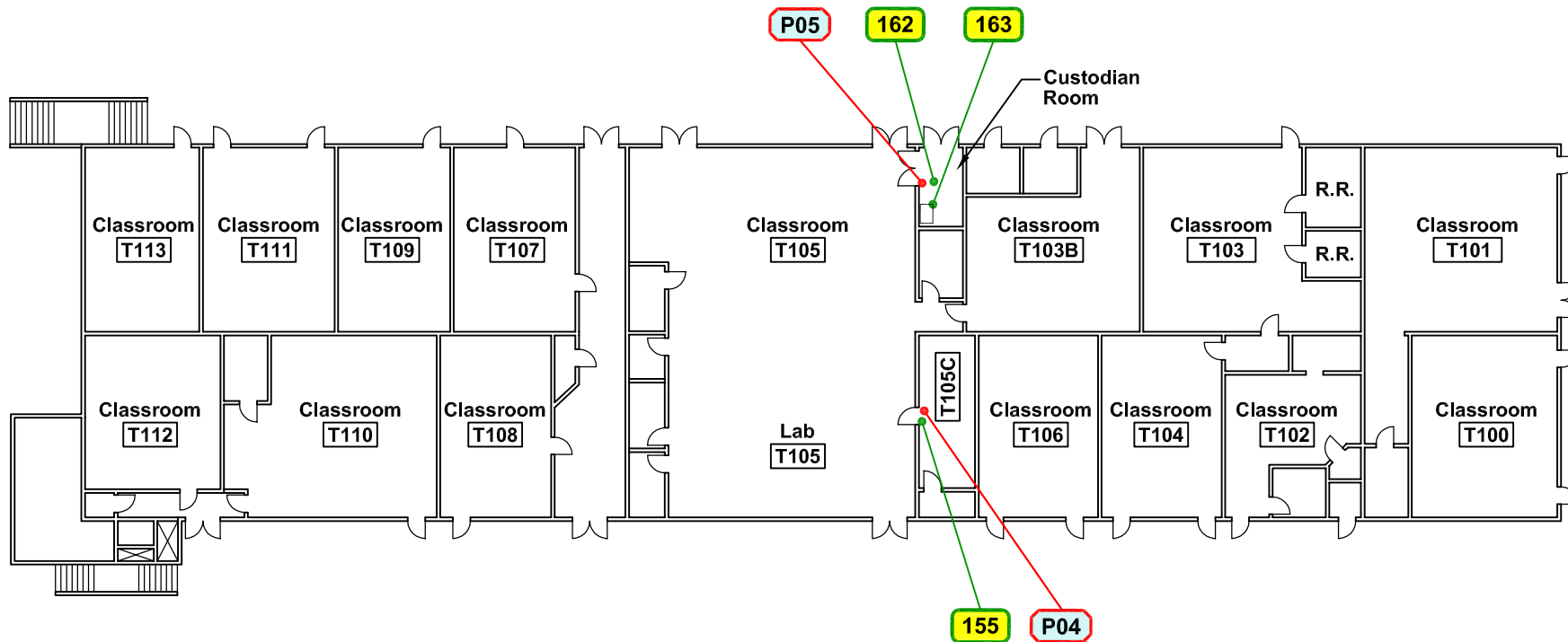
Science Building Second Floor - Lead Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	3 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
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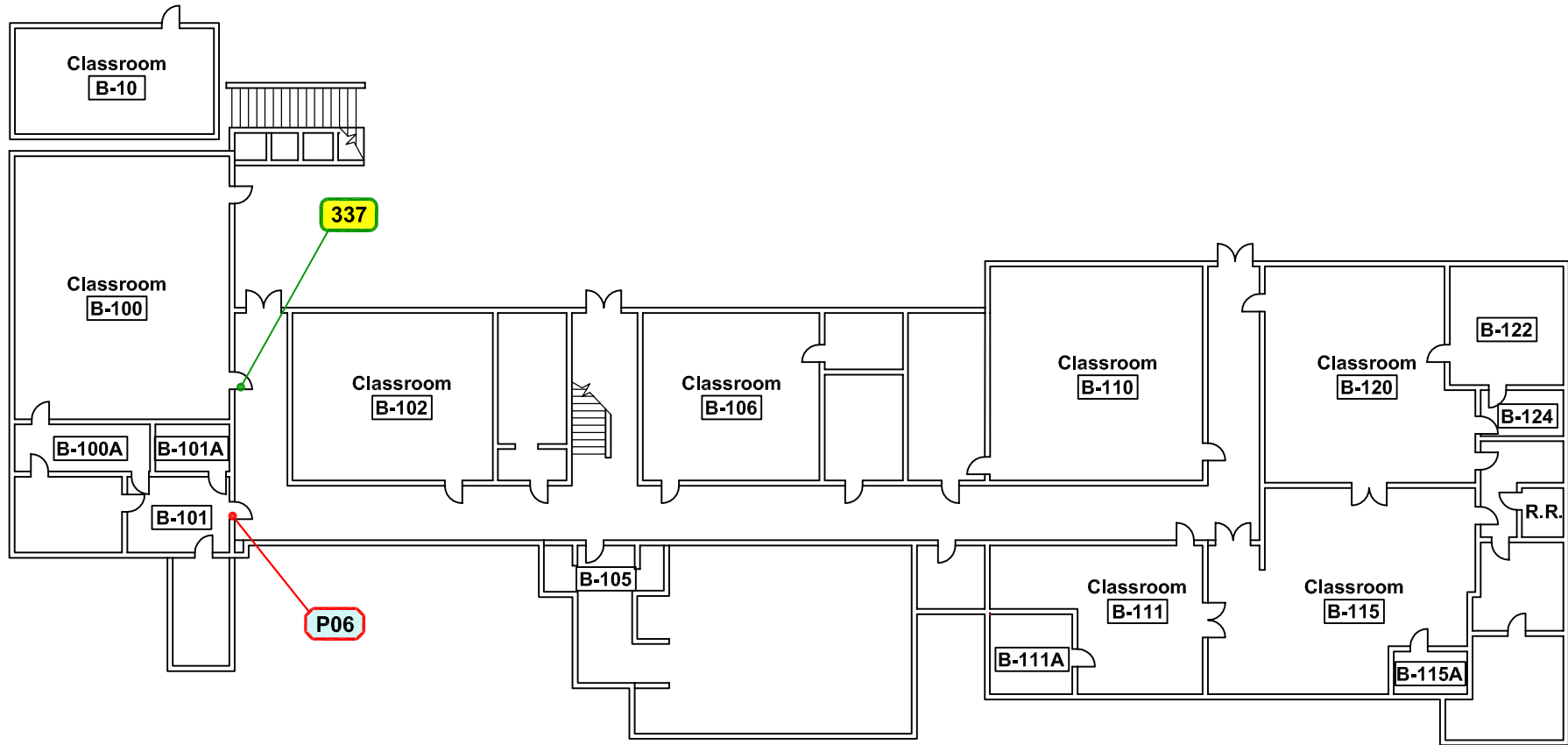
Technology Building First Floor - Lead Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	4 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		




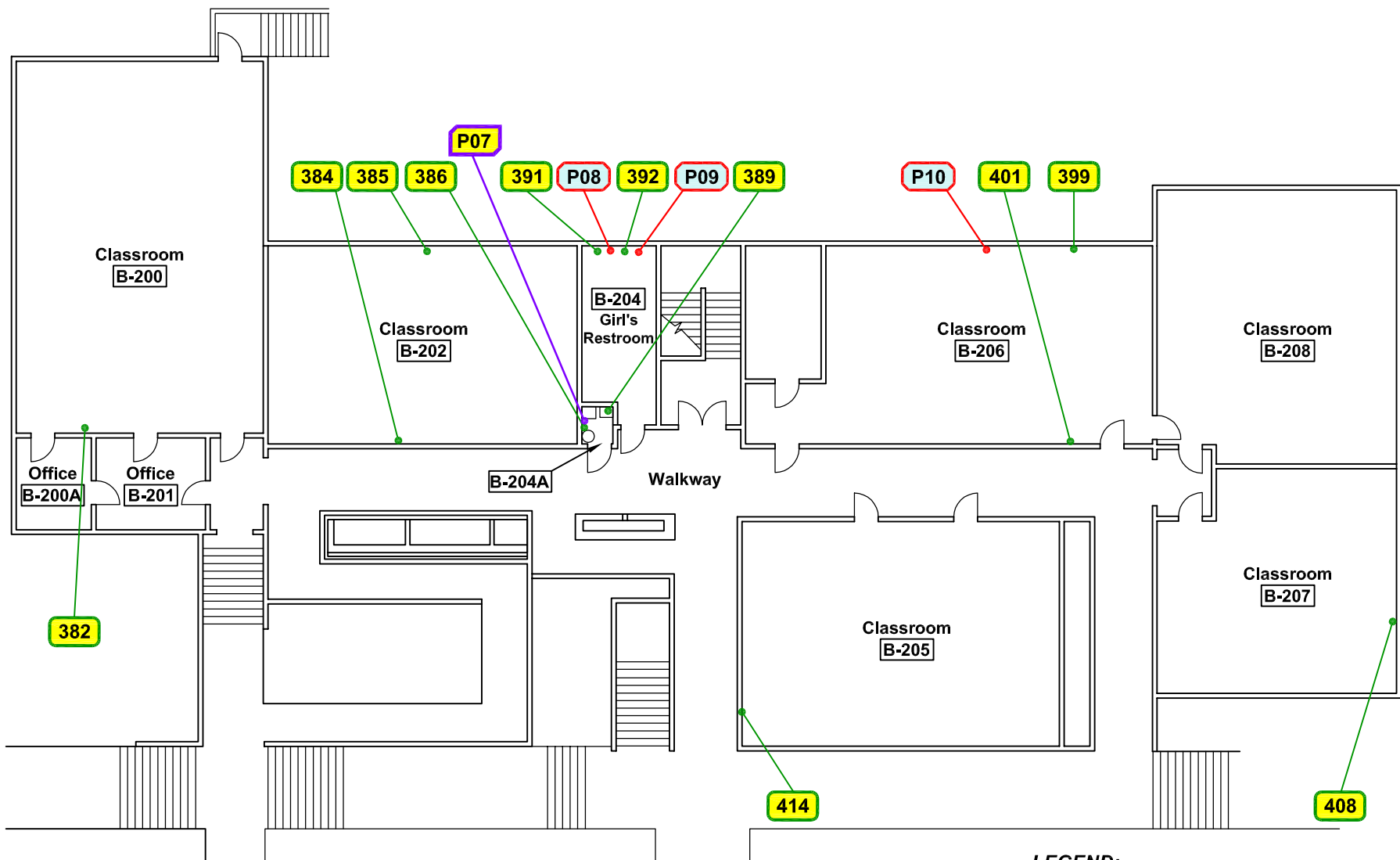
- LEGEND:**
- P00 = LEAD BULK LOCATIONS
 - P00 = POSITIVE LEAD BULK LOCATIONS
 - 000 = XRF POSITIVE LOCATIONS

Business Building First Floor - Lead Survey
 NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	5 of 30
 VATC 25 Cupania Circle ASSOCIATES INC. Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:

- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS

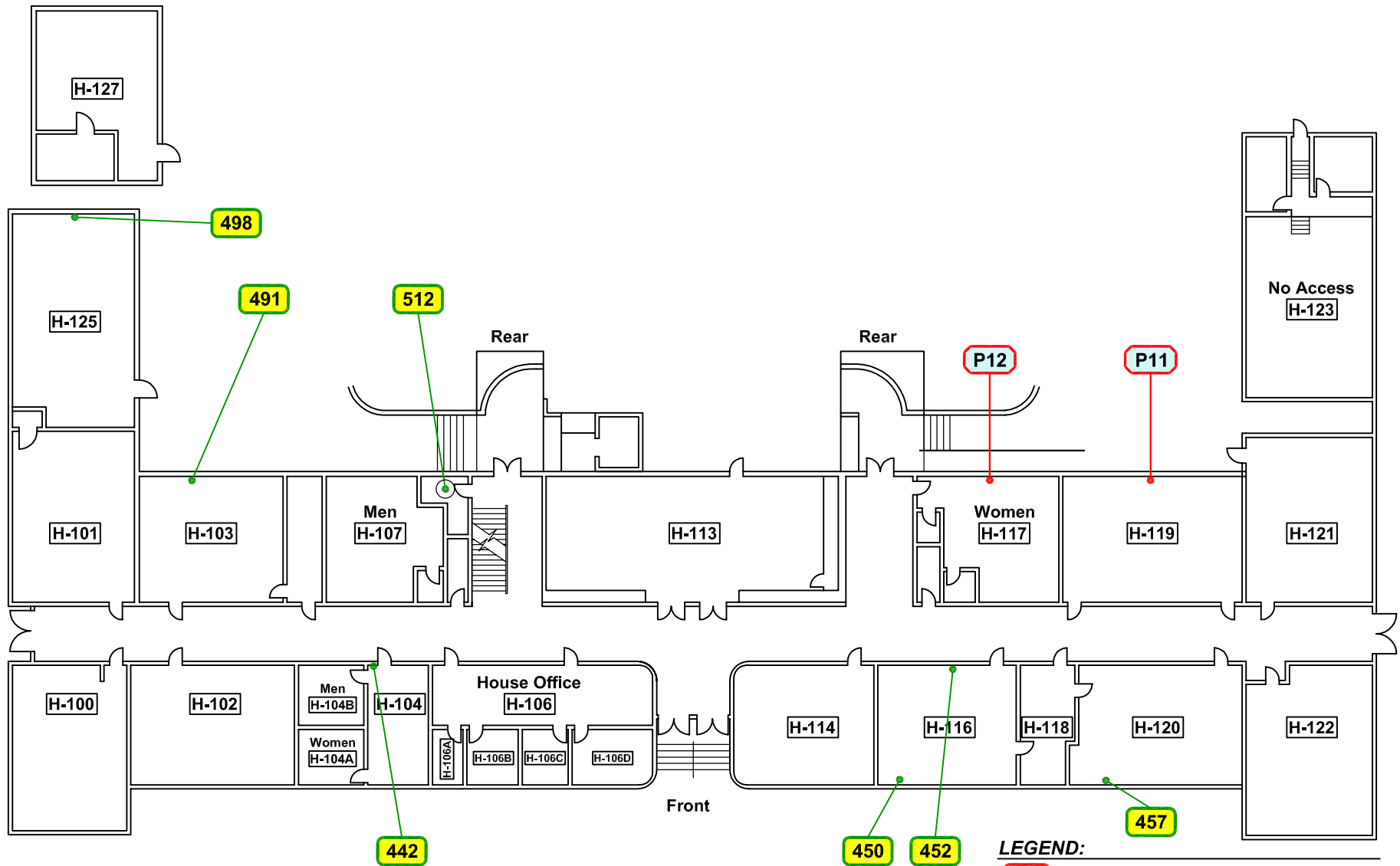


Business Building Second Floor - Lead Survey

NOT TO SCALE

**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 6 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
VATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755
Ph: (323) 517-9780		*** Fax: (323) 517-9781



History Building First Floor - Lead Survey


NOT TO SCALE

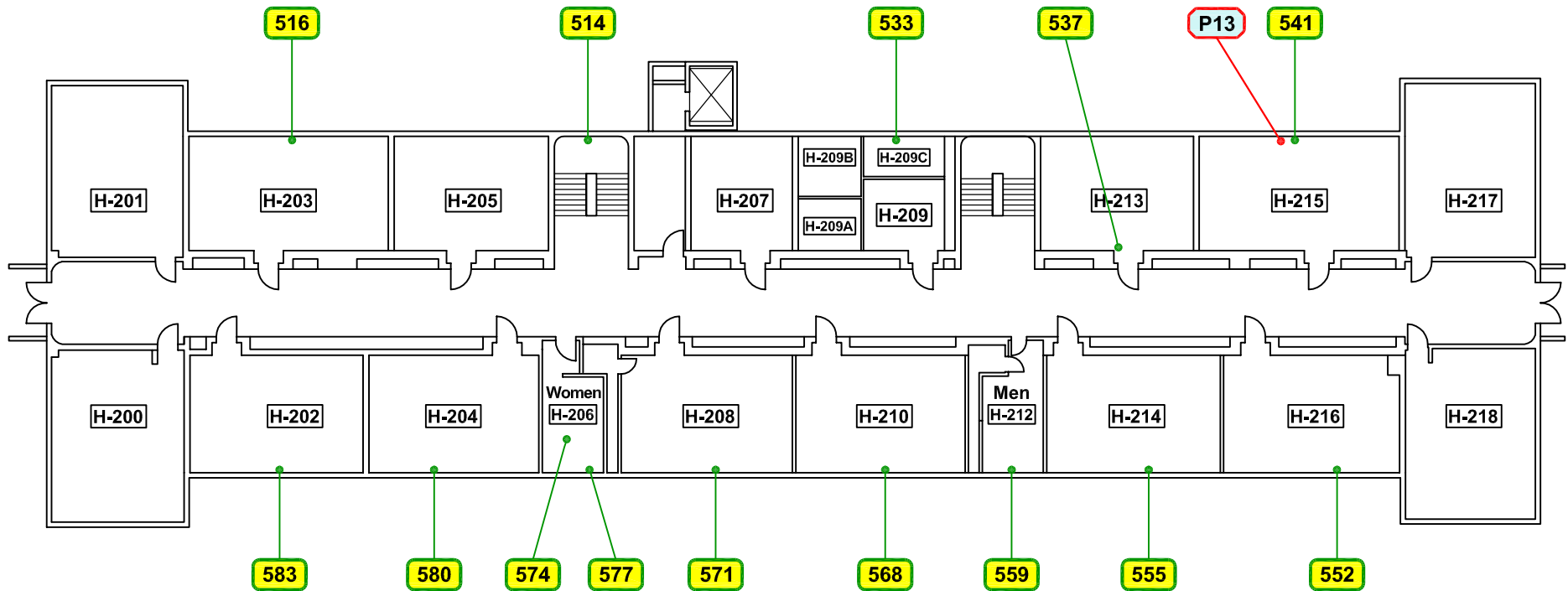
LEGEND:

- P00 = LEAD BULK LOCATIONS
- P01 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	7 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS

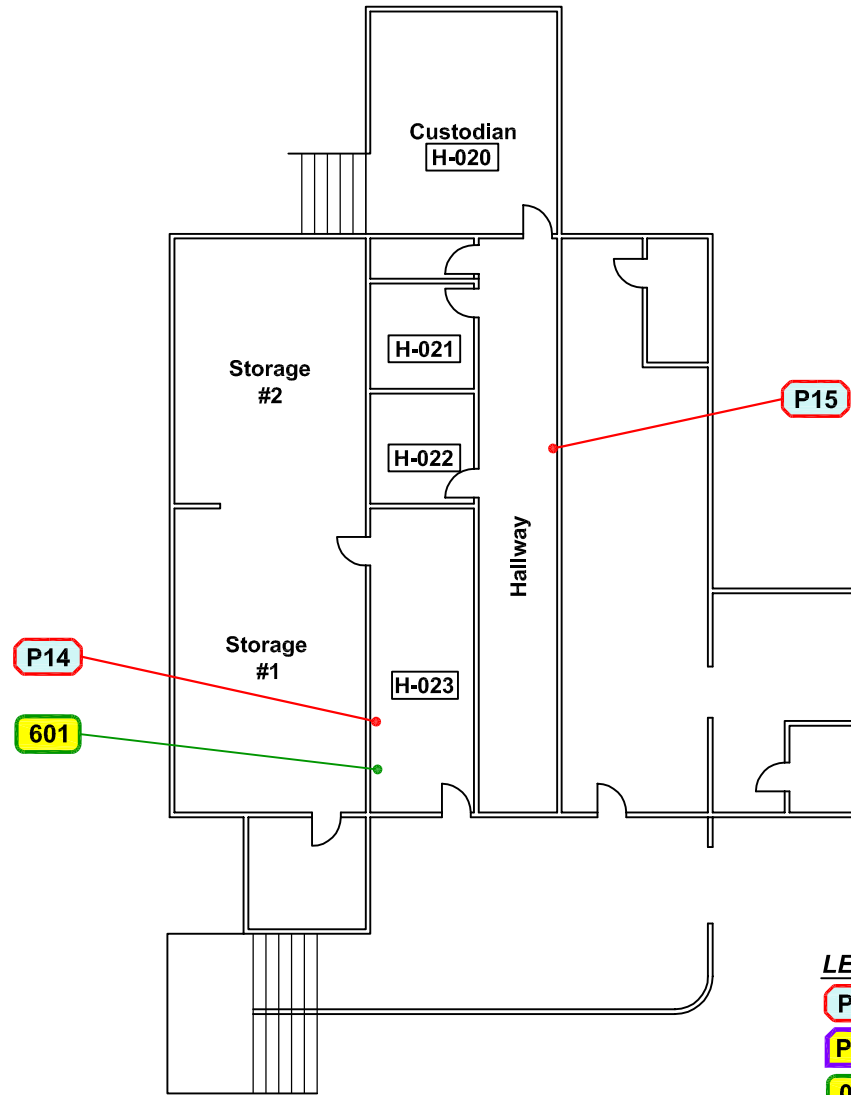
History Building Second Floor - Lead Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	8 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



History Building Basement - Lead Survey


NOT TO SCALE

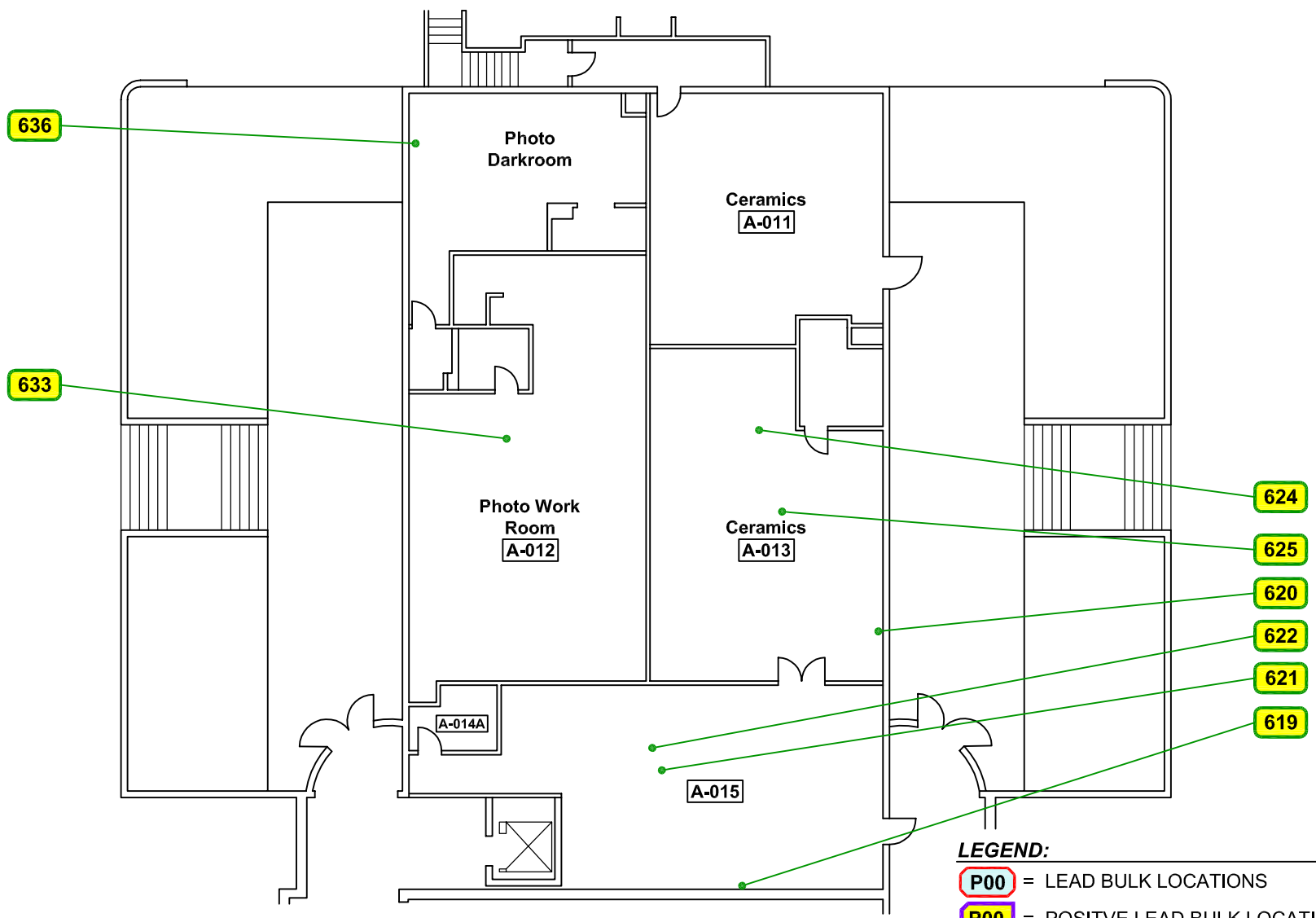
LEGEND:

- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	9 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		

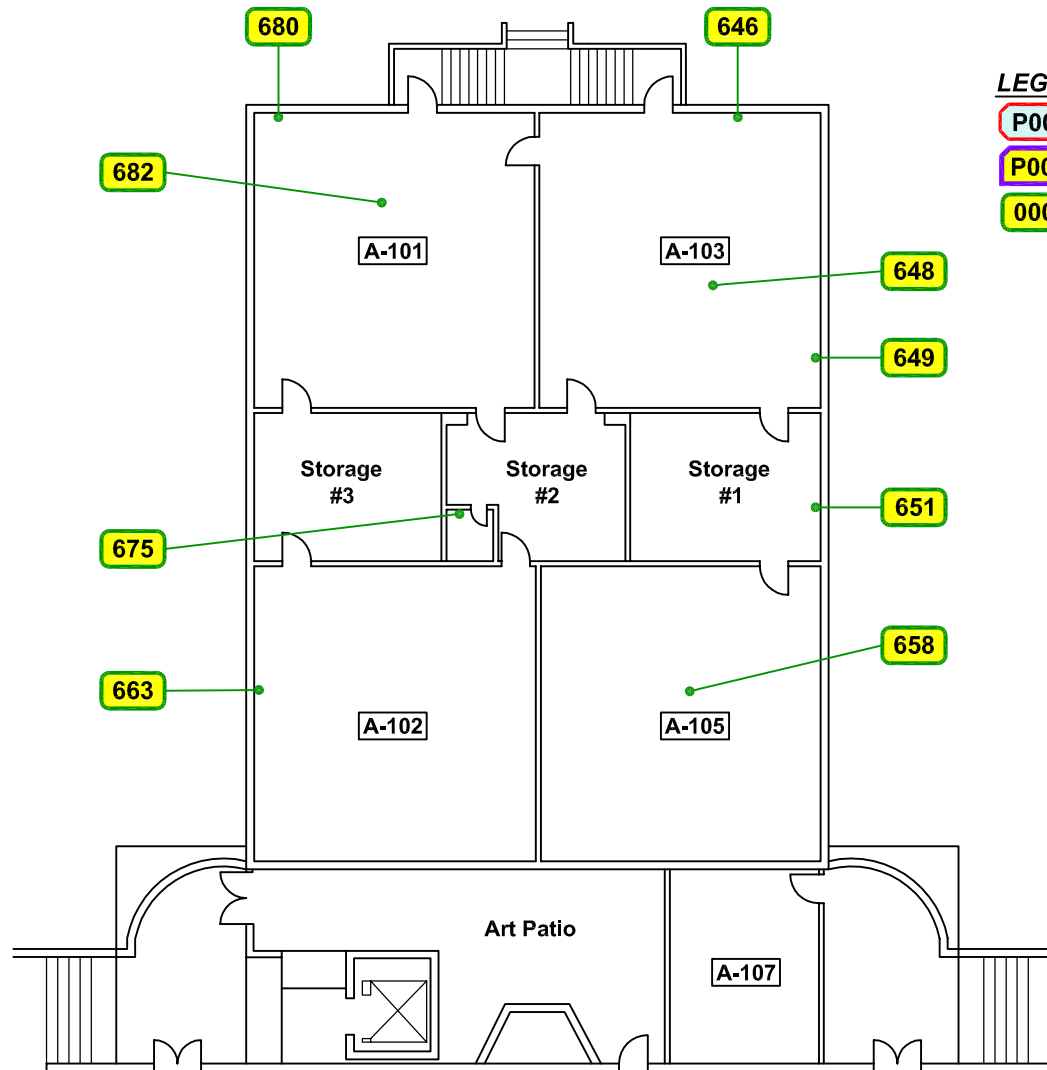


Art Building Downstairs - Lead Survey
 NOT TO SCALE

- LEGEND:**
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Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405	PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
	REVIEW BY: P. COTA	DRAWN BY: DAW	10 of 30
ATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781	



LEGEND:


- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS

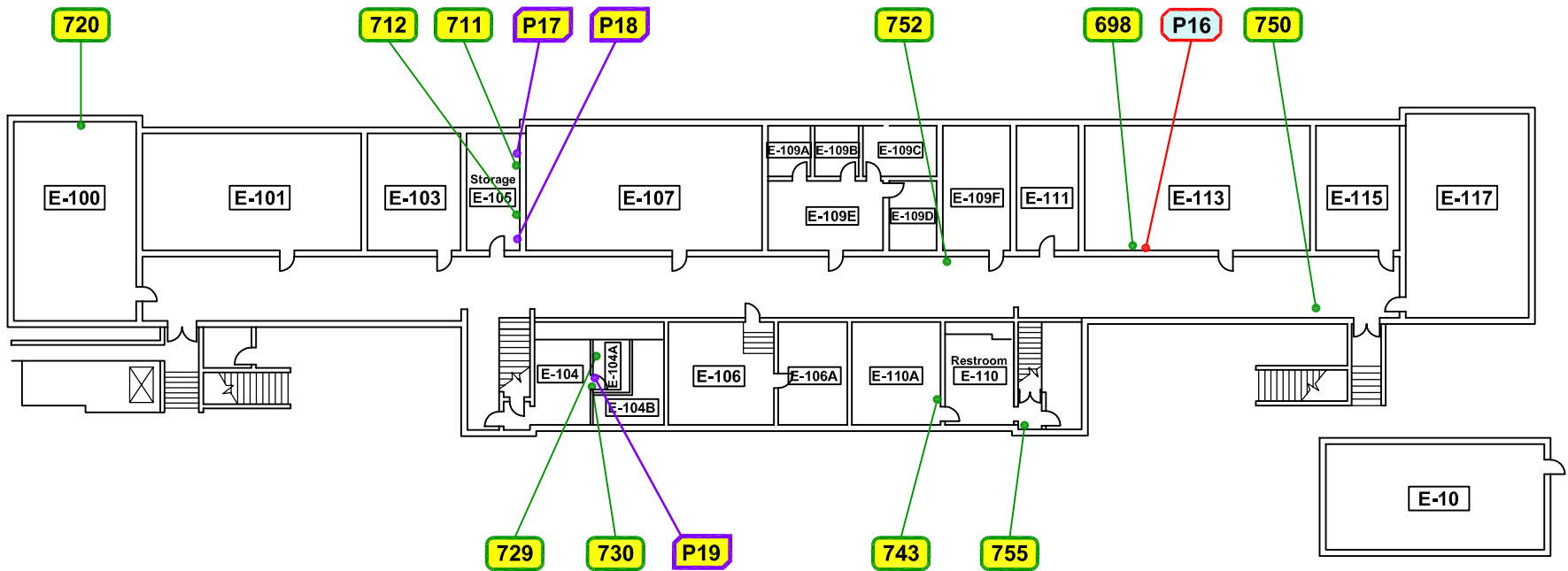
Art Building Upstairs - Lead Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	11 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


- P00 = LEAD BULK LOCATIONS
- P01 = POSITIVE LEAD BULK LOCATIONS
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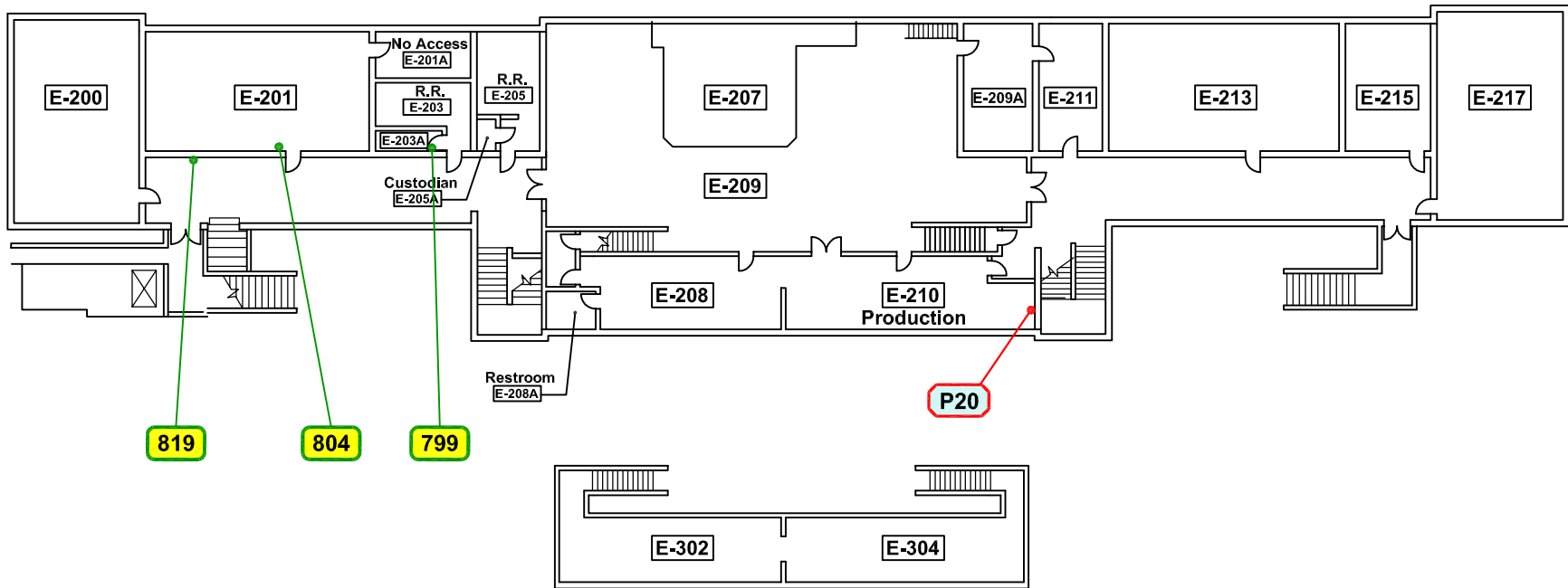
English Building First Floor - Lead Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	12 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



Third Floor

LEGEND:


- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS

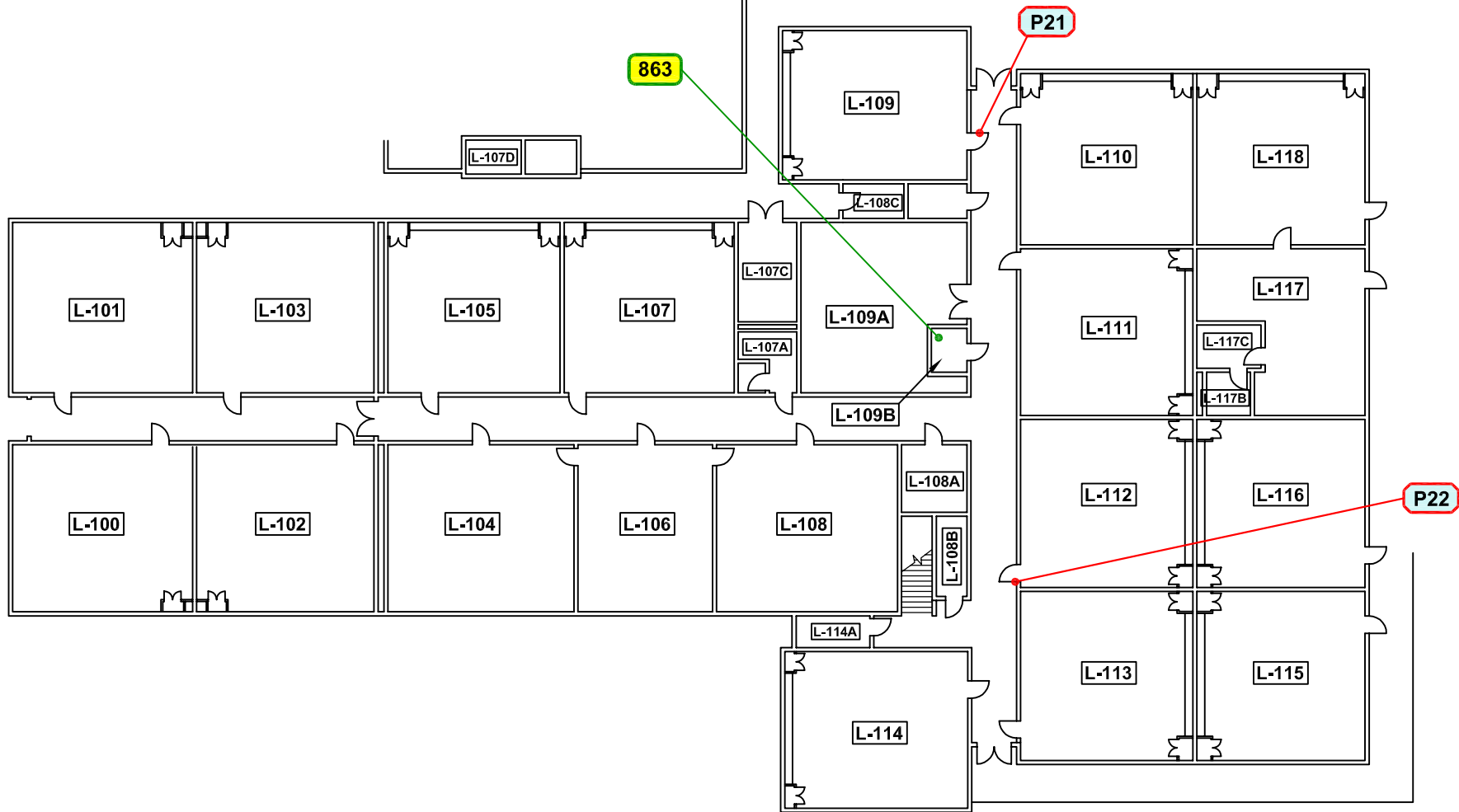
English Building Second Floor - Lead Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	13 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		




LEGEND:

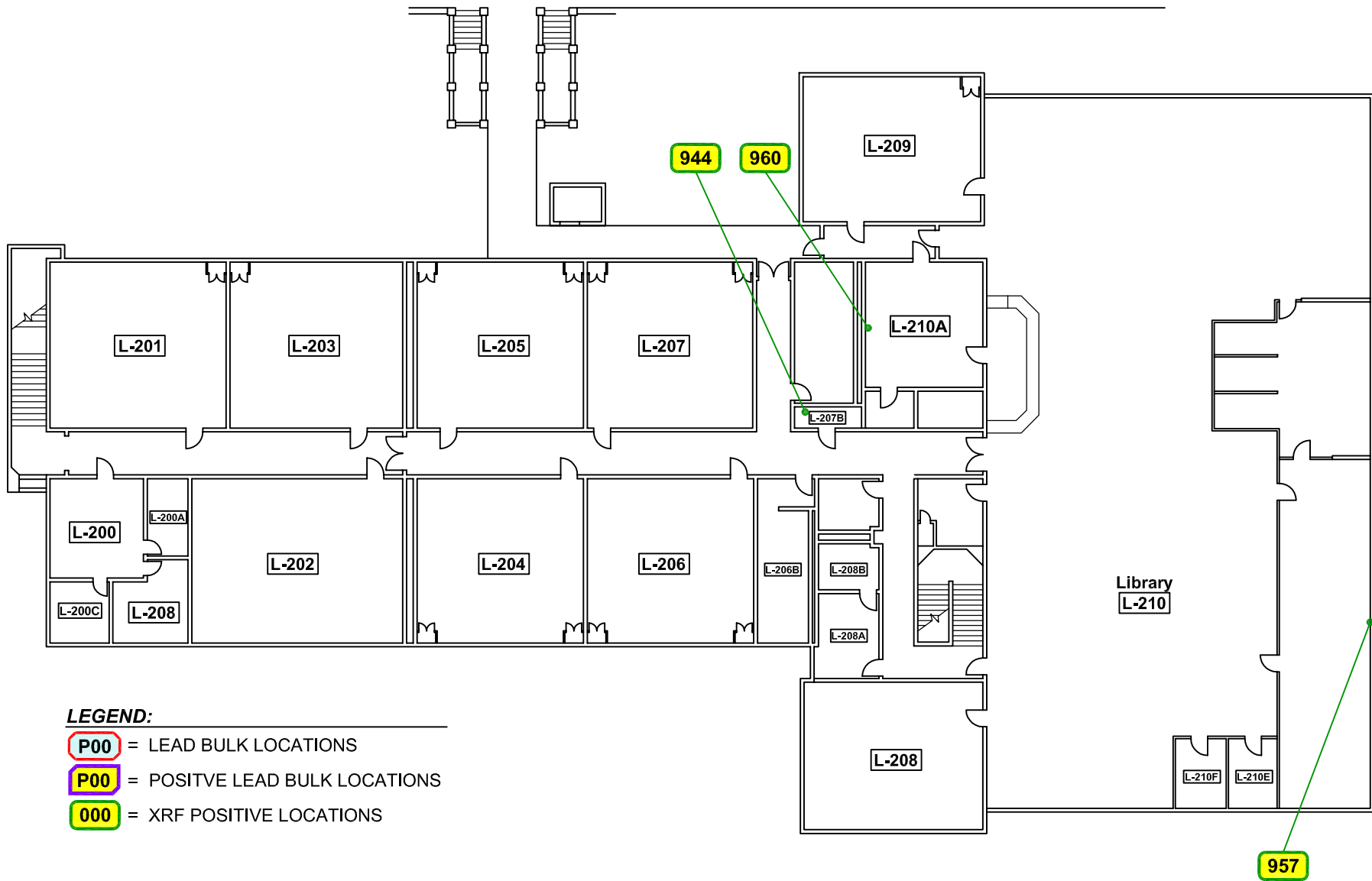
- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS



Language Building First Floor - Lead Survey
NOT TO SCALE

Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	14 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS

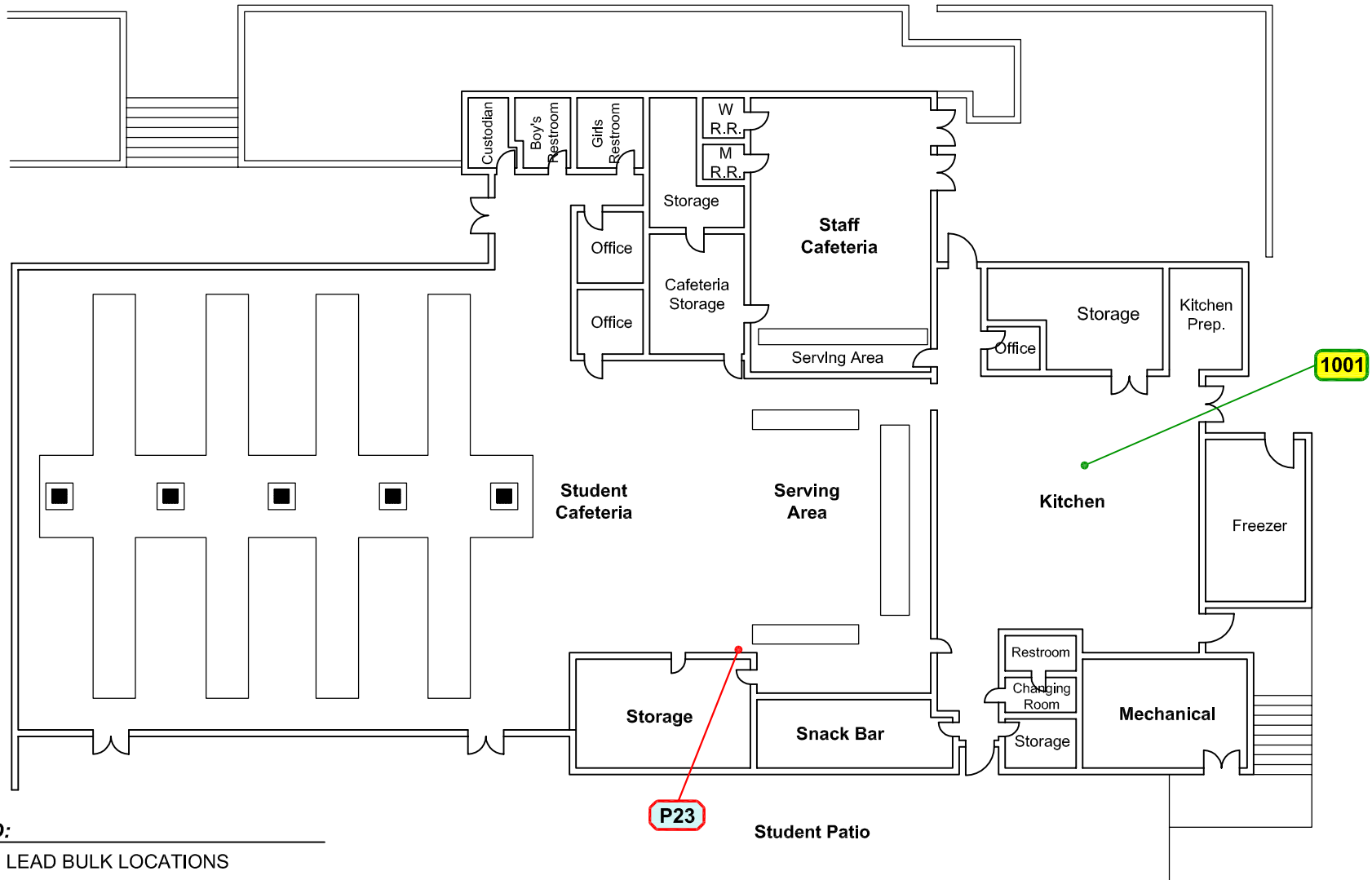
Language Building Second Floor - Lead Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 15 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


- P00** = LEAD BULK LOCATIONS
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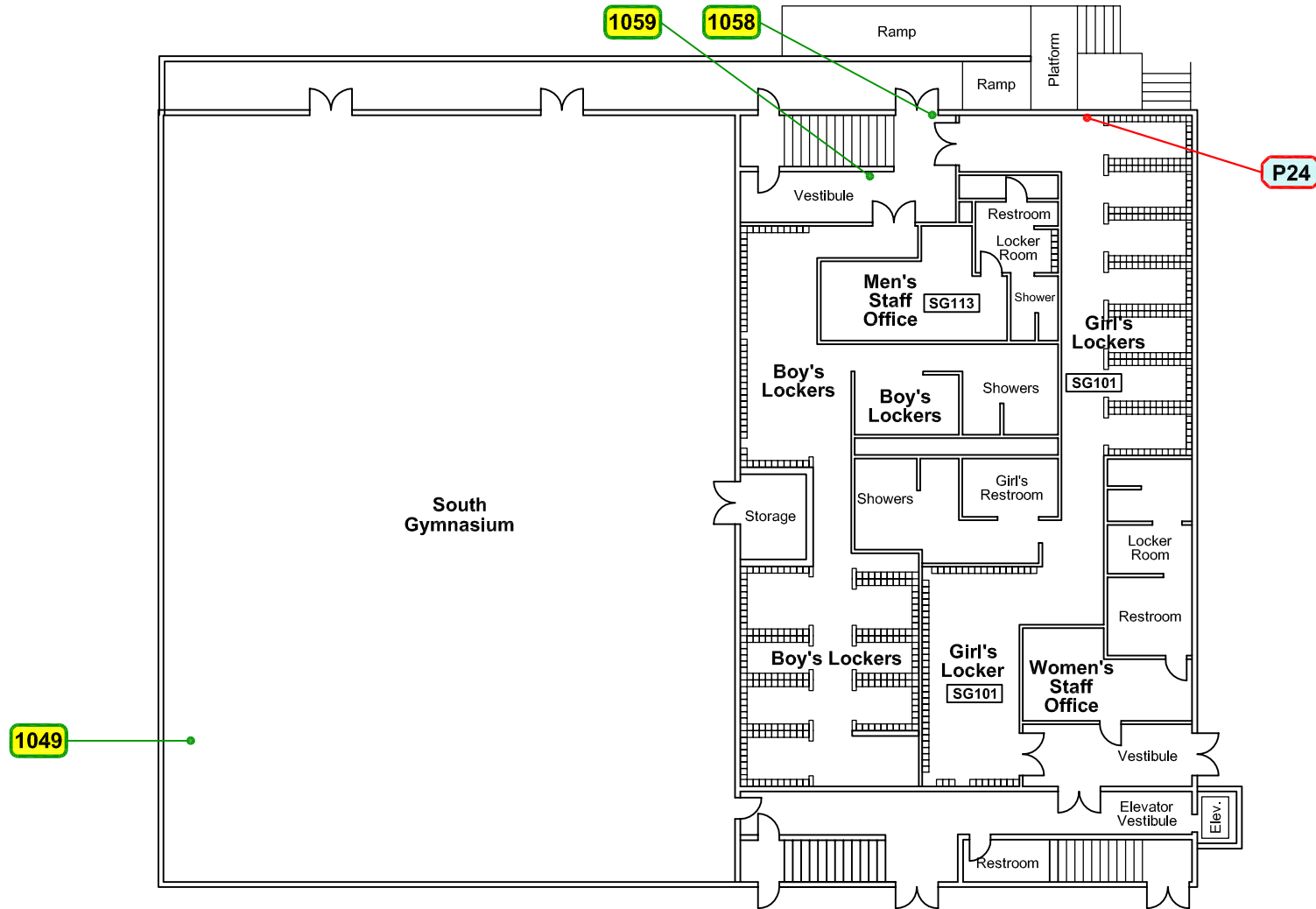
Cafeteria Building - Lead Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	16 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


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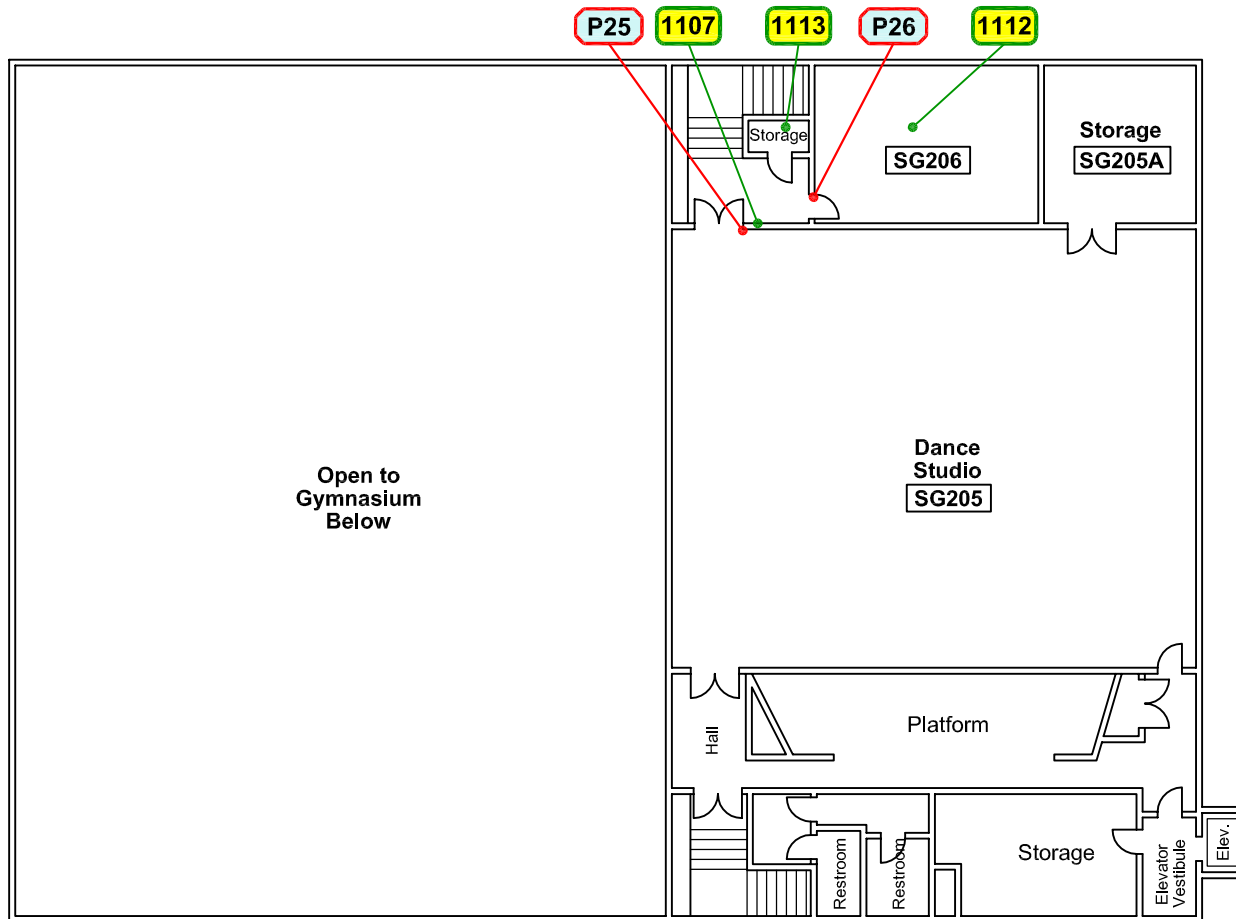


South Gym First Floor - Lead Survey

NOT TO SCALE

**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	17 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


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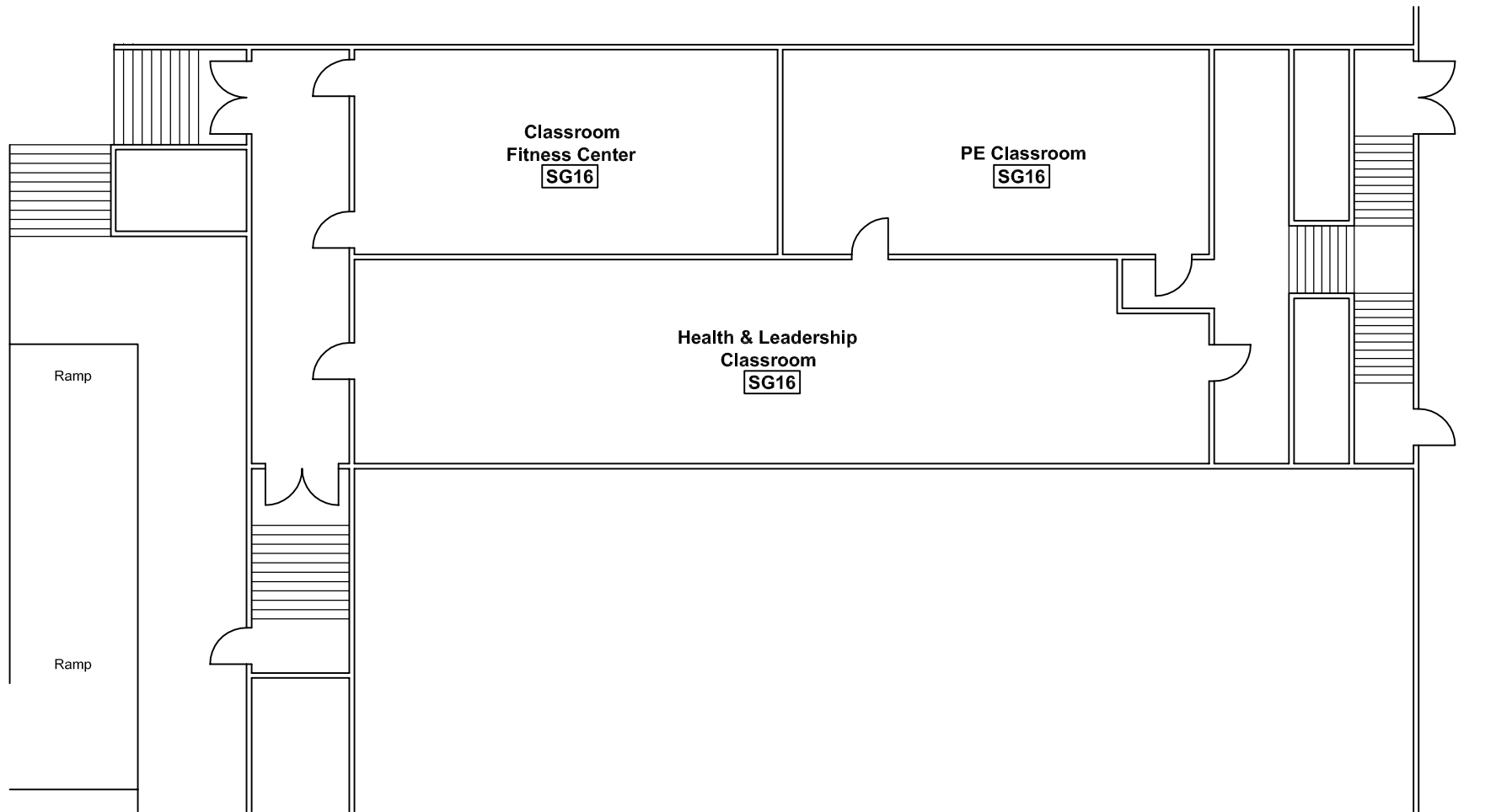
South Gym Second Floor - Lead Survey

NOT TO SCALE



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	18 of 30
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


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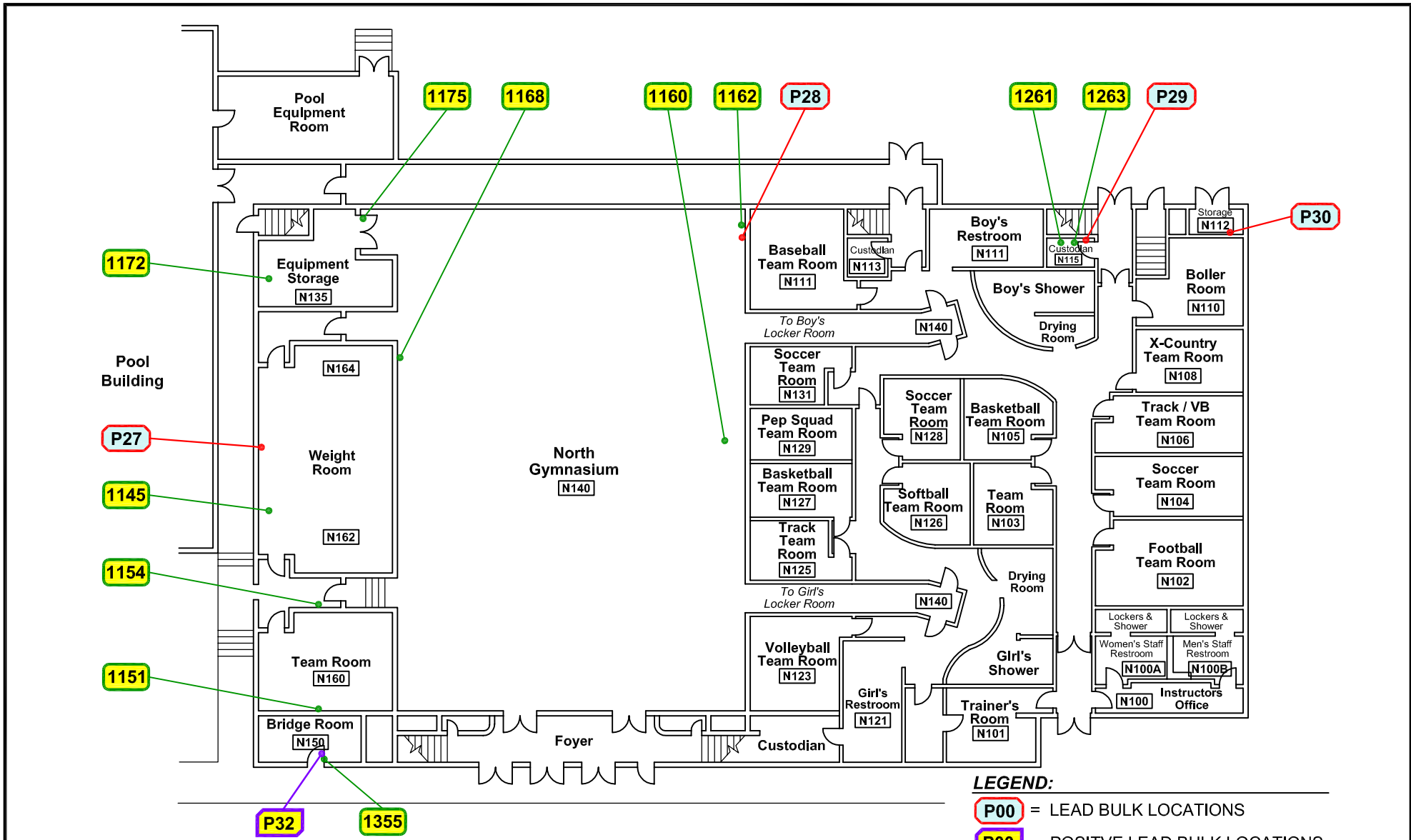
South Gym Basement - Lead Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	19 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



North Gym First Floor - Lead Survey

NOT TO SCALE

LEGEND:

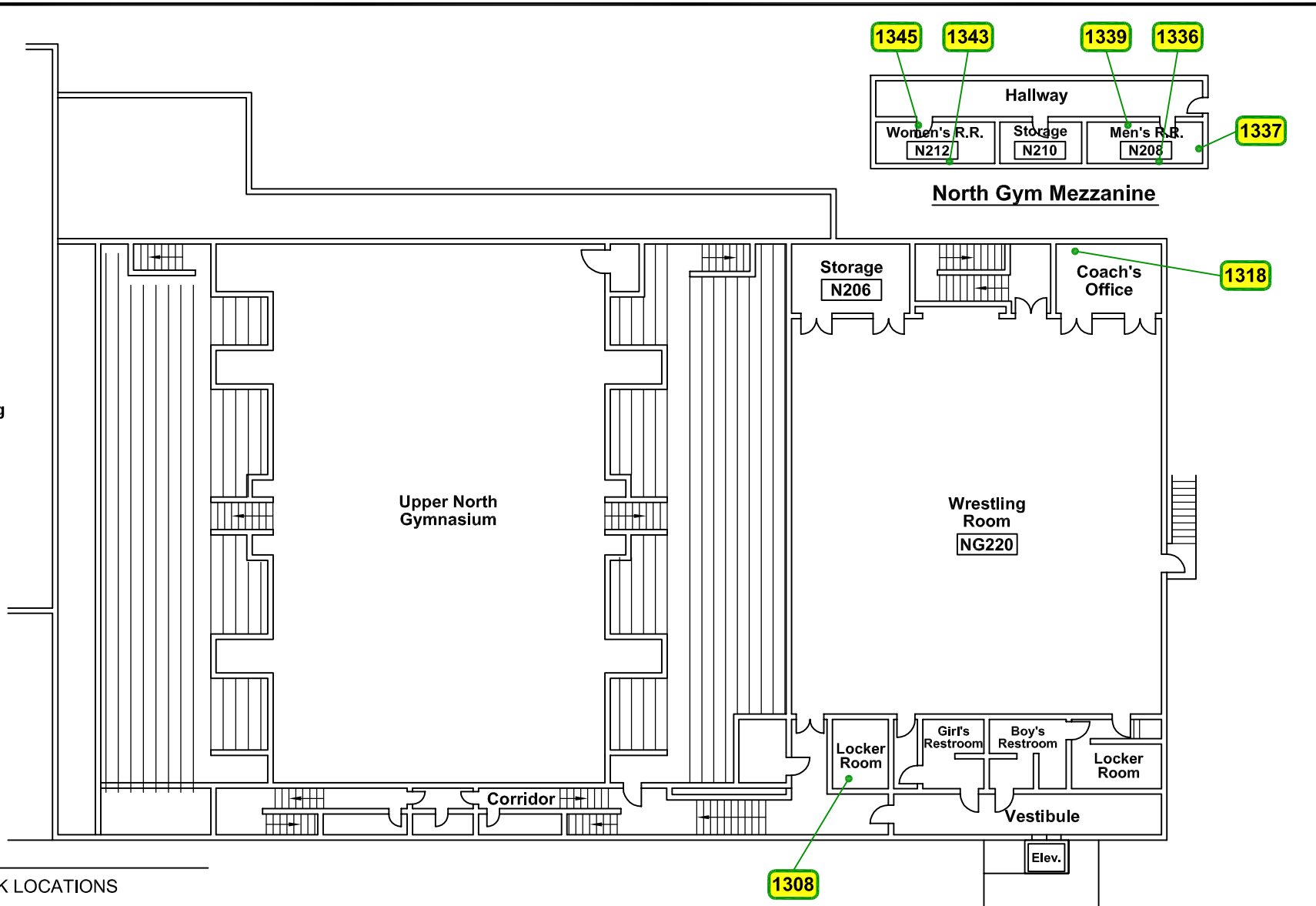
- P00 = LEAD BULK LOCATIONS
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Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 20 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
ATC ASSOCIATES INC.		25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781

Pool Building



LEGEND:


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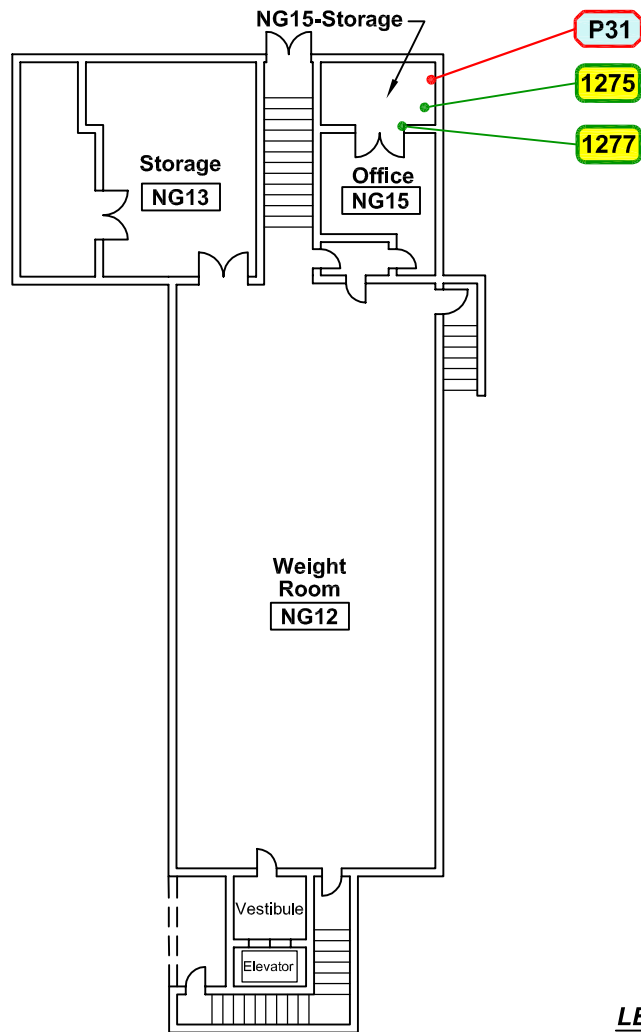
North Gym Second Floor - Lead Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING 21 of 30
REVIEW BY: P. COTA	DRAWN BY: DAW	
 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:


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- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS

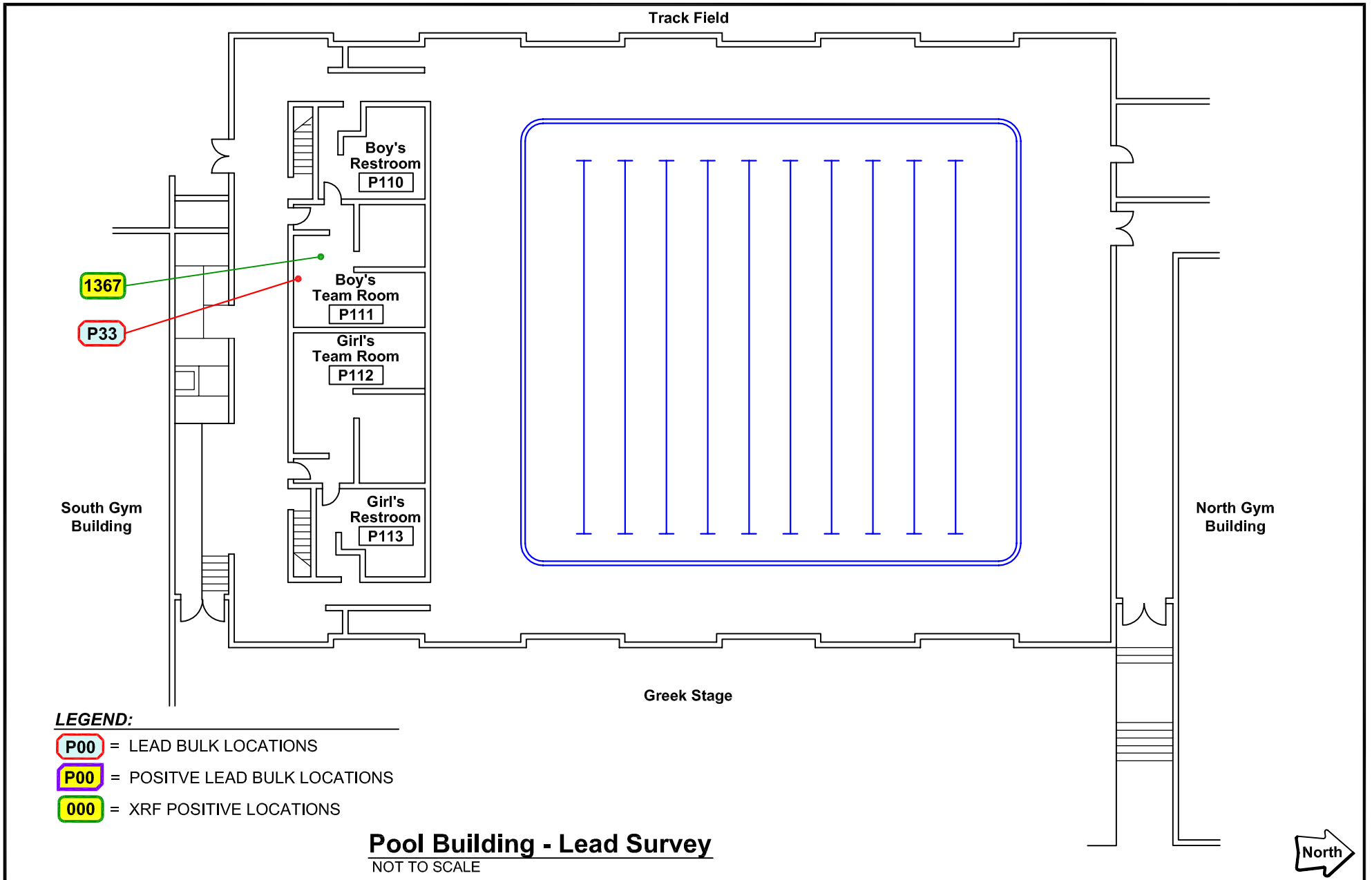
North Gym Basement - Lead Survey

NOT TO SCALE



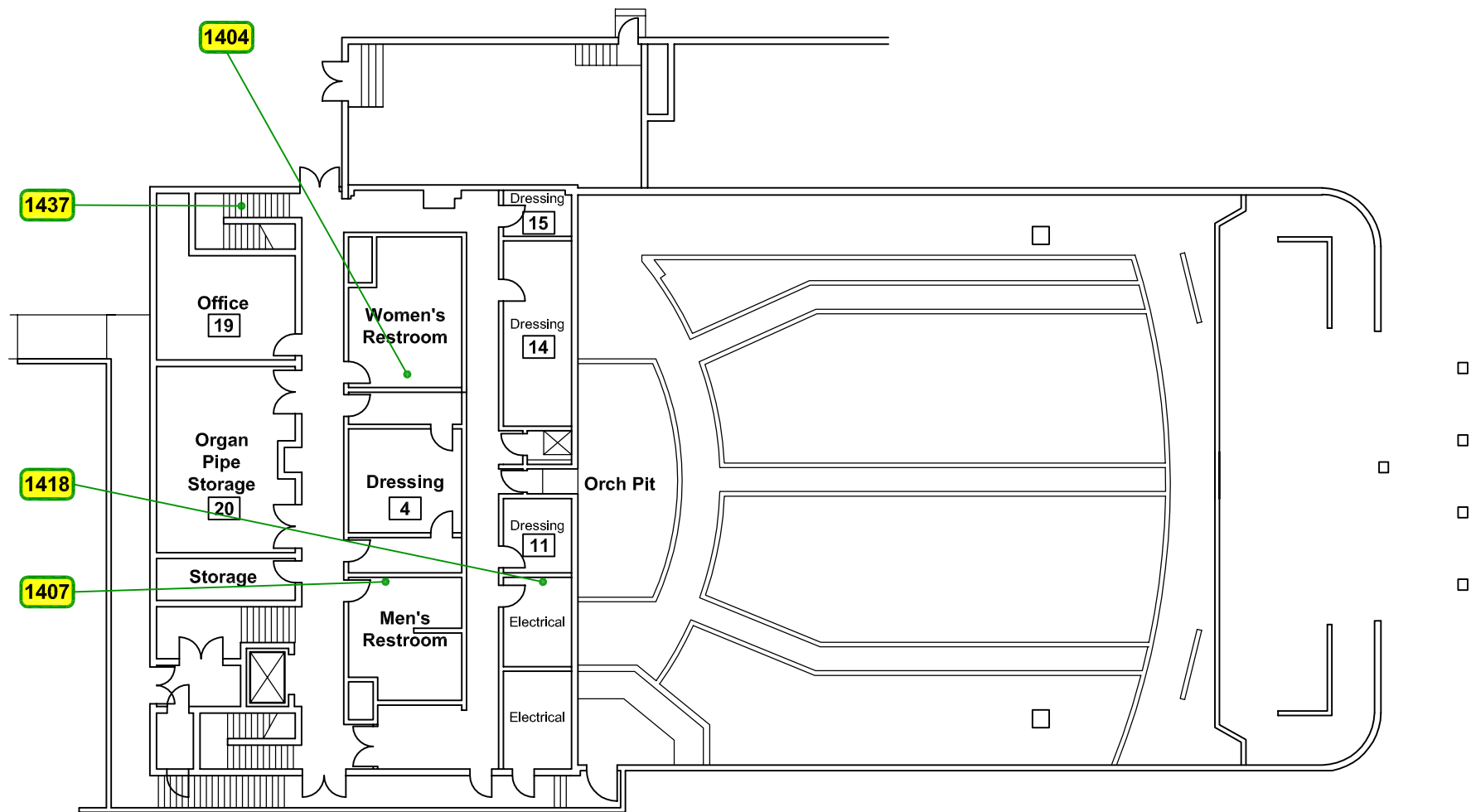
**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	22 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	23 of 30
VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



LEGEND:

- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS



Barnum Hall Basement - Lead Survey

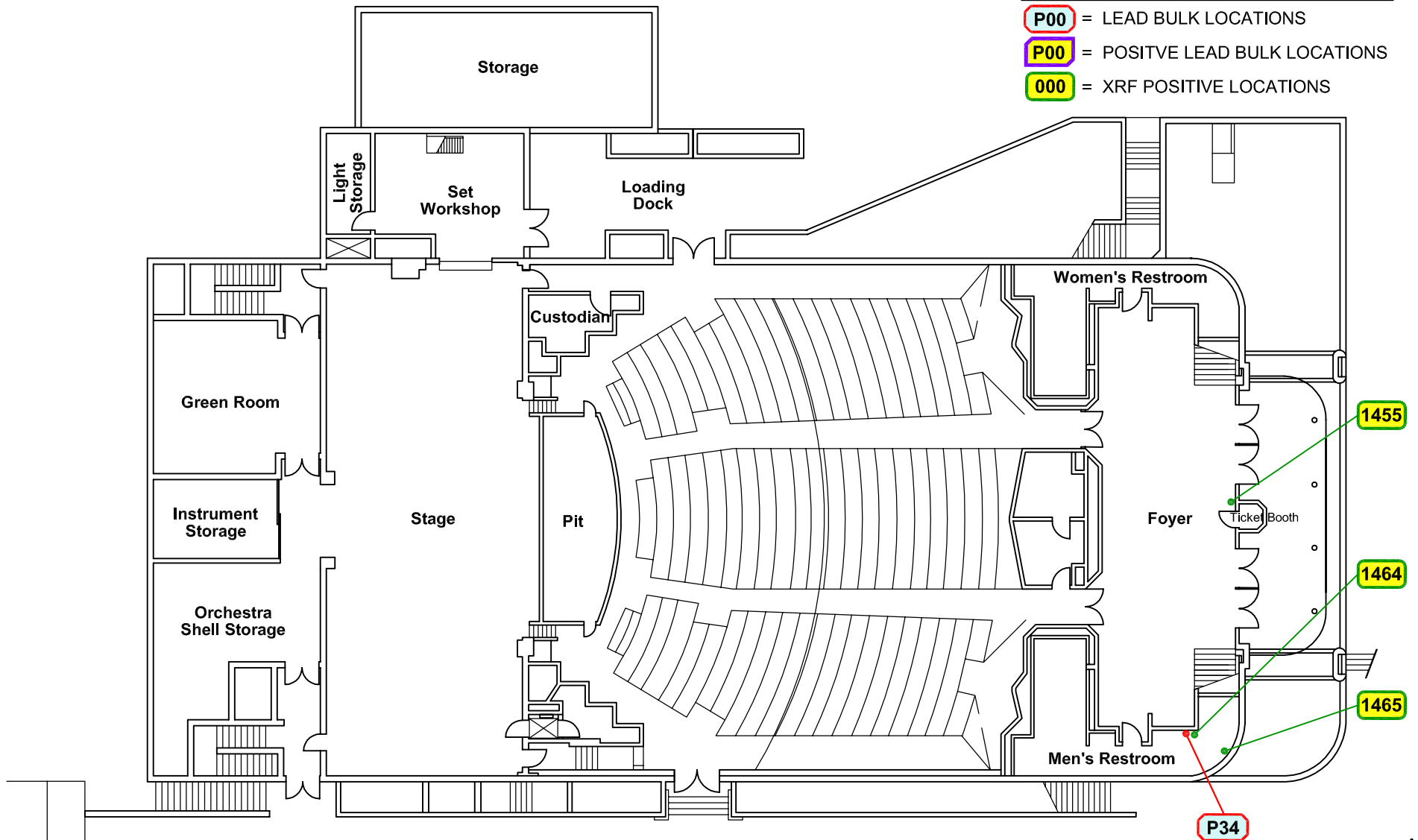
NOT TO SCALE

**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	24 of 30
VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		

LEGEND:

- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS



Barnum Hall First Floor - Lead Survey

NOT TO SCALE

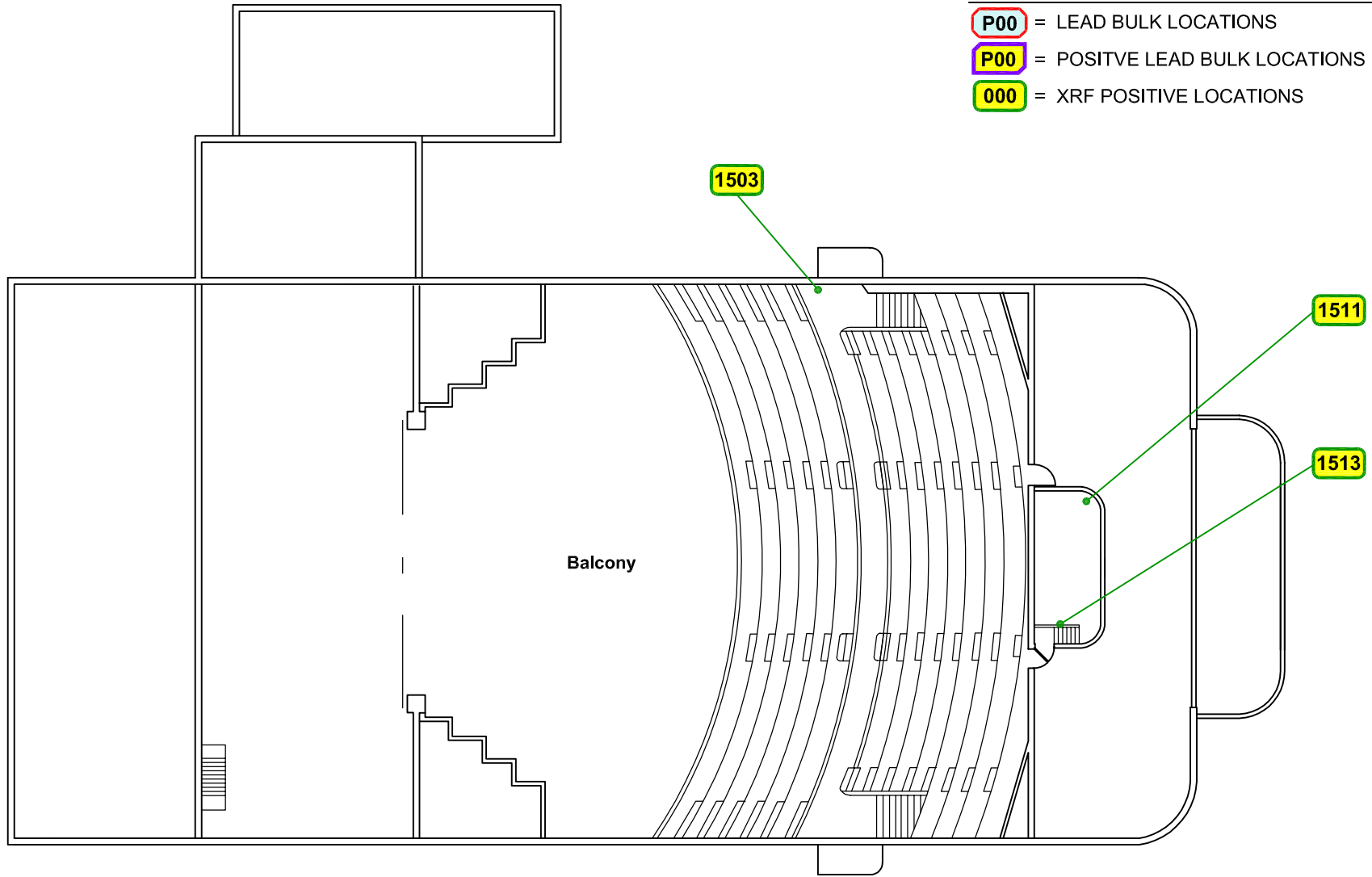
**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	25 of 30

ATC ASSOCIATES INC. 25 Cupania Circle
 Monterey Park, CA 91755
 Ph: (323) 517-9780 *** Fax: (323) 517-9781

LEGEND:

- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS




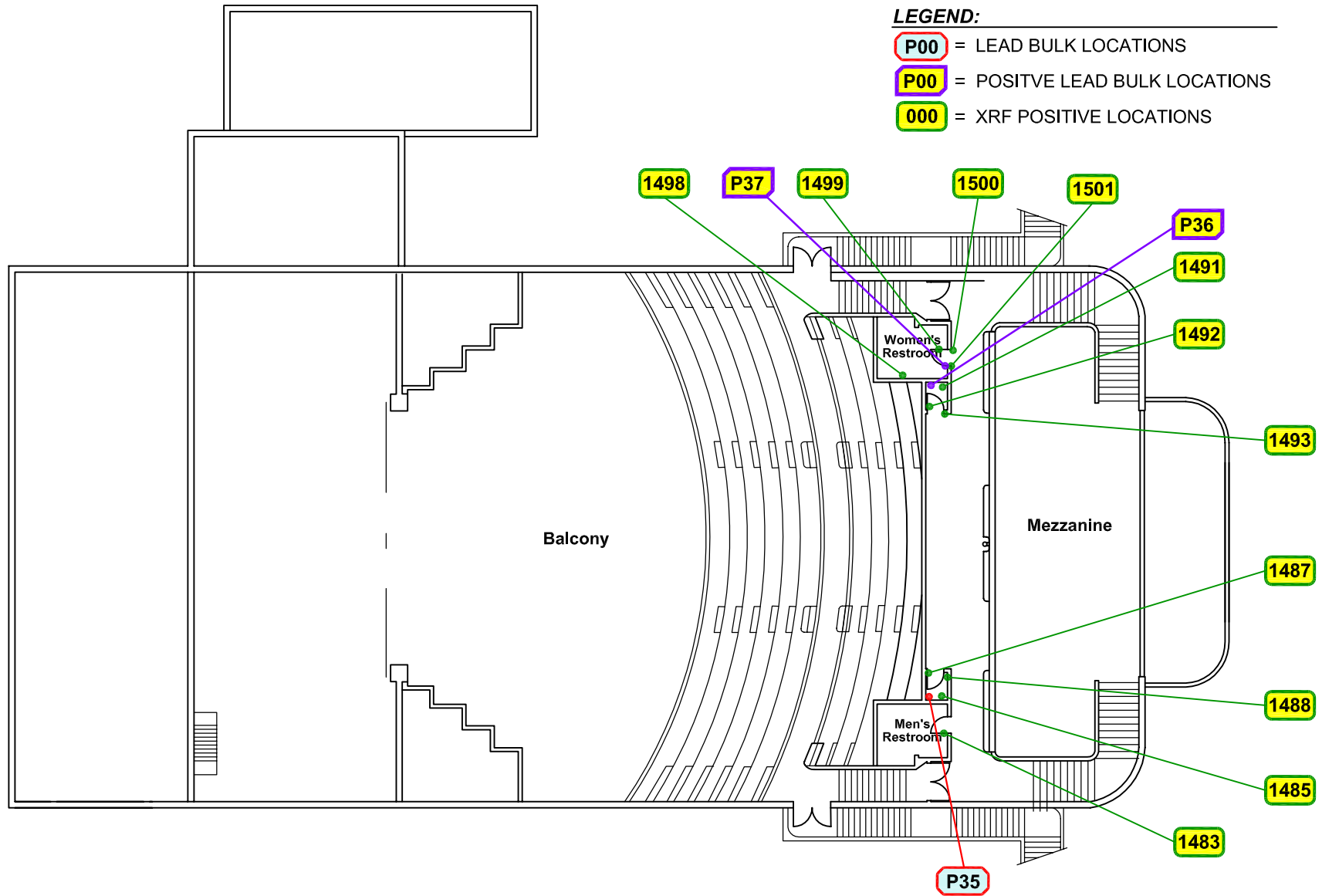
Barnum Hall Balcony - Lead Survey

NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
601 PICO BOULEVARD
SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	26 of 30
 ATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



Barnum Hall Mezzanine - Lead Survey

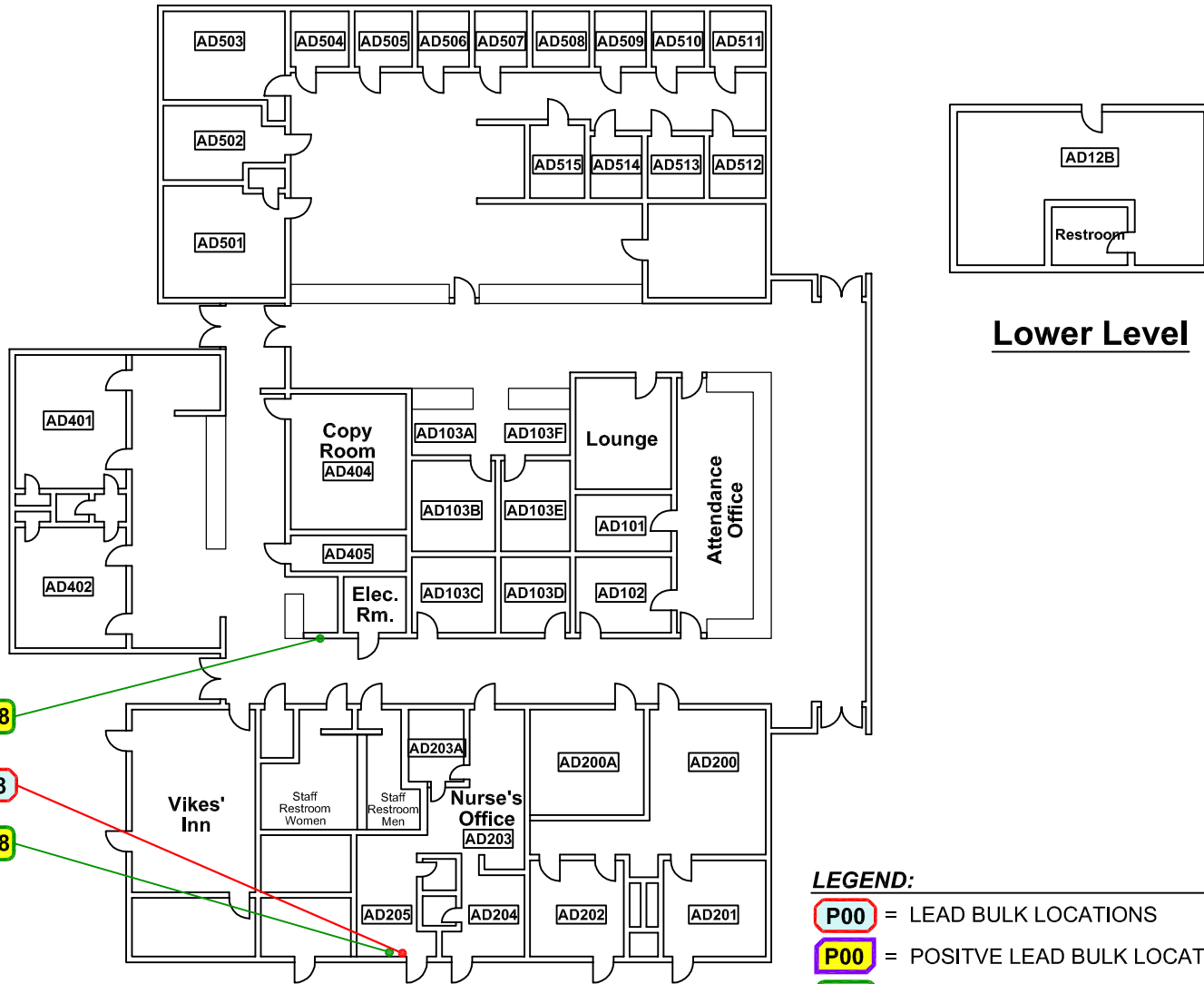
NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	27 of 30

VATC ASSOCIATES INC. 25 Cupania Circle
 Monterey Park, CA 91755
 Ph: (323) 517-9780 *** Fax: (323) 517-9781



1648

P38

1608


LEGEND:

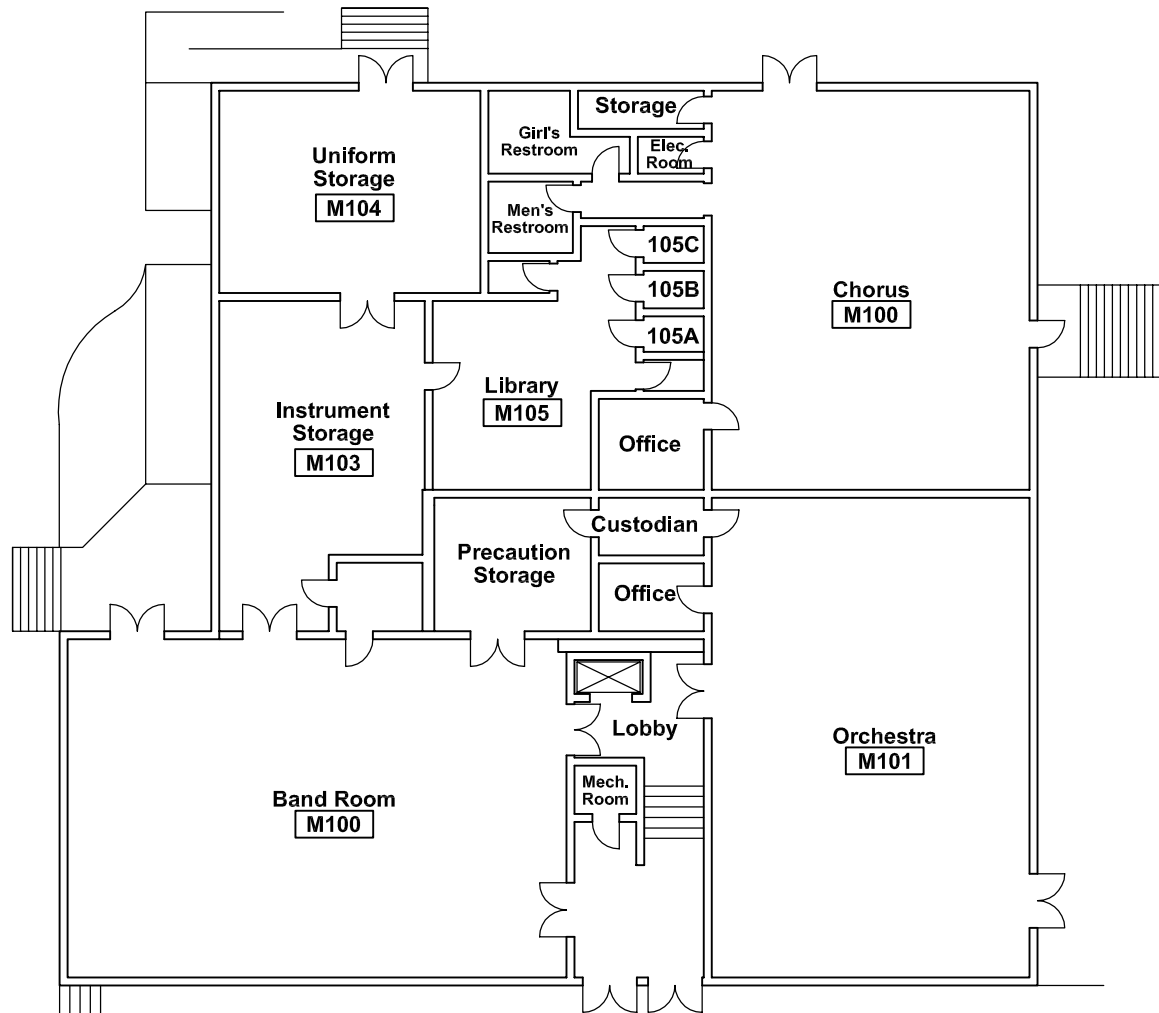
- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS

Administration Building - Lead Survey
NOT TO SCALE



Santa Monica Malibu Unified School District
SANTA MONICA HIGH SCHOOL
MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	28 of 30
 VATC 25 Cupania Circle ASSOCIATES INC. Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



Music Building Lower Level - Lead Survey


NOT TO SCALE

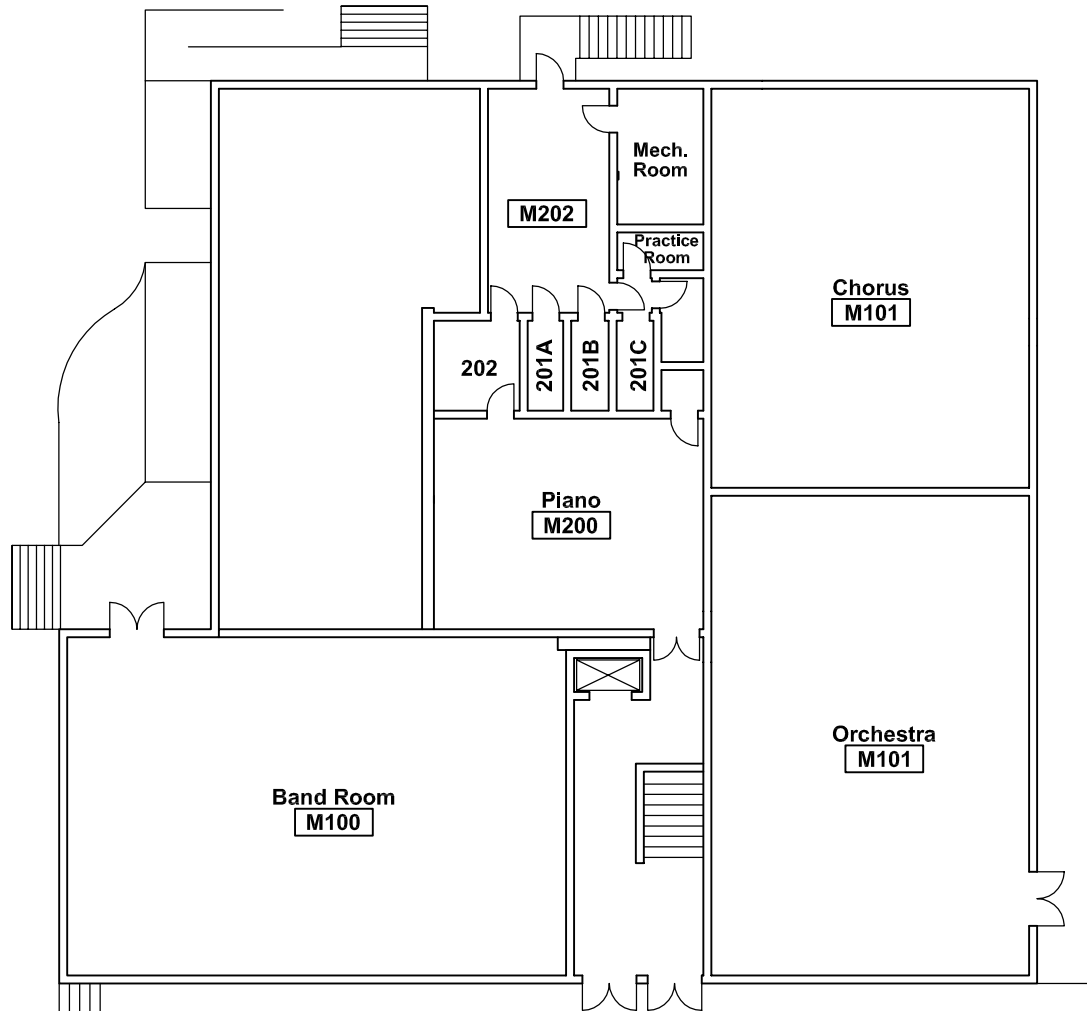
LEGEND:

- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	29 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		



Music Building Upper Level - Lead Survey


NOT TO SCALE

LEGEND:

- P00 = LEAD BULK LOCATIONS
- P00 = POSITIVE LEAD BULK LOCATIONS
- 000 = XRF POSITIVE LOCATIONS



**Santa Monica Malibu Unified School District
 SANTA MONICA HIGH SCHOOL
 MODERNIZATION/DEMOLITION PROJECT
 601 PICO BOULEVARD
 SANTA MONICA, CALIFORNIA 90405**

PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	30 of 30
 VATC ASSOCIATES INC. 25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781		

APPENDIX D

State of California Asbestos and Lead Inspector Certification

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant



Paul A Cota
Name

Certification No. ~~06-3978~~

Expires on ~~05/17/10~~

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7160 et seq. of the Business and Professions Code.



State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Damon Lamar Carrier

Name

Certification No. 01-2954

Expires on 07/20/10



This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

Inspector/Assessor	4/19/2010
Project Monitor	4/19/2010



Damon L. Carrier

ID #: 19034

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Roberto De La Torre



Name

Certification No. 00-2837

Expires on 03/09/10

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.





State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Navid Yoosefia

Name



Certification No. 08-4457

Expires on 11/20/09

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Stephen R. Drengson
Name



Certification No. ~~06-3975~~

Expires on ~~05/17/10~~

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California Department of Public Health

Lead-Related Construction Certificate	Certificate Type	Expiration Date
	Inspector/Assessor	10/29/2010
	Project Monitor	10/29/2010



Stephen R. Drengson ID #: **2895**



ASBESTOS AND LEAD SURVEY

HVAC Project
Santa Monica High School
601 Pico Boulevard
Santa Monica, California 90405

Prepared for:

Santa Monica-Malibu Unified School District
1651 Sixteenth Street
Santa Monica, California 90404

Project No.: SMSD-18-7472

Date: February 15, 2018

Alta Environmental
3777 Long Beach Boulevard Annex Building
Long Beach CA 90807 United States of America
T 562 495 5777 F 562 495 5877
Toll-free (US only) 800 777-0605 altaenviron.com

EXECUTIVE SUMMARY

On January 24 thru February 2, 2018, Alta Environmental conducted a survey for asbestos, and lead in paint for the upcoming air conditioning project to be completed at Santa Monica High School located at 601 Pico Boulevard, Santa Monica, California. Our Cal/OSHA and California Department of Public Health (CDPH) Certified Professionals conducted the following activities:

- Review of existing records by Cape Environmental 1993, CTL Environmental 2008,
- Investigation to locate suspect asbestos-containing materials (ACM), and lead in paint in areas impacted by the scope of work;
- Physical assessment of suspect ACM, painted surfaces;
- Collection of bulk samples from suspect ACM, painted surfaces; and
- Laboratory analysis of samples collected.

Alta survey and sampling was limited to: Business, Art, English, History, Barnum Hall, Language, Administration, Music, and Gymnasium buildings. The survey included all interior walls, ceilings, ceiling spaces, attic spaces and exterior walls, roof and mechanical units and ancillary equipment. Based on review of the drawings, and information provided by the District, floors and crawlspaces will not be impacted during this project, and therefore, not inspected.

Asbestos-containing materials (ACMs) were detected in in areas inspected by the scope of work. Removal may be subject to regulation under USEPA 40 CFR 61, locally enforced by South Coast Air Quality Management District (SCAQMD) and Cal/OSHA regulation (Title 8 CCR Section 1529).

Lead-based paints (LBP) were detected in areas impacted by the scope of work. Removal and disturbances may be subject to California Department of Public Health. When disturbed for construction purposes, impacts may be subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc.

Lead-containing paints (LCP) were detected in areas impacted by the scope of work. When disturbed for construction purposes, impacts may be subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc.

Refer to section 5 in this report for a summary of findings.

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Appendices

Appendix A: Field Bulk Sample list: Asbestos

Appendix B: Laboratory Analytical Report: Asbestos

Appendix C: Field Bulk Sample List: Lead

Appendix D: Laboratory Analytical Report: Lead

Appendix E: Alta Environmental Employee Certifications

Appendix F: Previous Survey; Cape 1993, CTL 2007

REPORTED: February 15, 2018

PROJECT NO.: SMSD-18-7472

CLIENT: Santa Monica-Malibu Unified School District
1651 Sixteenth Street
Santa Monica, California 90404

ATTENTION: Mr. Don Kinkade

REF: Asbestos and Lead Survey
HVAC Project
Santa Monica High School
2401 Santa Monica Boulevard
Santa Monica, California 90404

1 INTRODUCTION

On January 24 thru February 2, 2018, Alta Environmental conducted a survey for asbestos, and lead in paint for the upcoming air conditioning project to be completed at Santa Monica School located at 601 Pico Boulevard, Santa Monica, California.

For this project, Alta used previous sampling information provided by the District. Alta reviewed the Cape Environmental 1993 and CTL Environmental 2008. In some cases, the sampling and information was augmented during this inspection to meet current sampling requirements.

2 PROJECT BACKGROUND

Santa Monica-Malibu Unified School District retained Alta Environmental for the limited survey. The survey was completed by Fabian Ruvalcaba, a Cal/OSHA Certified Asbestos Consultant and California Department of Public Health (CDPH) Certified Inspector/Assessor, and Jorge Robles, a Cal/OSHA Certified Site Surveillance Technician working under the direct supervision of Fabian Ruvalcaba, A Cal/OSHA Certified Asbestos Consultant and California Department of Public Health (CDPH) Certified Inspector/Assessor

3 SCOPE OF WORK

Alta survey and sampling was limited to: Business, Art, English, History, Barnum Hall, Language, Administration, Music, and Gymnasium buildings. The survey included all interior walls, ceilings, ceiling spaces, attic spaces and exterior walls, roof and mechanical units and ancillary equipment. Based on review of the drawings, and information provided by the District, floors and crawlspaces will not be impacted during this project, and therefore, not inspected.

The survey included the following:

- Review of existing records by Cape Environmental 1993 and CTL Environmental 2008;
- Investigation to locate suspect asbestos-containing materials (ACM), and lead in paint in areas impacted by the scope of work;
- Physical assessment of suspect ACM, painted surfaces;
- Collection of bulk samples from suspect ACM, painted surfaces;
- Laboratory analysis of samples collected.

4 METHODOLOGY

4.1 Asbestos

Bulk samples of representative observed construction materials were collected. The sampling was conducted using guidelines set forth in *Federal Register 40 CFR Part 763*. Alta Environmental conducted an initial walkthrough of the Site to develop a listing and sampling scheme of suspect materials. Samples were placed in sealable sample containers and assigned a unique sample identification number.

Bulk samples collected from the Site were subsequently analyzed by polarized light microscopy (PLM) for asbestos content in accordance with the United States Environmental Protection Agency's (USEPA) *Determination of Asbestos in Bulk Building Materials: EPA/600/R-93/116, July 1993*, at AQ Environmental Laboratories located in Signal Hill, California. a laboratory accredited by the National Voluntary Laboratory Accreditation Program.

Based on the requirements of the USEPA as set forth in *40 CFR 763*, a homogeneous material is defined as "an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in color and texture." Furthermore, the regulation requires that a minimum number of samples be collected from each identified homogeneous material. If one sample in a homogeneous material is found to contain asbestos, the entire homogeneous material is considered to be asbestos-containing.

Several materials included in this report were reported to contain low levels of asbestos, laboratory reported as less than 1% (<1%). A gravimetric reduction followed by point count analysis was performed by the laboratory. Point-count analysis involves gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points were counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Results of the 1,000 point count analysis have been incorporated in this report.

Caution is advised in interpreting results provided herein.

4.2 Lead

Representative bulk paint chip samples of plaster, drywall, stucco, and painted mechanical equipment were collected from interior and exterior walls and components. Impacts to other painted components such as but not limited to doorframes, window frames etc. were not anticipated, therefore, not included in this inspection.

Paint chips were collected to determine the parts per million concentration of lead in the painted surfaces. Paint chip samples were collected for construction safety as defined by *Title 8 CCR Section 1532.1*. Paint chip sample analysis was conducted by EPA Method SW846/7420 at AQ Environmental located in Signal Hill, California, a laboratory are accredited by the Environmental Laboratory Accreditation Program

5 RESULTS

5.1 Asbestos

Asbestos-containing materials (ACM) are those materials found to contain greater than one percent asbestos by weight as determined by the PLM method of analysis. These materials are subject to regulation under USEPA 40 CFR 61, *local South Coast Air Quality Management District (SCAQMD)*. These materials are also subject to Cal/OSHA regulation (*Title 8 CCR Section 1529*) when disturbed for construction purposes.

Asbestos-containing construction materials (ACCM) are those materials reported to contain less than one percent (<1%) by PLM or greater than one tenth of one percent (>0.1%) using a 1,000 point count analysis. ACCMs are subject to Cal-OSHA regulation when disturbed for construction purposes.

Summary of ACMs and ACCMs:

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Business Building				
TSI on pipe (above drop-down ceiling)	0124-31 thru 0124-33	Above drop-down ceiling in 1 st floor hallway	5% amosite – 8% amosite <1% crocidolite	700 LF
Chalkboard mastic	N/A	Basement room 10, 1 st floor rooms, 100, 106, 110, 120, 111, 115	Assumed	40 each
Art Building				
Window putty	0125-A7 thru 0125-A9, 5274	Exterior windows	0.51% chrysotile – 0.62% chrysotile (1000 pt.)	200 LF
Acoustical plaster ceiling	0125-A18 thru 0125-A24	Above ceiling tile in all rooms	2% chrysotile – 3% chrysotile	6,000 SF
4" diameter pipe TSI	5271	2 nd floor attic space throughout	10% chrysotile 10% amosite	10 LF
4" diameter pipe elbows	5272	2 nd floor attic space throughout	5% chrysotile	10 elbows
Asbestos-cement panels	N/A	Room 013A, lining furnace hood	Assumed	20 SF

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
English Building				
Soffit plaster ceiling	E201 thru E203	E217, E215, E213, E208, E210, 2nd floor, corridor, E201, E200, E302, E304, E100 - E117, 200, E217, E215, E213 (above ceiling tile, 1st floor corridor, 1st floor restrooms (above drywall ceiling))	5% chrysotile	14,000 SF
History Building				
Soft rough plaster	H16 thru H22	Rooms H101, H102, H100, H106, H114, 116, 118, 120, 122, 121, 119, 200, 201, 202, 203, 205, 207, 208, 209, 210, 213, 214, 215, 216, 217, 218, 1 st &2 nd floor	3% chrysotile	39,000 SF
TSI pipe insulation	0130-H29, 0130-H30, 0130-H31	Basement hallway in ceiling space, room H023 storage	6% amosite and 2% chrysotile	800 IF
Language Building				
Base flashing roof panels	LL1301 thru LL1303	Roof	None detected- 5% chrysotile	300 SF
Exterior stucco wall and ceilings	LL1401 thru LL1405, LL1501 thru LL1505	Exterior Walls and overhang	2% - 3% chrysotile	9,500 SF

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Ceiling access panels	LL1601	Room L104 thru L116, room L204 thru L210	3% chrysotile	20 units
Administration Building				
Joint compound on drywall mud ceiling	5200, 5201, 5202, 5205, 5206. 0201-06, 0201-08	Rooms M200, 201 (A-E), 200A	3% chrysotile	2,500 SF
Music Building				
Drywall mud ceiling	0202-24 thru 0202-28	Rooms M200, 201 (A-E), 200A	0.94% -1.14% chrysotile (1000 pt.)	3,500 SF
Drywall ceiling composite with mud	0202-29	Rooms M200, 201 (A-E), 200A	0.25% chrysotile (1000 pt.)	3,500 SF
Stucco	0202-72 thru 0202-78	Exterior walls	<0.1% - 0.22% chrysotile (1000 pt.)	6,300 SF
North/South Gym				
Drywall with mud (ceiling) composite	gym-17	Above fissured ceiling panels, northeast stairwell, north gym, southeast stairwell, south gym, SG206, basketball court, north and south gym seating areas	0.17% chrysotile (1000 pt.)	12,700 SF

Drywall mud (ceiling)	gym-21 thru gym-27	Above fissured ceiling tiles, northeast stairwell, north gym, southeast, stairwell, south gym, north and south gym, seating areas, basketball court	0.67% - 1.04% chrysotile (1000 pt.)	12,700 SF
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The results for all other materials sampled were reported as “none detected,” based on the limitations of the analytical method. Please refer to Appendix A for a complete listing of materials sampled, locations, and material conditions.

5.2 Lead

Lead-based paint (LBP), according to, the State of California, HUD and the USEPA is defined as paint or other surface coating with lead content equal to or greater than 5,000 parts per million (ppm) by paint chip analysis.

Lead-containing paints (LCP) according to Cal/OSHA *Title 8 CCR, Section 1532.1(d)* are defined as paints reported with any detectable levels of lead by paint chip analysis. When disturbed for construction purposes, these surfaces are subject to Cal/OSHA exposure assessment requirements. Amongst other things, this regulation requires initial employee exposure monitoring to evaluate work exposure during work that disturbs paint with any detectable level of lead. If airborne lead levels are above the established Cal/OSHA action limit or permissible exposure limit, additional monitoring and respiratory protection are required.

The following painted surfaces were analyzed by paint chip:

Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm ²)
Business Building					
PC-7	Ceiling	Metal	Room B105	Gray	75,000
PC-8	Roof vent	Metal	Roof exhaust vents	Black	160,000
English Building					
PC-19A	Beam	Metal	Structural beams and columns	Orange	650,000

Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm ²)
Art Building					
PC-25	Beam	Metal	Interior structural beams/columns	Orange	560,000
Barnum Hall					
PC-47	Beam	Metal	Original structural beams, columns, decking	Orange	440,000
North South Gym					
PC-67	Beam wall	Metal	Interior structural beams, columns, truss	Green	27,000
Admin Building					
PC-72	Duct	Metal	Book room	White	5,000

Lead-containing paints according to Cal/OSHA *Title 8 CCR, Section 1532.1(d)* are defined as paints reported with any detectable levels of lead by paint chip analysis. When disturbed for construction purposes, these surfaces are subject to Cal/OSHA exposure assessment requirements. Amongst other things, this regulation requires initial employee exposure monitoring to evaluate worker exposure during work tasks that disturbs paint with any detectable level of lead. If airborne lead levels are above the established Cal/OSHA action limit or permissible exposure limit, additional monitoring and respiratory protection are required.

- Wall, and ceilings-plaster and drywall and stucco
- Painted mechanical equipment and components

6 CONCLUSIONS AND RECOMMENDATIONS

Alta survey and sampling was limited to: Business, Art, English, History, Barnum Hall, Language, Administration, Music, and Gymnasium buildings. The survey included all interior walls, ceilings, ceiling spaces, attic spaces and exterior walls, roof and mechanical units and ancillary equipment. Based on review of the drawings, and information provided by the District, floors and crawlspaces will not be impacted during this project, and therefore, not inspected. The scope of work was limited to asbestos-containing material and lead in paint.

Alta recommends that during removal, or demolition, if suspect ACMs or lead materials are discovered, that the materials be assumed to contain asbestos and lead. The suspect ACM and lead materials should be properly characterized by a Cal-OSHA certified professional prior to disturbance or removal.

Alta has incorporated and summarized the sampling information from previous survey records: Cape Environmental 1993, CTL Environmental 2008. The findings reported in this report are intended to be used in conjunction with the previous records.

6.1 Asbestos

Asbestos-containing materials have been identified at the Site. Refer to Section 5 in this report for a summary of ACMs.

Asbestos-containing construction materials (ACCM) are those materials reported to contain less than one percent (<1%) by PLM or greater than one tenth of one percent (>0.1%) using a 1,000 point count analysis. ACCMs are subject to Cal-OSHA regulation when disturbed for construction purposes. Refer to Section 5 in this report for a summary of ACMs.

Several materials included in this report were reported to contain low levels of asbestos, laboratory reported as less than 1% (<1%). A gravimetric reduction followed by point count analysis was performed by the laboratory. Point-count analysis involves gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points were counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Results of the 1,000 point count analysis have been incorporated in this report.

Removal of ACMs should be conducted by a licensed asbestos abatement contractor utilizing isolation control methods and dispose of properly. Workers handling ACM shall be asbestos trained and shall wear the appropriate personal protective equipment. Removal shall be conducted in accordance with South Coast Air Quality Management District (SCAQMD) Procedures 1 and or 3 as necessary.

Damaged asbestos materials should be removed, repaired, encapsulated or enclosed. The USEPA (locally enforced by South Coast Air Quality Management District (SCAQMD) requires that all asbestos materials be removed prior to any renovation or demolition activities that may impact the material. The USEPA recommends that a proactive, in-place management program be put in place whenever asbestos is discovered in a building. Asbestos materials that are not damaged may be managed in place with a good operations and maintenance (O&M) program.

Material quantities included in this report are of observed material and provided as a best estimate for information only and shall not be used as a reliable quantity by any contractor for preparing removal bids. The contractor shall be solely responsible for assessing the type, extent, and quantity of material to be removed in each area of the project in preparing each project bid.

6.2 Lead

6.2.1 Lead-based paint

Lead-based paints have been identified in the Site. Refer to Section 5 in this report for a summary of LBP.

Impacts to LBP when disturbed for construction purposes are subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc. Impacts to LBP may also be subject to California Department of Public Health requirements if results of worker exposure monitoring exceed the Cal/OSHA permissible exposure limit.

An O&M program is also recommended for the identified LBP in good condition. An O&M program or interim control is a set of measures designed to temporarily reduce human exposure or possible exposure to LBP hazards. Such measures may include specialized cleaning, repairs, maintenance, painting, temporary containment and management and resident education programs. Visual monitoring conducted by owners and/or reevaluations by risk assessors are integral elements of an interim control. An initial evaluation of potential LBP hazard by a certified risk assessor is recommended for a successful implementation of the interim controls.

Abatement (e.g., stabilization) is recommended for damaged LBP, or if the condition of the materials noted as being in good condition should change. According to Federal regulations and guidelines, LBP abatement is the permanent (defined as designed to last at least 20 years or, in case of encapsulation, a 20-year product warranty) elimination of LBP hazards through replacement, enclosure, encapsulation, paint removal and cleaning to remove lead-contaminated dust.

Work activities impacting LBP pose a potential exposure risk for workers and/or building occupants. Workers trained in proper safety and respiratory techniques should perform renovation activities that may impact the LBP described in this report.

6.2.2 Lead-containing Paints

Lead-containing paints have been identified at the Site. Refer to Appendix G in this report for a summary of LCP.

Workers who disturb surfaces with lead-containing paint are subject to regulation under *Title 8 CCR, Section 1532.1 (d)*. These requirements include awareness training, monitoring to determine worker exposure. This regulation requires initial and on-going (if necessary) employee exposure monitoring to evaluate lead work exposure that disturbs paint with any detectable level of lead. Alta Environmental suggests that engineering controls, respiratory protection and personal protective equipment be employed at the start of any project that disturbs painted surfaces.

7 ASSUMPTIONS AND LIMITATIONS

This report was prepared exclusively for use by Santa Monica-Malibu Unified School District and may not be relied upon by any other person or entity without Alta Environmental's express written permission. The information, conclusions and recommendations described in this report apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames and project parameters indicated. Alta Environmental cannot be responsible for the impact of any changes in environmental standards, practices or regulations after performance of services.

In performing our professional services, we have applied present engineering and scientific judgment and used a level of effort consistent with the current standard of practice for similar types of studies.

As applicable, Alta Environmental has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions, to the extent that they have not been contradicted by data obtained from other sources. Accordingly, Alta Environmental accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

Alta Environmental will not accept any liability for loss, injury claim, or damage arising directly or indirectly from any use or reliance on this report. Alta Environmental makes no warranty, expressed or implied.

This report is issued with the understanding that the client, the property owner, or its representative is responsible for ensuring that the information, conclusions, and recommendations contained herein are brought to the attention of the appropriate regulatory agencies, as required.

Material quantities are in some cases listed within this document. These quantities are not intended to be used for removal bidding purposes. Nor is this document intended as a contract manual. Work methods and sequence, coordination of participants, applicable codes, engineering controls, required submittals and notifications should in all cases be addressed in a separate and independent bidding and contract document.

If you have any questions, please do not hesitate to contact the undersigned at (562) 495-5777. We appreciate the opportunity to be of service to Santa Monica-Malibu Unified School District.

8 SIGNATORY

Respectfully submitted by:

Alta Environmental



Cesar Ruvalcaba
Project Manager
Certified Asbestos Consultant Cert. #95-1799
Lead Inspector/Assessor, Project Monitor
CDPH Cert. #6855

Appendix A

Field Bulk Sample List: Asbestos

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Business Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Sand plaster	Previously sampled 5228-34	None detected	N/A	Basement Room 10, 1st floors, rooms 100, 100A, 101, 101A, 102, 103, 104, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, hallway, men's restroom, office 1, 2nd floor, rooms 200, 200A, 201, 202, 205, 206, 208, 207, 204A, office 2, girls restroom (note: water damage on plaster at various locations)	25,000 SF	No	Yes
Rough plaster ceiling	0124-01	None detected	1st floor hallway, center	1st floor hallways (note: water damage on plaster)	950 SF	No	Yes
Rough plaster ceiling	0124-02	None detected	1st floor east end, center				
Rough plaster ceiling	0124-03	None detected	1st floor west end, center				
Acoustical plaster ceiling	0124-04	None detected	1st floor hallway, center	Above drop down ceilings in all rooms and hallways	25,000 SF	No	Yes
Acoustical plaster ceiling	0124-05	None detected	1st floor east end, center				
Acoustical plaster ceiling	0124-06	None detected	1st floor west end, center				
Acoustical plaster ceiling	0124-07	None detected	Room 102, northwest corner				
Acoustical plaster ceiling	0124-08	None detected	Room 120, center				
Acoustical plaster ceiling	0124-09	None detected	Room 202, center				
Acoustical plaster ceiling	0124-10	None detected	Room 106, southwest corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Business Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Drywall	Previously sampled 5240	None detected	N/A	Basement room 10, 1st floor restrooms, 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 110A, 122, 124, 126 restroom, 2nd floor rooms, 200, 200A, 201, 202, 205, 206, 207, 208	3,000 SF	No	No
Drywall	0124-11	None detected	Room 200, southwest corner				
Drywall composite with joint compound	Previously sampled 5241	None detected	N/A				
12"x12" random peg hole ceiling tile with glue	Previously sampled 5245	None detected	N/A	Rooms 110, 111, 120, 115, 122, 124, 126, 126A, 2nd floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 1 and 2, 1st floor hallway	20,000 SF	Yes	No
12"x12" random peg hole ceiling tile with glue	0124-12	None detected	Room 200 northwest corner				
12"x12" random peg hole ceiling tile with glue	0124-13	None detected	Room 110 center				
2'x4' fissured ceiling panel	Previously sampled 5246	None detected	N/A	2nd floor drop down ceilings in rooms 202, 206	1,500 SF	Yes	No
2'x4' fissured ceiling panel	0124-14	None detected	Room 202, southwest corner				
2'x4' fissured ceiling panel	0124-15	None detected	Room 206, northeast corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Business Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Window putty	0124-16	None detected	South wall, west end window	All exterior windows	1,000 LF	No	No
Window putty	0124-17	None detected	North wall, east end window				
Window putty	0124-18	None detected	North wall, west end window				
Note: window putty was resampled due to previously <1% reported asbestos. Results of the resampling was reported as non-detected. Based on these results, it is interpreted that the previous results was not normal and not representative of the materials.							
Stucco	Previously sampled 5248	None detected	N/A	Exterior walls	16,000 SF	No	No
Stucco	0124-19	None detected	South wall, west end				
Stucco	0124-20	None detected	South wall, center				
Stucco	0124-21	None detected	North wall, east end				
Stucco	0124-22	None detected	North wall, center				
Stucco	0124-23	None detected	Exterior northwest corner				
Stucco	0124-24	None detected	Exterior west center				
Moisture paper (behind stucco)	0124-25	None detected	South wall, west end	Exterior walls under and behind stucco	16,000 SF	No	No
Moisture paper (behind stucco)	0124-26	None detected	North wall, east end window				
Moisture paper (behind stucco)	0124-27	None detected	Exterior northwest corner				
Button board	0124-28	None detected	1st floor hallway, center	Under all plaster walls (interior walls)	25,000 SF	No	No
Button board	0124-29	None detected	Room 120 north center				
Button board	0124-30	None detected	Room 202, south center				
TSI on pipe (above drop down ceiling)	0124-31	5% amosite <1% crocidolite	1st floor hallway, center	Above drop down ceiling in 1st floor hallway	700 LF	Yes	No
TSI on pipe (above drop down ceiling)	0124-32	5% amosite <1% crocidolite	1st floor west end, center				
TSI on pipe (above drop down ceiling)	0124-33	8% amosite <1% crocidolite	1st floor east end, center				
Roofing debris	0124-34	None detected	Room B122 at hatch	Above drop down ceiling in B122, 2nd floor above ceiling	7,200 SF	Yes	No
Roofing debris	0124-35	None detected	2nd floor hallway at hatch				
Roofing debris	0124-36	None detected	2nd floor hallway at east hatch				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Business Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Silver roof core	0124-37	None detected	Roof northwest corner	Roof	110,000 SF	No	No
Silver roof core	0124-38	None detected	Roof south, center				
Silver roof core	0124-39	None detected	Roof west, center				
Silver penetration mastic	0124-40	None detected	Roof southeast penetration	Roof penetrations	200 SF	No	No
Silver penetration mastic	0124-41	None detected	Roof northwest penetration				
Silver penetration mastic	0124-42	None detected	Roof center penetration				
Joint compound	Previously sampled 5235-39	None detected	N/A	Basement room 10, 1st floor restrooms, 100, 100A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restrooms, 2nd floor rooms, 200, 200A, 201, 202, 205, 206, 207, 208 (note: patch work in rooms on drywall)	3,000 SF	No	No
Chalkboard mastic	N/A	Assumed	N/A	Basement room 10, 1st floor rooms 100, 106, 110, 120, 111, 115	40 each	No	No

Note: HVAC mounted to interior perimeter walls per room

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Art Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12"12" random pin hole ceiling tile with glue	0125-A1	None detected	Room 102 north center	Rooms 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010B, 010A, dark room, 013, 013A, 014	5,000 SF	Yes	No
12"12" random pin hole ceiling tile with glue	0125-A2	None detected	Room 107 south center				
12"12" random pin hole ceiling tile with glue	5263	None detected	Previously sampled				
2'x4' fissured ceiling panel	0125-A3	None detected	Room 012 center	Room 012	1,000 SF	No	No
2'x4' fissured ceiling panel	0125-A4	None detected	Room 012 north center				
2'x4' fissured ceiling panel	5264	None detected	Previously sampled				
Button board	5267	None detected	Previously sampled	Under plaster in rooms 107, 102, 105, 103, 101, storage, 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 SF	No	No
Button board	0125-A5	None detected	Room 103				
Button board	0125-A6	None detected	Room 013				
Window putty	0125-A7	0.62% chrysotile (1000 pt.)	Exterior north center	Exterior windows	200 LF	No	No
Window putty	0125-A8	0.51% chrysotile (1000 pt.)	Exterior south center				
Window putty	0125-A9	0.57% chrysotile (1000 pt.)	Exterior northwest end				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Art Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Stucco	5273	None detected	Previously sampled	Exterior walls (on concrete could not find barrier paper behind)	7,500 SF	No	No
Stucco	0125-A10	None detected	Exterior north center				
Stucco	0125-A11	None detected	Exterior south center				
Stucco	0125-A12	None detected	Exterior southwest corner				
Stucco	0125-A13	None detected	Exterior east center				
Stucco	0125-A14	None detected	Exterior west center				
Stucco	0125-A15	None detected	Exterior northeast corner				
Duct wrapping	5269	None detected	Previously sampled	Room 101 (on duct work & piping)	100 LF	No	No
Duct wrapping	0125-A16	None detected	Room 101 HVAC center				
Duct wrapping	0125-A17	None detected	Room 101 HVAC west center				
Acoustical plaster ceiling	0125-A18	3% chrysotile	Room 011 north center	Above ceiling tile in all rooms	6,000 SF	Yes	No
Acoustical plaster ceiling	0125-A19	3% chrysotile	Room 013 north center				
Acoustical plaster ceiling	0125-A20	2% chrysotile	Room 014 southwest corner				
Acoustical plaster ceiling	0125-A21	3% chrysotile	Room 105 west center				
Acoustical plaster ceiling	0125-A22	2% chrysotile	Room 101 north center				
Acoustical plaster ceiling	0125-A23	2% chrysotile	Room 103 center				
Acoustical plaster ceiling	0125-A24	3% chrysotile	Room 012 northeast corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Art Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Silver roof core	0125-A25	None detected	Roof north center	Roof	4,500 SF	No	No
Silver roof core	0125-A26	None detected	Roof west center				
Silver roof core	0125-A27	None detected	Roof east center				
Silver penetration mastic	0125-A28	None detected	Roof penetration northwest	Roof penetrations	200 SF	No	No
Silver penetration mastic	0125-A29	None detected	Roof penetration north center				
Silver penetration mastic	0125-A30	None detected	Roof penetration southeast				
Roofing debris	0125-A31	None detected	Ceiling space room 101 center	Ceiling spaces 2nd floor	4,500 SF	Yes	No
Roofing debris	0125-A32	None detected	Ceiling space room 103 center				
Roofing debris	0125-A33	None detected	Ceiling space room 105 center				
Sand plaster	5249	None detected	Previously sampled	Rooms 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010B, 010A, dark room, 013, 013A, 014, 011, 014B	6,200 SF	No	No
Sand plaster	5250	None detected	Previously sampled				
Sand plaster	5251	None detected	Previously sampled				
Sand plaster	5252	None detected	Previously sampled				
Sand plaster	5253	None detected	Previously sampled				
Sand plaster	5254	None detected	Previously sampled				
Sand plaster	5255	None detected	Previously sampled				
Joint compound	5256	None detected	Previously sampled				
Joint compound	5257	None detected	Previously sampled	Room 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 SF	No	No
Joint compound	5258	None detected	Previously sampled				
Joint compound	5259	None detected	Previously sampled				
Joint compound	5260	None detected	Previously sampled				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Art Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Drywall with joint compound	5261	None detected	Previously sampled	Room 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 SF	No	No
Drywall with joint compound	5262	None detected	Previously sampled				
Vibration reducer	5268	None detected	Previously sampled	2nd floor attic space on HVAC unit at seams	5 SF	No	No
4" diameter pipe TSI	5271	10% chrysotile 10% amosite	Previously sampled	2nd floor attic space throughout	100 LF	Yes	No
4" diameter pipe elbows	5272	5% chrysotile	Previously sampled	2nd floor attic space throughout	10 Elbows	Yes	No
Asbestos containing cement panels	N/A	Assumed	N/A	Room 013A, lining furnace hood	20 SF	Yes	No

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

English Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Plaster	E101	None detected	Previously sampled	Interior walls throughout - 1st, 2nd floors	24,000 SF	No	No
Plaster	E102	None detected	Previously sampled				
Plaster	E103	None detected	Previously sampled				
Plaster	E104	None detected	Previously sampled				
Plaster	E105	None detected	Previously sampled				
Plaster	E106	None detected	Previously sampled				
Plaster	E107	None detected	Previously sampled				
Soffit plaster ceiling	E201	5% chrysotile	Previously sampled	E217, E215, E213, E208, E210, 2nd floor, corridor, E201, E200, E302, E304, E100 - E117, 200, E217, E215, E213 (above ceiling tile, 1st floor corridor, 1st floor restrooms (above drywall ceiling))	14,000 SF	No	No
Soffit plaster ceiling	E202	5% chrysotile	Previously sampled				
Soffit plaster ceiling	E203	5% chrysotile	Previously sampled				
Plaster ceiling	E401	None detected	Previously sampled	E104A, stairwells	2,300 SF	No	No
Plaster ceiling	E402	None detected	Previously sampled				
Plaster ceiling	E403	None detected	Previously sampled				
Plaster ceiling	E01	None detected	Previously sampled				
Plaster ceiling	E02	None detected	Previously sampled				
12" straight peg hole ceiling tile with glue	E04	None detected	Previously sampled	200, E217, E215, E213	3,800 SF	No	No
12" straight peg hole ceiling tile with glue	0125-01	None detected	Room E215 northwest corner				
12" straight peg hole ceiling tile with glue	0125-02	None detected	Room 217 north center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

English Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Drywall with joint compound	E07	None detected	Previously sampled	1st floor restrooms, 1st thru 2nd floors throughout patch work, E215 (north wall), E213 south wall, E210 east wall, E208 Arr, E205 restroom, E203 restroom, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	9,000 SF	No	No
Drywall with joint compound	E08	None detected	Previously sampled				
Drywall with joint compound	E09	None detected	Previously sampled				
Drywall with joint compound	E10	None detected	Previously sampled				
Drywall with joint compound	E11	None detected	Previously sampled				
Drywall with joint compound	E12	None detected	Previously sampled				
Drywall with joint compound	E13	None detected	Previously sampled				
Drywall with joint compound	E14	None detected	Previously sampled				
Stucco	E21	None detected	Previously sampled	Exterior walls, walkway ceilings	20,000 SF	No	No
Stucco	E22	None detected	Previously sampled				
Stucco	E23	None detected	Previously sampled				
Stucco	E24	None detected	Previously sampled				
Stucco	E25	None detected	Previously sampled				
Stucco	0125-03	None detected	Exterior north center				
Stucco	0125-04	None detected	Exterior west center				
2'x4' ceiling panel fissured	0125-05	None detected	Room 103 northwest corner	Room 103	950 SF	Yes	No
2'x4' ceiling panel fissured	0125-06	None detected	Room 103 southeast corner				
2'x4' ceiling panel fissured	0125-07	None detected	Room 103 center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

English Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
White rolled on roof core	0125-08	None detected	Roof center	Roof	10,000 SF	No	No
White rolled on roof core	0125-09	None detected	Roof southwest corner				
White rolled on roof core	0125-10	None detected	Roof northeast corner				
Duct sealant	0125-11	None detected	HVAC roof north center	Roof HVAC system and on air ducts throughout building in ceiling spaces	400 LF	No	No
Duct sealant	0125-12	None detected	HVAC roof south center				
Duct sealant	0125-13	None detected	HVAC roof center				
White penetration mastic	0125-14	None detected	Roof southwest penetration	Roof penetrations	400 SF	No	No
White penetration mastic	0125-15	None detected	Roof north center penetration				
White penetration mastic	0125-16	None detected	Roof south center penetration				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Smooth plaster walls	0130-H1	None detected	1st floor hallway, west center	Basement, 1st and 2nd floor hallways	16,000 SF	No	No
Smooth plaster walls	0130-H2	None detected	1st floor hallways, northwest corner				
Smooth plaster walls	0130-H3	None detected	1st floor hallway, southeast corner				
Smooth plaster walls	0130-H4	None detected	1st floor hallway, north end center				
Smooth plaster walls	0130-H5	None detected	2nd floor hallway, west center				
Smooth plaster walls	0130-H6	None detected	2nd floor hallways, northeast corner				
Smooth plaster walls	0130-H7	None detected	2nd floor hallway, southwest corner				
Rough plaster walls	0130-H8	None detected	Room 127 east center	1st floor roomr 127, 125, 101, 103, 100, 102, 104, 107, 106, 106A, 106B, 106C, 106D, 113, 114, 116, 118, 120, 115, 119, 123, 121, 122, 2nd floor rooms: 201, 200, 203, 202, 205, 204, 207, 208, 209, 210, 213, 214, 215, 216, 217, 218	16,000 SF	No	No
Rough plaster walls	0130-H9	None detected	Room 116 northwest corner				
Rough plaster walls	0130-H10	None detected	Room 102 northwest corner				
Rough plaster walls	0130-H11	None detected	Room 210 northeast corner				
Rough plaster walls	0130-H12	None detected	Room 216 west center				
Rough plaster walls	0130-H13	None detected	Room 213 north center				
Rough plaster walls	0130-H14	None detected	Room 205 southeast corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Window putty	0130-H15	None detected	Room 103 window center	Exterior windows	600 LF	No	No
Window putty	0130-H16	None detected	Room 114 window center				
Window putty	0130-H17	None detected	Room 120 window center				
Note: window putty was resampled due to previously <1% reported asbestos. Results of the resampling was reported as non-detected. Based on these results, it is interpreted that the previous results was not normal and not representative of the materials.							
Soft rough plaster ceiling	H16-H22	3% chrysotile	Previously sampled	Rooms H101, H102, H100, H106, H114, 116,	39,000 SF	No	No
Plaster ceilings	H301	None detected	Previously sampled	H117A custodian room, H117B, H117A, H117, H020, H021, H023, H206 (only in custodian closets, restrooms, and storages)	1,000 SF	No	No
Plaster ceilings	H302	None detected	Previously sampled				
Plaster ceilings	H303	None detected	Previously sampled				
12" peghole ceiling tile with mastic (walls & ceilings)	H201	None detected	Previously sampled				
12" peghole ceiling tile with mastic (walls & ceilings)	H202	None detected	Previously sampled	H125, h101, H100, H102, H106 (A-D), H117, H116, H120, H122, H119, H121, H200, H201, H203, H204, H205, H207, H208, H209, H210, H213, H215, H217, H216, H218	23,000 SF	No	No
12" peghole ceiling tile with mastic (walls & ceilings)	H203	None detected	Previously sampled				
12" peghole ceiling tile with mastic (walls & ceilings)	H205	None detected	Previously sampled				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Drywall	H10	None detected	Previously sampled	H104, H104A, H104B, H107, men's restroom, H114, H116, H206, H203A, H212	3,200 SF	No	No
Drywall	H124A	None detected	Previously sampled				
Drywall joint compound	H11	None detected	Previously sampled				
Drywall joint compound	H12	None detected	Previously sampled				
Drywall joint compound	H13	None detected	Previously sampled				
Drywall joint compound	H14	None detected	Previously sampled				
Drywall joint compound	H15	None detected	Previously sampled				
2'x2' fissured ceiling panel	0130-H18	None detected	Room H118 center	H118, H116, H114	2,700 SF	Yes	No
2'x2' fissured ceiling panel	0130-H19	None detected	Room H114 north center				
2'x2' fissured ceiling panel	H23	None detected	Previously sampled				
2'x4' fissured ceiling panel	H28	None detected	Previously sampled	H127, H127B	900 SF	Yes	No
2'x4' fissured ceiling panel	0130-H20	None detected	Room H127 north center				
2'x4' fissured ceiling panel	0130-H21	None detected	Room H127B west center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Gypsum board	H30	None detected	Previously sampled	Basement hallway above ceiling tile	950 SF	No	No
Gypsum board	0130-H22	None detected	Basement hallway, center				
Gypsum board	0130-H23	None detected	Basement north end center				
12" random peghole ceiling tile with mastic	H31	None detected	Previously sampled	Basement hallways	900 SF	No	No
12" random peghole ceiling tile with mastic	0130-H24	None detected	Basement hallway, center				
12" random peghole ceiling tile with mastic	0130-H25	None detected	Basement north end center				
Button board	0130-H26	None detected	Basement hallway center	Basement hallway and above ceiling tile throughout building	16,000 SF	No	No
Button board	0130-H27	None detected	Basement north end center				
Button board	0130-H28	None detected	Basement south end center				
TSI pipe insulation	0130-H29	6% amosite and 2% chrysotile	H023 storage, center	Basement hallway in ceiling space, room H023 storage	800 LF	Yes	No
TSI pipe insulation	0130-H30	8% amosite and 2% chrysotile	Basement hallway, north end				
TSI pipe insulation	0130-H31	6% amosite and 2% chrysotile	Basement hallway south end				
Roofing debris	0130-H32	None detected	At hatch janitor's closet	2nd floor ceiling spaces throughout	16,000 SF	Yes	No
Roofing debris	0130-H33	None detected	At hatch center H214 ceiling space				
Roofing debris	0130-H34	None detected	At hatch center H210 ceiling space				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
White rolled on roof core	0130-H35	None detected	Roof center	Roof	13,000 SF	No	No
White rolled on roof core	0130-H36	None detected	Roof west center				
White rolled on roof core	0130-H37	None detected	Roof east center				
White penetration mastic	0130-H38	None detected	Roof penetration northwest	Roof penetrations	400 SF	No	No
White penetration mastic	0130-H39	None detected	Roof penetration north center				
White penetration mastic	0130-H40	None detected	Roof peneteration southeast				
Vibration reducer	0130-H41	None detected	Room 207 duct center	Room 207 ducting and on all ducts throughout building	400 LF	No	No
Vibration reducer	0130-H42	None detected	Room 207 left side				
Vibration reducer	0130-H43	None detected	Room 207 right side				

Note: HVAC units mounted onto interior wall in classrooms

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Barnum Hall

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12" fissured ceiling tile with mastic	5288	None detected	Previously sampled	Basement hallway 2, 1st floor elevator lobby, 2nd floor men's and women's restroom	900 SF	No	No
12" fissured ceiling tile with mastic	0129-01	None detected	Women's restroom center				
12" fissured ceiling tile with mastic	0129-02	None detected	Basement hallway 2 center				
Ceiling tile mastic	0129-03	None detected	Basement west center	Basement hallway 2, 1st floor elevator lobby, 2nd floor men's and women's restroom	900 SF	No	No
Duct sealant	0129-04	None detected	Roof HVAC	Interior throughout ceiling spaces, roof HVAC system	300 LF	No	No
Duct sealant	0129-05	None detected	Roof HVAC				
Duct sealant	0129-06	None detected	At hatch, 1st floor elevator lobby				
Duct sealant	5289	None detected	Previously sampled	Exterior walls	1,100 SF	No	No
Exterior stucco	5290	None detected	Previously sampled				
Exterior stucco	SM1001	None detected	Previously sampled				
Exterior stucco	SM1002	None detected	Previously sampled				
Exterior stucco	SM1003	None detected	Previously sampled				
Exterior stucco	0129-07	None detected	Exterior north center				
Exterior stucco	0129-08	None detected	Exterior southwest corner				
Exterior stucco	0129-09	None detected	Exterior east center				
Smooth plaster wall	SM0101	None detected	Previously sampled				
Smooth plaster wall	SM0102	None detected	Previously sampled	1st floor walkway 1&2, hall, men's and women's restroom, lobby, mezzanine levels, men's and women's restroom, closet 1&2, balcony	7,200 SF	No	No
Smooth plaster wall	SM0103	None detected	Previously sampled				
Smooth plaster wall	SM0104	None detected	Previously sampled				
Smooth plaster wall	0129-10	None detected	1st floor walkway north center				
Smooth plaster wall	0129-11	None detected	Lobby, northwest corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Barnum Hall

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Rough plaster wall	SM0201	None detected	Previously sampled	Basement electrical room 2, room 10, 11, 14, 15, 4, hallway 1&2, girls restroom, boy's restroom, 1st floor, elevator lobby, storage 2, room 1, storage 4, lobby, janitor's closet, hall, office 1, 2, mezzanine lobby, balcony	20,000 SF	No	No
Rough plaster wall	SM0202	None detected	Previously sampled				
Rough plaster wall	SM0203	None detected	Previously sampled				
Rough plaster wall	SM0204	None detected	Previously sampled				
Rough plaster wall	SM0205	None detected	Previously sampled				
Rough plaster wall	SM0206	None detected	Previously sampled				
Rough plaster wall	SM0207	None detected	Previously sampled				
Rough plaster wall	0129-12	None detected	Lobby, northeast corner				
Rough plaster wall	0129-13	None detected	Room 10, northeast corner				
White roof core	0129-14	None detected	Roof 1, center	All 5 roof levels	15,000 SF	No	No
White roof core	0129-15	None detected	Roof 2, center				
White roof core	0129-16	None detected	Roof 5, center				
White penetration mastic	0129-17	None detected	Roof 1, north center penetration	All 5 roof levels	400 SF	No	No
White penetration mastic	0129-18	None detected	Roof 2, southwest penetration				
White penetration mastic	0129-19	None detected	Roof 4, center penetration				
Gray patch mastic	0129-20	None detected	Roof 1 northwest corner	Patch on all roof levels	150 SF	No	No
Gray patch mastic	0129-21	None detected	Roof 3 north center				
Gray patch mastic	0129-22	None detected	Roof 4 south center				
12" pin hole ceiling tile with mastic	0129-23	None detected	Room 10, north center	Ceiling and wall sin basement room 10	950 SF	No	No
12" pin hole ceiling tile	0129-24	None detected	Room 10, center				
12" pin hole ceiling tile with mastic	0129-25	None detected	Room 10, southeast corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Barnum Hall

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Light gray soft fireproofing	0129-26	None detected	Storage 1, north center	Storage area 1 ceiling and beams, basement in ceiling psaces, behind stage	3400 SF	No	No
Light gray soft fireproofing	0129-27	None detected	Storage, south center				
Light gray soft fireproofing	0129-28	None detected	Basement room 10, center				
Light gray soft fireproofing	0129-29	None detected	Room 11, north center				
Light gray soft fireproofing	0129-30	None detected	Behind storage, center				
Vibration reducer	0129-31	None detected	HVAC left side	Roof HVAC system	50 LF	No	No
Vibration reducer	0129-32	None detected	HVAC center				
Vibration reducer	0129-33	None detected	HVAC right side				
Joint compound	5280	None detected	Previously sampled	Ceiling in 1st floor rooms 19, 20, and walls in storage room 3, office 1, 2	950 SF	No	No
Joint compound	5281	None detected	Previously sampled				
Joint compound	5282	None detected	Previously sampled				
Drywall	5283	None detected	Previously sampled	Ceiling in 1st floor rooms 19, 20, and walls in storage room 3, office 1, 2	950 SF	No	No
Drywall composite with joint compound	5284	None detected	Previously sampled	Ceiling in 1st floor rooms 19, 20, and walls in storage room 3, office 1, 2	950 SF	No	No
Fireproofing (cementitious)	5274-5279	None detected	Previously sampled	1st floor and main seating areas (in ceilign space)	4,500 SF	Yes	No

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Language building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Silver Roofing	LL1201	None detected	Previously sampled	Roof	11,000 SF	No	No
Silver Roofing	LL1202	None detected	Previously sampled				
Silver Roofing	LL1203	None detected	Previously sampled				
Base flashing roof panels	LL1301	5% chrysotile	Previously sampled	Roof	300 SF	No	No
Base flashing roof panels	LL1302	5% chrysotile	Previously sampled				
Base flashing roof panels	LL1303	5% chrysotile	Previously sampled				
Exterior stucco wall and ceilings	LL1401	2% - 3% chrysotile	Previously sampled	Exterior walls and overhang	9500 SF	No	No
Exterior stucco wall and ceilings	LL1402	2% - 3% chrysotile	Previously sampled				
Exterior stucco wall and ceilings	LL1403	2% - 3% chrysotile	Previously sampled				
Exterior stucco wall and ceilings	LL1404	2% - 3% chrysotile	Previously sampled				
Exterior stucco wall and ceilings	LL1405	2% - 3% chrysotile	Previously sampled				
Exterior stucco wall and ceilings	LL1501	2% - 3% chrysotile	Previously sampled				
Exterior stucco wall and ceilings	LL1502	2% - 3% chrysotile	Previously sampled				
Exterior stucco wall and ceilings	LL1503	2% - 3% chrysotile	Previously sampled				
Exterior stucco wall and ceilings	LL1504	2% - 3% chrysotile	Previously sampled				
Exterior stucco wall and ceilings	LL1505	2% - 3% chrysotile	Previously sampled				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Language building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Ceiling access panels	LL1601	3% chrysotile	Previously sampled	Room L104 thru L116, room L204 thru L210	20 Units	No	No
Gypsum ceiling	LL2001	None detected	Previously sampled	Corridors	1,900 SF	No	No
Gypsum ceiling	LL2002	None detected	Previously sampled				
Gypsum ceiling	LL2003	None detected	Previously sampled				
Rough plaster	LL0501	None detected	Previously sampled	Transformer on L107C, L109A, mechanical rooms	950 SF	No	No
Rough plaster	LL0502	None detected	Previously sampled				
Rough plaster	LL0503	None detected	Previously sampled				
Gypsum board walls	LL1001	None detected	Previously sampled	L210D, L210E, L210C, L210F, L108, L106, L113, L115, L116	1,800 SF	No	No
Gypsum board walls	LL1002	None detected	Previously sampled				
Gypsum board walls	LL1003	None detected	Previously sampled				
Drywall	L03	None detected	Previously sampled	Restrooms, L208B, L206B, L206A, L207A, L107D, L123A, L107A, L118, L117, L117B, L117C	3,500 SF	No	No
Drywall	0130-01	None detected	L123A north center				
Drywall	0130-02	None detected	L117B north center				
Joint compound	L04	None detected	Previously sampled	Restrooms, L208B, L206B, L206A, L207A, L107D, L123A, L107A, L118, L117, L117B, L117C	3,500 SF	No	No
Joint compound	L13	None detected	Previously sampled				
Joint compound	L14	None detected	Previously sampled				
Joint compound	L15	None detected	Previously sampled				
Joint compound	L16	None detected	Previously sampled				
HVAC joint compound	L05	None detected	Previously sampled	2nd floor ceiling space	50 SF	No	No
HVAC joint compound	0130-03	None detected	2nd floor corridor, center on HVAC				
HVAC joint compound	0130-04	None detected	2nd floor corridor, center on HVAC				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Language building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Smooth plaster	LL0701	None detected	Previously sampled	Interior throughout	26,000 SF	No	No
Smooth plaster	LL0702	None detected	Previously sampled				
Smooth plaster	LL0703	None detected	Previously sampled				
Smooth plaster	LL0704	None detected	Previously sampled				
Smooth plaster	LL0705	None detected	Previously sampled				
Smooth plaster	LL0706	None detected	Previously sampled				
Smooth plaster	LL0707	None detected	Previously sampled				
Smooth plaster	LL0708	None detected	Previously sampled				
Smooth plaster	LL0709	None detected	Previously sampled				
12" random peg hole ceiling tile with glue	LL0901	None detected	Previously sampled	L210, L208, corridors, L206, L207, L104, L105, L106, L107, L108, L108A, L109, L114, L115, L116, L118	19,500 SF	No	No
12" random peg hole ceiling tile with glue	LL0902	None detected	Previously sampled				
12" random peg hole ceiling tile with glue	LL0903	None detected	Previously sampled				
12" fissured ceiling tile with glue	L08	None detected	Previously sampled	1st and 2nd floor corridors	1,750 SF	No	No
12" fissured ceiling tile with glue	0130-05	None detected	1st floor corridor west center				
12" fissured ceiling tile with glue	0130-06	None detected	2nd floor corridor east center				
Acoustical plaster ceiling	0130-08	None detected	Room L106, south center	On button board above ceiling tiles, 1st and 2nd floors throughout except restrooms and storages	50,000 SF	No	No
Acoustical plaster ceiling	0130-09	None detected	Room L112, northwest corner				
Acoustical plaster ceiling	0130-10	None detected	Room L115, west center				
Acoustical plaster ceiling	0130-11	None detected	Room 203, west center				
Acoustical plaster ceiling	0130-12	None detected	Room 210, north center				
Acoustical plaster ceiling	0130-13	None detected	Room 202, north center				
Acoustical plaster ceiling	0130-14	None detected	Room 206, center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Language building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Button board	0130-15	None detected	Room 206, center	On acoustical plaster ceiling above ceiling tiles 1st and 2nd floor throughout except restrooms and storage	50,000 SF	No	No
Button board	0130-16	None detected	Room L115, north center				
Button board	0130-17	None detected	Room L112, west center				
Gray patch mastic	0130-18	None detected	Roof northwest corner	Patch work on roof	200 SF	No	No
Gray patch mastic	0130-19	None detected	Roof southwest corner				
Gray patch mastic	0130-20	None detected	Roof east center				
Roof mastic	0130-21	None detected	Roof northeast penetration	Roof penetrations	400 SF	No	No
Roof mastic	0130-22	None detected	Roof southwest penetration				
Roof mastic	0130-23	None detected	Roof north center penetration				
2'x4' fissured ceiling panel	0130-24	None detected	Room L00, center	Rooms L100-L103, L200-L203, 1st and 2nd floor hallway (drop down ceiling)	6,000 SF	Yes	No
2'x4' fissured ceiling panel	0130-25	None detected	Room L103, south center				
2'x4' fissured ceiling panel	0130-26	None detected	Room L200, east center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Administration building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Sand plaster	5187	None detected	Previously sampled	Attendance office, electrical room, lounge, lobby 1&2, viking & Inn, custodian room, staff men's and women's restroom, hallway, 1, 2, 3, rooms 103C, 103D, 102, 101, 103A, 013B, 103E, 103F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503,502, 501, 405, 402, 401, 401 closet, 401 restroom, 300A&B, 203, 203A, 204, 204 restroom 205, 205 restroom, 200A, 200, 202, 201	11,000 SF	No	No
Sand plaster	5188	None detected	Previously sampled				
Sand plaster	5189	None detected	Previously sampled				
Sand plaster	5190	None detected	Previously sampled				
Sand plaster	5191	None detected	Previously sampled				
Sand plaster	5192	None detected	Previously sampled				
Sand plaster	5193	None detected	Previously sampled				
Button board	5224	None detected	Previously sampled	Lobby 1, north center	11,000 SF	No	No
Button board	0201-01	None detected	Lobby 1, north center				
Button board	0201-02	None detected	Lobby 2, northeast corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Administration building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Joint compound	5197	None detected	Previously sampled	On walls staff's women's and men's restroom, room 200A, 200, 103C, 103D, 013A, 103B, 103E, 103F, hallway 3, lobby 1, rooms 515-501	950 SF	No	No
Joint compound	5198	None detected	Previously sampled				
Joint compound	5199	None detected	Previously sampled				
Joint compound	0201-03	None detected	Room 200, northwest corner				
Drywall (wall)	5203	None detected	Previously sampled	On walls, staff's women's and men's restroom, Room 200A, 200, 103 (A-F), hallway 3, lobby 1, rooms 501-515	950 SF	No	No
Drywall (wall)	0201-04	None detected	Room 200, northwest corner				
Drywall (wall)	5204	None detected	Previously sampled	On walls, staff's women's and men's restroom, Room 200A, 200, 103 (A-F), hallway 3, lobby 1, rooms 501-515	950 SF	No	No
Composite with joint compound	0201-05	None detected	Room 200A, west center				
Joint compound (ceilings)	5200	3% chrysotile	Previously sampled	Above 12" random pin hole ceiling tile, rooms 203, 203A, 204, 205, 200, 200A, 202, 103C, 103D, 103A, 103B, 101, 102, 405, 402, 401, 401 closet and restroom, vikings iin, custodian room, electrical room	2,500 SF	No	No
Joint compound (ceilings)	0201-06	None detected	Room 402, north center				
Drywall ceiling	5201	None detected	Previously sampled				
Drywall ceiling	5202	None detected	Previously sampled				
Drywall ceiling	0201-07	None detected	Room 402, north center				
Drywall ceiling	5205	None detected	Previously sampled				
Drywall ceiling	5206	None detected	Previously sampled				
Composite with joint compound	0201-08	None detected	Custodian room, center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
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PROJECT NAME: HAMOHI - HVAC

Administration building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12"x12" fissured ceiling tile with glue	5207	None detected	Previously sampled	Hallways 1, 2, 3	1,300 SF	Yes	No
12"x12" fissured ceiling tile with glue	0201-09	None detected	Hallway 1, center				
12"x12" fissured ceiling tile with glue	0201-10	None detected	Hallway 3, center				
12"x12" random peghole ceiling tile with glue	5208	None detected	Previously sampled	Rooms 203, 203A, 204, 205, 200A, 200, 202, 103C, 130D, 103A, 103B, 101, 103, 405, 402, 401, 401 closet and restroom, vikings inn, custodian room, electrical room	2,300 SF	Yes	No
12"x12" random peghole ceiling tile with glue	0201-11	None detected	Room 203 northeast corner				
12"x12" random peghole ceiling tile with glue	0201-12	None detected	Room 103A south center				
2'x4' fissured ceiling panel	0201-13	None detected	Attendance office, west center	Attendance eoffice, hallway 2, lobby 1, lobby 2, A0200, A0203	2,900 SF	Yes	No
2'x4' fissured ceiling panel	0201-14	None detected	Lobby 1 northwest end				
2'x4' fissured ceiling panel	0201-15	None detected	A0200, north center				
Moisture paper (behind stucco)	0201-16	None detected	Exterior north center	Exterior	6,500 SF	No	No
Moisture paper (behind stucco)	0201-17	None detected	Exterior southwest corner				
Moisture paper (behind stucco)	0201-18	None detected	Exterior south center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Administration building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Stucco	5227	None detected	Previously sampled	Exterior walls	6,500 SF	No	No
Stucco	0201-19	None detected	Exterior north center				
Stucco	0201-20	None detected	Exterior southwest corner				
Stucco	0201-21	None detected	Exterior south center				
Stucco	0201-22	None detected	Exterior west center				
Stucco	0201-23	None detected	Exterior southeast				
Stucco	0201-24	None detected	Exterior northeast corner				
Gray rolled on roof core	0201-25	None detected	Roof northwest corner	Roof	6,500 SF	No	No
Gray rolled on roof core	0201-26	None detected	Roof southeast corner				
Gray rolled on roof core	0201-27	None detected	Roof center				
White penetration mastic	0201-28	None detected	Roof penetration northeast penetration	Roof	400 LF	No	No
White penetration mastic	0201-29	None detected	Roof penetration south center				
White penetration mastic	0201-30	None detected	Roof penetration southwest				
Vibration reducer	0201-31	None detected	Mechanical room on HVAC, center	Mechanical room, above ceiling spaces on air ducts throughout building	200 SF	No	No
Vibration reducer	0201-32	None detected	Mechanical room on HVAC, west center				
Vibration reducer	0201-33	None detected	Lobby 1, center				
Duct sealant	0201-34	None detected	Lobby 1, center	Mechanical room, above ceiling spaces on air ducts throughout building	50 IF	No	No
Duct sealant	0201-35	None detected	Lobby 2, center				
Duct sealant	0201-36	None detected	Mechanical room, center				

Note: TSI pipe is non-suspected asbestos-containing materials. The insulation fiberglass

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Music building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
2'x2' fissured ceiling panel	0202-01	None detected	M200, northwest corner	Rooms M200, elevator lobby, stairwell lobby 2nd floor, M101A, M102A, percussion storage	3,800 SF	Yes	No
2'x2' fissured ceiling panel	0202-02	None detected	M101A, north center				
2'x2' fissured ceiling panel	0202-03	None detected	Percussion storage, center				
12" random peg hole ceiling tile with mastic	0202-04	None detected	2nd floor practice room 3, center	M100B, 100C, vestibule, 1st & 2nd floor practice rooms, M202, 2nd floor foyer, vestibule	4,200 SF	Yes	No
12" random peg hole ceiling tile with mastic	0202-05	None detected	2nd floor practice room 1, center				
12" random peg hole ceiling tile with mastic	0202-06	None detected	M100B, southwest corner				
12" fissured ceiling tile with mastic	0202-07	None detected	Library, southeast corner	Library, M100	3,500 SF	Yes	No
12" fissured ceiling tile with mastic	0202-08	None detected	Library west center				
12" fissured ceiling tile with mastic	0202-09	None detected	M100, northeast corner				
Drywall (wall)	0202-10	None detected	M200, southeast corner	Rooms M200, 201 (A-E), M202, M200A, 101A, 101D, 101D 104, 103, 102, percussion storage, 100B, instrument storage	6,500 SF	No	No
Drywall (wall)	0202-11	None detected	M101 north center				
Drywall (wall)	0202-12	None detected	M102, northwest corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Music building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Drywall mud (wall)	0202-13	None detected	M200 northwest corner	M200, 201 (A-E), 202, 200A, 101A, 101D, 101, 104, 103, 102, percussion sotrage, 100B, instrument storage	6,500 SF	No	No
Drywall mud (wall)	0202-14	None detected	M201C south center				
Drywall mud (wall)	0202-15	None detected	M202 north center				
Drywall mud (wall)	0202-16	None detected	M104 northeast corner				
Drywall mud (wall)	0202-17	None detected	M101 southwest corner				
Drywall mud (wall)	0202-18	None detected	M103 north center				
Drywall mud (wall)	0202-19	None detected	M103 northeast corner				
Drywall composite with drywall mud	0202-20	None detected	M101 northeast corner				
Drywall ceiling	0202-21	None detected	M200 center	Rooms M200, 201A, 201B, 201C, 201D, 201E, 200A	2,100 SF	No	No
Drywall ceiling	0202-22	None detected	M201A, north center				
Drywall ceiling	0202-23	None detected	M201D northeast corner				
Drywall mud ceiling	0202-24	1.13% chrysotile (1000 pt.)	M200, center	Rooms M200, 201(A-E), 200A	3,500 SF	No	No
Drywall mud ceiling	0202-25	0.94% chrysotile (1000 pt.)	M201B, north center				
Drywall mud ceiling	0202-26	1.14% chrysotile (1000 pt.)	M201C, south center				
Drywall mud ceiling	0202-27	1.06% chrysotile (1000 pt.)	M201A, northwest corner				
Drywall mud ceiling	0202-28	1.12% chrysotile (1000 pt.)	M200A, center				
Drywall ceiling composite with mud	0202-29	0.25% chrysotile (1000 pt.)	M200, northwest corner				
Grey duct sealant	0202-30	None detected	Roof HVAC, center				
Grey duct sealant	0202-31	None detected	Roof HVAC, north center				
Grey duct sealant	0202-32	None detected	Mechancial room south				

**MATERIAL INVENTORY
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PROJECT NAME: HAMOHI - HVAC

Music building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
White duct sealant	0202-33	None detected	Mechanical room south	Roof HVAC system and air ducts in ceiling spaces throughout building	500 LF	No	No
White duct sealant	0202-34	None detected	Roof HVAC northwest				
White duct sealant	0202-35	None detected	Roof HVAC southeast				
White rolled on roof core	0202-36	None detected	Roof 1 center	All roof levels	18,000 SF	No	No
White rolled on roof core	0202-37	None detected	Roof 1 northeast corner				
White rolled on roof core	0202-38	None detected	Roof 2 center				
White penetration mastic	0202-39	None detected	Roof 1 southwest penetration	All roof levels	400 SF	No	No
White penetration mastic	0202-40	None detected	Roof 2 northeast penetration				
White penetration mastic	0202-41	None detected	Roof 2 north center penetration				
Window putty	0202-42	None detected	Exterior northwest	Exterior windows	300 LF	No	No
Window putty	0202-43	None detected	Exterior southeast				
Window putty	0202-44	None detected	Exterior north center				
Button board	0202-45	None detected	M100 northwest corner	(above acoustical plaster ceiling), M100 1st floor practice rooms, M200B, 100B, 100C, office, girl's & boy's restroom	5,200 SF	No	No
Button board	0202-46	None detected	1st floor practice room 2 center				
Button board	0202-47	None detected	100B, west center				
Roofing debris	0202-48	None detected	Mechanical room, center	At roof hatch and 2nd floor ceiling space	18,000 SF	No	No
Roofing debris	0202-49	None detected	Roof hatch north center				
Roofing debris	0202-50	None detected	2nd floor lobby, south center				
Barrier paper (on stucco)	0202-51	None detected	Exterior north center	Exterior walls behind stucco	6,300 SF	No	No
Barrier paper (on stucco)	0202-52	None detected	Exterior northwest corner				
Barrier paper (on stucco)	0202-53	None detected	Exterior southeast corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Music building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Acoustical wall panel board	0202-54	None detected	M100, northwest corner	1st & 2nd floor practice rooms, M100, M202, M200	3,000 SF	No	No
Acoustical wall panel board	0202-55	None detected	1st floor practice room 1 center				
Acoustical wall panel board	0202-56	None detected	2nd floor practice room 3 center				
Rough wall plaster	0202-57	None detected	M200B southeast corner	M200B, library, 105D, 1st floor practice rooms, 100B, 100C, M100, office girls & boys restroom, storage, electrical room	3,800 SF	No	No
Rough wall plaster	0202-58	None detected	Library east center				
Rough wall plaster	0202-59	None detected	Library west center				
Rough wall plaster	0202-60	None detected	Electrical room north center				
Rough wall plaster	0202-61	None detected	Boy's restroom, north west				
Acoustical plaster ceiling	0202-62	None detected	M100 southwest corner	M100, 1st floor men's & women's restroom, library, 1st floor practice rooms, M200B, 100B, 100C, office, girl's & boy's restroom (above 12" fissured ceiling tiles and 12" random peg hole ceiling tile 1st floor)	5,200 SF	No	No
Acoustical plaster ceiling	0202-63	None detected	1st floor practice room center				
Acoustical plaster ceiling	0202-64	None detected	100B west center				
Acoustical plaster ceiling	0202-65	None detected	100C southeast corner				
Acoustical plaster ceiling	0202-66	None detected	Girl's restroom northwest corner				
Acoustical plaster ceiling	0202-67	None detected	Boy's restroom south center				
Acoustical plaster ceiling	0202-68	None detected	M200B north center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Music building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
2'x4' fissured ceiling panel	0202-69	None detected	M101 north center	M101, 2nd floor lobby	2,600 SF	Yes	No
2'x4' fissured ceiling panel	0202-70	None detected	M101 northwest corner				
2'x4' fissured ceiling panel	0202-71	None detected	2nd floor lobby, center				
Stucco	0202-72	0.15% chrysotile (1000 pt.)	Exteiror north center	Exterior walls	6,300 SF	No	No
Stucco	0202-73	0.22% chrysotile (1000 pt.)	Exterior northwest corner				
Stucco	0202-74	<0.1% chrysotile (1000 pt.)	Exterior southeast corner				
Stucco	0202-75	<0.1% chrysotile (1000 pt.)	Exterior west center				
Stucco	0202-76	<0.1% chrysotile (1000 pt.)	Exterior southwest corner				
Stucco	0202-77	<0.1% chrysotile (1000 pt.)	Exterior east center				
Stucco	0202-78	0.15% chrysotile (1000 pt.)	Exterior northeast corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Drywall (new patch work)	NPS01	None detected	Previously sampled	N16, basement office, storage, N112, N108, N106n N102, N104, N110A, N100B, N101, N121, N120, N125, N127,	24,000 SF	No	No
Drywall (new patch work)	gym-01	None detected	N106, northwest corner	N126, N128, N105, N103, N129, N131, N109, N109, N113, N111, N162, N160, N201, N200, N200A, , N201, N201A, P100, P111, PP112, P113, SG16A, SG16, basement			
Drywall (new patch work)	gym-02	None detected	SG100 southeast corner				
Drywall joint compound	NPS02	None detected	Previously sampled	Corridors, SGB16B, SG14, SG15, SG11, SG102, SG102A, SG10, SG100, south gym corridors, 1st & 2nd floor	24,000 SF	No	No
Drywall joint compound	NPS03	None detected	Previously sampled				
Drywall joint compound	NPS04	None detected	Previously sampled				
Drywall joint compound	NPS05	None detected	Previously sampled				
Drywall joint compound	NPS06	None detected	Previously sampled				
Drywall joint compound	NPS07	None detected	Previously sampled				
Drywall joint compound	NPS08	None detected	Previously sampled				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
2'x4' fissured ceiling panel	NPS10	None detected	Previously sampled	Basement office, basement storage, N100, N113, N140, North gym, northeast and southwest stairwell, SG16A, SG16, southeast corridors (basement) SGB16B, SG14, SG15, SG110, SG11, SG13, SG120A, SG102, SG102A, SG206, SG205A, SG102	3,600 SF	No	No
2'x4' fissured ceiling panel	gym-03	None detected	N140 north center				
2'x4' fissured ceiling panel	gym-04	None detected	SG 102 south center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Plaster	gym-05	None detected	N162 north center	Basement northwest stairwell, N112, N115, 1st floor, northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gym, east mechanical room, ticket booths, SG11, SG10, SG13, south gym southeast and southwest stairwells, SG205, SG206, 2nd floor southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,000 SF	No	No
Plaster	NPS12	None detected	Previously sampled				
Plaster	NPS13	None detected	Previously sampled				
Plaster	NPS14	None detected	Previously sampled				
Plaster	NPS14A	None detected	Previously sampled				
Plaster	NPS15	None detected	Previously sampled				
Plaster	NPS15A	None detected	Previously sampled				
<p>Note: plaster sample #NPS11 previous reported as less than 1% (asbestos) was resampled in the same location. Results of the resampling was reported as non-detected. Based on these results, it is interpreted that the previous results was not normal and not representative of the materials.</p>							
12" random peg hole ceiling tile with mastic (on walls & ceilings)	NPS14	None detected	Previously sampled	North gym basketball court, south gym basketball court, south gym southeast stairwell, SG205, north and south gym buildings	3,700 SF	No	No
12" random peg hole ceiling tile with mastic (on walls & ceilings)	gym-06	None detected	Southeast stairwell, west center				
12" random peg hole ceiling tile with mastic (on walls & ceilings)	gym-07	None detected	Basketball court, north center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Drywall (ceiling)	NPS18	None detected	Previously sampled	North and south gym side seating areas, basketball court (above 12" fissured ceiling tile), SG206, north/south gyms, stairwells, basketball court	12,000 SF	No	No
Drywall (ceiling)	gym-08	None detected	North gym seating area, center				
Drywall (ceiling)	gym-09	None detected	Basketball court, northwest corner				
12" fissured ceiling tile with glue	NPS23	None detected	Previously sampled	Northeast stairwell north gym, south gym, stairwell, SG206, basketball court, north and south gym side seating areas	12,700 SF	No	No
12" fissured ceiling tile with glue	gym-10	None detected	Northeast stairwell, west center				
12" fissured ceiling tile with glue	gym-11	None detected	SG206, northeast corner				
2'x4' smooth ceiling panel	NPS24	None detected	Previously sampled	Pool area, south side	7,500 SF	No	No
2'x4' smooth ceiling panel	gym-12	None detected	Pool southwest corner				
2'x4' smooth ceiling panel	gym-13	None detected	Pool southeast corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Stucco with barrier paper	NPS28	None detected	Previously sampled	North center gym exterior walls, garage area, exterior walls south gym, elevator shaft and northwest side to pool building	17,000 SF	No	No
Stucco with barrier paper	NPS29	None detected	Previously sampled				
Stucco with barrier paper	NPS30	None detected	Previously sampled				
Stucco with barrier paper	NPS31	None detected	Previously sampled				
Stucco with barrier paper	NPS32	None detected	Previously sampled				
Stucco with barrier paper	NPS33	None detected	Previously sampled				
Stucco with barrier paper	NPS34	None detected	Previously sampled				
Stucco with barrier paper	NPS35	None detected	Previously sampled				
Duct sealant (grey)	gym-14	None detected	Electrical room on duct center	Room SG16B, electrical room and on air ducts throughout building and roofs	800 LF	No	No
Duct sealant (grey)	gym-15	None detected	electrical room on duct north center				
Duct sealant (grey)	gym-16	None detected	Roof HVAC center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Drywall with mud (ceiling) composite	gym-17	0.17% chrysotile (1000 pt.)	Northeast stairwell, center	Above fissured ceiling tiles, northeast stairwell, north gym, southeast stairwell, south gym, north and south gym seating areas, basketball court	12,700 SF	No	No
Drywall mud (ceiling)	gym-21	0.67% chrysotile (1000 pt.)	Northeast stairwell, east center				
Drywall mud (ceiling)	gym-22	0.87% chrysotile (1000 pt.)	Northeast stair well, northwest corner				
Drywall mud (ceiling)	gym-23	0.89% chrysotile (1000 pt.)	Southeast stairwell, center				
Drywall mud (ceiling)	gym-24	1.04% chrysotile (1000 pt.)	Southeast stairwell, north center				
Drywall mud (ceiling)	gym-25	0.90% chrysotile (1000 pt.)	North seating area, north center				
Drywall mud (ceiling)	gym-26	0.89% chrysotile (1000 pt.)	Basketball court, northwest corner				
Drywall mud (ceiling)	gym-27	0.89% chrysotile (1000 pt.)	Basketball court, northeast corner				
Gravel roof core	gym-28	None detected	Pool roof, southwest corner	Roof above pool	5,000 SF	No	No
Gravel roof core	gym-29	None detected	Pool roof center				
Gravel roof core	gym-30	None detected	Pool roof northeast corner				
Gray patch mastic	gym-31	None detected	Pool roof, north center	Patch work throughout all roof levels	200 SF	No	No
Gray patch mastic	gym-32	None detected	Roof 1 northwest corner				
Gray patch mastic	gym-33	None detected	Roof 2 north center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Gray rolled on roof core	gym-34	None detected	Roof 1 north center	All roof levels except for pool roof	20,000 SF	No	No
Gray rolled on roof core	gym-35	None detected	Roof 1 southeast corner				
Gray rolled on roof core	gym-36	None detected	Roof 2 center				
White penetration mastic	gym-37	None detected	Roof 1 northeast penetration	All roof levels except for pool roof	500 SF	No	No
White penetration mastic	gym-38	None detected	Roof 2 southwest penetration				
White penetration mastic	gym-39	None detected	Roof 2 north center penetration				
White/grey duct sealant	gym-40	None detected	Roof HVAC roof center	On roof HVAC and air ducts throughout building	800 SF	No	No
White/grey duct sealant	gym-41	None detected	Roof HVAC roof north center				
White/grey duct sealant	gym-42	None detected	Roof HVAC roof 2 center				
TSI pipe insulation	N/A	N/A	N/A	Fiberglass pipe insulation on pipes throughout building (no need to sample)	950 SF	No	No



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Asbestos Field Bulk Sample List

Client: SMMUSD *Limited Survey: ceilings/ceiling spaces, roofs* Technician: Jorge Robles
 Project No.: SMSD-18-7472 *interior/exterior walls* Date: 1/31/18
 Project Name: SAMOH1 *North/South Gym* Page: 1 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywall (New Patch) work	P.S. Neg gym-01	NPS 01	N16, basement office, storage, N112 N108, N106, N102, N104, N10A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N104, N113, N111	24000ft ²	N	N
		↓	-02	SG100 SE corner	N162, N160, N201, N200, N200A, N101, N101A, 0102, P111, P12, P113, SG16A, SG16, basement corridors, SG B16B, SG14, SG15, SG11, SG	102, SG 102A		
		Drywall JT. Cmp	P.S. Neg	NPS 02 → NPS 08	SG10, SG100, South gym corridors, 1st	2nd Floor		
		2'x4' fss-d C.P.	P.S. Neg	NPS 10	Basement office, basement storage, M00 N113, N140, North gym, NE & NW stairwell	3600ft ²	N	N
		↓	gym-03	N140, NCTR	SG16A, SG16, SE corridors (basement) SG B16B, SG14, SG15, SG110, SG11, SG13			
		↓	-04	SG102, SCTR	SG 120A, SG102, SG102A, SG 206, SG 205A, SG 102			
		Plaster	P.S. Neg	NPS 11	Basement NW stairwell, N112, N115, 1st floor NW stairwell, N110, N100, N123, N140	31000ft ²	N	N
		Resampled Same Location	gym-05	N162, NCTR	N162, M60, M50, Ball court, N135, N4220 N200, N110, N211, N222, North gym east mech Rm, ticket booths, SG 11, SG10, SG13, South gym SE & SW stairwells, SG 205 SG 200, 2nd Floor SE & SW halls, SG 205A, SG 200, SG 201, SG 200A, SG 200 SG 203			



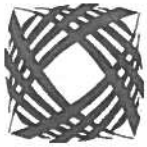
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Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SMOHTI North/South gym

Technician: Jorge Robles
 Date: 1/31/18
 Page: 2 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		12" Random Polyhd L.T. w/ Moist (on walls & ceiling)	P.S. Neg	NPS 14	North gym, bball court, south gym Bball court, South gym, SE stairwell,	3700ft ²	N	N
		↓	gym-06	SE stairwell, w ctr	SG 205, N & S gym Slops	↓		
			gym-07	Bball court, N ctr				
		Dry wall (ceiling)	P.S. Neg	NPS 18	North & South gym side seating areas, Bball court (Above 12" fire-d	12000ft ²	N	N
		↓	gym -08	North gym seating area, ctr	Lehg tile), SG 206, North/South Gyms, Stairwells, BB court	↓		
			gym -09	Bball court, NW corner				
		12" fss-d Ce. Lg tile w/ Glue	P.S. Neg	NPS 23	NE stairwell North gym, South gym stairwell, SG 206, Bball court,	12700ft ²	N	N
		↓	gym -10	NE stairwell, w ctr	North & South gym side seating areas,	↓		
			gym -11	SG 206, NE corner				



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Asbestos Field Bulk Sample List

Client: SMMUSO
 Project No.: SMSD-18-7472
 Project Name: SAMOHI North/South Gym

Technician: Jorge Robles
 Date: 1/31/18
 Page: 4 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location ^{tiles}	Est. Qty.	F	D
		Drywall mud (ceiling)	gym -21	NE stairwell, e ctr	above Assured ceiling panels NE stairwell, N gym, SE stairwell, S gym	12700ft ²	N	N
			-22	↓ NW corner	N & S gym seating areas, BBall court	↓		
			-23	SE stairwell, ctr	↓ SG 206	↓		
			-24	↓ N ctr	↓	↓		
			-25	North seating area, Nctr	↓	↓		
			-26	BBall court, NW corner	↓	↓		
			-27	↓ NE corner	↓	↓		
		Gravel Roof Core	-28	pool roof SW corner	Roof above pool.	5000 2200ft ²	N	N
			-29	↓ ctr	↓	↓		
			-30	↓ NE corner	↓	↓		
		gray patch mastic	-31	pool roof, N ctr	patch work throughout all roof levels.	200ft ²	N	N
			-32	Roof 1, NW corner	↓	↓		
			-33	Roof 2 N ctr	↓	↓		



Asbestos Field Bulk Sample List

Client: SMMUSO
 Project No.: SMSD-18-7472
 Project Name: SAM041 North/South gym

Technician: Jorge Robles
 Date: 1/31/18
 Page: 5 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		gray rolled on roof core	gym-34	Roof 1, N ctr	All roof levels except for pool roof	2000ft ²	N	N
			-35	↓ SE corner	↓	↓		
			-36	Roof 2, ctr	↓	↓		
		white penetration mastic	-37	Roof 1, NE per	All roof levels per	500ft ²	N	N
			-38	Roof 2, SW per	↓	↓		
			-39	↓, N ctr per	↓	↓		
		white/grey Duct Sealant	-40	Roof HVAC roof ctr	on roof HVAC and air ducts throughout Bldg	800ft ²	N	N
			-41	↓ N ctr	↓	↓		
			-42	Roof HVAC Roof 2, ctr	↓	↓		
		TSI pipe insulation			Fiberglass pipe insulation on pipes throughout bldg & No need to sample	950ft ²	N	N
		32 #16 window putty	-43	Exterior window	Exterior windows	300lft	N	N
		NO exterior windows found	-44	SE window	↓	↓	↓	↓
			-45	W ctr window	↓	↓	↓	↓

EVACUATION ROUTE SECOND FLOOR NORTH GYM



POOL BUILDING

POOL BUILDING

FOLLOW
WALKWAY
TO GREEK

UPPER NORTH
GYMNASIUM

NG220
WRESTLING
ROOM

N206
STORAGE

N200
STORAGE

NPS21
NPS20

NPS22

LOCKER
ROOM

GIRLS
RESTROOM

BOYS
RESTROOM

LOCKER
ROOM

VESTIBULE

ELEVATOR



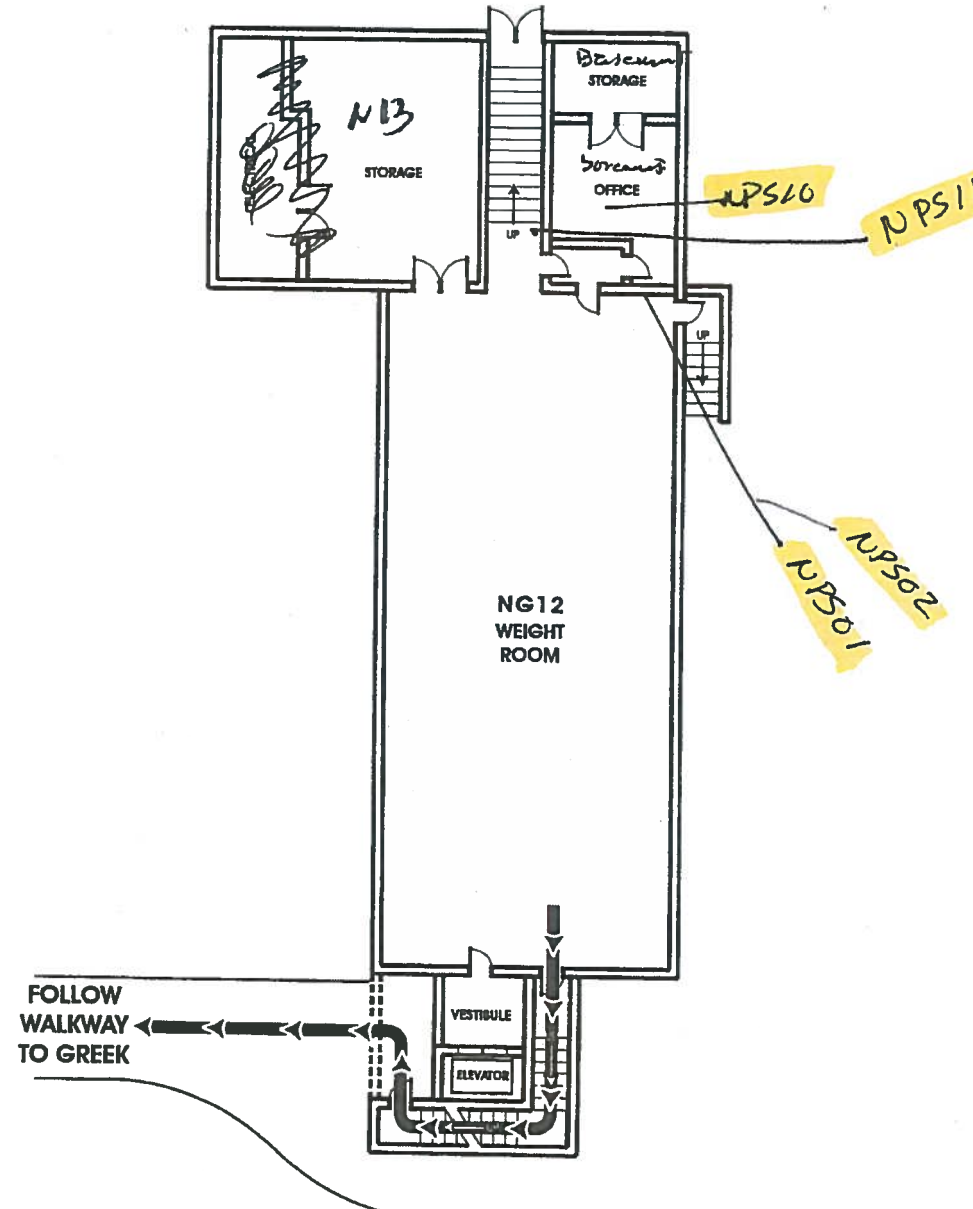
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1st FLOOR NORTH GYM REV 8/2017

EVACUATION ROUTE BASEMENT - NORTH GYM



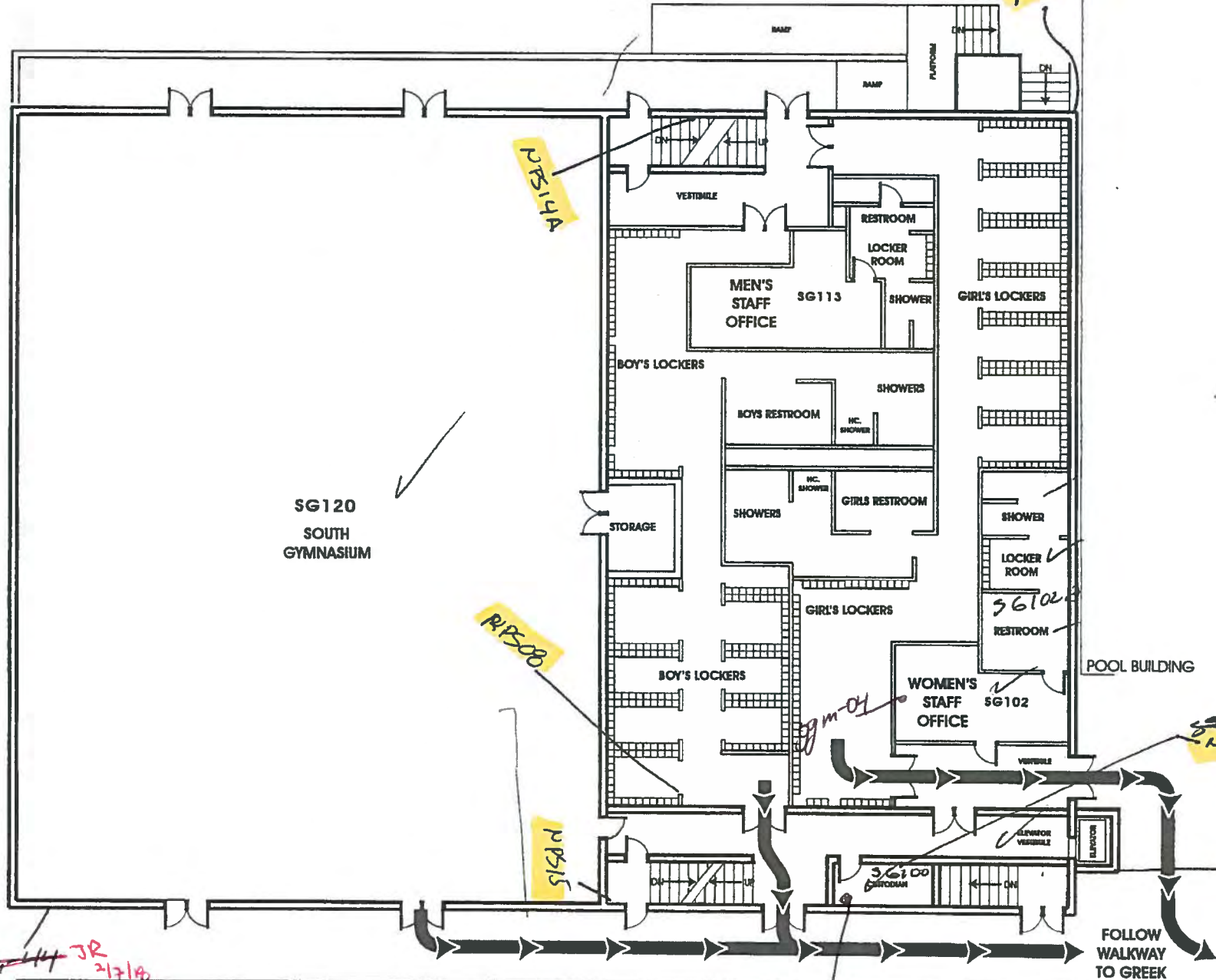
TRACK FIELD



EVACUATION ROUTE FIRST FLOOR SOUTH GYM

TRACK FIELD

POOL BUILDING



SG120
SOUTH
GYMNASIUM

MEN'S
STAFF
OFFICE
SG113

WOMEN'S
STAFF
OFFICE
SG102

SG100
GYMNASIUM

FOLLOW
WALKWAY
TO GREEK

PPS34

PPS30

PPS00

PPS15

PPS07

PPS20

JR
2/7/19

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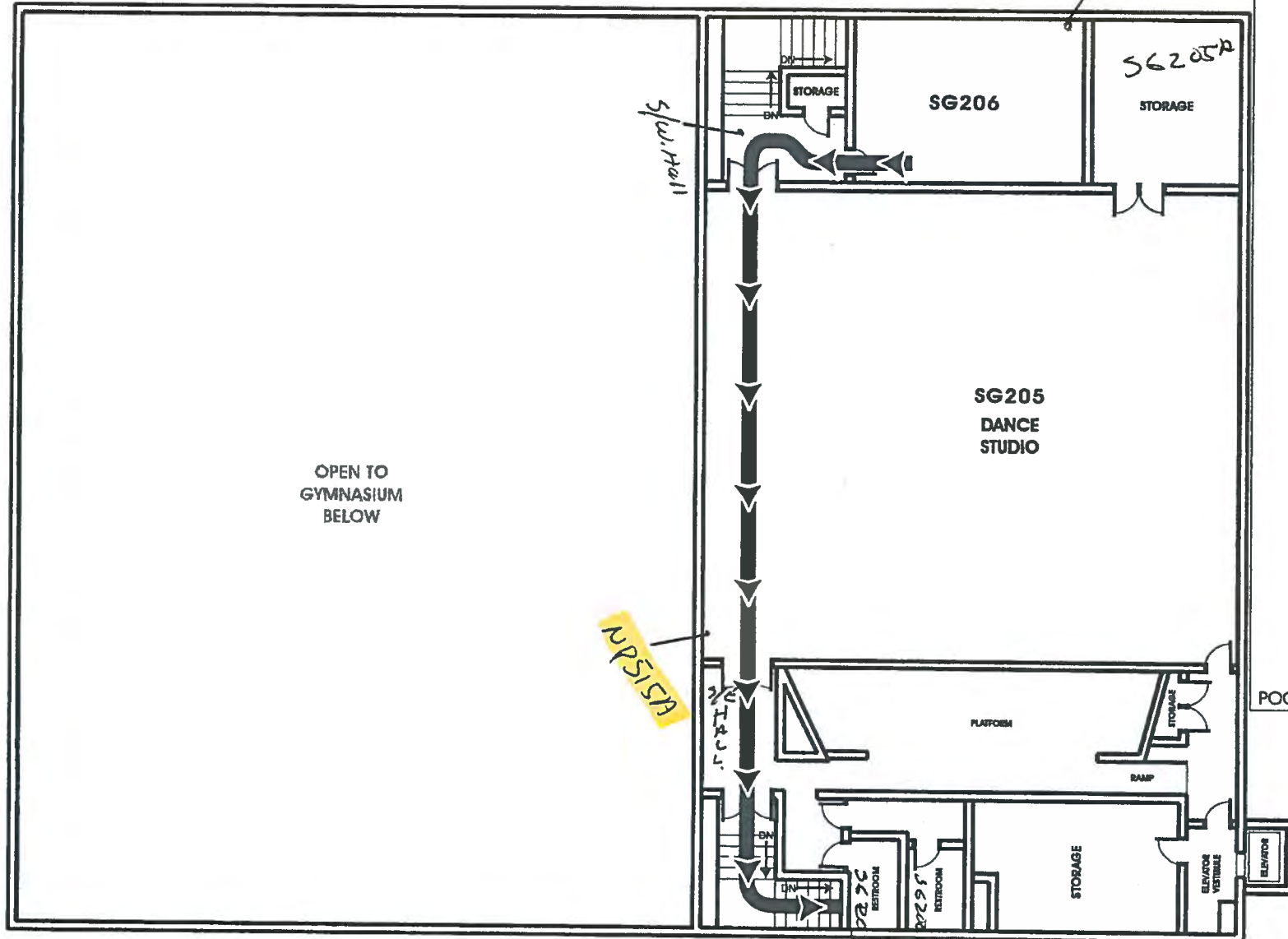
1ST FLOOR SOUTH GYM REV C.COR

EVACUATION ROUTE SECOND FLOOR SOUTH GYM

TRACK FIELD

POOL BUILDING

gym-11



OPEN TO
GYMNASIUM
BELOW

NPSISA

SG206

SG205A

STORAGE

SG205
DANCE
STUDIO

PLATFORM

RAMP

STORAGE

SG205C
RESTROOM

SG205D
RESTROOM

ELEVATOR
VISIBLE

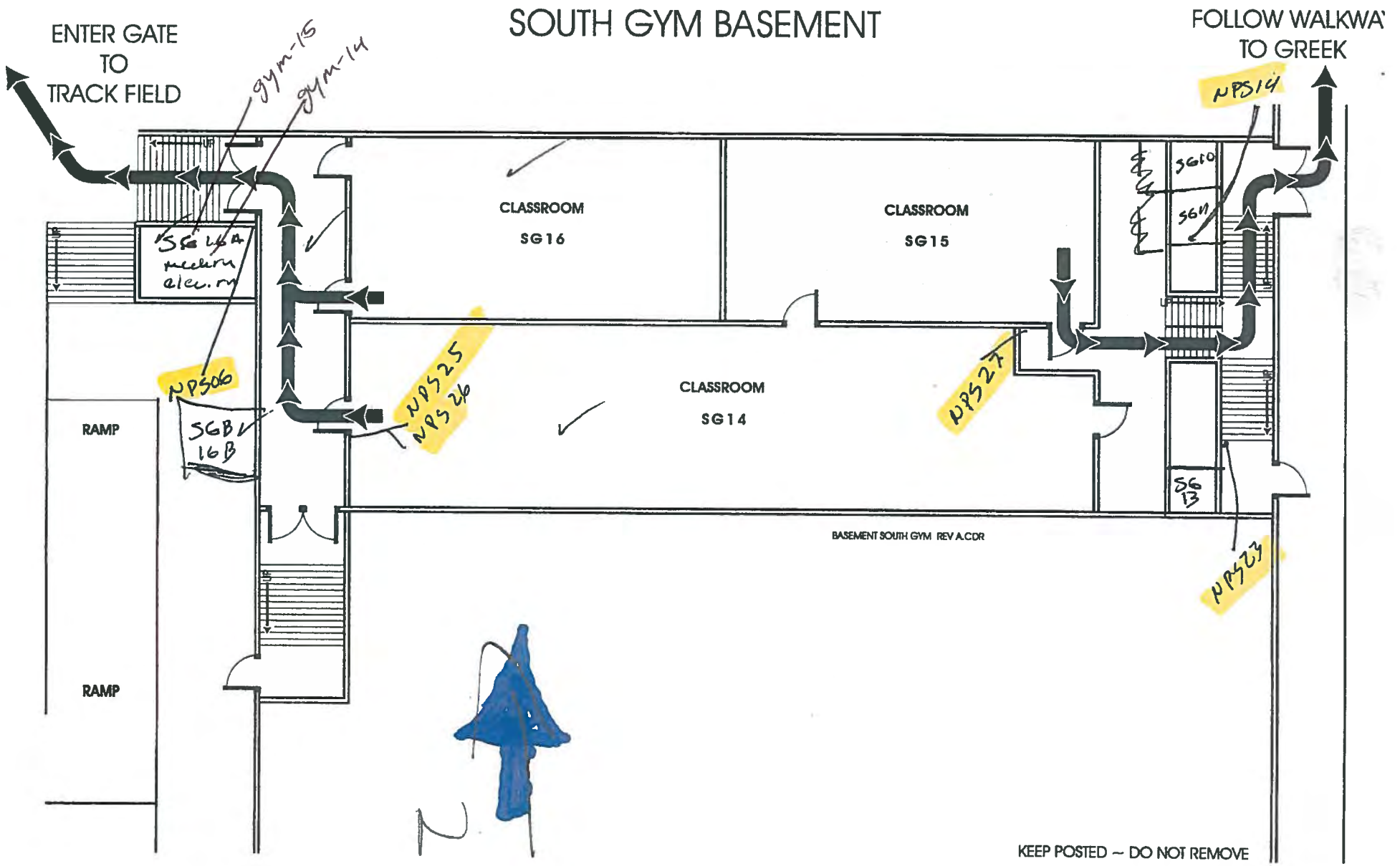
ELEVATOR

POOL BUILDING

FOLLOW
WALKWAY
TO GREEK

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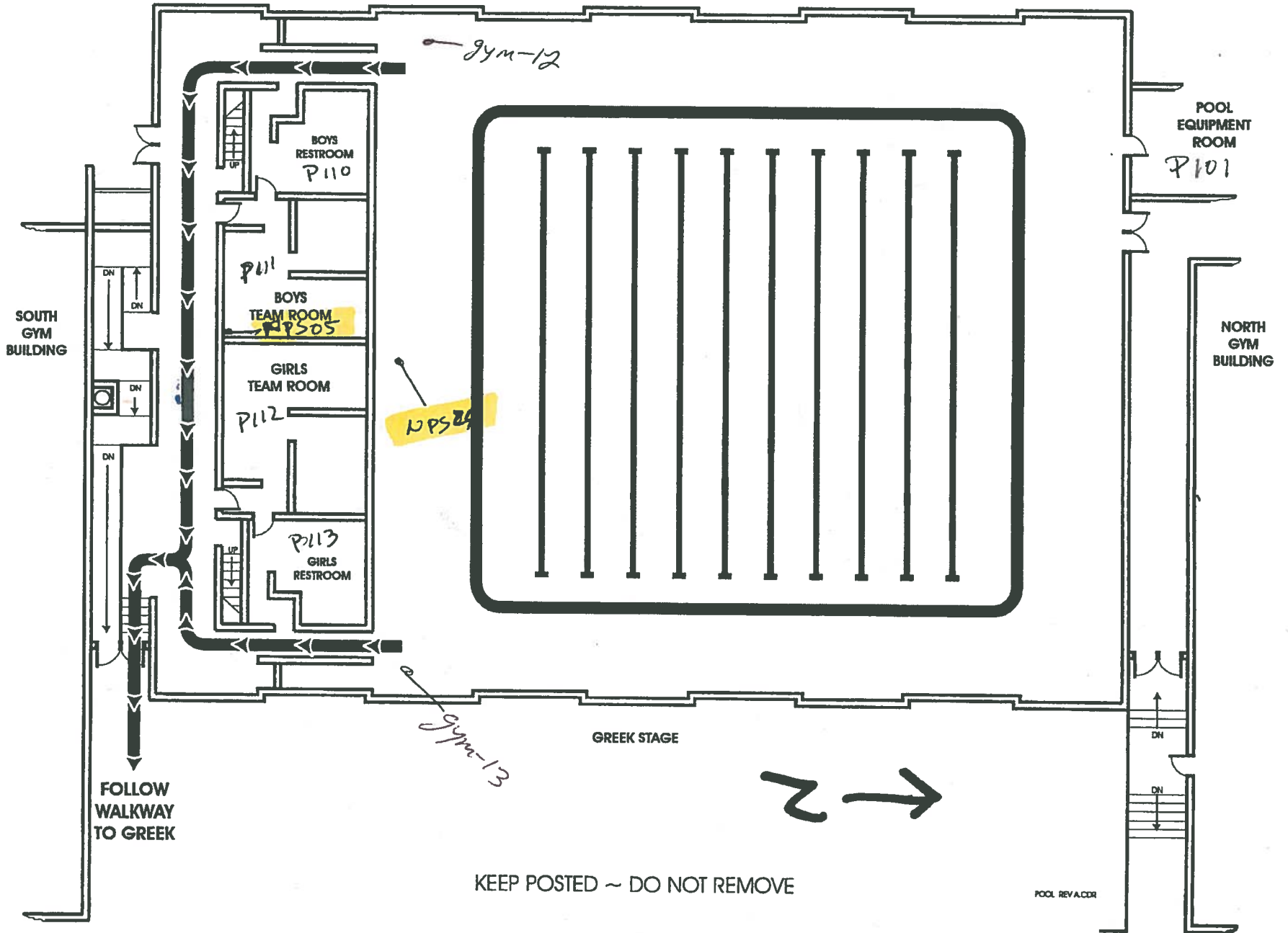
EVACUATION ROUTE SOUTH GYM BASEMENT



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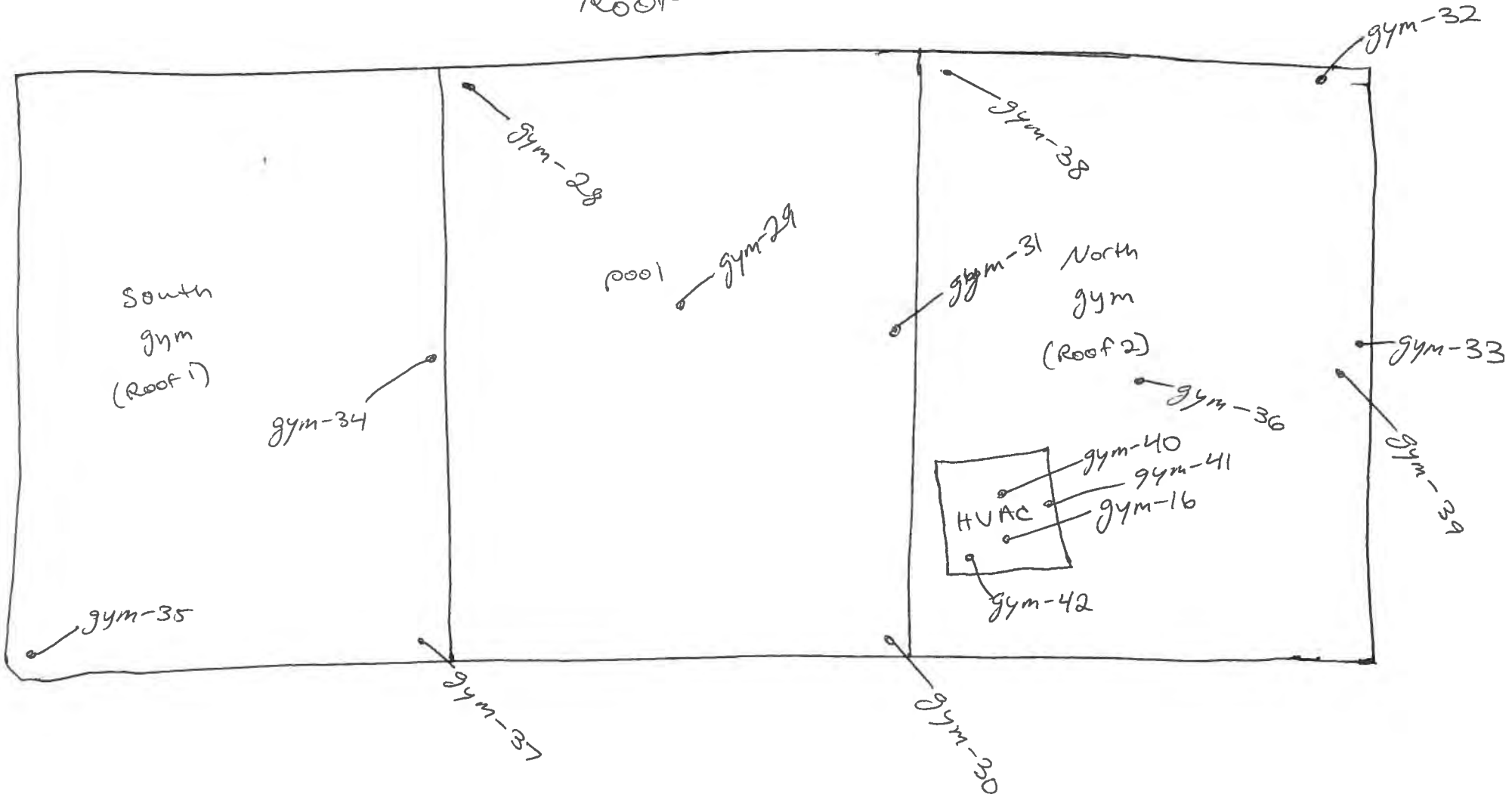
EVACUATION ROUTE POOL BUILDING

TRACK FIELD





Roof





ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMUSD Limited survey: ceilings/ceiling spaces, roofs
 Project No.: SMUSD-18-7472 interior/exterior walls
 Project Name: SAMOH1 Music Bldg

Technician: Jorge Robles
 Date: 2/2/18
 Page: 1 6

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		2'x2' Fissured ceiling Panel	0202-01	M200, NW corner	Rms M200, elevator lobby, stairwell lobby 2nd floor, M101A, M102A, percussion storage	3800ft ²	Y	N
			-02	M101A, N ctr	↓	↓		
			-03	percussion storage, ctr	↓	↓		
		12" Random pebble ceiling tile w/ mastic	-04	2nd floor prac. Rm 3, ctr	M100B, 100C, vestibule, 1st & 2nd floor practice rooms, M202, 2nd floor foyer, vestibule	4200ft ²	Y	N
			-05	2nd floor prac. Rm 1, ctr	↓	↓		
			-06	M100B, SW corner	↓	↓		
		12" Fissured ceiling tile w/ mastic	-07	library, SE corner	library, M100, vestib.	3500ft ²	Y	N
			-08	↓ W ctr	↓	↓		
			-09	M100, NE corner	↓	↓		
		Drywall (wall)	-10	M200, SE corner	Rms M200, 201A, B, C, D, E, M202, M200A, 101A, 101D, 101, 104, 105, 102, percussion storage, 100B, instrument storage	6500ft ²	N	N
			-11	M101 N ctr	↓	↓		
			-12	M102, NW corner	↓	↓		



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ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SAMOH1 MNSR Bldg

Technician: Jorge Robles
 Date: 2/2/18
 Page: 2 6

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywall mud (wall)	0202-13	M200 NW corner	M200, 201A, B, C, D, E, 202, 200A, 101A, 1010, 1011, 101, 103, 102, percussion storage, 100B, instrument storage	6500ft ²	N	N
			-14	M201C S ctr				
			-15	M202 N ctr				
			-16	M104 NE corner				
			-17	M101 SW corner				
			-18	M103 N ctr				
			-19	M103 NE corner				
		Drywall composite w/ drywall mud	-20	M101 NE corner		6500ft ²	N	N
		Drywall ceiling	-21	M200 ctr	Rms M200, 201A, 201B, 201C, 201D, 201E, 200A, 200	3200ft ²	N	N
			-22	M201A, N ctr				
			-23	M201D NE corner				



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SANOH1 MUSIC Bldg

Technician: Jorge Robles
 Date: 4/15/18
 Page: 3 6

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywall and ceiling	0202-24	M200, ctr	Rms M200, 201A, B, C, D, E, 200A	3500ft ²	N	N
			-25	M201B, N ctr	↓	↓		
			-26	M201C, S ctr				
			-27	M201A, NW corner				
			-28	M200A, ctr				
			-29	M200, NW corner				
		Drywall ceiling composite w/ mud				3500ft ²	N	N
		Grey duct sealant	-30	Roof HVAC ctr	Roof HVAC system and air ducts	500lnft	N	N
			-31	↓ N ctr	in ceiling spaces throughout bldg	↓		
			-32	Mech Rm E ctr	↓	↓		
		White duct sealant	-33	Mech Rm S ctr				
			-34	Roof HVAC NW				
			-35	↓ SE	↓	↓		



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-187472
 Project Name: SAMOTH1 Music Bldg

Technician: Jorge Robles
 Date: 2/2/18
 Page: 4 of 6

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		White rolled on roof core	-36	Roof 1 ctr	All roof levels	18000 ft ²	N	N
			-37	↓ NE corner	↓	↓		
			-38	Roof 2, ctr	↓	↓		
		White penetration mastic	-39	Roof 1 SW pen	All roof levels	400 ft ²	N	N
			-40	Roof 2 NE pen	↓	↓		
			-41	↓ N ctr pen	↓	↓		
		Window Putty	-42	exterior NW	Exterior Windows	300 ft ²	N	N
			-43	↓ SE	↓	↓		
			-44	↓ N ctr	↓	↓		
		Button Board	-45	M100, NW corner	(above acoustical plaster ceiling) M100	5200 ft ²	N	N
			-46	1st floor practice Rm 2, ctr	1st floor practice rms, M200B, 100B, 100C office, girls & Boy's RR	↓		
			-47	100B, W ctr	↓	↓		
		roofing debris	-48	Mech Rm, ctr	^{roof} At hatch and 2nd floor ceiling space	18000 ft ²	N	N
			-49	Roof hatch N ctr	↓	↓		
			-50	2nd floor lobby, S ctr	↓	↓		



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

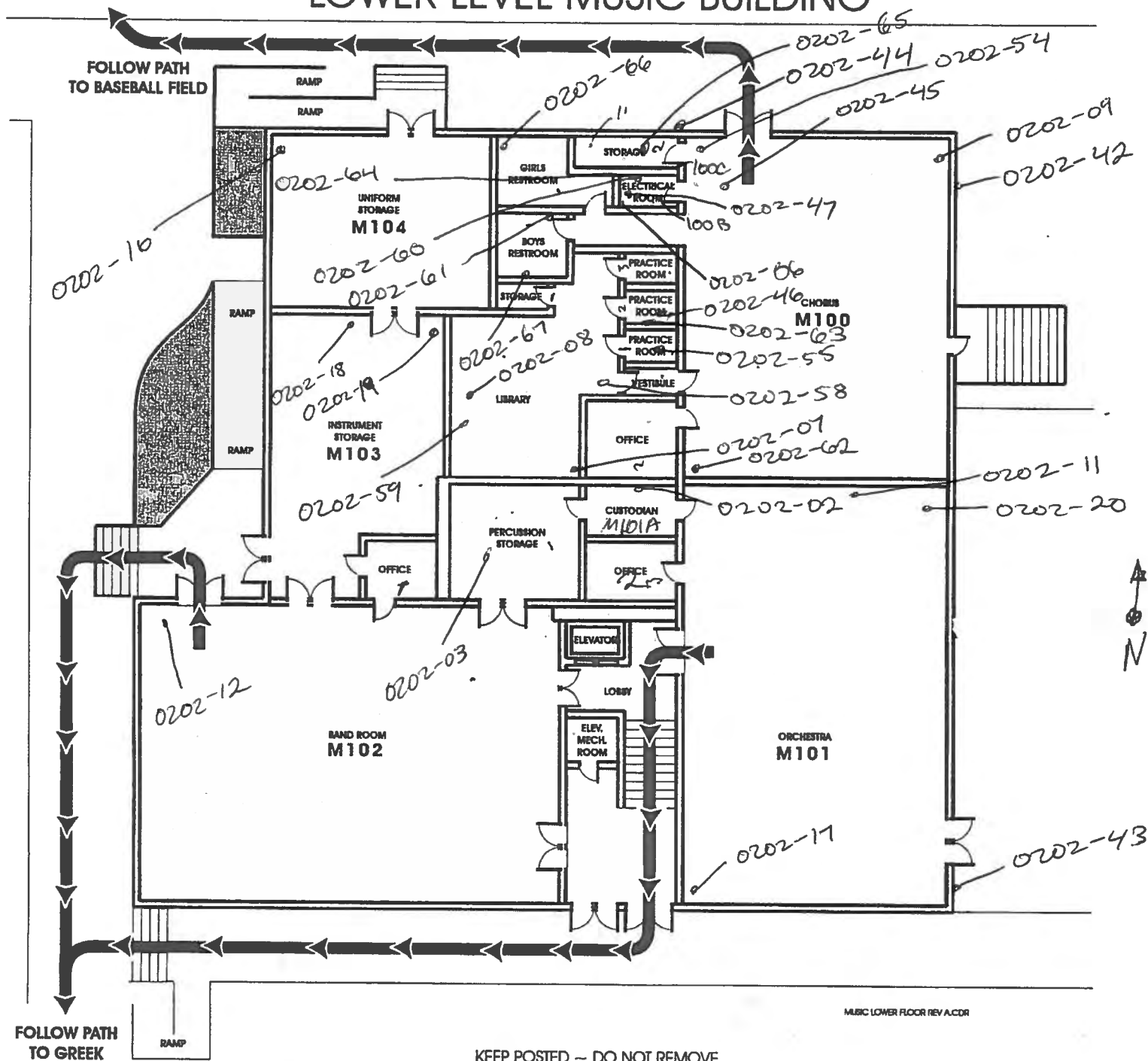
Client: SUMUSD
 Project No.: SMUSD-18-7472
 Project Name: SAMOH1 Music Bldg

Technician: Jorge Robles
 Date: 2/2/19
 Page: 5 6

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Barrier paper (in stucco)	0202-51	Exterior N ctr	Exterior walls behind stucco	6300ft ²	N	N
			-52	NW corner				
			-53	SE corner				
		Acoustical wall panel/board	-54	M100, NW corner	1st & 2nd floor practice rooms, M100, M202, M200	3000ft ²	N	N
			-55	1st floor practice rm 1 ctr				
			-56	2nd floor practice rm 3 ctr				
		Rough wall plaster	-57	M200B SE corner	M200B, library, 105D, 1st floor practice rooms, 100B, 100C, M100, office	3800ft ²	N	N
			-58	library E ctr	girls & boys RR, storage, elec rm			
			-59	W ctr				
			-60	elec rm, N ctr				
			-61	Boy's RR, NW corner				
		Acoustical plaster ceiling	-62	M100, SW corner	M100, 1st floor mens & women's RR, library, 1st floor practice rooms,	5200ft ²	N	N
			-63	1st floor practice rm 2 ctr	M200B, 100B, 100C, office, girls & boy's RR.			
			-64	100B W ctr	(above 12" fissured ceiling tiles)			
			-65	100C SE corner	(and 12" random peghole c.t. 1st floor)			
			-66	girl's RR NW corner				
			-67	Boy's RR S ctr				

100A main drive

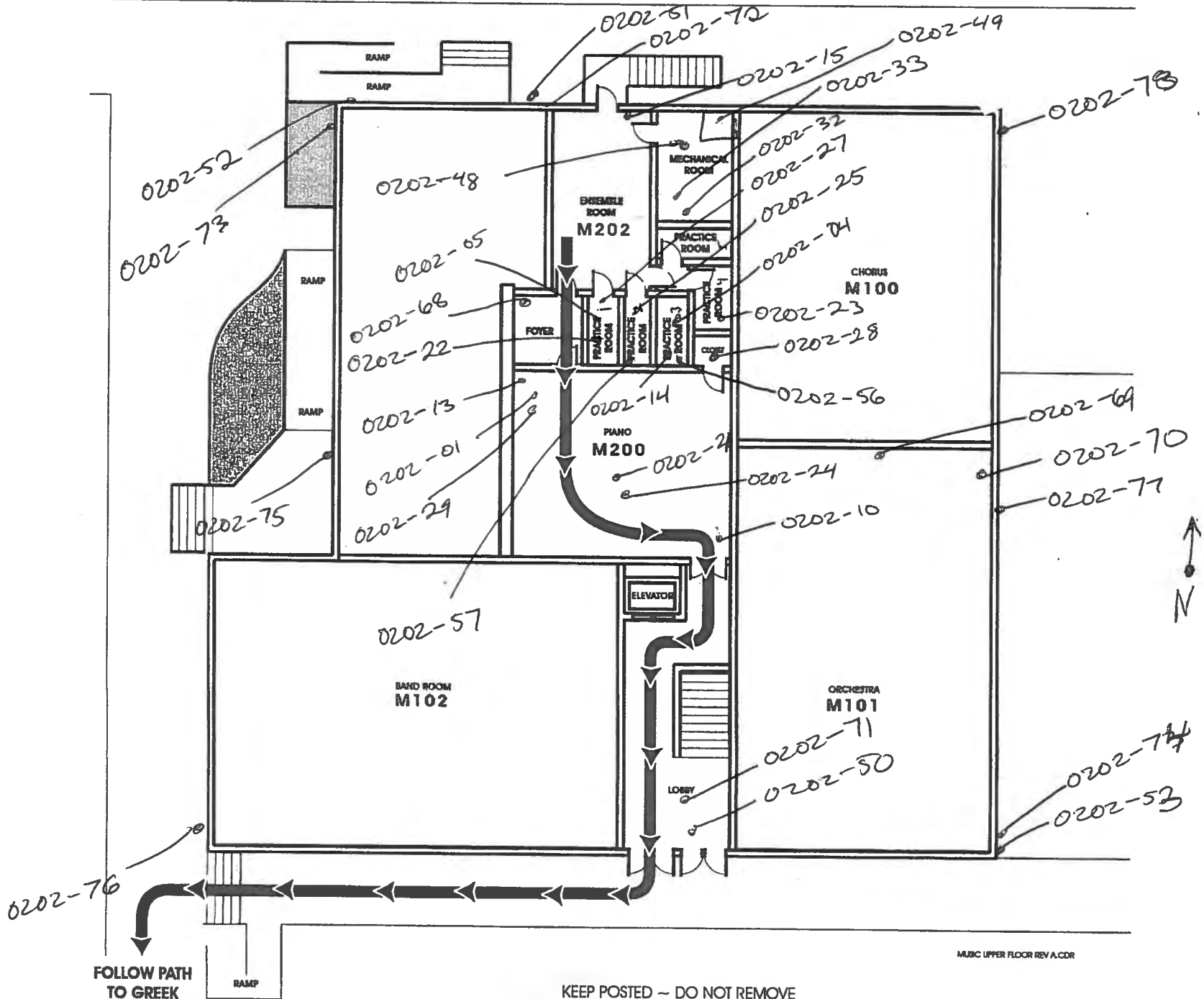
EVACUATION ROUTE LOWER LEVEL MUSIC BUILDING



MUSIC LOWER FLOOR REV A.CDR

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EVACUATION ROUTE UPPER LEVEL MUSIC BUILDING

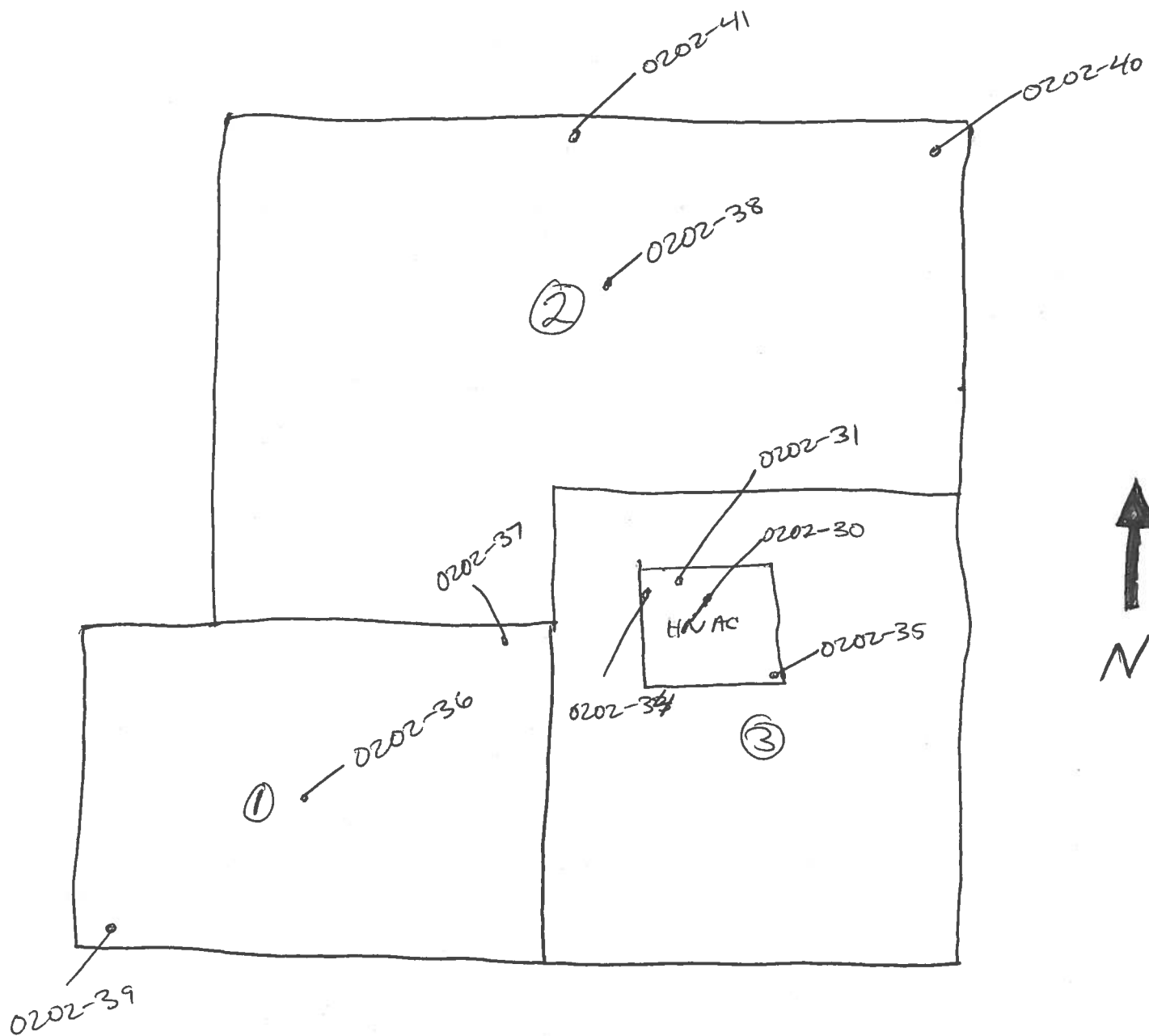


FOLLOW PATH TO GREEK

KEEP POSTED -- DO NOT REMOVE

MUSIC UPPER FLOOR REV A.CDR

Music Bldg Roof





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ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD Limited Survey: Roofs, ceilings/ceiling spaces Technician: Jorge Robles
 Project No.: SMSD-18-7472 interior/exterior walls Date: 1/30/18
 Project Name: SIAMOH1 Language/Library Bldg Page: 1 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Silver Roofing	P.S. Neg	LH1201 → 203	Roof	11000ft ²	N	N
		Base flashing Roof Panels	P.S. Positive	LH1301 → 1303	Roof	300ft ²	N	N
		Exterior Stucco Wall/Ceiling	P.S. Positive	LH1401 → 1405 LL1501 → 1505	Exterior walls and overhang	9500ft ² 13500ft²	N	N
		Ceiling Access Panels	P.S. Positive	LH1601	Rm L104 thru L116, Rm L204 thru L210	20 units	N	N
		Heat water Pipe Insulation	P.S. Positive	LL0301 → LL0303	discontinued NA			
		Gypsum Ceiling	P.S. Neg	LH2001 thru LL2003	Corridors	1900ft ²	N	N
		Rough Plaster	P.S.	LL0501 → LL0503	Transformers on L107C, L109A, Mech Rm	950 sq/ft	N	N

[Handwritten mark]



Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSO-18-7472
 Project Name: SAMOHI Language / Library Bldg

Technician: Jorge Robles
 Date: 1/30/18
 Page: 2 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Gypsum Board walls	P.S. Neg	LL1001-11003	L210D, L210E, L210C, L210F, L108, L106, L113, L115, L116	1800 sqft	~	~
		Dry wall	P.S. Neg	L03, L13,	LRs, L208B, L206B, L206A, L207A, L5107D, L123A, L107A,	3500 sqft	N	N
		↓	0130 01	L123A NCR L1072	L11K, L117, L117B, L117C			
			0130 02	L117B NCR				
		Jt. Compound	P.S. Neg	L04, L13-D L16				
		X	03					
			04					
			05					
			P 06					



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SAMOH1 Language

Technician: Jorge Robles
 Date: 1/30/18
 Page: 3 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		HVAC Jt. Co-pd	P.S. Neg	LOS	2nd floor ceiling spaces throughout	50 ft ²	N	N
		↓ See	0130 03	2nd floor corridor ... , ctr on	HVAC			
		↓	0130 04	2nd floor corridor ... , ctr on	HVAC			
		Smooth Plaster	P.S. Neg	LL0701-06709	Interim - throughout	26000 sqft	N	N
		12" Randa Polyure C.T. w/ glue	P.S. Neg	LL0901-LL1003	L210, L208, Corridors, L206, L207, L107, L105, L106, L107, L108, L108A, L109, L114, L115, L116, L118	19500 sqft	N	N
		12" Faced C.T. w/ glue	P.S. Neg	LOS	1 st → 2 nd Floor Corridors	1750 sqft	N	N
		↓	0130 05	1st floor corridor w ctr				
		↓	06	2nd floor corridor E ctr				
		(Glue only)	-700	2nd floor corridor N w end				



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ENVIRONMENTAL

Asbestos Field Bulk Sample List

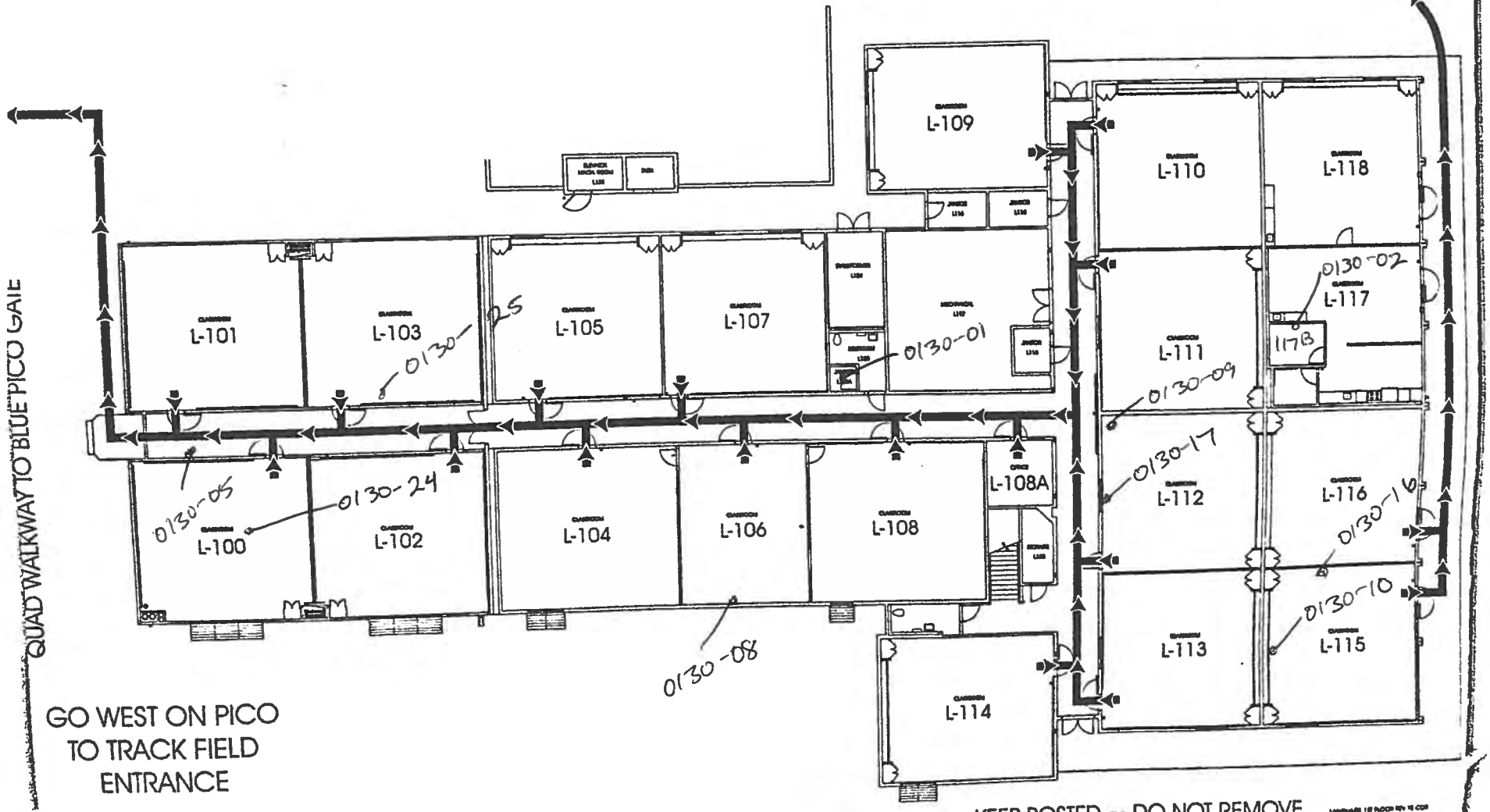
Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SAMD11 Language

Technician: Jorge Robles
 Date: 1/30/18
 Page: 4 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Acoustical Plaster ceiling	0130-08	Rm 406, S ctr	On button board, above ceiling tiles,	50,000ft ²	N	N
			-09	Rm L112, NW corner	1st & 2nd floors throughout except			
			-10	Rm, L115, W ctr	RR's and storages.			
			-11	Rm 203, W ctr				
			-12	Rm 210, N ctr				
			-13	Rm 202, N ctr				
			-14	Rm 206, ctr				
		Button Board	-15	Rm 206 ctr	* On acoustical plaster ceiling	50,000ft ²	N	N
			-16	Rm L115, N ctr	above ceiling tiles 1st & 2nd floor			
			-17	Rm L112 W ctr	throughout except RR's and storage.			
		Gray Patch Mastic	-18	Roof NW corner	Patch work on roof	200ft ²	N	N
			-19	SW corner				
			-20	E ctr				
		Roof Mastic	-21	NE per	Roof penetration	400ft ²	N	N
			-22	SW per				
			-23	N ctr per				

EVACUATION ROUTE LANGUAGE BUILDING - 1st FLOOR

TO
SOFTBALL
FIELD



QUAD WALKWAY TO BLUE PICO GAIT

GO WEST ON PICO
TO TRACK FIELD
ENTRANCE

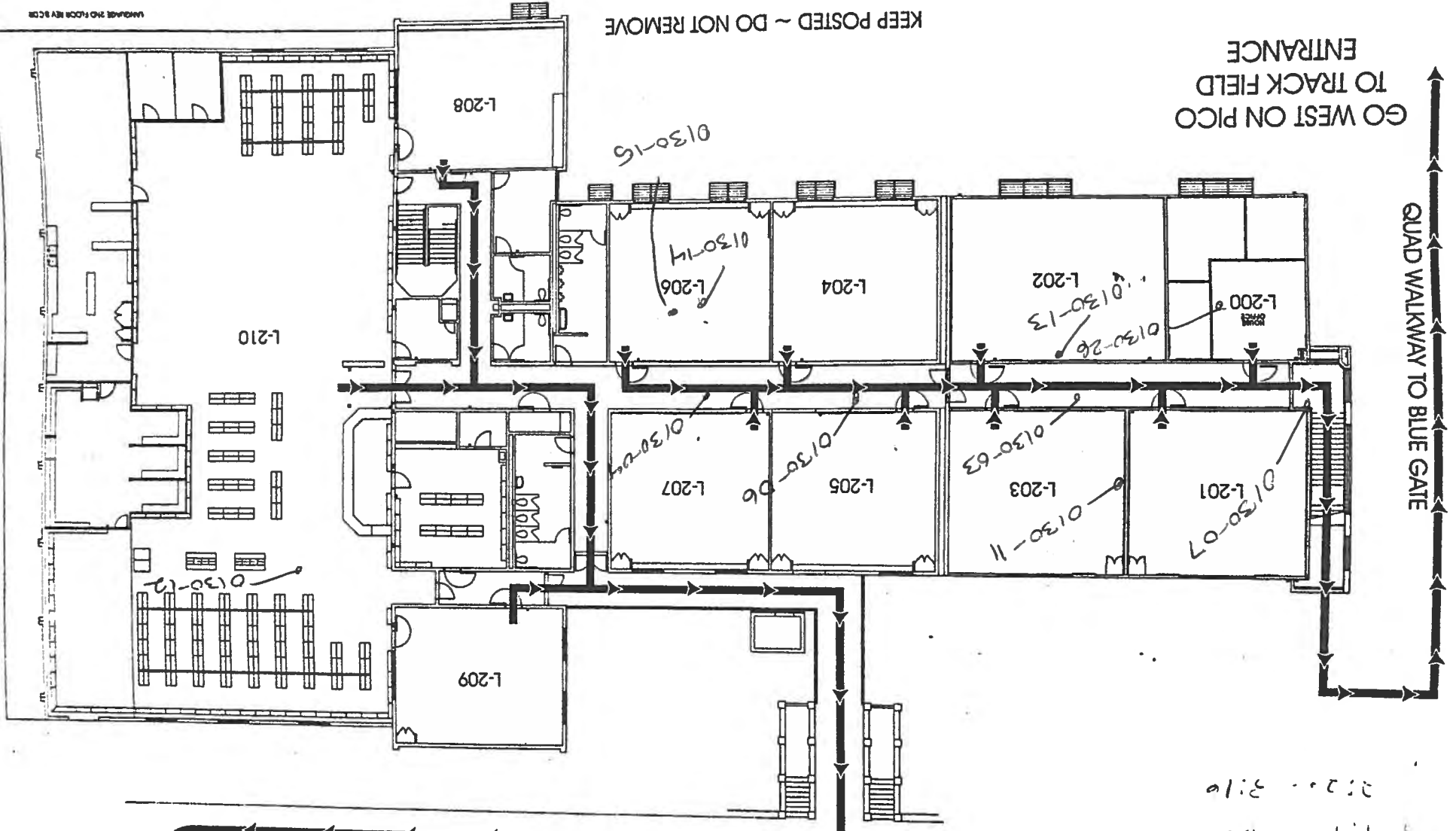
KEEP POSTED - DO NOT REMOVE

LANGUAGE 1st FLOOR BY 12/05

TO
SOFTBALL
FIELD

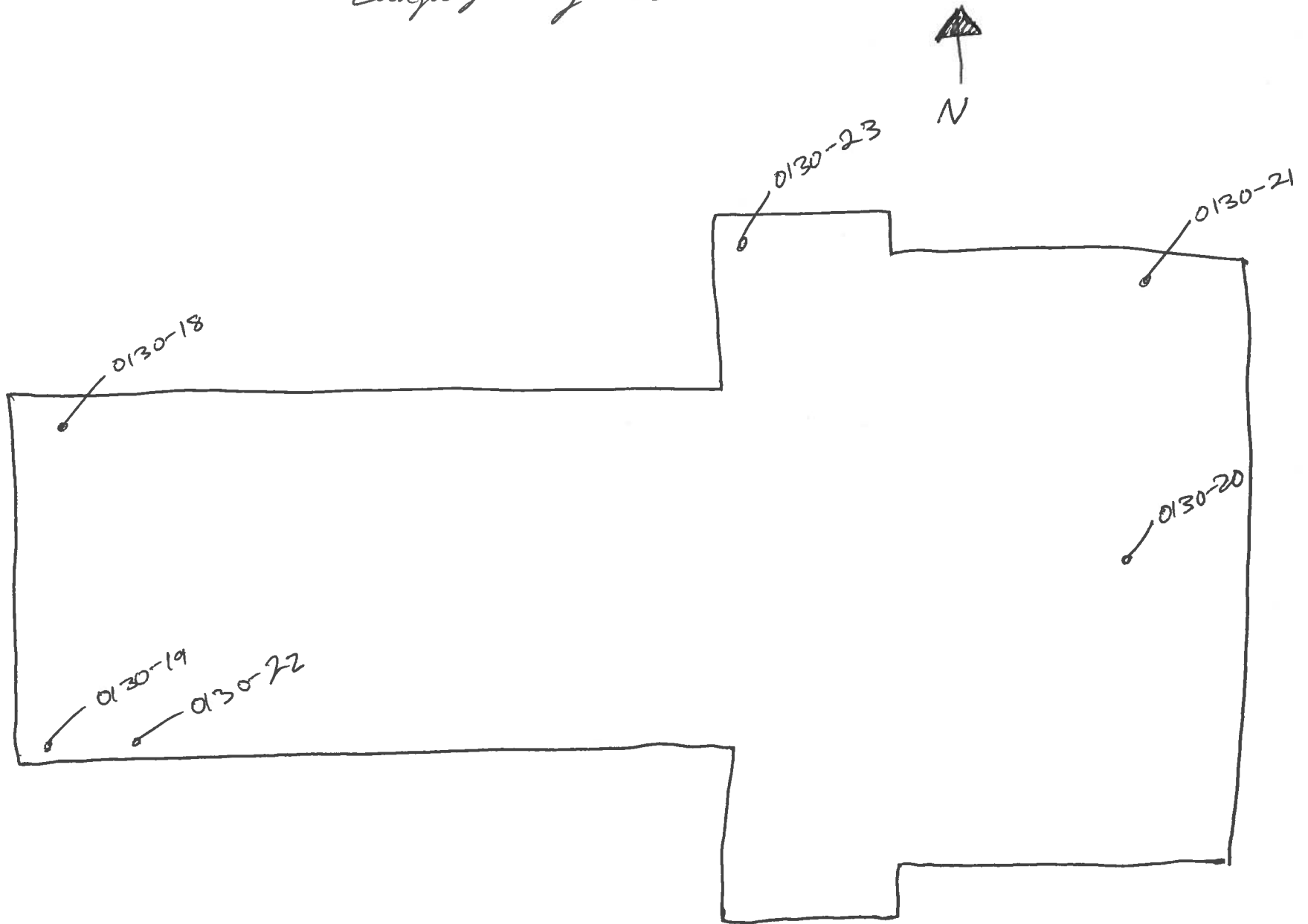
EVACUATION ROUTE LANGUAGE BUILDING - 2nd FLOOR

- 1 8:15 9:11
- 2 9:25 10:20
- 3 10:30 11:32
- 4 11:35 12:35
- 5 1:12 2:14
- 6 2:20 3:10



UNIVERSITY 2ND FLOOR REV 10/02/08

Language Bldg Roof





ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD *Limited Survey of Roofs, ceiling/ceiling spaces*
 Project No.: SMSD-18-7472 *interior/exterior walls*
 Project Name: SANDH1 *History Bldg*

Technician: Jorge Robles
 Date: 1/30/18
 Page: 1 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Smooth plaster walls	0130-H1	1st floor hallway, w ctr	Basement, 1st & 2nd floor Hallways	6000ft ²	N	N
			-H2	NW corner				
			-H3	SE corner				
			-H4	N end, ctr				
			-H5	2nd floor hallway, w ctr				
			-H6	NE corner				
			-H7	SW corner				
		Rough plaster walls	-H8	Rm 127 E ctr	1st floor Rms 127, 125, 101, 103, 100, 102, 104, 107, 106, 106A, 106B, 106C, 106D, 113, 114, 116, 118, 120, 115, 119, 123, 121, 122, 2nd floor Rms 201, 200, 203, 202, 205, 204, 207, 208, 209, 210, 213, 214, 215, 216, 217, 218	16000ft ²	N	N
			-H9	Rm 116 NW corner				
			-H10	Rm 102 NW corner				
			-H11	Rm 210 NE corner				
			-H12	Rm 216 W ctr				
			-H13	Rm 213 N ctr				
			-H14	Rm 205 SE corner				
		Window Putty <i>(resampling b/c of trace sample)</i>	-H15	Rm 103 window ctr	Exterior windows	600 lft	N	N
			-H16	Rm 114 window ctr				
			-H17	Rm 120 window ctr				
			P.50 H06-08	< 1% Chrysotile				

* HVAC units mounted onto interior walls in classrooms



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SHAMOH History Bldg

Technician: Jorge Robles
 Date: 1/30/18
 Page: 2 of 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		soft rough plaster	H16-H22 P.S.	3% Chrysotile	Rms H101, H102, H100, H106, H114, 116, 118, 120, 122, 121, 119, 200, 201, 202, 203, 204, 205, 207, 208, 209, 210, 213, 214, 215, 216, 217, 218, 1st & 2nd floor hallway *above 12" peghole in all classrooms *except RR's, custodian closets.	39000 ft ²	N	N
		Plaster ceilings	P.S. H301-H303	None detected	H117A custodian rm, H117B, H117A, H117, H020, H021, H023, H206 *only in custodian closets, RR's, and storages	1000 ft ²	N	N
		12" Peghole CeTo w/mastic (walls & ceilings)	P.S. H201, H202, H203, H205	None Detected	H125, H101, H100, H02, H06, A, B, C, D, H117, H116, H120, H122, H119, H121, H200, H201, H203, H204, H205, H207, H208, H209, H210, H213, H215, H217, H216, H218	23000 ft ²	N	N
		Drywall	P.S. H10, H21A	None detected	H104, H104A, H104B, H107, RR, H114, H116, H206, H203A, H212			



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ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SAMOH1 History Bldg

Technician: Jorge Robles
 Date: 1/30/18
 Page: 3 of 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywall joint compound	P.S. H11-H15	None Detected	H104, H104A, H104B, H107 men's RR H114, H116, H206, 203A, H212	3200ft ²	N	N
		2x2' fissured ceiling panel	0130-H18 0130-H19	Rm H118 ctr Rm H114, N ctr	H118, H116, H114	2700ft ²	Y	N
			0130-H20 1/30/18					
			P.S. H23	None Detected				
		2x4' fissured ceiling panel	P.S. H28	None Detected	H127, H127B	900ft ²	Y	N
			0130-H20	Rm H127 N ctr				
			0130-H21	Rm H127B, W ctr				
		Gypsum board	P.S. H30	None Detected	Basement hallway above ceiling tiles.	950ft ²	N	N
			0130-H22	Basement hallway, ctr				
			0130-H23	I, N end, ctr				
		12" random peg hole ceiling tile w/ mastic	P.S. H31	None Detected	Basement hallway	900ft ²	N	N
			0130-H-24	Basement hallway, ctr				
			0130-H25	I N end ctr				



ALTA
ENVIRONMENTAL

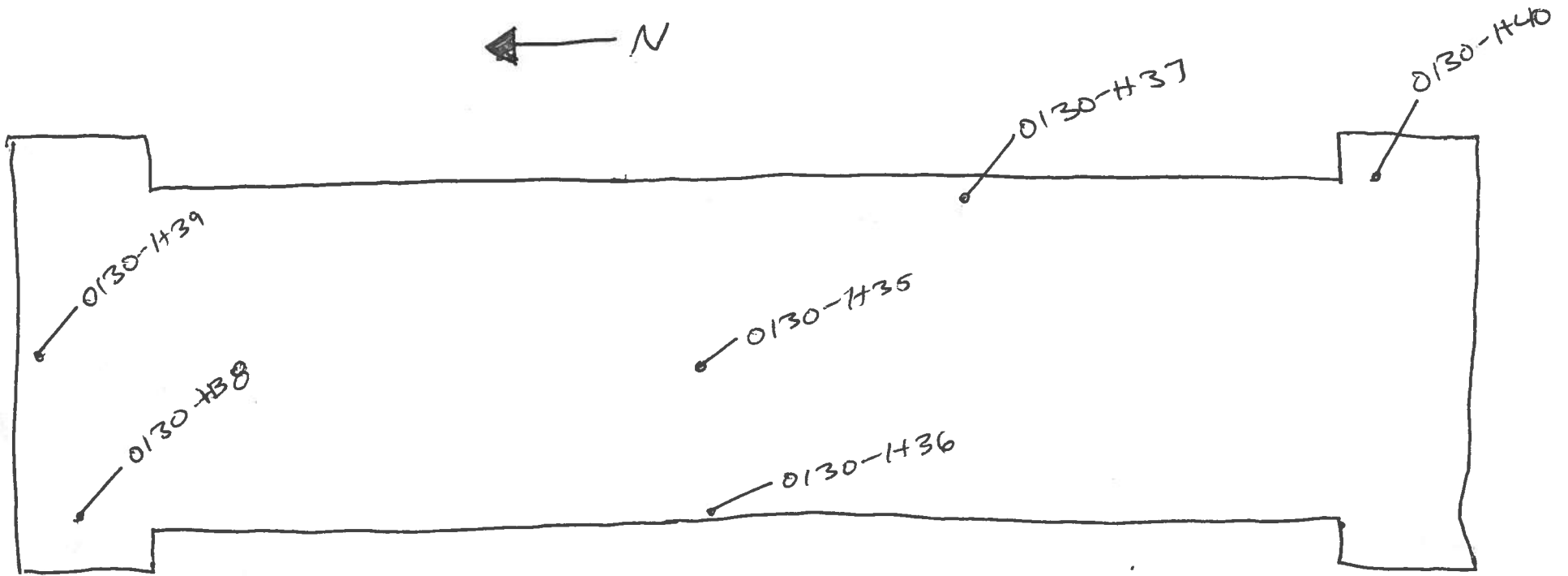
Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SANMONTI History Bldg

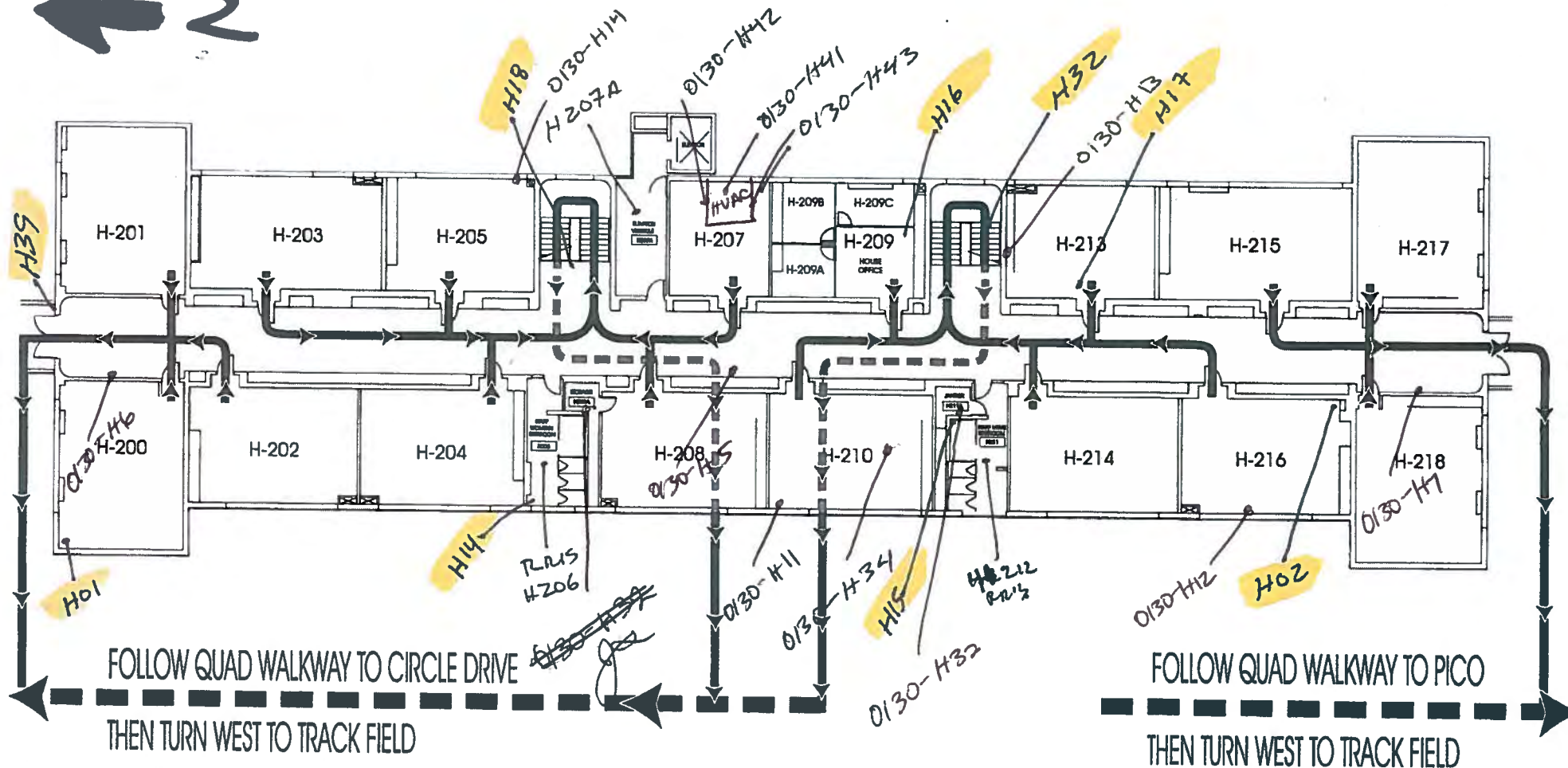
Technician: Fabian Ruvalcaba / Jorge R
 Date: 1/30/18
 Page: 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		TS1 pipe insulation			Basement hallway in ceiling space, Rm, H023 storage	800 lbf	Y	N
		Button Board	0130-H26	Basement hallway ctr	Basement hallway and above	16000 lbf	N	N
			-H27	N end ctr	Ceiling tiles throughout bldg.			
			-H28	S end ctr				
			-H29	H023 storage, ctr				
			-H30	Basement hallway N end				
			-H31	S end.				
		Roofing debris	-H32	At hatch Janitor's closet	2nd floor ceilings spaces throughout	16000 lbf	Y	N
			-H33	ctr H214 ceiling space				
			-H34	ctr, H210 ceiling space				

History Bldg Roof



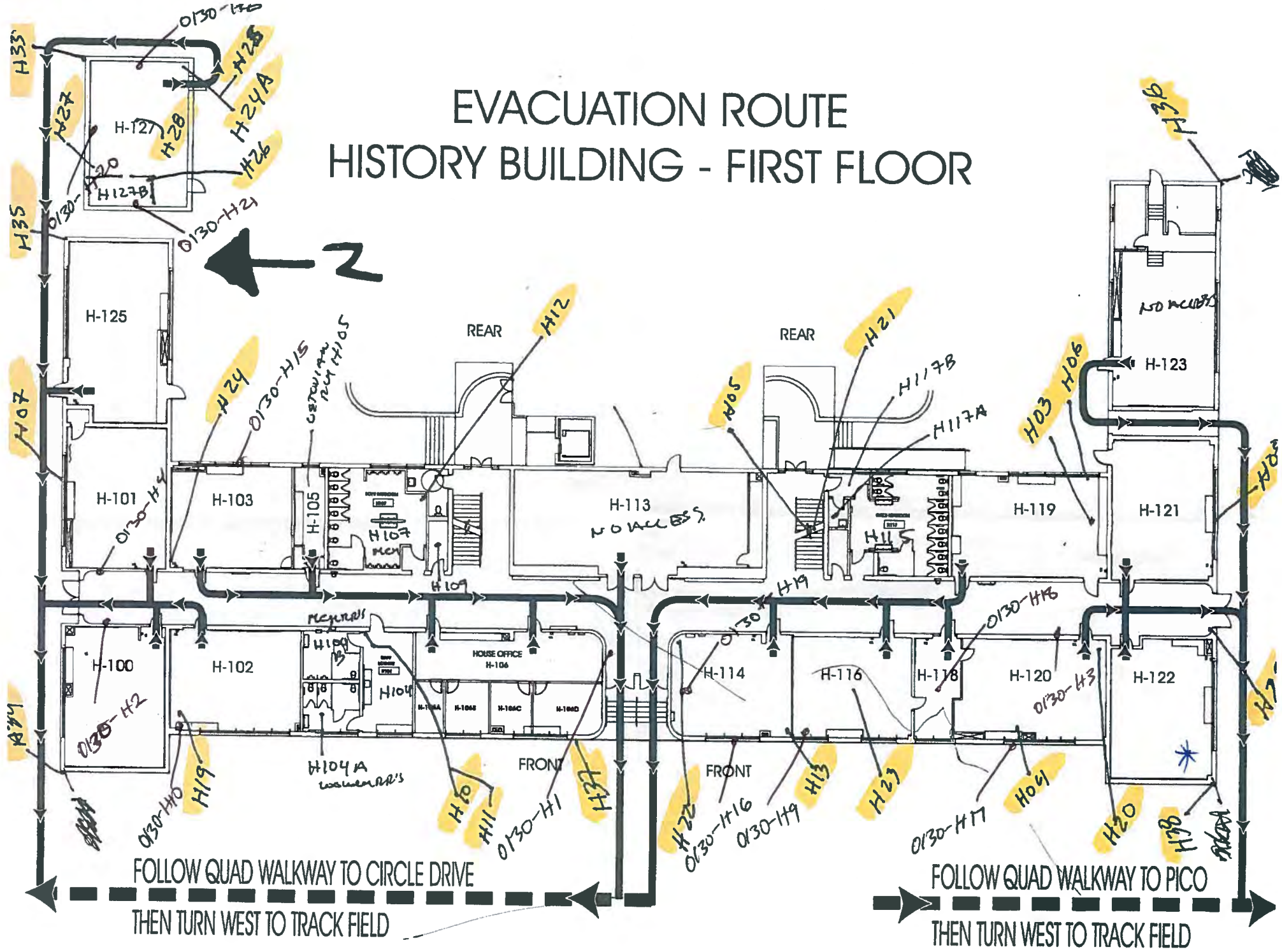
EVACUATION ROUTE HISTORY BUILDING SECOND FLOOR



HISTORY 2nd FLOOR Rev C.CDR

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EVACUATION ROUTE HISTORY BUILDING - FIRST FLOOR



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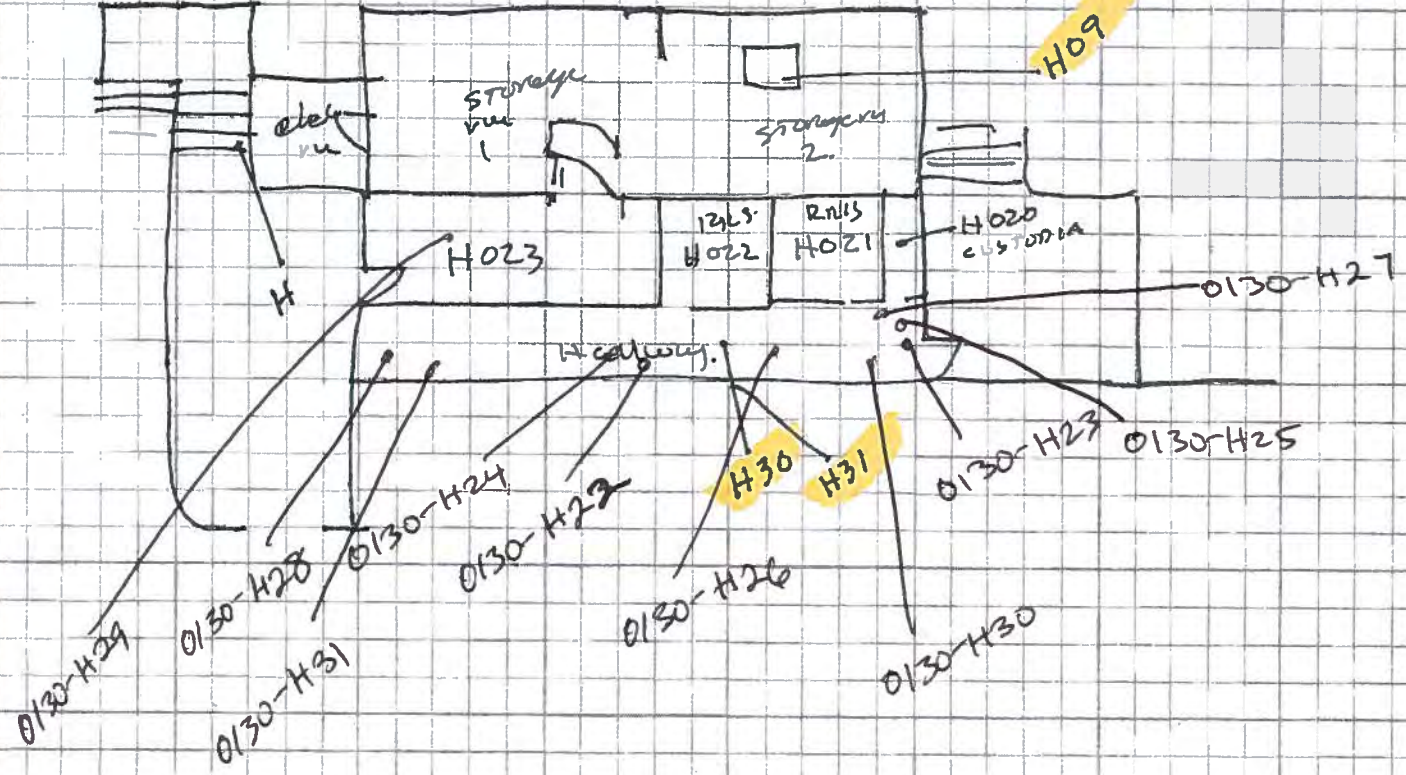
DESCRIPTION: Basement Flr. History bldg

JOB NAME: Santa Monica HS

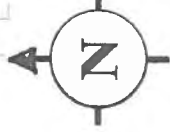
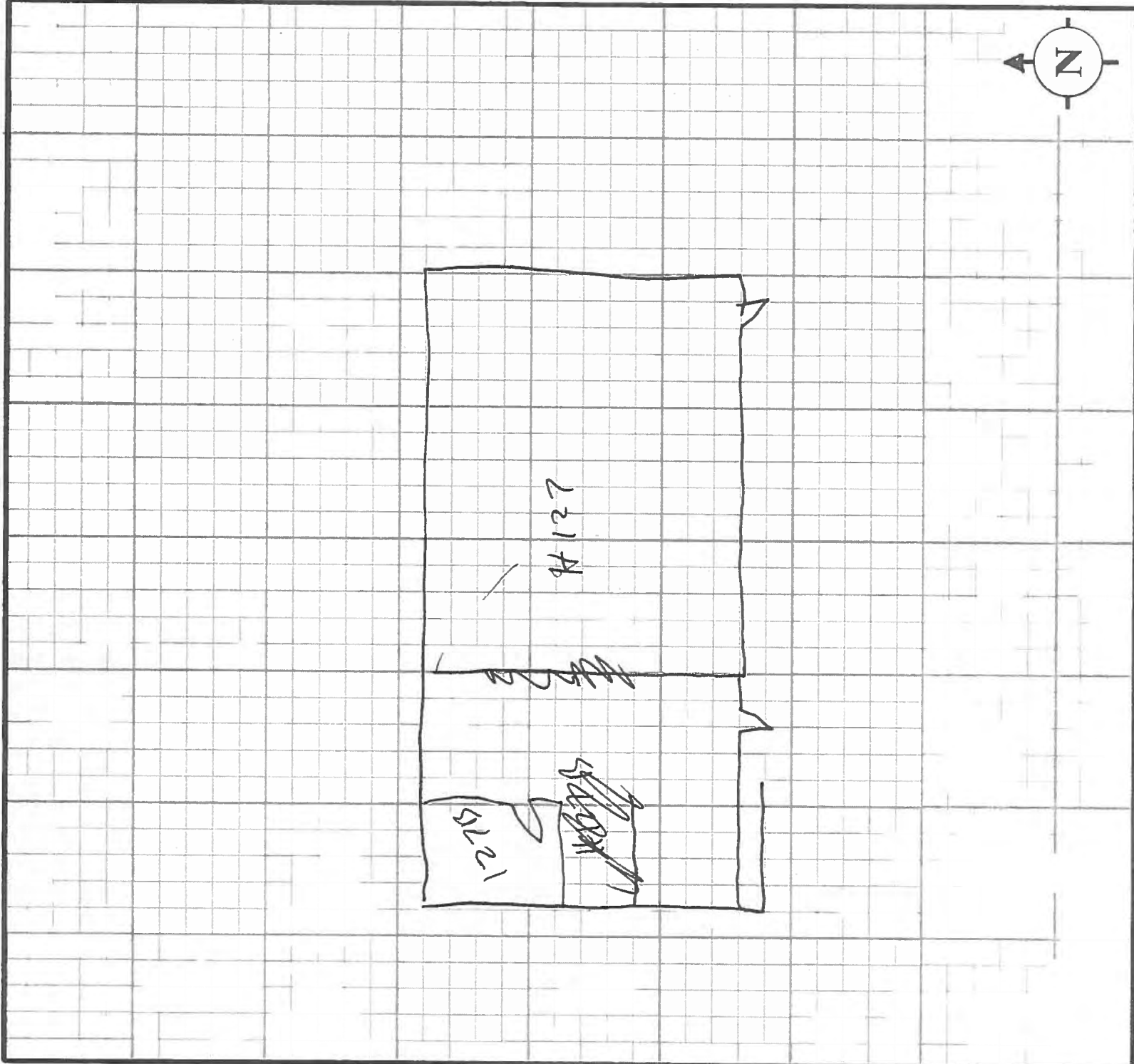
JOB NO: 107-0008 DATE: 4-4-03

DRAWN BY: V-Sunder SKETCH NO: SCALE: PAGE ____ OF ____

basement Flr



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DESCRIPTION:

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ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMSO

Project No.: SMMSO-18-7472

Project Name: English Bldg - Limited to Interior/Exterior walls; Ceiling, Ceiling Spaces, Roof

Technician: Fabian P. Jorge R.

Date: 1-25-18

Page: 1 of 2

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Plaster	P.S. Neg	E101 → E107	Interior walls - throughout - 1 st , 2 nd Floors	24000 sqft	N	N
		(E) Soft Plaster Plaster Ceiling	P.S. Positive	E	Aso: 200, E217, E215, E213 (Above Ceiling tile; 1 st floor corridor, 1 st floor RFS (Above Drywall Co.	14000 sqft	N	N
		Plaster Ceiling	P.S. Neg	E201 → E203	E217, E215, E213, E208, E210, 2 nd floor Corridor, E201, E200, E302, E304, E100 → E117	2300 sqft	N	N
			P.S. Neg	E401 → E403	E104A, stairwells		N	N
			P.S. Neg	E01 → E02				
		12' straight regular ceiling tile w/ glue	P.S. Neg	E04	200, E217, E215, E213	3800 sqft	N	N
			0125-01	Rm E215, NW corner				
			1-02	Rm E217, N ch				
					1 st floor RR's - 1 st → 2 nd floor throughout patch work			
		Drywall w/ ft. compound	P.S. Neg	E07 → E14	E215 (North wall), E213 South wall, E210 East wall, E208 A RR, E205 RR, E203 RR	9000 sqft	N	N

E203A, E302, E304, E104, E104B, E106, E106A, E110, E115/N-H wall, E113 South wall



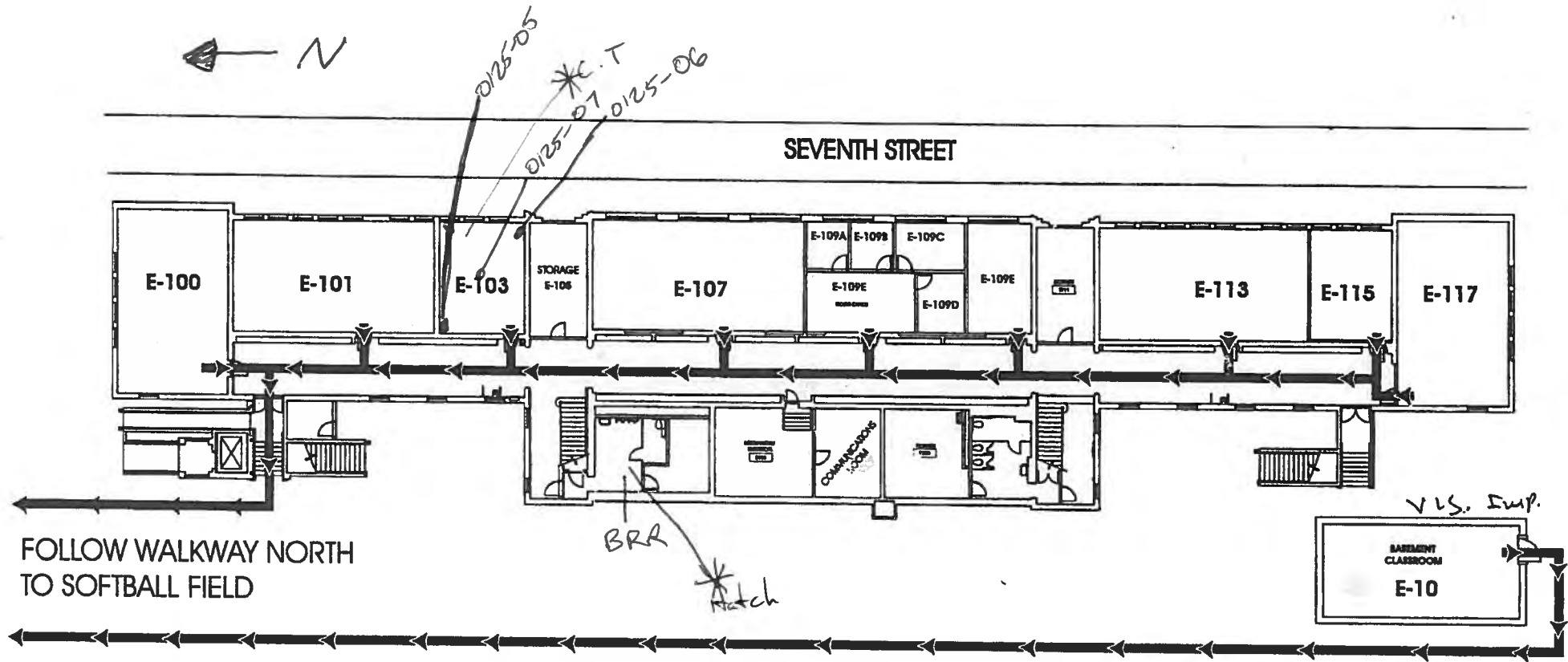
Asbestos Field Bulk Sample List

Client: SMMVSO
 Project No.: SMSP-18-7472
 Project Name: SAMOH English Bldg - Unit 4

Technician: Fa Simon R. / Jorge R.
 Date: 1-25-18
 Page: 2 of 2

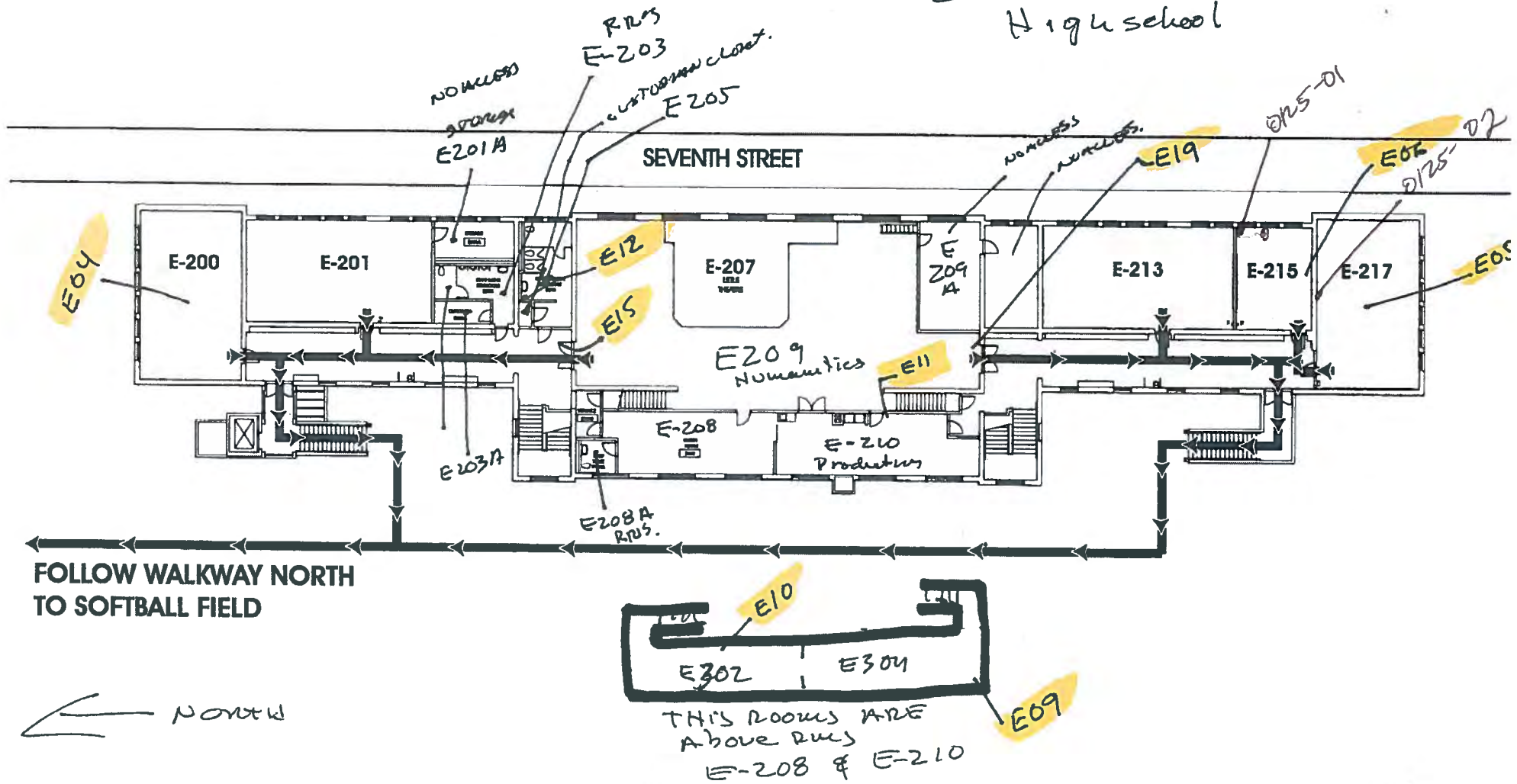
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Stucco	P.S. Neg	E21 - P E25	Exterior walls, walkway Ceilings	20000ft ²	N	N
			0125-3	exterior N ctr				
			↓ 4	↓ W ctr	↓	↓		
		Dist Ceiling Panel fissured	0125-05	Rm 103 NW corner	Rm 103			
			-06	SE corner		9500ft ²	Y	N
			-07	ctr				
		White colled on roof core	-08	roof ctr	Roof			
			-09	SW corner		10000ft ²	N	N
			-10	NE corner				
		Duct sealant	-11	HVAC roof N ctr	Roof HVAC system and on air ducts throughout building in ceiling spaces	4000ft ²	N	N
			-12	S ctr				
			-13	ctr				
		White penetration mastic	-14	Roof SW pen	Roof penetration			
			-15	N ctr pen		4000ft ²	N	N
			-16	S ctr pen				

EVACUATION ROUTE ENGLISH BUILDING - FIRST FLOOR



EVACUATION ROUTE ENGLISH BUILDING - SECOND FLOOR

Santa Monica High School





ALTA
ENVIRONMENTAL

Sheet _____ of _____

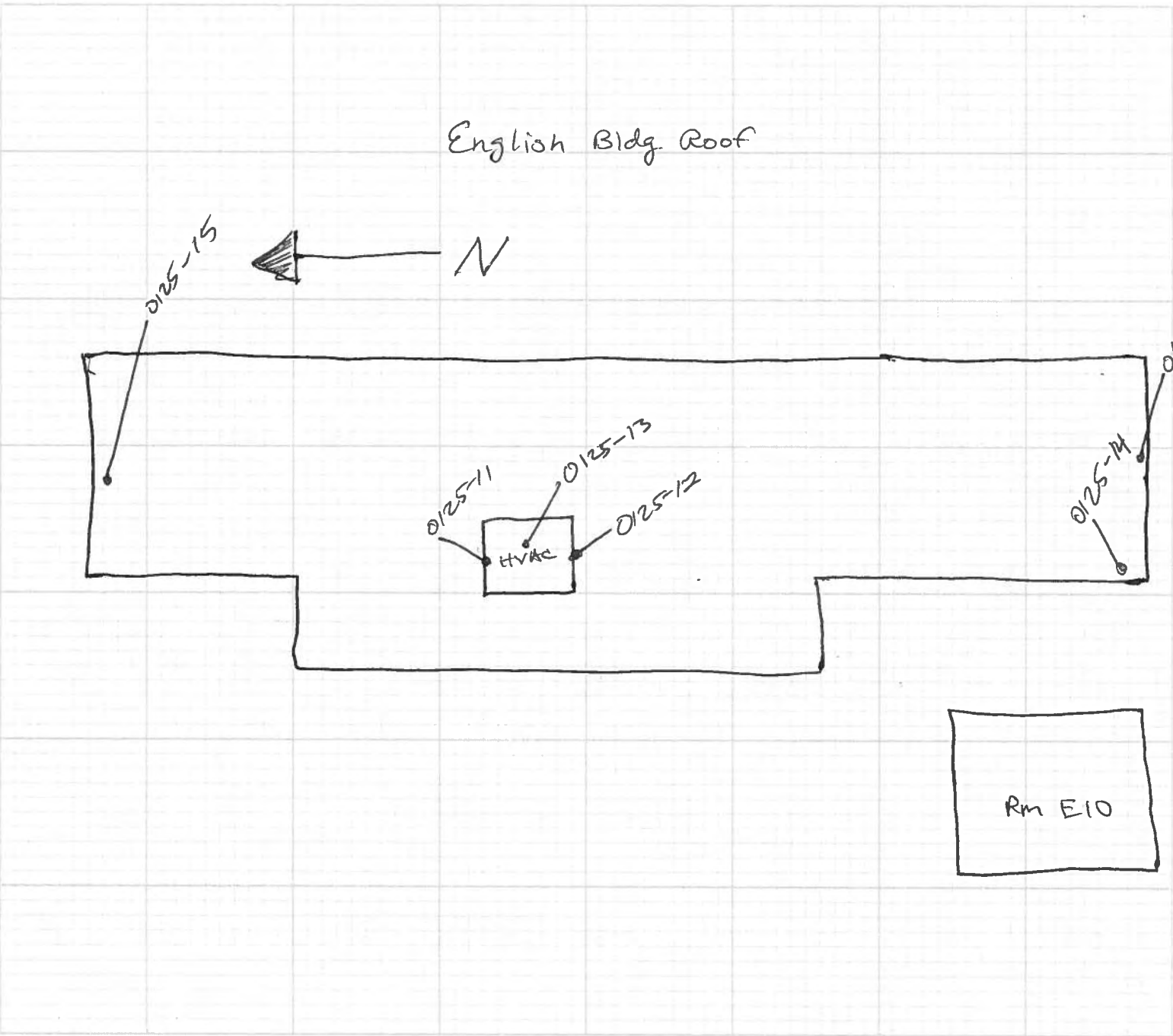
Project Name SHMOH

Project No./Task No. 51150-18-7472

Calculated by Jojo R. Date 1/25/18

Checked by _____ Date _____

Scale _____





ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472 Business Bldg
 Project Name: SAMOHI Limited Survey: Ceilings, roof, ceiling spaces, interior/exterior walls

Technician: Jorge Robles
 Date: 1/24/18
 Page: 1 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Sand Plaster	P.S. 5228-34	None Detected	Basement Rm 10, 1st floor Rms 100, 100A, 101, 101A, 102, 103, 104, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, hallway, Men's RR, office 1, 2nd floor rms 200, 200A, 201, 202, 205, 206, 208, 207, 204A, office 2, girls RR * water damage on plaster at various locations	25000ft ²	N	Y
		Rough plaster ceiling	0124-01 0124-02 0124-03	1st floor hallway, ctr east end, ctr west end, ctr	1st floor hallways * water damage on plaster	950 ft ²	N	Y
		Acoustical Plaster ceiling	-04 -05 -06 -07 -08 -09 -10	1st floor hallway, ctr east end, ctr west end, ctr Rm 102, NW corner Rm 120, ctr Rm 202, ctr Rm 106, SW corner	Above drop down ceilings in all rooms and hallways 1st and 2nd floor all classrooms, offices, and hallways (1st floor hallway above drop ceiling), except Rfcs and Janitors closets	25000ft ²	N	Y

* HVAC mounted to interior perimeter walls per room.



Asbestos Field Bulk Sample List

Client: SMMUSO
 Project No.: SMSO-18-7472
 Project Name: SAMOHAI Business Bldg

Technician: Jorge Robles
 Date: 1/24/18
 Page: 2 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywall	P.S. 5240	None Detected	Basement Rm 10, 1st floor RR's, 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111	3000ft ²	N	N
			0124-11	Rm 200, SW corner	11A, 122, 124, 126 RR, 2nd floor Rm's 200, 200A, 201, 202, 205, 206, 207, 208			
		Drywall composite w/ joint compound	P.S. 5241	None Detected	↓			
		12"x12" random peghole Co.T.	P.S. 5245	None Detected	Basement Rm 10, 1st floor Rms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110A,	20000ft ²	Y	N
		w/ glue	0124-12 0124-13	Rm 200 NW corner Rm 110, ctr	110, 111, 120, 115, 122, 124, 126, 126A 2nd floor Rms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 1 & 2, 1st floor hallway (Also above drop ceilings)			
		2'x4' fissured Ceiling Panel	P.S. 5246	None Detected	2nd floor drop down ceilings in Rms 202, 206	1500ft ²	Y	N
			0124-14 0124-15	Rm 202, SW corner Rm 206 NE corner				



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUNSO
 Project No.: SMSD-18-7472
 Project Name: SAMOTH1 Business Bldg

Technician: Jorge Robles
 Date: 1/24/18
 Page: 3 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
*resample b/c trace sample	→	Window Putty	PoS 5247	4% Chrysotile	All exterior windows	1000/ft ²	N	✓
			0124-16	South wall, west end window				
			0124-17	North wall, east end window				
			0124-18	North wall, west end window				
		Stucco	PoS 5248	None Detected	Exterior walls	16000ft ²	N	✓
			0124-19	South wall, west end				
			-20	┆ ctr				
			-21	North wall, east end				
			-22	┆ ctr				
			-23	Exterior NW corner				
			-24	┆ west ctr				
		Moisture paper (behind stucco)	0124-25	South wall, west end	Exterior walls under/behind	16000ft ²	N	✓
			-26	North wall east end	stucco			
			-27	Exterior NW corner				



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SUSD-18-7472
 Project Name: SAMOH1 Business Bldg

Technician: Jorge Robles
 Date: 1/24/18
 Page: 4 of 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Button Board	0124-28 -29 -30	1st floor hallway, ctr Rm 120, N ctr Rm 202, S ctr	Under all plaster walls, (interior walls)	25000ft ²	N	N
					(Visible at) (FS)			
		TSI on pipe (above drop down ceiling)	0124-31 -32 -33	1st floor hallway, ctr west end, ctr east end, ctr	above drop down ceiling in 1st floor hallway. assumed in all ceiling spaces, wall cavities	7000ft ²	Y	N
		Roofing debris	0124-34 -35 -36	Rm B122, at hatch 2nd floor hallway at hatch Rm 200	above drop down ceiling in B122 2nd floor above ceiling. (FS) 2nd floor ceiling space throughout	11000 12600 ft ²	Y	Y
		Silver roof core	0124-37 -38 -39	Roof NW corner S, ctr W ctr	Roof	11000ft ²	N	N
		Silver Penetration mastic	0124-40 -41 -42	Roof SE pen. NW pen ctr pen	Roof penetrations	200ft ²	N	N



Asbestos Field Bulk Sample List

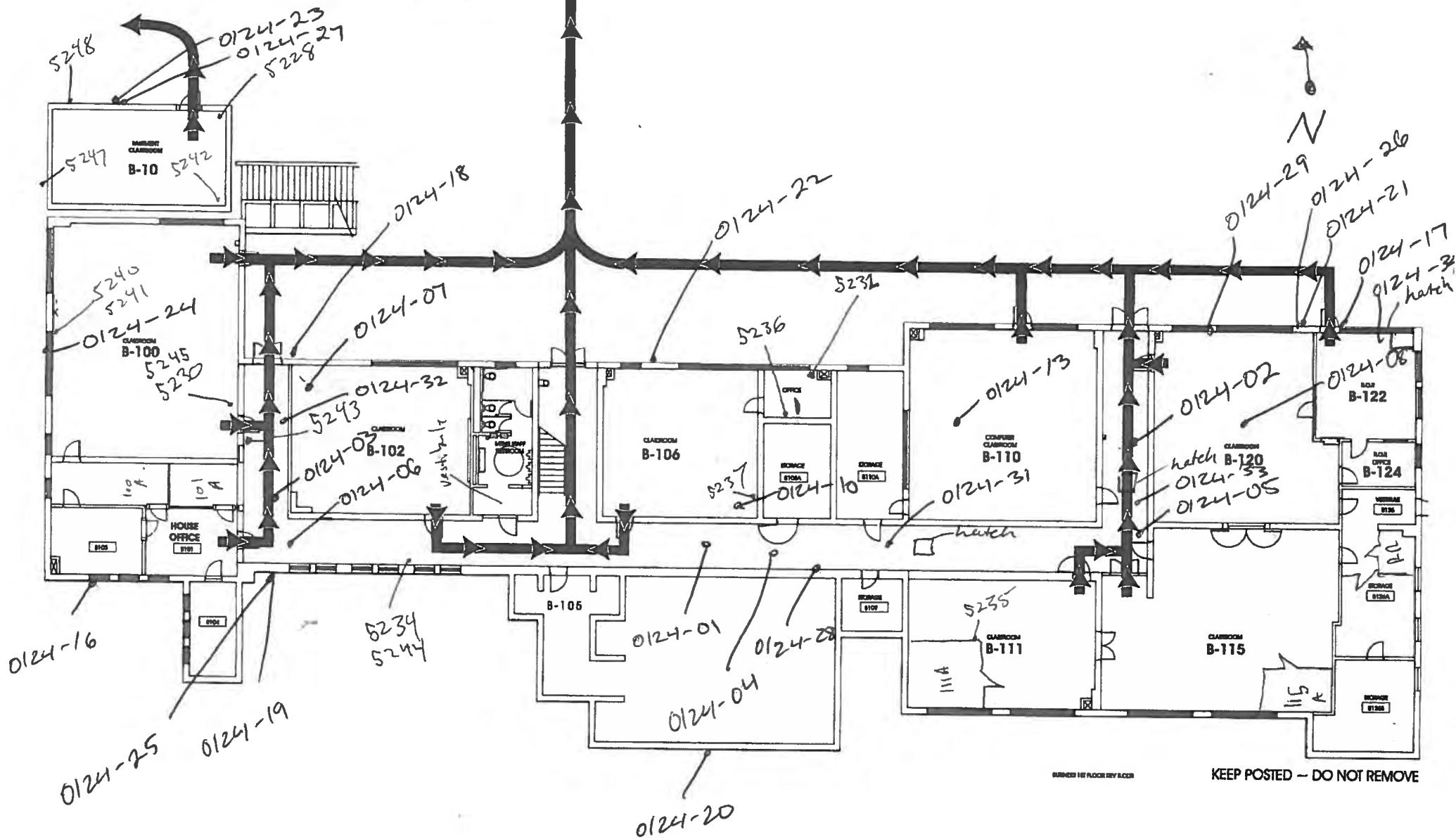
Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SAMOH1 Business Bldg

Technician: Jorge Robles
 Date: 1/24/18
 Page: 5 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Joint compound	POS 5235-39	None Detected	Basement Rm 10, 1st floor RR's 100, 100A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 RR, 2nd floor Rms, 200, 200A, 201, 202, 205, 206, 207, 208	2000ft ²	N	N
		chalk board mastic.	N/A	Assumed	Basement Rm 10, 1st Floor Rm's 100, 106, 110, 120, 111, 115	40 each	N	N
					* Patch work in Rm's on drywall			

EVACUATION ROUTE BUSINESS BUILDING - FIRST FLOOR

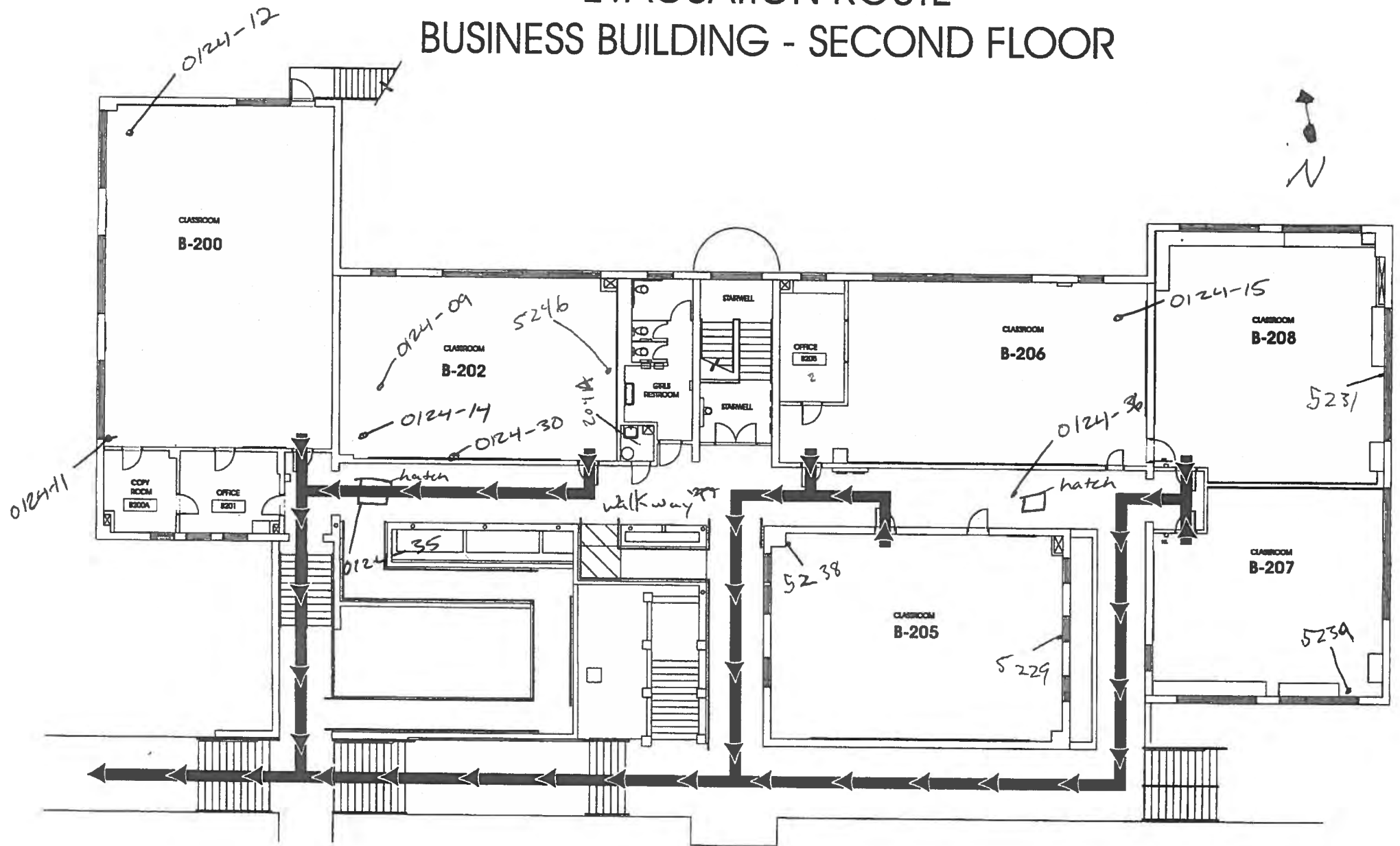
FOLLOW SCIENCE QUAD WALKWAY TO CIRCLE DRIVE
THEN CONTINUE WEST PAST THE NORTH GYM TO THE BASEBALL FIELD



DUNNED BY FLOOR BY FLOOR

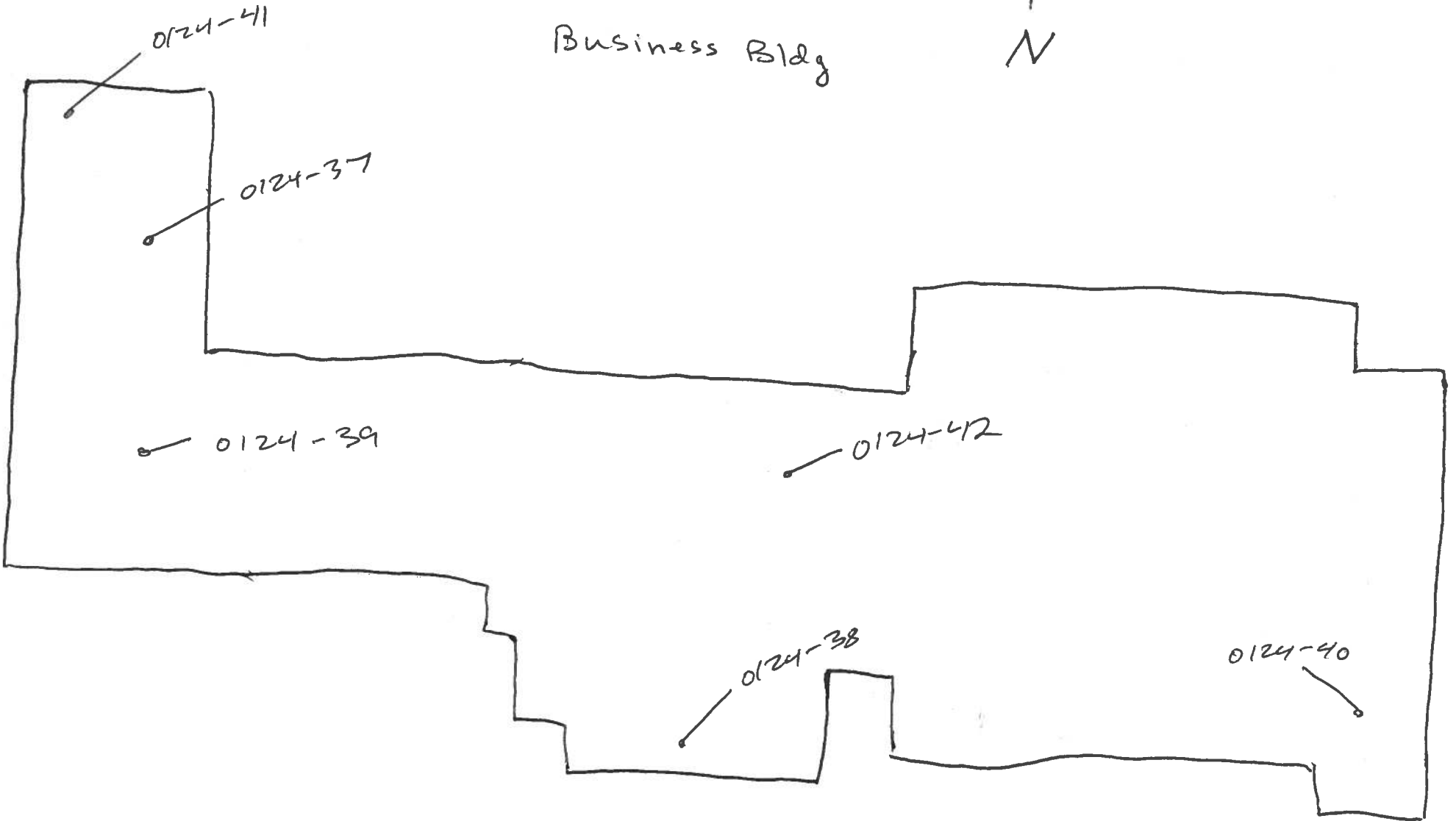
KEEP POSTED -- DO NOT REMOVE

EVACUATION ROUTE BUSINESS BUILDING - SECOND FLOOR



FOLLOW QUAD WALKWAY NORTH
TO CIRCLE DRIVE THEN GO WEST
PAST THE NORTH GYM TO THE BASEBALL FIELD

Business Bldg





ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSO Limited Survey: Roofs, ceilings/ceiling spaces,
 Project No.: SMSO-18-7472 interior/exterior walls
 Project Name: SAMOH1 Bascom Hall

Technician: Jorge Robles
 Date: 1/29/18
 Page: 1 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		12" Fissured Ceiling Tile	P.S. 5288	None Detected	Basement hallway 2, 1st floor elevator	900ft ²	N	N
		w/mastic	0129-01	women's RR, ctr	1066y, 2nd floor men's & women's RR			
			0129-02	Basement hallway 2, ctr	↓			
		Ceiling Tile Mastic	0129-03	↓ W ctr	↓	900ft ²	N	N
		Duct Sealant	-04	Roof HVAC	Interior throughout ceiling spaces,	3001ft ²	N	N
			-05	↓	Roof HVAC system			
			-06	Att hatch, 1st floor elevator				
			P.S. 5289	lobby None Detected				
		Exterior Stucco	P.S. 5290, SM	None Detected 1001-1003	Exterior walls	1100ft ²	N	N
			-07	exterior N ctr				
			-08	↓ SW corner				
			-09	↓ E ctr				



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMAUSD
 Project No.: SMSD-18-7472
 Project Name: SAmoiti Barnum Hall

Technician: Jorge Robles
 Date: 1/29/18
 Page: 2 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Smooth Plaster wall	P.S. SM01d-0104	None Detected	1st floor walkway 1 & 2, hall, men's & women's RR, lobby, mezzanine levels	7200ft ²	N	N
			0129-10	1st floor walkway, N ctr	men's & women's RR, closet 1 & 2, balcony			
			-11	lobby, NW corner				
<u>*confirmation →</u> <u>samples</u>		Rough Plaster wall	P.S. SM0201-0207	None Detected	Basement elec Rm 2, Rm 10, 11, 14, 15, 4, hallway 1 & 2, girls RR, boys RR	20000ft ²	N	N
			-12	lobby, S ctr	1st floor, elevator lobby, storage 2, Rm 1, storage 4, lobby, janitor's			
			-13	Rm 10, NE corner	closet hall, office 1, 2, mezzanine lobby, balcony			
		White roof core	-14	Roof 1, ctr	All 5 roof levels	15000ft ²	N	N
			-15	Roof 2, ctr				
			-16	Roof 5, ctr				
		White penetration mastic	-17	roof 1, N ctr pen	I	400ft ²	N	N
			-18	roof 2 SW pen				
			-19	roof 4 ctr pen				



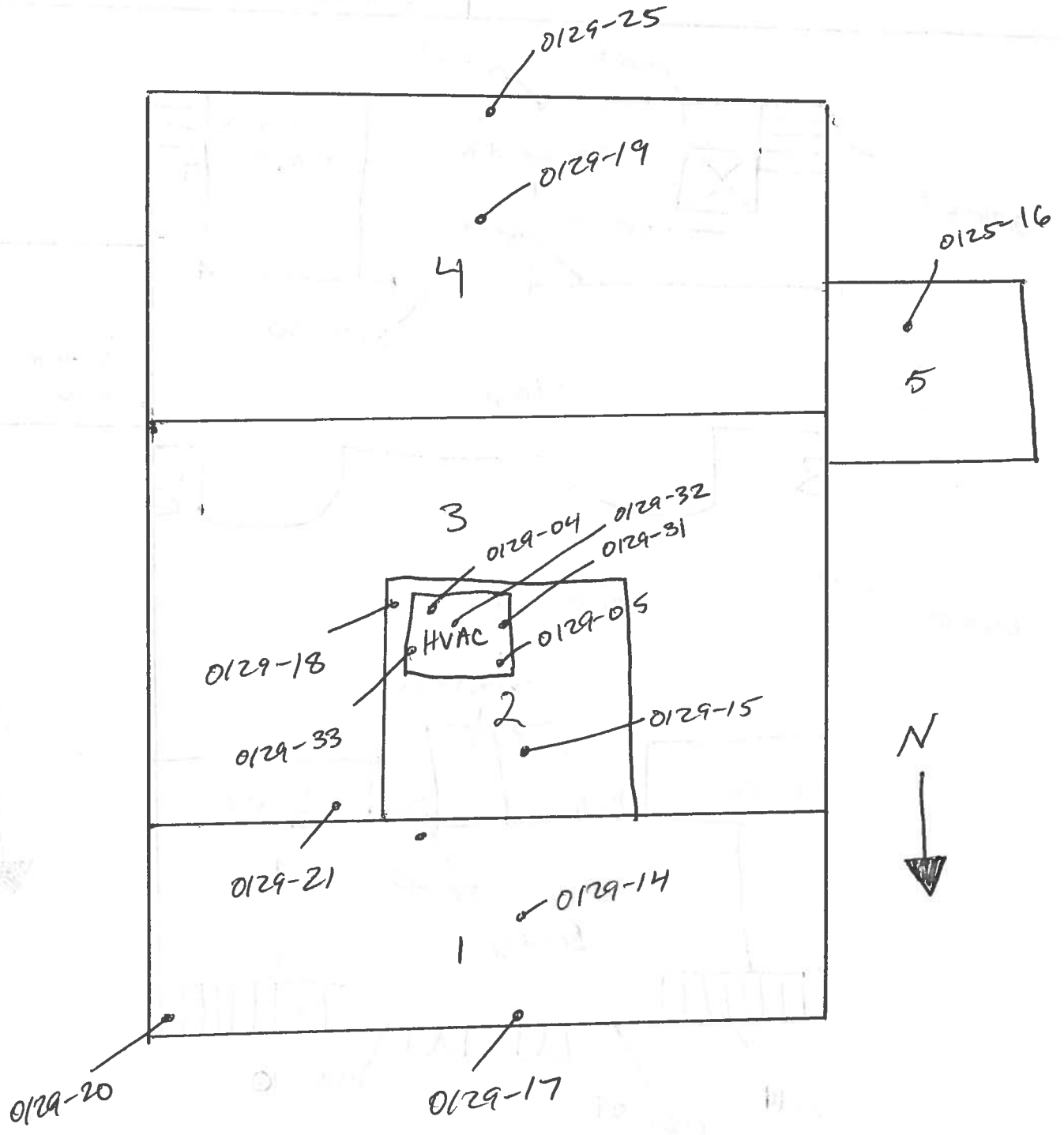
ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

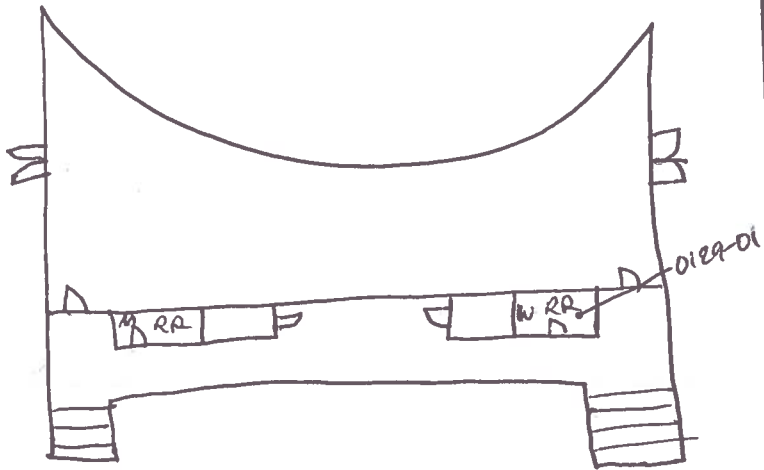
Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SAMOTH1 Barnum Hall

Technician: Jorge Robles
 Date: 1/29/18
 Page: 3 4

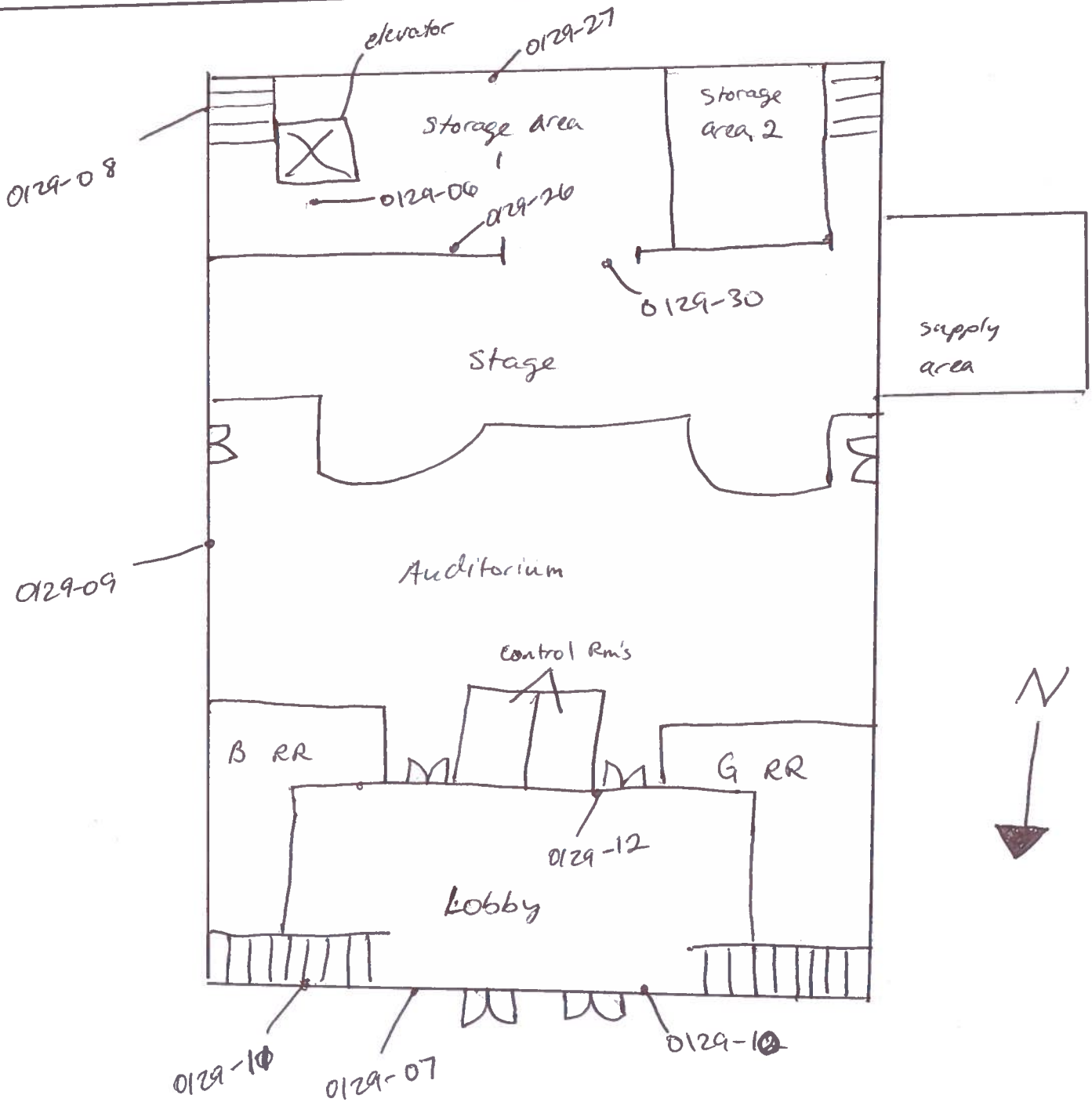
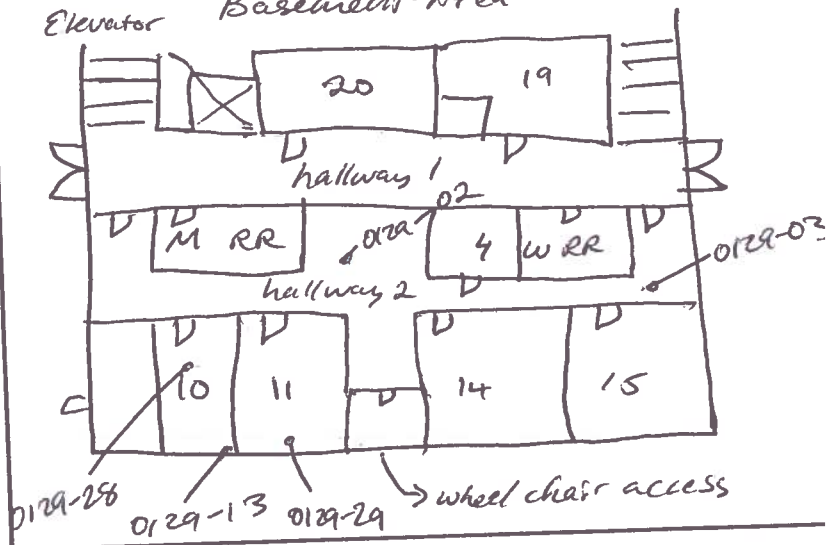
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Gray Patch Mastic	0129-20	Roof 1 NW corner	Patch on all roof levels	150ft ²	N	N
			-21	Roof 3 N ctr				
			-22	Roof 4 S ctr				
		12" pinhole ceiling tile w/ mastic	-23	Rm 10 N ctr	Ceiling & walls in Basement Rm 10	950ft ²	N	N
			-24	↓ ctr				
			-25	↓ SE corner				
		Light Grey S&T Fireproofing	-26	Storage 1, N ctr	Storage area 1 ceiling & beams,	3400ft ²	N	N
			-27	↓ S ctr	basement in ceiling spaces,			
			-28	basement Rm 10, ctr	behind stage			
			-29	Rm 11, N ctr				
			-30	behind stage, ctr				



Mezzanine Area



Elevator Basement Area





ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD Limited survey: Roofs, ceiling/ceiling spaces,
 Project No.: SMSD-18-7472 interior/exterior walls
 Project Name: SAMOH1 Art Bldg.

Technician: Jorge Robles
 Date: 1/25/18
 Page: 1 of 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		12" x 12" random pin hole ceiling	0125-A1	Rm 102 N ctr	Rms 107, 102, 105, 103, 101, storage 1, 2,	(EP) 1000 ft ²		
		tile w/ glue	0125-A2	Rm 107 S ctr	3, 012, 012A, 010B, 010A, dark Rm, 013		Y	N
			P.S.	None Detected	013A, 014			
			5263					
		2' x 4' fissured ceiling panel	0125-A3	Rm 012 ctr	Rm 012	1000 ft ²	N	N
			-A4	↓ N ctr				
			P.S.	None Detected				
			5264					
		Button Board	P.S.	None Detected	under plaster Rms 107, 102, 105, 103,	6700 ft ²	N	N
			5067		10A, storage 1, 2, 3, 012, 012A, 010A,			
			-A5	Rm 103, N ctr	010B, dark Rm, 011, 013, 013A, 014,			
			-A6	Rm 013, NW corner	014A, 011			
resampled 1/2 of trace sample		Window Putty	0125-A7	Exterior N ctr	Exterior Windows	200 ft ²	N	N
			-A8	↓ S ctr				
			-A9	↓ NW end				
			P.S.	<1% chrysotile				
			5274					

u



Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: _____
 Project Name: Art Bldg.

Technician: Jorge Robles
 Date: 1/25/18
 Page: 2 of 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Stucco	P.S. 5273	None Detected	Exterior walls	7500ft ²	N	N
			0125-A10	Exterior N ctr				
			-A11	S ctr				
			-A12	SW corner	* on concrete, could not find			
			-A13	E ctr	barrier paper behind			
			-A14	W ctr				
			-A15	NE corner				
		Duct wrappings	PoS 5289	None Detected.	Rm 101 (on duct work & piping)	100lnft	N	N
			0125-A16	Rm 101 HVAC ctr				
			-A17	W ctr				
		Acoustical Plaster ceiling	-A18	Rm 011 N ctr	Above ceiling tile in all rooms	10000ft ²	N	N
			-A19	Rm 013 N ctr				
			-A20	Rm 014 SW corner				
			-A21	Rm 105 W ctr				
			A22	Rm 101 N ctr				
			A23	Rm 103 ctr				
			A24	Rm 012 NE corner				



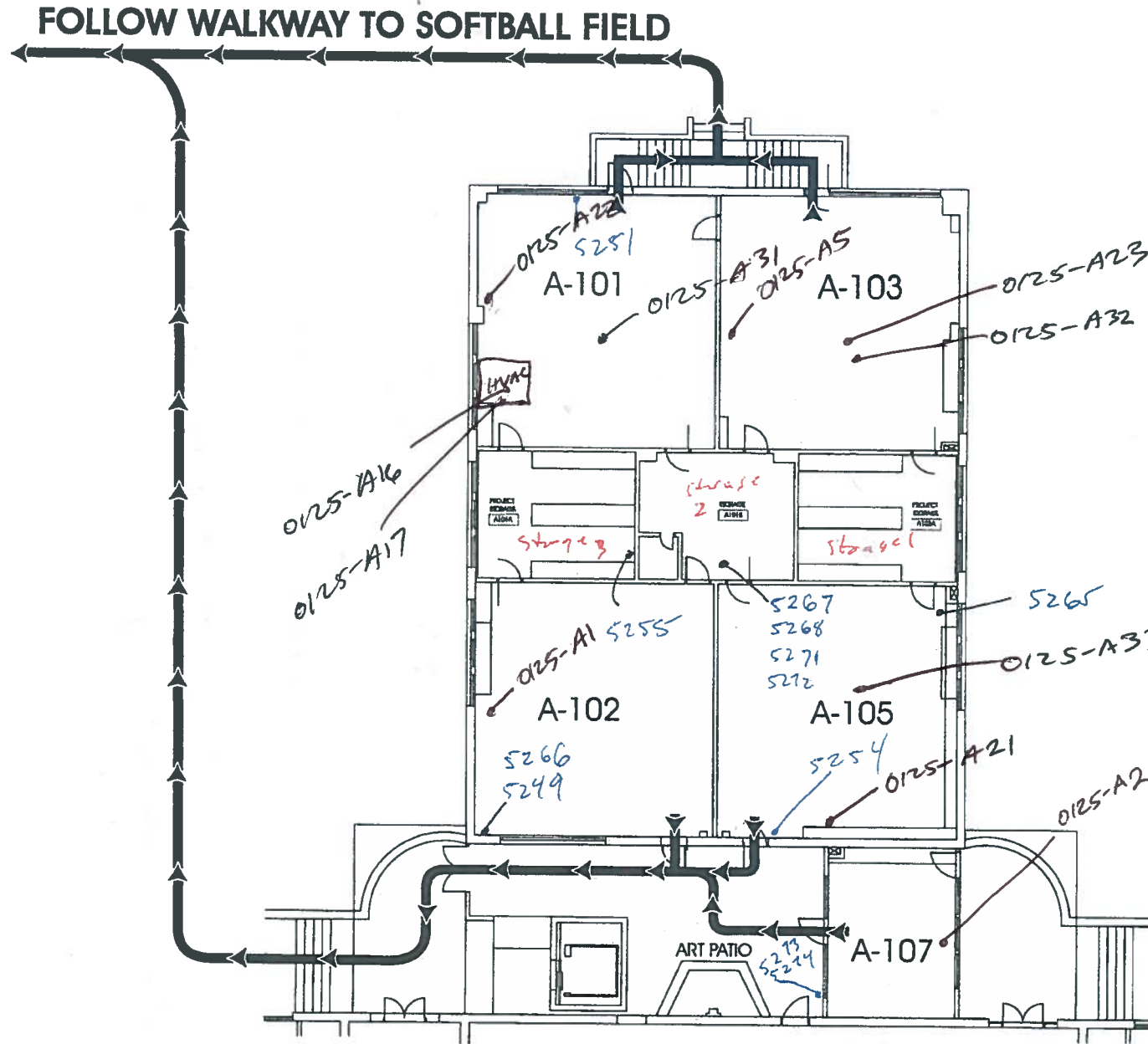
Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SPM001 Art Bldg

Technician: Jorge Robles
 Date: 1/25/18
 Page: 3 of 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		silver roof core	A25 A26 A27	roof N ctr W ctr E ctr	roof	4500ft ²	N	N
		silver penetration mastic	A28 A29 A30	roof pen. NW pen N ctr pen SE pen	roof penetrations	200ft ²	N	N
		roofing debris	O105 A31 A32 A33	ceiling space Rm 101 ctr Rm 103 ctr Rm 105 ctr	in ceiling spaces 2nd floor	4500ft ²	Y	N
		Sand Plaster	P.O.S. 5249-56	None Detected	Rms 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark Rm, 011, 013, 013A, 014, 014B, 011	6200ft ²	N	N
		Joint compound	P.O.S. 5256-60	None Detected	Rm 012, 012A, 010A, 010B, dark Rm, 011, 013, 013A, 014, 014A	1500ft ²	N	N

EVACUATION ROUTE ART BUILDING - UPSTAIRS

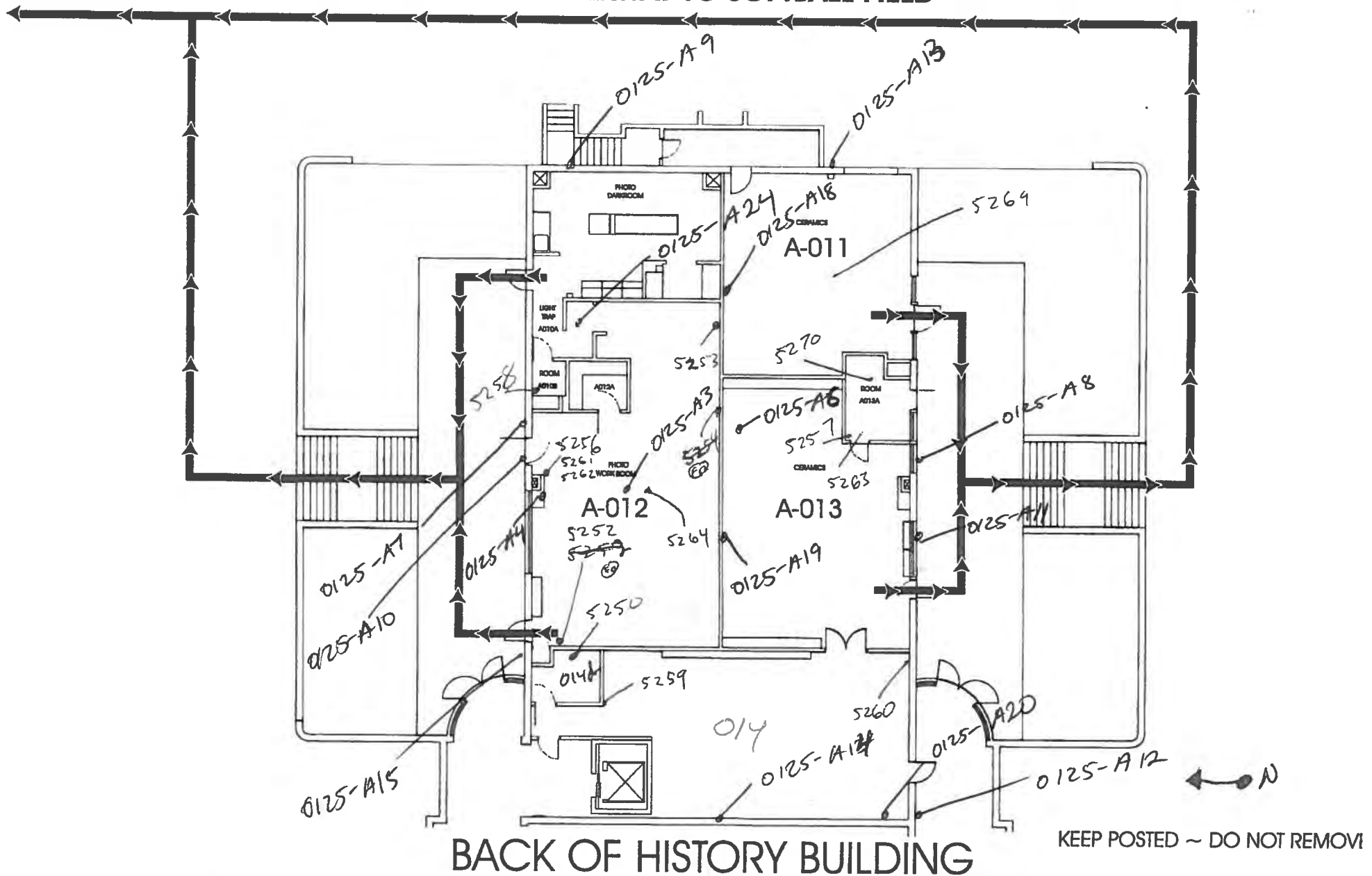


BACK OF HISTORY BUILDING

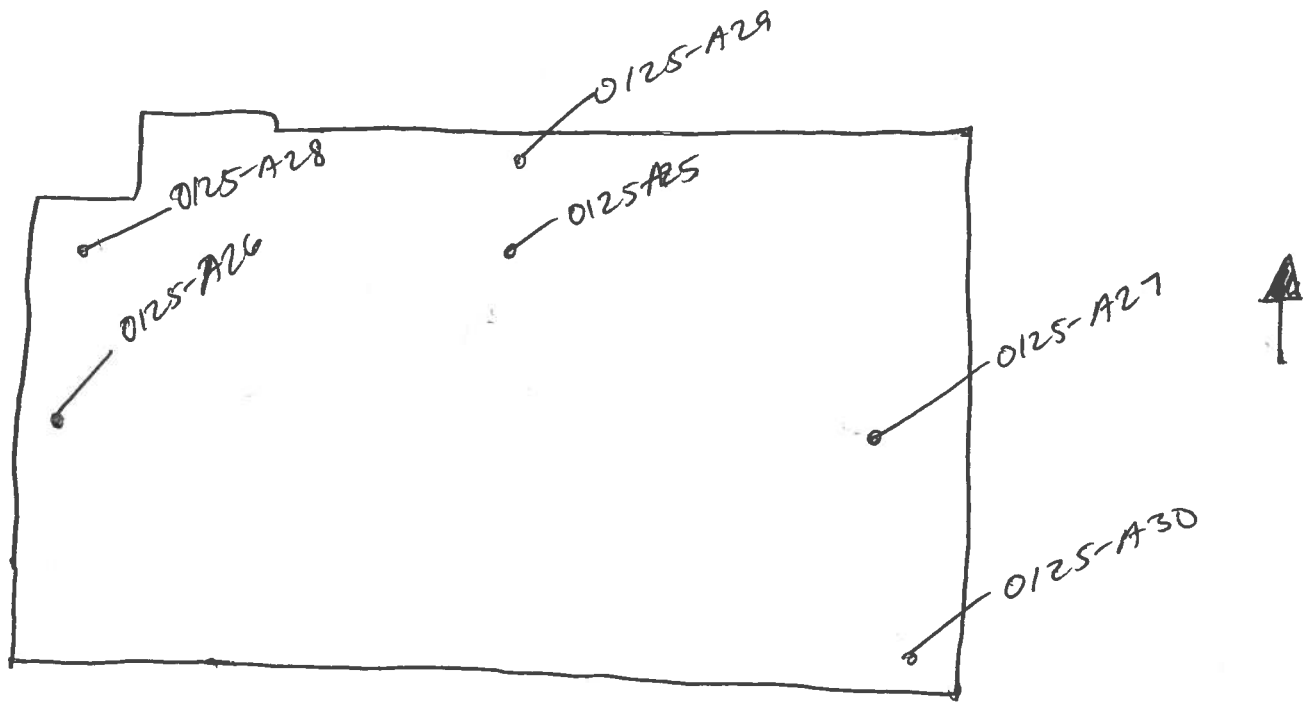
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EVACUATION ROUTE ART BUILDING - DOWNSTAIRS

FOLLOW WALKWAY TO SOFTBALL FIELD



ART Bldg Roof





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ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSO Limited Survey: Ceilings/ceiling spaces, roofs, interior/ exterior walls Technician: Jorge Robles
 Project No.: SM50-18-7472 Date: 2/1/18
 Project Name: SAMOH1 Administration Bldg Page: 1 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Sand Plaster	P.S. 5187-93	N.O.	Attendance office, elec rm, lounge, lobby 1&2, Viking's INN, Custodian rm, staff men's & women's RR, hallway 1, 2, 3, Rms 103C, 103D, 102, 101, 103A 103B, 103E, 103F, 515, 514, 513, 512, 511 510, 509, 508, 507, 506, 505, 504 503, 502, 501, 405, 402, 401, 401 closet 401 RR, 300A & B, 203, 203A, 204, 204RR 205, 205 RR, 200A, 200, 202, 201	11000ft ²	N	N
		Button Board	P.S. 5224	N.O.	I	11000ft ²	N	N
			0201-01	lobby 1, N ctr				
			-02	lobby 2, NE corner				
confirmation sample		Drywall (joint compound)	P.S. 5197-5199	N.O.	On walls staff's women's & mens RR Rm 200A, 200, 103C, 103D, 103A, 103B 103E, 103F, hallway 3, lobby 1, Rm: 515-501	950ft ²	N	N
		Drywall (wall)	P.S. 5203	N.O.	I	950ft ²	N	N
			-04	Rm 200, NW corner				



Asbestos Field Bulk Sample List

Client: SUMUSD
 Project No.: SM50-18-7472
 Project Name: SAMOHI Admin Bldg

Technician: Jorge Robles
 Date: 2/1/18
 Page: 2 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
confirmation sample	→	Drywall (wall)	P.S. 5204		on walls, stat's women's & men's RR	950ft ²	N	N
		Composite w/ drywall and joint compound	0201-05	Rm 200A, W ctr	Rm 200A, 200, (103A, B, C, D) 103E, 103F, hallway 3, 105b, 1, Rms 515-501			
		Joint compound (ceilings)	P.S. 5200	3% Chrysotile	Above 12" random pinhole ceiling tile	5500 8500ft²	N	N
			0201-06	Rm 402, N ctr	405, 402, 401, 401 closet & RR, Vikings Inn, Custodian Rm, elec Rm.			
	→	Drywall ceiling	P.S. 5201-02	N.D.		5500 8500ft²	N	N
			0201-07	Rm 402, N ctr				
	→	Drywall ceiling	P.S. 5205-06	No D.		5500 8500ft²	N	N
		Composite w/ joint compound	0201-08	Custodian Rm, ctr				



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ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SMSD-18-7472
 Project Name: SMMOHI Admin Bldg

Technician: Jorge Robles
 Date: 2/1/18
 Page: 3 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		12x12 Fissured ceiling tile w/ glue	PoS 5207	N.O.	Hallways 1, 2, 3	1300ft ²	Y	N
			0201-09	hallway 1, ctr	↓	↓	↓	↓
			-10	hallway 3, ctr				
		12x12 Random peghole ceiling tile w/ glue	P.S. 5208	N.O.	Rms 203, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 103A, 103B, 101, 103, 405, 402, 401, 401 closet	2300ft ²	Y	N
			-11	Rm 203 NE corner	4 RR, Vikings Inn, custodian rm, elec Rm.	↓	↓	↓
			-12	Rm 103A, S ctr				
		2x4' Fissured ceiling panel	-13	Attendance office, w ctr	Attendance office, hallway 2, lobby 1, lobby 2, AD200, AD 203	2900ft ²	Y	N
			-14	lobby 1 NW end	↓	↓	↓	↓
			-15	AD200, N ctr				
		Moisture paper (behind stucco)	-16	Exterior N ctr	Exterior	6500ft ²	N	N
			-17	SW corner	↓	↓	↓	↓
			-18	S ctr				



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ENVIRONMENTAL

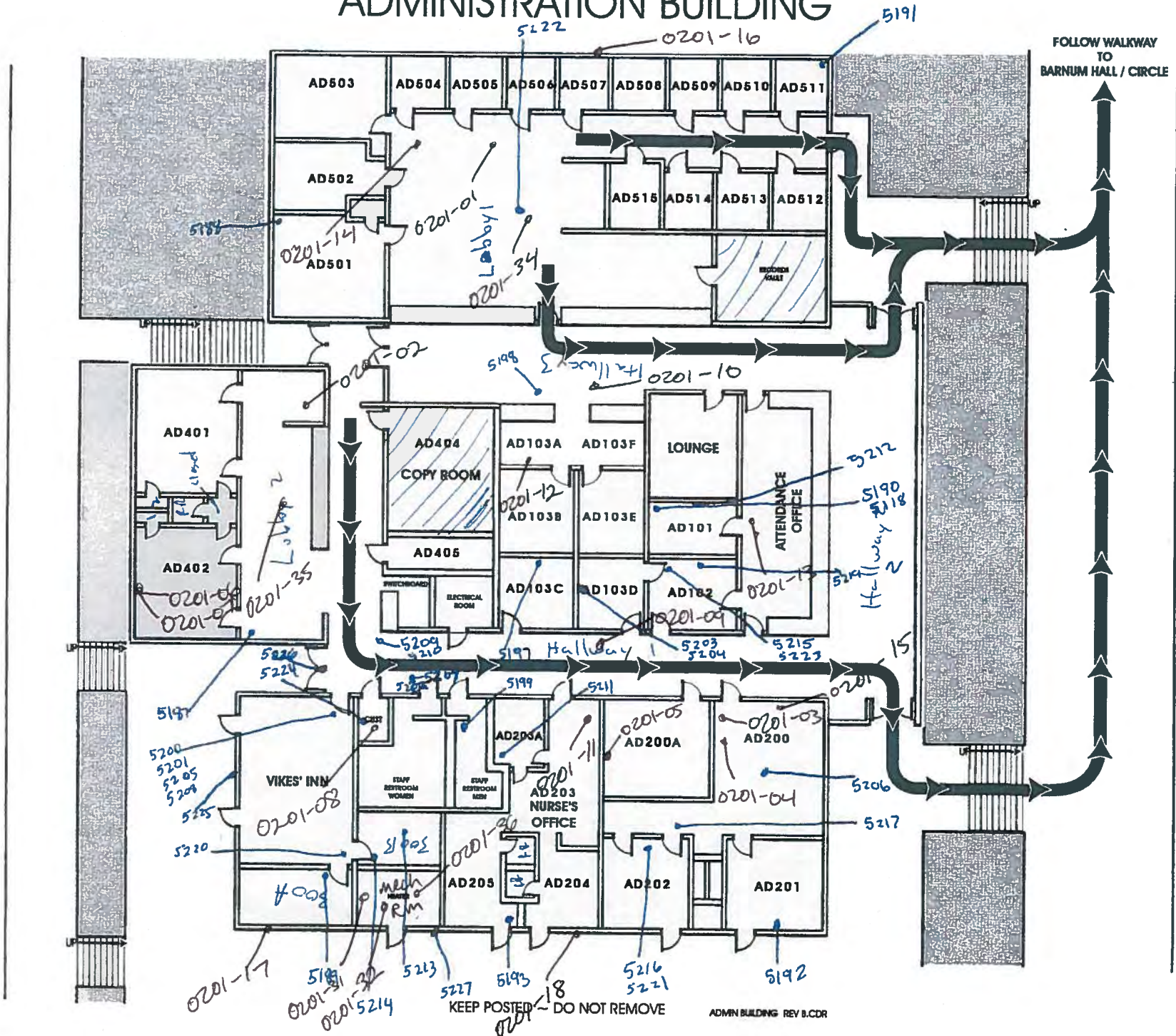
Asbestos Field Bulk Sample List

Client: SMMUSO
 Project No.: SMSO-18-7472
 Project Name: SAMOH1 Admin Bldg

Technician: Jorge Robles
 Date: 2/9/18
 Page: 4 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Stucco	Pos. 5227	N.D.	Exterior walls	6500ft ²	N	N
			-19	Exterior N ctr	↓	↓	↓	↓
			-20	SW corner				
			-21	S ctr				
			-22	W ctr				
			-23	SE corner				
			-24	NE corner				
		Gray Rolled on roof core	-25	Roof NW corner	Roof	6500ft ²	N	N
			-26	SE corner	↓	↓	↓	↓
			-27	ctr				
		White penetration mastic	-28	Roof pen. NE pen				
			-29	S ctr pen	↓	↓	↓	↓
			-30	SW pen				

EVACUATION ROUTE ADMINISTRATION BUILDING





Paint Chip Sample List

Client: _____
 Project No.: _____
 Project Name: Adm

Technician: _____
 Date: _____
 Page: _____ of _____

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		* Check all Hatches							
		*- Roof Access is in the Jambars closed above Hatch.							
		- Make sure the Mech Equipment has been covered							
		1st floor Mech and Basement Mech Rooms							
		- Make sure drywall w/ mud Coils has been sampled							
		above Ceiling tiles							
		-							

Appendix B

Laboratory Analytical Report: Asbestos



1508 East 33rd Street
 Signal Hill, CA 90755
 Toll: 888-207-2022
 Tel: 562-206-2770
 Fax: 562-206-2773

Alta Environmental
 3777 Long Beach Blvd.
 Long Beach CA 90807
 Attn.: Cesar Ruvalcaba

Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica
PO Number
WO Number Ref. PLM #1830178

Report Number 1830202

Date Received 02/09/2018
Date Analyzed 02/09/2018
Date Reported 02/12/2018

Date Sampled 01/31/2018
Sampled By Jorge Robles
Total Samples 21

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830202-001 Gym-17	North/South Gym Drywall composite w/ mud, White/brown/beige, Non- homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	17.87% 54.52% 27.44%	Chrysotile	0.17%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.8%	Total %Asbestos:	0.17%
1830202-002 Gym-21	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	9.00% 53.87% 36.46%	Chrysotile	0.67%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.3%	Total %Asbestos:	0.67%
1830202-003 Gym-22	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	10.85% 51.54% 36.74%	Chrysotile	0.87%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.1%	Total %Asbestos:	0.87%
1830202-004 Gym-23	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Non-Asbestos Residue Non-Asbestos Residue	10.45% 52.51% 36.15%	Chrysotile	0.89%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.1%	Total %Asbestos:	0.89%
1830202-005 Gym-24	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	11.60% 51.74% 35.62%	Chrysotile	1.04%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.0%	Total %Asbestos:	1.04%



1508 East 33rd Street
Signal Hill, CA 90755
Toll: 888-207-2022
Tel: 562-206-2770
Fax: 562-206-2773

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba

Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica
PO Number
WO Number Ref. PLM #1830178

Report Number 1830202

Date Received 02/09/2018
Date Analyzed 02/09/2018
Date Reported 02/12/2018

Date Sampled 01/31/2018
Sampled By Jorge Robles
Total Samples 21

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830202-006 Gym-25	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	12.56% 51.93% 34.61%	Chrysotile	0.90%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.1%	Total %Asbestos:	0.90%
1830202-007 Gym-26	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	11.63% 51.40% 36.08%	Chrysotile	0.89%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.1%	Total %Asbestos:	0.89%
1830202-008 Gym-27	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	10.49% 52.88% 35.74%	Chrysotile	0.89%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.1%	Total %Asbestos:	0.89%
1830202-009 0202-24	Music Bldg Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	10.06% 50.91% 37.90%	Chrysotile	1.13%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		98.9%	Total %Asbestos:	1.13%
1830202-010 0202-25	Music Bldg Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	9.28% 51.64% 38.14%	Chrysotile	0.94%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.1%	Total %Asbestos:	0.94%



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Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica
PO Number
WO Number Ref. PLM #1830178

Report Number 1830202

Date Received 02/09/2018
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Date Reported 02/12/2018

Date Sampled 01/31/2018
Sampled By Jorge Robles
Total Samples 21

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830202-011 0202-26	Music Bldg Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	10.74% 50.90% 37.22%	Chrysotile	1.14%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		98.9%	Total %Asbestos:	1.14%
1830202-012 0202-27	Music Bldg Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	11.10% 51.26% 36.58%	Chrysotile	1.06%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		98.9%	Total %Asbestos:	1.06%
1830202-013 0202-28	Music Bldg Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	9.96% 50.71% 38.12%	Chrysotile	1.21%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		98.8%	Total %Asbestos:	1.21%
1830202-014 0202-29	Music Bldg Drywall composite (ceiling), White/brown/beige, Non- homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	17.01% 19.71% 63.03%	Chrysotile	0.25%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.8%	Total %Asbestos:	0.25%
1830202-015 0202-72	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	3.66% 21.52% 74.67%	Chrysotile	0.15%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.9%	Total %Asbestos:	0.15%



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830202-016 0202-73	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	3.56% 23.63% 72.59%	Chrysotile	0.22%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.8%	Total %Asbestos:	0.22%
1830202-017 0202-74	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	3.45% 22.18% 74.37%	Chrysotile	<0.1%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<0.1%
1830202-018 0202-75	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	3.47% 24.09% 72.44%	Chrysotile	<0.1%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<0.1%
1830202-019 0202-76	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	2.85% 24.62% 72.53%	Chrysotile	<0.1%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<0.1%
1830202-020 0202-77	Music Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	6.05% 29.92% 64.03%	Chrysotile	<0.1%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<0.1%



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Test Report


Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830202-021 0202-78	Music Bldg Stucco, Beige/Gray, Non- homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	3.28% 22.93% 73.64%	Chrysotile	0.15%

1000 pt. POINT COUNT

Asbestos Present Yes Total % Non-Asbestos: 99.9% **Total %Asbestos: 0.15%**

Note: EPA 400 point count extended to 1000 points to meet the Cal OSHA regulatory limit of 0.1%.

Method Detection Limit: One tenth of one percent (0.1%). Asbestos content has been determined using the point count method. Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.


Analyst - Cristina Tabatt


Approved Signatory Cristina E. Tabatt





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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-001 Gym-01	North/South Gym Drywall, Beige/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	10% <1 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-002 Gym-02	North/South Gym Drywall, Beige/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	30% <1 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-003 Gym-03	North/South Gym 2x4 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	60% <1 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-004 Gym-04	North/South Gym 2x4 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	60% <1 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-005 Gym-05	North/South Gym Plaster, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	35% 15% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-006 Gym-06A	North/South Gym 12" Random peghole ceiling tile, Brown/White, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-007 Gym-06B	North/South Gym Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-008 Gym-07A	North/South Gym 12" Random peghole ceiling tile, Brown/White, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-009 Gym-07B	North/South Gym Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-010 Gym-08	North/South Gym Drywall (ceiling), Beige/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-011 Gym-09	North/South Gym Drywall (ceiling), Beige/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-012 Gym-10A	North/South Gym 12" Fissured ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 20% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-013 Gym-10B	North/South Gym Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-014 Gym-11A	North/South Gym 12" Fissured ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 20% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-015 Gym-11B	North/South Gym Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-016 Gym-12	North/South Gym 2x4 Smooth ceiling panel, White / Tan, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	60% <1% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Date Sampled 01/31/2018

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Total Samples 194

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-017 Gym-13	North/South Gym 2x4 Smooth ceiling panel, White / Tan, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	60% <1 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-018 Gym-14	North/South Gym Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Vermiculite Organic Binders/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-019 Gym-15	North/South Gym Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-020 Gym-16	North/South Gym Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-021 Gym-17	North/South Gym Drywall composite w/ mud, White/ Brown/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Calcium Carbonate Gypsum/Binder/Filler	5% <1 10% 85%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-022 Gym-21	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-023 Gym-22	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-024 Gym-23	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-025 Gym-24	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-026 Gym-25	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-027 Gym-26	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-028 Gym-27	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-029 Gym-28A	North/South Gym Gravel roof core-Felt/Tar (5 layers), Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Polystyrene Foam Bituminous Matrix/Filler	5% 30% 5% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-030 Gym-28B	North/South Gym Gravel roof core-Felt/ Insulation, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Polystyrene Foam	10% 15% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-031 Gym-28C	North/South Gym Gravel roof core-Gravel, Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-032 Gym-29A	North/South Gym Gravel roof core-Felt/Tar (6 layers), Black/Brown, Non-homogeneous	LAYER 1 100%	Fibrous Glass Cellulose Fiber Bituminous Matrix/Filler	20% 2% 78%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-033 Gym-29B	North/South Gym Gravel roof core-Felt/Insulation, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Polystyrene Foam	<1% 5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-034 Gym-29C	North/South Gym Gravel roof core-Gravel, Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830178-035 Gym-30A	North/South Gym Gravel roof core-Felt/Tar (6 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-036 Gym-30B	North/South Gym Gravel roof core-Felt/Insulation, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Polystyrene Foam Bituminous Matrix	2% 90% 8%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-037 Gym-30C	North/South Gym Gravel roof core-Gravel, Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-038 Gym-31	North/South Gym Patch mastic, Gray/ Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-039 Gym-32	North/South Gym Patch mastic, Gray/ Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-040 Gym-33	North/South Gym Patch mastic, Gray/ Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica
PO Number
WO Number

Report Number 1830178

Date Received 02/05/2018
Date Analyzed 02/09/2018
Date Reported 02/09/2018

Date Sampled 01/31/2018
Sampled By Jorge Robles
Total Samples 194

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-041 Gym-34A	North/South Gym Rolled on roof core- Felt/Tar (5 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler	25% 5% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-042 Gym-34B	North/South Gym Rolled on roof core- Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-043 Gym-35A	North/South Gym Rolled on roof core- Felt/Tar (5 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler	25% 5% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-044 Gym-35B	North/South Gym Rolled on roof core- Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-045 Gym-36A	North/South Gym Rolled on roof core- Felt/Tar (5 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler	25% 5% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-046 Gym-36B	North/South Gym Rolled on roof core- Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-047 Gym-37	North/South Gym Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler	<1% 80% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-048 Gym-38	North/South Gym Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler	<1% 75% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-049 Gym-39	North/South Gym Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler	<1% 60% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-050 Gym-40	North/South Gym Duct Sealant, White/ Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-051 Gym-41	North/South Gym Duct Sealant, White/ Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-052 Gym-42	North/South Gym Duct Sealant, White/ Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-053 0201-01	Administration Bldg Button Board, Pink/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-054 0201-02	Administration Bldg Button Board, Pink/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-055 0201-03	Administration Bldg Joint compound (wall), Lt. Gray/White, Non-homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	15% 60% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-056 0201-04	Administration Bldg Drywall (wall), Beige/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	<1% 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-057 0201-05	Administration Bldg Drywall composite (wall), Beige/ Brown/Lt. Gray/White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Calcium Carbonate Gypsum/Binder/Filler	2% 3% 15% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-058 0201-06	Administration Bldg Joint compound (ceiling), White, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-059 0201-07	Administration Bldg Drywall ceiling, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-060 0201-08	Administration Bldg Drywall ceiling composite, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Binder/Filler	20% <1 2% 15% 63%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-061 0201-09A	Administration Bldg 12x12 Fissured ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	35% 25% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-062 0201-09B	Administration Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-063 0201-10A	Administration Bldg 12x12 Fissured ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	35% 25% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-064 0201-10B	Administration Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-065 0201-11A	Administration Bldg 12x12 random pehole ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	35% 25% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-066 0201-11B	Administration Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-067 0201-12A	Administration Bldg 12x12 random peghole ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	35% 25% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-068 0201-12B	Administration Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-069 0201-13	Administration Bldg 2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-070 0201-14	Administration Bldg 2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-071 0201-15	Administration Bldg 2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-072 0201-16	Administration Bldg Moisture paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-073 0201-17	Administration Bldg Moisture paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-074 0201-18	Administration Bldg Moisture paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-075 0201-19	Administration Bldg Stucco, Beige/ Gray, Non- homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-076 0201-20	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-077 0201-21	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 25% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-078 0201-22	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 30% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-079 0201-23	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 30% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-080 0201-24	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 30% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-081 0201-25A	Administration Bldg Rolled on roof core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Wollastonite Quartz Bituminous Matrix/Filler	10% 2% 5% 83%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-082 0201-25B	Administration Bldg Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-083 0201-25C	Administration Bldg Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-084 0201-25D	Administration Bldg Rolled on roof core- Insulation, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-085 0201-26A	Administration Bldg Rolled on roof core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Wollastonite Quartz Bituminous Matrix/Filler	10% 2% 5% 83%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-086 0201-26B	Administration Bldg Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830178-087 0201-26C	Administration Bldg Rolled on roof core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-088 0201-26D	Administration Bldg Rolled on roof core- Insualtion, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-089 0201-27A	Administration Bldg Rolled on roof core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Wollastonite Quartz Bituminous Matrix/Filler	10% 2% 5% 83%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-090 0201-27B	Administration Bldg Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-091 0201-27C	Administration Bldg Rolled on roof core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-092 0201-27D	Administration Bldg Rolled on roof core- Insulation, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830178-093 0201-28	Administration Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Binder/Filler	<1% 5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-094 0201-29	Administration Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Binder/Filler	2% 10% 88%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-095 0201-30	Administration Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Binder/Filler	2% 10% 88%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-096 0201-31	Administration Bldg Vibration reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-097 0201-32	Administration Bldg Vibration reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-098 0201-33	Administration Bldg Vibration reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-099 0201-34	Administration Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-100 0201-35	Administration Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-101 0201-36	Administration Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-102 0202-01	Music Bldg 2x2 Fissured ceiling panel, White w/ Sq Pat, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 15% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-103 0202-02	Music Bldg 2x2 Fissured ceiling panel, White w/ Sq Pat, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 15% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-104 0202-03	Music Bldg 2x2 Fissured ceiling panel, White w/ Sq Pat, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 15% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
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PO Number
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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-105 0202-04A	Music Bldg 12" Random peghole ceiling tile, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-106 0202-04B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-107 0202-05A	Music Bldg 12" Random peghole ceiling tile, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-108 0202-05B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-109 0202-06A	Music Bldg 12" Random peghole ceiling tile, Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-110 0202-06B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-111 0202-07A	Music Bldg 12" Fissured ceiling tile, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-112 0202-07B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-113 0202-08A	Music Bldg 12" Fissured ceiling tile, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-114 0202-08B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-115 0202-09A	Music Bldg 12" Fissured ceiling tile, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-116 0202-09B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-117 0202-10	Music Bldg Drywall (wall), White, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	<1% <1 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-118 0202-11	Music Bldg Drywall (wall), White, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	<1% <1 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-119 0202-12	Music Bldg Drywall (wall), White, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	<1% <1 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-120 0202-13	Music Bldg Drywall mud (wall), White, Non-homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-121 0202-14	Music Bldg Drywall mud (wall), White, Non-homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-122 0202-15	Music Bldg Drywall mud (wall), White, Non- homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830178-123 0202-16	Music Bldg Drywall mud (wall), White, Non- homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830178-124 0202-17	Music Bldg Drywall mud (wall), White, Non- homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830178-125 0202-18	Music Bldg Drywall mud (wall), White, Non- homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830178-126 0202-19	Music Bldg Drywall mud (wall), White, Non- homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-127 0202-20	Music Bldg Drywall composite (wall), White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Filler	<1% <1% 5% 30% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-128 0202-21	Music Bldg Drywall ceiling, White/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	5% 1% 94%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-129 0202-22	Music Bldg Drywall ceiling, White/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	5% 1% 94%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-130 0202-23	Music Bldg Drywall ceiling, White/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	5% 1% 94%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-131 0202-24	Music Bldg Drywall mud ceiling, Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-132 0202-25	Music Bldg Drywall mud ceiling, Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-133 0202-26	Music Bldg Drywall mud ceiling, Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-134 0202-27	Music Bldg Drywall mud ceiling, Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-135 0202-28	Music Bldg Drywall mud ceiling, Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-136 0202-29	Music Bldg Drywall composite ceiling, White/ Brown/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Calcium Carbonate Gypsum/Binder/Filler	10% <1 15% 75%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-137 0202-30	Music Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-138 0202-31	Music Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-139 0202-32	Music Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-140 0202-33	Music Bldg Duct Sealant, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-141 0202-34	Music Bldg Duct Sealant, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-142 0202-35	Music Bldg Duct Sealant, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-143 0202-36A	Music Bldg Rolled on roof core- Capsheet, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler	15% 70% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-144 0202-36B	Music Bldg Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-145 0202-36C	Music Bldg Rolled on roof core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-146 0202-36D	Music Bldg Rolled on roof core- Insulation, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-147 0202-37A	Music Bldg Rolled on roof core- Capsheet, Black, Homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-148 0202-37B	Music Bldg Rolled on roof core- Felt (3 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-149 0202-37C	Music Bldg Rolled on roof core- Felt (4 layers), White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830178-150 0202-37D	Music Bldg Rolled on roof core- Insulation, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-151 0202-38A	Music Bldg Rolled on roof core- Tar/Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Bituminous Matrix/Filler	10% 15% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-152 0202-38B	Music Bldg Rolled on roof core- Felt (3 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-153 0202-38C	Music Bldg Rolled on roof core- Felt (2 layers), Black/Gray, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Bituminous Matrix	70% <1 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-154 0202-38D	Music Bldg Rolled on roof core- Insulation, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam	50% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-155 0202-39	Music Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	60% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830178-156 0202-40	Music Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	60% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-157 0202-41	Music Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	60% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-158 0202-42	Music Bldg Window Putty, Beige/Cream, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-159 0202-43	Music Bldg Window Putty, Beige/Cream, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-160 0202-44	Music Bldg Window Putty, Beige/Cream, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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 Attn.: Cesar Ruvalcaba

Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica
PO Number
WO Number

Report Number 1830178

Date Received 02/05/2018
Date Analyzed 02/09/2018
Date Reported 02/09/2018

Date Sampled 01/31/2018
Sampled By Jorge Robles
Total Samples 194

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-161 0202-45	Music Bldg Button Board, Beige/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	15% <1 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-162 0202-46	Music Bldg Button Board, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	10% <1 5% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-163 0202-47	Music Bldg Button Board, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	10% <1 5% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-164 0202-48	Music Bldg Roofing debris, White/Brown/Black, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Bituminous Matrix Gypsum/Binder/Filler	Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-165 0202-49	Music Bldg Roofing debris, White/Brown/Yellow, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Gypsum/Binder/Filler	Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Total Samples 194

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-166 0202-50	Music Bldg Roofing debris, White/Brown/Black, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Quartz Gypsum/Binder/Filler	Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-167 0202-51	Music Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	40% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-168 0202-52	Music Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	40% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-169 0202-53	Music Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	40% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-170 0202-54	Music Bldg Acoustical wall panel/board, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Mineral Wool Wool Fiber Binder/Filler	40% 50% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-171 0202-55	Music Bldg Acoustical wall panel/board, White/Brown/Yellow, Non- homogeneous	LAYER 1 100%	Mineral Wool Wood Fiber Binder/Filler	20% 65% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number

WO Number

Date Sampled 01/31/2018

Sampled By Jorge Robles

Total Samples 194

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-172 0202-56	Music Bldg Acoustical wall panel/board, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Mineral Wool Wood Fiber Binder/Filler	35% 50% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-173 0202-57	Music Bldg Rough wall plaster, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	25% 20% 55%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-174 0202-58	Music Bldg Rough wall plaster, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	40% 15% 45%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-175 0202-59	Music Bldg Rough wall plaster, Beige, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-176 0202-60	Music Bldg Rough wall plaster, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	40% 15% 45%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Sampled By Jorge Robles
Total Samples 194

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-177 0202-61	Music Bldg Rough wall plaster, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	40% 15% 45%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-178 0202-62	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	40% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-179 0202-63	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	40% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-180 0202-64	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	40% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-181 0202-65	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	55% 45%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-182 0202-66	Music Bldg Acoustical plaster ceiling, Gray, Non-homogeneous	Non-LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-183 0202-67	Music Bldg Acoustical plaster ceiling, Gray, Non-homogeneous	Non-LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-184 0202-68	Music Bldg Acoustical plaster ceiling, Gray, Non-homogeneous	Non-LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-185 0202-69	Music Bldg 2x4 Fissured ceiling panel, White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 15% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-186 0202-70	Music Bldg 2x4 Fissured ceiling panel, White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 15% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-187 0202-71	Music Bldg 2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 15% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830178-188 0202-72	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 35% 25%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-189 0202-73	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 35% 20%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-190 0202-74	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830178-191 0202-75	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 35% 25%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%



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Sampled By Jorge Robles
Total Samples 194

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1830178-192 0202-76	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz 40% Calcium Carbonate 35% Binder/Filler 25%	Chrysotile <1%
Asbestos Present Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <1%
1830178-193 0202-77	Music Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Quartz 45% Calcium Carbonate 25% Binder/Filler 30%	Chrysotile <1%
Asbestos Present Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <1%
1830178-194 0202-78	Music Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Quartz 45% Calcium Carbonate 25% Binder/Filler 30%	Chrysotile <1%
Asbestos Present Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <1%

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.

Cristina Tabatt
Analyst - Cristina Tabatt

Cristina Tabatt
Approved Signatory Cristina E. Tabatt



CHAIN OF CUSTODY



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(Lab) Order No. **1830178**

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Cesar Ravalcaba@altaenviro.com	3 Day <input checked="" type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone	562/ 495-5777	5 Day <input type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/ 495-5877	Special Instructions:		
Email				

PROJECT INFORMATION	
Project Name: <u>SAMOH1</u>	PO Number: _____
Project Number: <u>SM50-18-7472</u>	Work Order No.: _____
Location: <u>SANTA MONICA</u>	Sampled By: <u>Jorge Rojas</u>

PLM PLM EPA 600/R-93/116 <input checked="" type="checkbox"/> PLM 400 Pt. Count (<0.25%) <input type="checkbox"/> PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	PCM NIOSH 7400A <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> w/ TWA <input type="checkbox"/>	MOLD Spore Trap <input type="checkbox"/> Tape Lift <input type="checkbox"/> Bulk Sample <input type="checkbox"/>	LEAD (Pb) Air <input type="checkbox"/> TTLC <input type="checkbox"/> Paint <input type="checkbox"/> STLC <input type="checkbox"/> Wipe <input type="checkbox"/> TCLP <input type="checkbox"/> Soil <input type="checkbox"/>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg	Volume (L)
				Stop Time	Flow Rate	
Gym-01	Drywall	North/South Gym	1/31/18	-----		
-02	↓			-----		
-03	2x4 fissured ceiling panel			-----		
-04	↓			-----		
-05	Plaster			-----		
-06	12" Random Regrete ceiling tile w/mastic			-----		
-07	↓			-----		
-08	Drywall (ceiling)			-----		
-09	↓			-----		
-10	12" fissured ceiling tile w/ glue			-----		

Relinquished By: <u>[Signature]</u>	Received By: <u>dstebatt</u>
Date/Time: <u>02/05/18 1630</u>	Date/Time: <u>02/05/18, 1637</u>

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Company: Alta Environmental

Project Number: SMSD-18-7472

Project Name: SAMOH1

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
gym-11	12" fissured ceiling tile w/ glue	North/South Gym	1/31/18			
-12	2x4' simboon ceiling panel					
-13	↓					
-14	Grey Duct Sealant					
-15	↓					
-16	↓					
-17	Drywall composite w/ mud					
-21	(ceiling) Drywall mud					
-22	↓					
-23	↓					
-24	↓					
-25	↓					
-26	↓					
-27	↓					
-28	Grand Roof Core					
-29	↓					
-30	↓					
-31	gray patch mastic					
-32	↓					
-33	↓					

Relinquished By: [Signature] **Received By:** [Signature]

Date/Time: 2/5/18 1630 **Date/Time:** 02/05/18, 1637

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Company: Alta Environmental

Project Number: SMSD-18-7472

Project Name: SAA0011

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
Gym - 34	gray rolled on roof core	North/South gym	1/31/18			
-35	↓					
-36	↓					
-37	white penetration mastic					
-38	↓					
-39	↓					
-40	white/grey Duct Sealant					
-41	↓					
-42	↓					
0201-01	Butter Board	Administration Bldg	2/1/18			
-02	↓					
-03	joint compound (wall)					
-04	Drywall (wall)					
-05	Drywall composite (wall)					
-06	joint compound (ceiling)					
-07	Drywall ceiling					
-08	Drywall ceiling composite					
-09	12x12 fissured ceiling tile w/ glue					
-10	↓					
-11	12x12 random peghole ceiling tile w/ glue					

Relinquished By: *[Signature]* Received By: *d2 Tibatt*

Date/Time: 2/5/18 16:30 Date/Time: 02/05/18, 16:37

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Company: Alta Environmental

Project Number: SMSD-18-7472

Project Name: SAMOHI

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
0201-12	12x12 Random peghole ceiling tile w/ glue	Administration Bldg	2/1/18			
-13	2x4' Fissured ceiling panel					
-14	↓					
-15	↓					
-16	moisture paper					
-17	↓					
-18	↓					
-19	stucco					
-20	↓					
-21	↓					
-22	↓					
-23	↓					
-24	↓					
-25	gray rolled on roof cone					
-26	↓					
-27	↓					
-28	white penetration mastic					
-29	↓					
-30	↓					
-31	vibration reducer					

Relinquished By: *[Signature]* Received By: *[Signature]*

Date/Time: 2/5/18 1630 Date/Time: 02/05/18, 1637

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Company: Alta Environmental

Project Number: SMSD-18-7412

Project Name: SAMOHI

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
0201-32	Vibration reducer	Administration Bldg	2/1/18				
-33	↓	↓	↓				
-34	Duct Sealant	↓	↓				
-35	↓	↓	↓				
-36	↓	↓	↓				
0202-01	2x2 Fissured ceiling panel	Music Bldg	2/2/18				
-02	↓	↓	↓				
-03	↓	↓	↓				
-04	12" Random pynote ceiling tile w/ mastic	↓	↓				
-05	↓	↓	↓				
-06	↓	↓	↓				
-07	12" Fissured ceiling tile w/ mastic	↓	↓				
-08	↓	↓	↓				
-09	↓	↓	↓				
-10	Drywall (wall)	↓	↓				
-11	↓	↓	↓				
-12	↓	↓	↓				
-13	Drywall mud (wall)	↓	↓				
-14	↓	↓	↓				
-15	↓	↓	↓				

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Date/Time: 2/5/18 1030

Received By: [Signature]

Date/Time: 02/05/18, 1437

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Company:	Alta Environmental
Project Number:	SMSD-18-TH72
Project Name:	SAMOH1

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
0202-16	Drywall mud (wall)	Music Bldg		-----		
-17	↓			-----		
-18	↓			-----		
-19	↓			-----		
-20	Drywall composite (wall)			-----		
-21	Drywall ceiling			-----		
-22	↓			-----		
-23	↓			-----		
-24	Drywall Mud Ceiling			-----		
-25	↓			-----		
-26	↓			-----		
-27	↓			-----		
-28	↓			-----		
-29	Drywall composite ceiling			-----		
-30	Gray Duct Sealant			-----		
-31	↓			-----		
-32	↓			-----		
-33	White Duct sealant			-----		
-34	↓			-----		
-35	↓			-----		

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 2/5/18 1630	Date/Time: 02/05/18, 1637

CHAIN OF CUSTODY

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services@AQenvlabs.com



Company:	Alta Environmental
Project Number:	SMSO-18-7472
Project Name:	SANOH1

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
0202-36	white rolled on roof core	Music Bldg	2/2/18				
-37	↓						
-38	↓						
-39	white penetration mastic						
-40	↓						
-41	↓						
-42	window putty						
-43	↓						
-44	↓						
-45	Button Board						
-46	↓						
-47	↓						
-48	Roofing Debris						
-49	↓						
-50	↓						
-51	Barrier Paper						
-52	↓						
-53	↓						
-54	Acoustical wall panel/board						
-55	↓						

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 2/5/18 1630	Date/Time: 02/05/18, 1637

CHAIN OF CUSTODY

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Company: Alta Environmental
Project Number: SMSD-18-7472
Project Name: SANDHI

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
0202-56	Acoustical wall panel / Board	Music Bldg	2/2/18			
-57	Rough wall plaster					
-58						
-59						
-60						
-61						
-62						
-63						
-64						
-65						
-66						
-67						
-68						
-69						
-70						
-71						
-72	Stucco					
-73						
-74						
-75						

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 Date/Time: 2/5/18 1630 Date/Time: 02/05/18, 1637



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Alta Environmental
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Attn.: Cesar Ruvalcaba

Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830176

Date Received 02/07/2018
Date Analyzed 02/08/2018
Date Reported 02/08/2018

Date Sampled 01/24/2018
Sampled By Jorge Robles
Total Samples 3

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1830176-001 0125-A7	Art Bldg Window Putty, Gray, Non-homogeneous	LAYER 1 100%	Acid Soluble Material 88.01% Organic/Volatile Material 9.39% Non-Asbestos Residue 1.98%	Chrysotile 0.62%
1000 pt. POINT COUNT				
Asbestos Present Yes		Total % Non-Asbestos: 99.4%		Total %Asbestos: 0.62%
1830176-002 0125-A8	Art Bldg Window Putty, Gray, Non-homogeneous	LAYER 1 100%	Acid Soluble Material 88.47% Organic/Volatile Material 8.88% Non-Asbestos Residue 2.14%	Chrysotile 0.51%
1000 pt. POINT COUNT				
Asbestos Present Yes		Total % Non-Asbestos: 99.5%		Total %Asbestos: 0.51%
1830176-003 0125-A9	Art Bldg Window Putty, Gray, Non-homogeneous	LAYER 1 100%	Acid Soluble Material 87.51% Organic/Volatile Material 9.78% Non-Asbestos Residue 2.14%	Chrysotile 0.57%
1000 pt. POINT COUNT				
Asbestos Present Yes		Total % Non-Asbestos: 99.4%		Total %Asbestos: 0.57%

Note: EPA 400 point count extended to 1000 points to meet the Cal OSHA regulatory limit of 0.1%.

Method Detection Limit: One tenth of one percent (0.1%). Asbestos content has been determined using the point count method. Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.

Analyst - Fred Chappellear

Approved Signatory Cristina E. Tabatt





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Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830167

Date Received 02/02/2018
Date Analyzed 02/12/2018
Date Reported 02/12/2018

Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-001 0129-01A	Barnum Hall 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Mineral Wool Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-002 0129-01B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-003 0129-02A	Barnum Hall 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Mineral Wool Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-004 0129-02B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-005 0129-03	Barnum Hall Ceiling Tile Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-006 0129-04	Barnum Hall Duct Sealant, Gray/Yellow, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-007 0129-05	Barnum Hall Duct Sealant, Gray/Yellow, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-008 0129-06	Barnum Hall Duct Sealant, Gray/Yellow, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-009 0129-07	Barnum Hall Stucco, Yellow/White/Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-010 0129-08	Barnum Hall Stucco, Yellow/White/Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-011 0129-09	Barnum Hall Stucco, Yellow/White/Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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WO Number

Report Number 1830167

Date Received 02/02/2018
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Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-012 0129-10	Barnum Hall Smooth Plaster Wall, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Quartz Gypsum Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-013 0129-11	Barnum Hall Smooth Plaster Wall, White/Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Calcium Carbonate Quartz Gypsum Other Non-Fibrous Material	<1% 10% 40% 35% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-014 0129-12	Barnum Hall Rough Plaster Wall, Green/Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-015 0129-13	Barnum Hall Rough Plaster Wall, Green/Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Calcium Carbonate Gypsum Quartz Perlite Other Non-Fibrous Material	<1% 15% 40% 25% 10% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-016 0129-14A	Barnum Hall Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-017 0129-14B	Barnum Hall Roof Core - Composition Roofing (2 Layers), White/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 65% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-018 0129-14C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-019 0129-14D	Barnum Hall Roof Core - Paper, Pink, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-020 0129-15A	Barnum Hall Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-021 0129-15B	Barnum Hall Roof Core - Comp. Roofing (2 Layers), White/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 65% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-022 0129-15C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Date Received 02/02/2018
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Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-023 0129-15D	Barnum Hall Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-024 0129-16A	Barnum Hall Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-025 0129-16B	Barnum Hall Roof Core - Comp. Roofing (2 Layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Other Non-Fibrous Material	15% 65% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-026 0129-16C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-027 0129-16D	Barnum Hall Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-028 0129-17	Barnum Hall Penetration Mastic, White/Black/Silver, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler Metallic Flashing Other Non-Fibrous Material	5% 45% 35% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
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Report Number 1830167

Date Received 02/02/2018
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Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-029 0129-18	Barnum Hall Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	2% 78% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-030 0129-19	Barnum Hall Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	2% 78% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-031 0129-20	Barnum Hall Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	8% 92%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-032 0129-21	Barnum Hall Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-033 0129-22	Barnum Hall Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	8% 92%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-034 0129-23A	Barnum Hall 12" Peghole Ceiling Tile, White/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite Binder/Filler	30% 30% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
Project Name SAMOHI
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Report Number 1830167

Date Received 02/02/2018
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Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-035 0129-23B	Barnum Hall Mastic, Brown, Non-homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-036 0129-24A	Barnum Hall 12" Peghole Ceiling Tile, Beige, Homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite	30% 30% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-037 0129-24B	Barnum Hall Mastic, Brown, Non-homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-038 0129-25A	Barnum Hall 12" Peghole Ceiling Tile, White/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite Binder/Filler	30% 30% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-039 0129-25B	Barnum Hall Mastic, Brown, Homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-040 0129-26	Barnum Hall Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number

WO Number

Date Sampled 01/29/2018

Sampled By Jorge Robles

Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-041 0129-27	Barnum Hall Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-042 0129-28	Barnum Hall Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-043 0129-29	Barnum Hall Soft Fireproofing, Gray/Green, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 30% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-044 0129-30	Barnum Hall Soft Fireproofing, Gray/Green, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 30% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-045 0129-31	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-046 0129-32	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830167

Date Received 02/02/2018
Date Analyzed 02/12/2018
Date Reported 02/12/2018

Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-047 0129-33	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-048 0130-01	Language Bldg Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	15% <1 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-049 0130-02	Language Bldg Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-050 0130-03	Language Bldg HVAC Joint Compound, Gray, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-051 0130-04	Language Bldg HVAC Joint Compound, Gray, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-052 0130-05A	Language Bldg 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Polystyrene Foam Binder/Filler	35% 20% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-053 0130-05B	Language Bldg Glue, Brown, Non-homogeneous	LAYER 1 100%	Fibrous Talc Adhesive Binders/Filler	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-054 0130-06A	Language Bldg 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Polystyrene Foam Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-055 0130-06B	Language Bldg Mastic, Brown, Non-homogeneous	LAYER 1 100%	Fibrous Talc Adhesive Binders/Filler	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-056 0130-07A	Language Bldg 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Polystyrene Foam Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-057 0130-07B	Language Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Fibrous Talc Adhesive Binders/Filler	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-058 0130-08	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-059 0130-09	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-060 0130-10	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-061 0130-11	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-062 0130-12	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-063 0130-13	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-064 0130-14	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Gypsum Quartz Other Non-Fibrous Material	50% 35% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-065 0130-15	Language Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-066 0130-16	Language Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-067 0130-17	Language Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-068 0130-18	Language Bldg Patch Mastic, Beige/Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Material	5% <1 35% 60%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-069 0130-19	Language Bldg Patch Mastic, Beige/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Material	3% 2% 20% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-070 0130-20	Language Bldg Patch Mastic, Beige/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Material	3% 2% 20% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-071 0130-21	Language Bldg Roof Mastic, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-072 0130-22	Language Bldg Roof Mastic, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-073 0130-23	Language Bldg Roof Mastic, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Other Non-Fibrous Material	5% 50% 45%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-074 0130-24	Language Bldg 2x4 Fissured Ceiling Panel, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite	30% 20% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-075 0130-25	Language Bldg 2x4 Fissured Ceiling Panel, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	30% 20% 45% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-076 0130-26	Language Bldg 2x4 Fissured Ceiling Panel, White/Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	25% 15% 50% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-077 0130-H1	History Bldg LAYER 1 Smooth Plaster Walls - Skim Coat, Blue/White, Non-homogeneous	LAYER 1 25%	Calcium Carbonate Gypsum Quartz Binder/Filler	10% 45% 20% 25%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 75%	Gypsum Quartz Other Non-Fibrous Material	45% 40% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-078 0130-H2	History Bldg LAYER 1 Smooth Plaster Walls - Skim Coat, Blue/White, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Binder/Filler	10% 45% 20% 25%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	45% 40% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-079 0130-H3	History Bldg LAYER 1 Smooth Plaster Walls - Skim Coat, Blue/White, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Binder/Filler	10% 45% 20% 25%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	45% 40% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-080 0130-H4	History Bldg Smooth Plaster Walls, Blue/White/Beige, Non- homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	5% 50% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-081 0130-H5	History Bldg Smooth Plaster Walls, Blue/Beige, Non-homogeneous	LAYER 1 20%	Gypsum Quartz Other Non-Fibrous Material	55% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-082 0130-H6	History Bldg Smooth Plaster Walls, Blue/Beige, Non-homogeneous	LAYER 1 20%	Gypsum Quartz Other Non-Fibrous Material	55% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830167-083 0130-H7	History Bldg Smooth Plaster Walls, Blue/White/Beige, Non- homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	5% 50% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-084 0130-H8	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 35%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 65%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-085 0130-H9	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Yellow, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, White, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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1830167-086 0130-H10	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-087 0130-H11	History Bldg Rough Plaster Walls, White/Beige, Non-homogeneous	LAYER 1 100%	Gypsum Quartz Calcium Carbonate Other Non-Fibrous Material	45% 35% 10% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-088 0130-H12	History Bldg Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 45% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-089 0130-H13	History Bldg Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 45% 35% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830167-090 0130-H14	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Yellow, Non-homogeneous	LAYER 1 35%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 65%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-091 0130-H15	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-092 0130-H16	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-093 0130-H17	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-094 0130-H18	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830167-095 0130-H19	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-096 0130-H20	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-097 0130-H21	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-098 0130-H22	History Bldg Gypsum Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	50% <1% <1% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-099 0130-H23	History Bldg Gypsum Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	50% <1% <1% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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 Fax: 562-206-2773

Alta Environmental
 3777 Long Beach Blvd.
 Long Beach CA 90807
 Attn.: Cesar Ruvalcaba

Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830167

Date Received 02/02/2018
Date Analyzed 02/12/2018
Date Reported 02/12/2018

Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-100 0130-H24A	History Bldg 12" Random peghole ceiling tile, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-101 0130-H24B	History Bldg Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-102 0130-H25A	History Bldg 12" Random peghole ceiling tile, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-103 0130-H25B	History Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-104 0130-H26	History Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-105 0130-H27	History Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



**ENVIRONMENTAL
LABORATORIES
LLC**

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Report Number 1830167

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Project Name SAMOHI

Location Santa Monica, CA

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Date Sampled 01/29/2018

Sampled By Jorge Robles

Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-106 0130-H28	History Bldg Button Board, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-107 0130-H29	History Bldg TSI Pipe Insulation, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	37% 55%	Amosite Chrysotile	6% 2%
Asbestos Present Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos:	8.0%
1830167-108 0130-H30	History Bldg TSI Pipe Insulation, White, Non-homogeneous	LAYER 1 100%	Binder/Filler	90%	Amosite Chrysotile	8% 2%
Asbestos Present Yes		Total % Non-Asbestos:		90.0%	Total %Asbestos:	10.0%
1830167-109 0130-H31	History Bldg TSI Pipe Insulation, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	37% 55%	Amosite Chrysotile	6% 2%
Asbestos Present Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos:	8.0%
1830167-110 0130-H32	History Bldg Roofing Debris, Brown/Gray, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-111 0130-H33	History Bldg Roofing Debris, Brown/Gray, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-112 0130-H34	History Bldg Roofing Debris, Brown/Gray, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-113 0130-H35	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non-homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830167-114 0130-H36	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non-homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-115 0130-H37	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non- homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-116 0130-H38	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Non-Fibrous Material	65% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-117 0130-H39	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Non-Fibrous Material	2% 63% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-118 0130-H40	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Non-Fibrous Material	2% 63% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-119 0130-H41	History Bldg Vibration Reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
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WO Number

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Date Sampled 01/29/2018
Sampled By Jorge Robles
Total Samples 121

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-120 0130-H42	History Bldg Vibration Reducer, Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830167-121 0130-H43	History Bldg Vibration Reducer, Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.

Analyst - Fred Chappellear

Approved Signatory Cristina E. Tabatt



CHAIN OF CUSTODY

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(Lab) Order No. **1830167**

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Cesar.Ruvalcaba@altaenv.com	3 Day <input type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone	562/ 495-5777	5 Day <input checked="" type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/ 495-5877	Special Instructions:		
Email				

PROJECT INFORMATION	
Project Name: <u>SAMOH1</u>	PO Number: _____
Project Number: <u>SMSD-18-7472</u>	Work Order No.: _____
Location: <u>Santa Monica CA</u>	Sampled By: <u>Jorge Robles</u>

PLM	PCM	MOLD	LEAD (Pb)
PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	NIOSH 7400A <input type="checkbox"/>	Spore Trap <input type="checkbox"/>	Air <input type="checkbox"/> TTLC <input type="checkbox"/>
PLM 400 Pt. Count (<0.25%) <input type="checkbox"/>	NIOSH 7400B <input type="checkbox"/>	Tape Lift <input type="checkbox"/>	Paint <input type="checkbox"/> STLC <input type="checkbox"/>
PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	w/ TWA <input type="checkbox"/>	Bulk Sample <input type="checkbox"/>	Wipe <input type="checkbox"/> TCLP <input type="checkbox"/>
			Soil <input type="checkbox"/>

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg	Volume (L)
				Stop Time	Flow Rate	
0129-01	12" Fissured ceiling tile w/ mastic	Barnum Hall	1/29/18	-----		
-02	I			-----		
-03	ceiling tile mastic			-----		
-04	Duct Sealant			-----		
-05	I			-----		
-06	I			-----		
-07	stucco			-----		
-08	I			-----		
-09	I			-----		
-10	Smooth Plastic Wall			-----		

Relinquished By: <u>Jorge</u>	Received By: <u>C. Tabatt</u>
Date/Time: <u>2/1/18 2200</u>	Date/Time: <u>02/02/18 8:00 am</u>

CHAIN OF CUSTODY

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Company: Alta Environmental

Project Number: SMSD-18-742A

Project Name: SAMOHI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
0129-11	Smooth Plaster Wall	Barnum Hall	1/29/18			
-12	Rough Plaster wall					
-13	↓					
-14	White roof Coor					
-15	↓					
-16	↓					
-17	White penetration mastic					
-18	↓					
-19	↓					
-20	Gray Patch mastic					
-21	↓					
-22	↓					
-23	12" peghole ceiling tile w/ mastic					
-24	↓					
-25	↓					
-26	Light gray soft fireproofing					
-27	↓					
-28	↓					
-29	↓					
-30	↓					

Relinquished By: <i>Jorge Pe</i>	Received By: <i>dsthall</i>
Date/Time: <i>2/1/18 2200</i>	Date/Time: <i>02/02/18, 8:00 am</i>

CHAIN OF CUSTODY

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Company: Alta Environmental

Project Number: _____

Project Name: _____

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
0129-31	Vibration reducer	Barnum Hall	1/29/18			
┆ -32	┆					
┆ -33	┆					
0130-01	Drywall	Language Bldg	1/30/18			
-02	┆					
-03	HVAC Joint compound					
-04	┆					
-05	12" Frissured Ceiling tile w/ glue					
-06	┆					
-07						
-08	Acoustical Plaster ceiling					
-09	┆					
-10						
-11						
-12						
-13						
-14	┆					
-15	Button Board					
-16	┆					
-17						

Relinquished By: <u>Jef Oz</u>	Received By: <u>CS Tsbatt</u>
Date/Time: <u>2/1/18 2200</u>	Date/Time: <u>02/02/18, 8:00 am</u>

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Company:	Alta Environmental
Project Number:	SMSD-18-7472
Project Name:	SAMOHI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)					
0130-18	Gray Patch Mastic	Language Bldg	1/30/18								
-19	↓										
-20	↓										
-21	Root Mastic										
-22	↓										
-23	↓										
-24	2x4 Fissured ceiling panel										
-25	↓										
-26	↓										
0130-H1	Smooth Plaster walls						History Bldg				
-H2	↓										
-H3	↓										
-H4	↓										
-H5	↓										
-H6	↓										
-H7	↓										
-H8	Rough Plaster walls										
-H9	↓										
-H10	↓										
-H11	↓										

Relinquished By: <i>J. R. [Signature]</i>	Received By: <i>C. T. [Signature]</i>
Date/Time: <i>2/1/18 2:00</i>	Date/Time: <i>02/02/18, 8:00 am</i>

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Company:	Alta Environmental
Project Number:	SMSD-18-7472
Project Name:	SAMOLTI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
0130-H12	Rough wall plaster	History Bldg	1/30/18			
-H13	↓					
-H14	↓					
-H15	window Putty					
-H16	↓					
-H17	↓					
-H18	2x2' fissured ceiling panel					
-H19	↓					
-H20	2x4 fissured ceiling panel					
-H21	↓					
-H22	Gypsum Board					
-H23	↓					
-H24	12" random peghole ceiling tile w/ mastic					
-H25	↓					
-H26	Button Board					
-H27	↓					
-H28	↓					
-H29	TSI Pipe insulation					
-H30	↓					
-H31	↓					

Relinquished By: <i>Joe [Signature]</i>	Received By: <i>Dr Tebatt</i>
Date/Time: <i>2/1/18 2200</i>	Date/Time: <i>02/02/18, 8:00 am</i>

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Company:	Alta Environmental
Project Number:	SM30-18-7472
Project Name:	SAMOH1

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)					
0130-132	Roofing Debris	History Bldg	4/30/18								
-H33	↓										
-H34	↓										
-H35	White rolled on roof core										
-H36	↓										
-H37	↓										
-H38	white penetration mastic										
-H39	↓										
-H40	↓										
-H41	Vibration reducer										
-H42	↓										
-H43	↓										

Relinquished By: <i>Jeg CR</i>	Received By: <i>cr Tabbatt</i>
Date/Time: <i>2/1/18 2200</i>	Date/Time: <i>02/02/18, 8:00 am</i>



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Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830087

Date Received 01/30/2018
Date Analyzed 02/06/2018
Date Reported 02/06/2018

Date Sampled 01/24/2018
Sampled By Jorge Robles
Total Samples 113

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-001 0124-01	Business Bldg Rough Plaster Ceiling, Beige, Homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 50% 35% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830087-002 0124-02	Business Bldg Rough Plaster Ceiling, Beige, Homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 40% 40% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830087-003 0124-03	Business Bldg Rough Plaster Ceiling, Beige, Homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 40% 40% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830087-004 0124-04	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830087-005 0124-05	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Total Samples 113

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-006 0124-06	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-007 0124-07	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-008 0124-08	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-009 0124-09	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-010 0124-10	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
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Report Number 1830087

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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-011 0124-11	Business Bldg Drywall, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	25% <1 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-012 0124-12A	Business Bldg 12"x12" Random Peghole Ceiling Tile, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-013 0124-12B	Business Bldg Glue, Brown	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-014 0124-13A	Business Bldg 12"x12" Random Peghole Ceiling Tile, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-015 0124-13B	Business Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-016 0124-14	Business Bldg 2'x4' Fissured Ceiling Panel, White/Gray, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-017 0124-15	Business Bldg 2'x4' Fissured Ceiling Panel, White/Gray, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-018 0124-16	Business Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-019 0124-17	Business Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-020 0124-18	Business Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-021 0124-19	Business Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	25% 45% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-022 0124-20	Business Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	30% 45% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830087-023 0124-21	Business Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	25% 45% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830087-024 0124-22	Business Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	25% 45% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830087-025 0124-23	Business Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	25% 45% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830087-026 0124-24	Business Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	25% 45% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-027 0124-25	Business Bldg Moisture Paper (behind Stucco), Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-028 0124-26	Business Bldg Moisture Paper (behind Stucco), Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-029 0124-27	Business Bldg Moisture Paper (behind Stucco), Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-030 0124-28	Business Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	15% <1% <1% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-031 0124-29	Business Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	15% <1% <1% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-032 0124-30	Business Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	15% <1% <1% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-033 0124-31	Business Bldg TSI (above Drop Down Ceiling), White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	<1% 95%	Amosite Crocidolite	5% <1
Asbestos Present Yes		Total % Non-Asbestos:		95.0%	Total %Asbestos: 5.0%	
1830087-034 0124-32	Business Bldg TSI (above Drop Down Ceiling), White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	<1% 95%	Amosite Crocidolite	5% <1
Asbestos Present Yes		Total % Non-Asbestos:		95.0%	Total %Asbestos: 5.0%	
1830087-035 0124-33	Business Bldg TSI (above Drop Down Ceiling), White, Non-homogeneous	LAYER 1 100%	Binder/Filler	92%	Amosite Crocidolite	8% <1
Asbestos Present Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos: 8.0%	
1830087-036 0124-34	Business Bldg Roofing Debris, Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Quartz Gypsum Mica Other Non-Fibrous Material	Present Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1830087-037 0124-35	Business Bldg Roofing Debris, Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Bituminous Matrix Quartz Gypsum Mica Other Non-Fibrous Material	Present Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-038 0124-36	Business Bldg Roofing Debris, Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Bituminous Matrix Quartz Gypsum Mica Other Non-Fibrous Material	Present Present Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-039 0124-37A	Business Bldg Roof Core - Layered Felt/Tar, Silver/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint	15% 80% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-040 0124-37B	Business Bldg Roof Core - Paper, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-041 0124-38A	Business Bldg Roof Core - Capsheet, Silver/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint	10% 85% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-042 0124-38B	Business Bldg Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-043 0124-38C	Business Bldg Roof Core - Paper, Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-044 0124-39A	Business Bldg Roof Core - Capsheet, Silver/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint	10% 85% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-045 0124-39B	Business Bldg Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-046 0124-39C	Business Bldg Roof Core - Paper, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-047 0124-40	Business Bldg Roof Penetration Mastic, Silver/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Metallic Paint	<1% 90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-048 0124-41	Business Bldg Roof Penetration Mastic, Silver/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Metallic Paint	<1% 90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-049 0124-42	Business Bldg Roof Penetration Mastic, Silver/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Metallic Paint	<1% 90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-050 0125-01A	English Bldg 12"x12" Straight Peghole Ceiling Tile, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-051 0125-01B	English Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-052 0125-02A	English Bldg 12"x12" Straight Peghole Ceiling Tile, White/Brown, Homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-053 0125-02B	English Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-054 0125-03	English Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 50% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830087-055 0125-04	English Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 50% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-056 0125-05	English Bldg 2'x4' Ceiling Panel Fissured, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	50% 45% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-057 0125-06	English Bldg 2'x4' Ceiling Panel Fissured, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	50% 45% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-058 0125-07	English Bldg 2'x4' Ceiling Panel Fissured, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	50% 45% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-059 0125-08A	English Bldg Rolled On Roof Core - Capsheet, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	10% 80% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-060 0125-08B	English Bldg Rolled On Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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1830087-061 0125-08C	English Bldg Rolled On Roof Core - Paper, Pink, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-062 0125-09A	English Bldg Rolled On Roof Core - Capsheet, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	10% 80% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-063 0125-09B	English Bldg Rolled On Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-064 0125-09C	English Bldg Rolled On Roof Core - Paper, Pink, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-065 0125-10A	English Bldg Rolled On Roof Core - Capsheet, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	10% 80% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-066 0125-10B	English Bldg Rolled On Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-18-7472
Project Name SAMOHI
Location Santa Monica, CA
PO Number
WO Number

Report Number 1830087

Date Received 01/30/2018
Date Analyzed 02/06/2018
Date Reported 02/06/2018

Date Sampled 01/24/2018
Sampled By Jorge Robles
Total Samples 113

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-067 0125-10C	English Bldg Rolled On Roof Core - Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-068 0125-11	English Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	3% 97%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-069 0125-12	English Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	3% 97%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-070 0125-13	English Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	3% 97%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-071 0125-14	English Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-072 0125-15	English Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	5% 95%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



1508 East 33rd Street
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 Tel: 562-206-2770
 Fax: 562-206-2773

Alta Environmental
 3777 Long Beach Blvd.
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 Attn.: Cesar Ruvalcaba

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 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-073 0125-16	English Bldg Penetration Mastic, White, Non-homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-074 0125-A1A	Art Bldg 12"x12" Random Pinhole Ceiling Tile, Lt. Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-075 0125-A1B	Art Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-076 0125-A2A	Art Bldg 12"x12" Random Pinhole Ceiling Tile, Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-077 0125-A2B	Art Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-078 0125-A3	Art Bldg 2'x4' Fissured Ceiling Panel, White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	50% 45% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-079 0125-A4	Art Bldg 2'x4' Fissured Ceiling Panel, White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	50% 45% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-080 0125-A5	Art Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	60% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-081 0125-A6	Art Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	65% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-082 0125-A7	Art Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830087-083 0125-A8	Art Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1830087-084 0125-A9	Art Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%



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Total Samples 113

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-085 0125-A10	Art Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-086 0125-A11	Art Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-087 0125-A12	Art Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-088 0125-A13	Art Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-089 0125-A14	Art Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Binder/Filler	35% 20% 45%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-090 0125-A15	Art Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-091 0125-A16	Art Bldg Duct Wrapping, White/Silver, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Metallic Foil Binder/Filler	20% 5% 10% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-092 0125-A17	Art Bldg Duct Wrapping, White/Silver, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Metallic Foil Binder/Filler	20% 5% 10% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-093 0125-A18	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Binder/Filler	27% 70%	Chrysotile	3%
Asbestos Present Yes		Total % Non-Asbestos:		97.0%	Total %Asbestos:	3.0%
1830087-094 0125-A19	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Other Non-Fibrous Material	37% 60%	Chrysotile	3%
Asbestos Present Yes		Total % Non-Asbestos:		97.0%	Total %Asbestos:	3.0%
1830087-095 0125-A20	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Other Non-Fibrous Material	38% 60%	Chrysotile	2%
Asbestos Present Yes		Total % Non-Asbestos:		98.0%	Total %Asbestos:	2.0%



ENVIRONMENTAL
LABORATORIES
LLC

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Total Samples 113

Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-096 0125-A21	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Binder/Filler	37% 60%	Chrysotile	3%
Asbestos Present Yes		Total % Non-Asbestos:		97.0%	Total %Asbestos:	3.0%
1830087-097 0125-A22	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Other Non-Fibrous Material	38% 60%	Chrysotile	2%
Asbestos Present Yes		Total % Non-Asbestos:		98.0%	Total %Asbestos:	2.0%
1830087-098 0125-A23	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Other Non-Fibrous Material	38% 60%	Chrysotile	2%
Asbestos Present Yes		Total % Non-Asbestos:		98.0%	Total %Asbestos:	2.0%
1830087-099 0125-A24	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Binder/Filler	37% 60%	Chrysotile	3%
Asbestos Present Yes		Total % Non-Asbestos:		97.0%	Total %Asbestos:	3.0%
1830087-100 0125-A25A	Art Bldg Roof Core - Layered Felt/Tar, Silver/White/Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Fibrous Glass Bituminous Matrix/Filler	15% 10% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-101 0125-A25B	Art Bldg Roof Core - Paper, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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 Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-102 0125-A26A	Art Bldg Roof Core - Capsheet, Silver/White/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-103 0125-A26B	Art Bldg Roof Core - Layered Felt/Tar, Silver/Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Fibrous Glass Bituminous Matrix/Filler	20% 15% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-104 0125-A26C	Art Bldg Roof Core - Paper, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-105 0125-A26D	Art Bldg Roof Core - Layered Felt/Tar, Silver/Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Fibrous Glass Bituminous Matrix/Filler	20% 15% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-106 0125-A27A	Art Bldg Roof Core - Layered Felt/Tar, Silver/White/Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Fibrous Glass Bituminous Matrix/Filler	15% 10% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1830087-107 0125-A27B	Art Bldg Roof Core - Paper, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
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1830087-108 0125-A28	Art Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Wollastonite Bituminous Material Other Non-Fibrous Material	5% 40% 55%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected

1830087-109 0125-A29	Art Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Wollastonite Cellulose Fiber Bituminous Material Other Non-Fibrous Material	5% 5% 35% 55%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected

1830087-110 0125-A30	Art Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Wollastonite Cellulose Fiber Bituminous Material Other Non-Fibrous Material	5% 5% 35% 55%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected

1830087-111 0125-A31	Art Bldg Roofing Debris, Gray/Black, Non- homogeneous Note: Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Bituminous Material Quartz Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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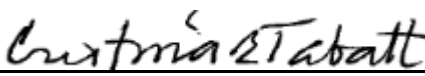
Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-112 0125-A32	Art Bldg Roofing Debris, Gray/Black, Non- homogeneous Note: Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Bituminous Material Quartz Perlite Other Non-Fibrous Material	Present Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	

1830087-113 0125-A33	Art Bldg Roofing Debris, Gray/Black, Non- homogeneous Note: Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Bituminous Material Quartz Perlite Other Non-Fibrous Material	Present Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.


 Analyst - Fred Chappelle


 Approved Signatory Cristina E. Tabatt





CHAIN OF CUSTODY

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(Lab) Order No. 1830087

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Boulevard	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input type="checkbox"/>
City/State/Zip	Long Beach, CA 90807	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	<u>Cesar.Ruvalcaba@altaenviron.com</u>	3 Day <input type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone	562/ 495-5777	5 Day <input checked="" type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/ 495-5877	Special Instructions:		
Email				

PROJECT INFORMATION	
Project Name: <u>SANOH1</u>	PO Number: _____
Project Number: <u>SMSO-18-7472</u>	Work Order No.: _____
Location: <u>SANTA MONICA, CA</u>	Sampled By: <u>Jorge Robles</u>

PLM	PCM	MOLD	LEAD (Pb)
PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	NIOSH 7400A <input type="checkbox"/>	Spore Trap <input type="checkbox"/>	Air <input type="checkbox"/> TTLC <input type="checkbox"/>
PLM 400 Pt. Count (<0.25%) <input type="checkbox"/>	NIOSH 7400B <input type="checkbox"/>	Tape Lift <input type="checkbox"/>	Paint <input type="checkbox"/> STLC <input type="checkbox"/>
PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	w/ TWA <input type="checkbox"/>	Bulk Sample <input type="checkbox"/>	Wipe <input type="checkbox"/> TCLP <input type="checkbox"/>
			Soil <input type="checkbox"/>

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume
			Sampled	Stop Time	Flow Rate	(L)
0124-01	Rough plaster ceiling	Business Bldg	1/24/18	-----		
0124-02				-----		
0124-03				-----		
0124-04	Acoustical plaster ceiling			-----		
0124-05				-----		
0124-06				-----		
0124-07				-----		
0124-08				-----		
0124-09				-----		
0124-10				-----		

Relinquished By: <u>Jorge Robles</u>	Received By: <u>[Signature]</u>
Date/Time: <u>1/24/18 19:05</u>	Date/Time: <u>1/30/18 08:00</u>

CHAIN OF CUSTODY

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Company:	Alta Environmental
Project Number:	SMSD-18-7472
Project Name:	SANOHI

(Lab) Order No.	1830087
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SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
				Stop Time		
0124-11	Drywall	Business Bldg	1/24/18			
-12	12"x12" random porthole ceiling tile w/ glue					
-13	↓					
-14	2x4/ furred ceiling panel					
-15	↓					
-16	window putty					
-17	↓					
-18	↓					
-19	Stucco					
-20	↓					
-21	↓					
-22	↓					
-23	↓					
-24	↓					
-25	moisture paper (behind stucco)					
-26	↓					
-27	↓					
-28	Button Board					
-29	↓					
-30	↓					

Relinquished By:	Received By:
Date/Time: 1/29/18 1905	Date/Time: 1/30/18 08:00

CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com



Company: Alta Environmental

Project Number: SMSD-18-7472

Project Name: SAMOH1

(Lab) Order No. 1830087

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
0124-31	TS1 (above drop down ceilings)	Business Bldg	1/24/18	-----		
-32	↓	↓	↓	-----		
-33	↓	↓	↓	-----		
-34	Roofing debris	↓	↓	-----		
-35	↓	↓	↓	-----		
-36	↓	↓	↓	-----		
-37	silver roof core	↓	↓	-----		
-38	↓	↓	↓	-----		
-39	↓	↓	↓	-----		
-40	silver penetration mast	↓	↓	-----		
-41	↓	↓	↓	-----		
-42	↓	↓	↓	-----		
0125-01	12x12" straight peghole ceiling tile w/ glue	English Bldg	1/25/18	-----		
-02	↓	↓	↓	-----		
-03	stucco	↓	↓	-----		
-04	↓	↓	↓	-----		
-05	2x4' ceiling panel fissured	↓	↓	-----		
-06	↓	↓	↓	-----		
-07	↓	↓	↓	-----		
-08	white rolled on roof core	↓	↓	-----		

Relinquished By: <u>Jorge [Signature]</u>	Received By: <u>Omme [Signature]</u>
Date/Time: <u>1/29/18 1905</u>	Date/Time: <u>1/30/18 08:00</u>

CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com



Company: Alta Environmental

Project Number: SMSO-18-7472

Project Name: SAMOH1

(Lab) Order No. 1830087

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
0125-09	White rolled on roof core	English Bldg	1/25/18			
-10	↓	↓	↓			
-11	Quet Sealant					
-12	↓					
-13	↓					
-14	white penetration mastic					
-15	↓					
-16	↓					
-A1	12x12" random pinhole ceiling tile w/ glue	Art Bldg				
-A2	↓					
-A3	2'x4' fissured ceiling panel					
-A4	↓					
-A5	Button Board					
-A6	↓					
-A7	Window Putty					
-A8	↓					
-A9	↓					
-A10	Stucco					
-A11	↓					
-A12	↓					

Relinquished By: <u>Joe C</u>	Received By: <u>Ormie P</u>
Date/Time: <u>1/29/18 19:05</u>	Date/Time: <u>1/30/18 08:00</u>

CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com



Company: Alta Environmental

Project Number: SMSD-18-7472

Project Name: SANDH1

(Lab) Order No. 1830087

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
0125 -A13	Stucco	Act Bldg	1/25/18			
-A14	↓					
-A15	↓					
-A16	Duct wrapping					
-A17	↓					
-A18	Acoustical Plaster ceiling					
-A19	↓					
-A20	↓					
-A21	↓					
-A22	↓					
-A23	↓					
-A24	↓					
-A25	Silver roof core					
-A26	↓					
-A27	↓					
-A28	Silver penetration mastic					
-A29	↓					
-A30	↓					
-A31	roofing debris					
-A32	↓					

Relinquished By: <u>Joe Coe</u>	Received By: <u>Omme Pantoja</u>
Date/Time: <u>1/29/18 1905</u>	Date/Time: <u>1/30/18 08:00</u>

Appendix C

Field Bulk Sample List: Lead

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Business building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-1	Plaster	White	2nd floor - B206 southwest	Interior walls	200	Yes	500 SF
Wall	PC-2	Drywall	White	2nd floor B206- north center	Interior walls patch work	<48	No	N/A
Ceiling	PC-3	Plaster	White	2nd floor -women's restroom ceiling center	Interior all rooms (above ceiling tile) al restrooms	150	Yes	100 SF
Wall	PC-4	Stucco	White	Exterior 1st floor southwest	Janitors closets, stage	200	No	N/A
Wall	PC-5	Plaster	Blue	1st floor hallway northwest	1st floor hallway	<50	No	N/A
Ceiling/wall	PC-6	Concrete	White	Room B109 southwest	1st floor storage rooms	<49	No	N/A
Ceiling	PC-7	Metal	Gray	B105 southwest	Room B105	75,000	Yes	10 SF
Roof vent	PC-8	Metal	Black	Roof center	Roof exhaust vents	160,000	Yes	18 SF

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

English Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-9	Plaster	White	Room E107 east center	Interior throughout damaged in restroom ceiling space	610	Yes	100 SF
Wall	PC-10	Plaster	Blue	1st floor hallway by entry to restroom	Hallways and stairways	<50	No	N/A
Wall	PC-11	Drywall	White	E103 north center	Interior throughout patch work	52	No	N/A
Ceiling	PC-12	Plaster	White	1st floor hallway center by E107	Interior throughout	430	No	N/A
Duct	PC-13	Metal	White	1st floor communications room center	1st floor communication room, mechanical room	370	No	N/A
Wall/ceiling	PC-14	Concrete	White	1st floor communications room center	1st floor communication room, mechanical room	120	No	N/A
Wall	PC-15	Drywall	Beige	Room 209 north center	Room 209, 209A	2,600	Yes	100 SF
Wall	PC-16	Plaster	Beige	Room 209 southeast	Room 209, 209A	66	Yes	100 SF
Ceiling	PC-17	Metal	Brown	Room 209 southeast	Room 209	<66	No	N/A
Wall	PC-18	Stucco	White	Exterior northwest	Exterior wall	<47	No	N/A
Roof vent	PC-19	Metal	White	Roof northeast	Roof	48	No	N/A
Beam	PC-19A	Metal	Orange	Ceiling space	Structural beams and columns	650,000	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Art Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-20	Plaster	White	A103 east center	Interior walls throughout	1,100	No	N/A
Ceiling	PC-21	Plaster	White	A103 north center	Interior ceiling throughout	910	No	N/A
Wall	PC-22	Stucco	White	Exterior north center	Exterior	540	No	N/A
Roof vent	PC-23	Metal	White	Roof center	Roof	<47	No	N/A
Wall	PC-24	Drywall	White	1st floor equipment room northwest	Interior patch work	62	No	N/A
Beam	PC-25	Metal	Orange	Attic space - center	Interior structural beam/columns	560,000	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Barnum Hall

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-40	Stucco	Beige	Exterior east center	Exterior walls, predominant color	<50	No	N/A
Wall	PC-41	Stucco	White	Exterior north center	Exterior walls and trim	82	No	N/A
Wall	PC-42	Plaster	Green	Lobby northwest	Lobby, mezzanine level 1, boys restroom, girls restroom (interior throughout)	970	No	N/A
Wall	PC-43	Concrete	White	Projection room	Projection room walls and ceilings	1,000	No	N/A
Ceiling	PC-44	Plaster	White	Auditorium northeast corner	Interior throughout	<48	No	N/A
Beam	PC-45	Metal	Red	Stage center	Stage area beams, columns, catwalk	220	No	N/A
Wall	PC-46	Brick	Green	Basement Hallway southwest	Basement	<49	No	N/A
Beam	PC-47	Metal	Orange	Attic space center	Original structural beams, columns, decking	440,000	No	N/A
HVAC	PC-48	Metal	White	Roof north center section center	Roof HVAC units and ducting	79	No	N/A

Limited sampling only wall, ceilings, attics, ceiling space and roof were inspected.

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Language/ Library Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-49	Plaster	White	L109 southwest	Interior throughout	350	No	N/A
Wall	PC-50	Plaster	Blue	1st floor hallway by room L110	1st floor hallway	<49	No	N/A
Ceiling	PC-51	Plaster	White	1st floor L109D center	1st floor closets restrooms	730	No	N/A
Wall	PC-52	Stucco	White	Exterior north center	Exterior	57	No	N/A
Wall	PC-53	Plaster	Green	L109A center	L109A	940	No	N/A
Duct	PC-54	Plaster	Green	L109A north center	L109A	1,300	Yes	20 SF
Wall	PC-55	Drywall	White	L112 south center	Dividing walls 1st/3rd floor classrooms	380	No	N/A
Wall	PC-56	Drywall	White	L102 southwest	L102, L103, L100, L101, 1st floor hallway, 2nd floor L200 - L203	<49	No	N/A
Wall	PC-57	Drywall	Blue	2nd floor hallway southwest	1st/2nd floor hallway	<49	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

History Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-58	Stucco	White	Exterior east center	Exterior walls	130	No	N/A
Wall	PC-59	Plaster	Blue	1st floor hallway by H120	1st floor hallway	<49	No	N/A
Wall	PC-60	Plaster	White	Room H121 east center	All rooms throughout	2,600	No	N/A
Wall	PC-61	Drywall	White	Room H121 east center	All room throughout patch work	67	No	N/A
Ceiling	PC-62	Plaster	White	1st floor women's restroom southwest	Restroom, closets, storage rooms	58	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

North/South Gym

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-63	Drywall	White	Basement SG14 southwest	Basement throughout	59	No	N/A
Wall/ceiling	PC-64	Concrete	White	Basement SG14 northwest	Basement throughout	57	No	N/A
Duct	PC-66	Metal	White	Basement SG16A	Interior duct work	72	No	N/A
Beam Wall	PC-67	Metal	Green	South gym 2nd floor mechanical attic space	Interior structural beams, columns, truss	27,000	No	N/A
Wall	PC-65, PC68	Plaster	White	N220 southeast	Interior throughout	<48, <47	No	N/A
Wall	PC-69	Plaster	Yellow	North gym 2nd level southwest hallway	North gym lobby, mezzanine area	460	No	N/A
Wall	PC-70	Stucco	White	North gym north center	Exterior throughout	65	No	N/A
Wall	PC-71	Concrete	White	South gym southwest		67	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Admin Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Duct	PC-72	Metal	White	Book room center	Book room	5,000	Yes	50 SF
Wall/ceiling	PC-73	Concrete	White	Book room northeast	Basement area	570	No	N/A
Wall	PC-74	Plaster	White	Book room restroom southwest	Walls/ceilings basement area, 1st floor, office, storage, restrooms	1,100	No	N/A
Wall	PC-75	Drywall	White	Electrical room southeast	Electrical room, 1st floor restrooms, offices (patch work)	<46	No	N/A
Wall	PC-76	Brick	White	Exterior north center	Exterior walls	<49	No	N/A
Wall	PC-77	Stucco	White	Exterior north center	Exterior walls	440	No	N/A
Wall	PC-78	Brick	Yellow	Hallway northeast corner by northeast exit	1st floor, lobbies, hallways, main areas	<49	No	N/A
Wall	PC-79	Plaster	Yellow	Hallway by entry to AD511	1st floor, lobbies, hallways, main areas	<53	No	N/A
Wall	PC-80	Drywall	Yellow	Hallway by entry to AD508	1st floor, lobbies, hallways, main areas	<58	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Music Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-81	Wood	White	Room 201A southwest	Practice rooms, 1st and 2nd floors, M100, M101	<48	No	N/A
Wall	PC-82	Plaster	White	Room 200A north center	Interior throughout original walls (M200, M105, M100, N101)	<48	No	N/A
Wall	PC-83	Drywall	White	Room 200 south center	Interior patch work walls/ceilings at 2nd floor	<81	No	N/A
Wall	PC-84	Stucco	White	Exterior 2nd level west center	Exterior walls	350	No	N/A
Wall	PC-85	Drywall	Blue	1st floor hallway southwest	1st/2nd floor hallways	<50	No	N/A
Beam	PC-86	Metal	Blue	M102 center	Room M120. M104, M103	<47	No	N/A
Deck	PC-87	Metal	Blue	M102 northwest	Room M102, M104, M103	<49	No	N/A
Duct	PC-88	Metal	Blue	M102 center	Room M102, M104, M103	<77	No	N/A
Wall	PC-89	Drywall	White	M102 southwest	1st floor throughout	61	No	N/A
Wall	PC-90	Brick	White	M105 south center	M105	66	No	N/A



ALTA
ENVIRONMENTAL

Paint Chip Sample List

Client: SAMOND

Technician: f. R. White

Project No.: _____

Date: 1-24-18

Project Name: SAMOND Business Bldg

Page: 1 of 1

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Wall	PC-1	Plaster	White	2 nd floor - B206 S/W	Enter walls	Yes	500 sq ft
		Wall	PC-2	Drywall	White	2 nd floor - B206 - P/W	Enter walls Patchwork	N	—
		Ceiling	-3	Plaster	White	2 nd floor - WRR Ceiling center	Enter - all Rm above Ceiling tile; all RMs	Yes	100 sq ft
		Wall	-4	Stucco	White	Exter - 1 st floor - S/W	Enter closets, Storage Rm	N	
		Wall	-5	Plaster	Blue	1 st floor - Hallway N/W	1 st floor hallway	N	N
		Ceiling Wall	-6	Concrete Block	White	Rm B109 - S/W	1 st floor - storage Rm	N	N
		Ceiling	-7	Metal	Gray	Rm B105 - S/W	Rm B105	Yes	10 sq ft
		Roof Vent	-8	Metal	White	Roof - G	Roof - eave vents	Yes	18 sq ft



ALTA
ENVIRONMENTAL

Paint Chip Sample List

Client: Shenandoah
 Project No.: _____
 Project Name: SANDH I - English Bldg

Technician: F. Fuvaleck
 Date: 1-25-18
 Page: 1 of 1

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Wall	9C-9	Plaster	White	R- E107 - E/E	Interior throughout Damaged in RR (ceiling space)	Y	100 SWT
		Wall	10	Plaster	Blue	1st floor hallway - b, Entry to RR	Hallways and stairways	N	-
		Wall	11	Drywall	White	E103 - N/E	Interior throughout Patchwork	N	-
		Ceiling	12	Plaster	White	1st floor hallway - ch by E107	Interior throughout	N	-
		Roof	13	Metal	White	1st floor - communication room - ch	1st floor - communication Rm, Mech Rm	N	-
		Wall/ ceiling	14	Concrete	White	↓	↓	N	-
		Wall	15	Drywall	Beige	209 - N/E	R- 209, 209A	Yes	100 SWT
		↓	16	Plaster	↓	↓ - S/E	↓	↓	100 SWT
		Ceiling	17	Metal	Brown	↓ - S/E	R- 209	N	-
		Wall	18	Stucco	White	Entr - N/W	Exterior wall	N	-
		Roof Vent	19	Metal	White	Roof - N/E	Roof	N	-

Beam 19A Metal Orange / RR ceiling space - structural beams and columns | N | N



ALTA
ENVIRONMENTAL

Paint Chip Sample List

Client: SUMNER
Project No.: _____
Project Name: SANCTI - Barium Hall

Technician: F. Pivalici
Date: 1-29-18
Page: _____ of _____

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Wall	PC-40	Stucco	Beige	Exter - E/W	Exter - walls Plaint	N	—
		L	41	L	white	L - N/W	L - walls and TV	N	—
		Wall	42	Plaster	Green	Lobby - N/W	Lobby, Mezzanine Level, BFR, GR (Under throughout)	N	—
		Wall	43	Concrete	White	Projector Rm.	Projector Rm walls and Ceilings	N	—
		Lobby	44	Plaster	White	Auditorium - N/E Corner	Entire throughout	N	—
		Beam	45	Metal	Red	Stage - CTR	Stage Area - Beams, Columns, Catwalk	N	—
		Wall	46	Brick	Green	Basement - Hallway E/W	Basement	N	—
		Beam	47	Metal	Orange	Attic Space - CTR	Original structural Beams, Columns, Decking	N	—
		Note: Limited Sampling					only - walls, ceilings, Attics, Ceiling space		
		and Roofs were inspected.							
		HVAC	48	Metal	White	Roof - N/E section CTR	Roof - HVAC units and ducting		—



ALTA
ENVIRONMENTAL

Paint Chip Sample List

Client: Salem

Technician: Fabron Raulo

Project No.: _____

Date: 1-29-18

Project Name: Salem HP - Language Library Bldg

Page: 1 of 1

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		wall	pc-489	Plaster	White	L109A - S/W	Interior - throughout	N	-
		wall	50	Plaster	Blue	1 st floor hallway - by R-2110	1 st floor hallway	N	-
		Ceiling	51	Plaster	White	1 st floor - R L1090	1 st floor - closets, R/Rs	N	-
		wall	52	stucco	White	Exterior - N/ct	Exterior	N	-
		wall	53	Plaster	Green	L109A - ct	L109A	N	-
		Duct	54	metal	↓	↓ - N/ct	L109A	Yes	20 sq ft
		wall	55	Drywall	White	L112 - S/W	D.V. by walls 1 st / 2 nd floor classrooms	N	-
		wall	56	Drywall	White	L102 - S/W	L102, L103, L100, L101, 1 st floor hallway	N	-
							2 nd floor 1300 → L203		
		wall	57	Drywall	Blue	2 nd floor hallway S/W	1 st / 2 nd floor hallway	N	-



ALTA
ENVIRONMENTAL

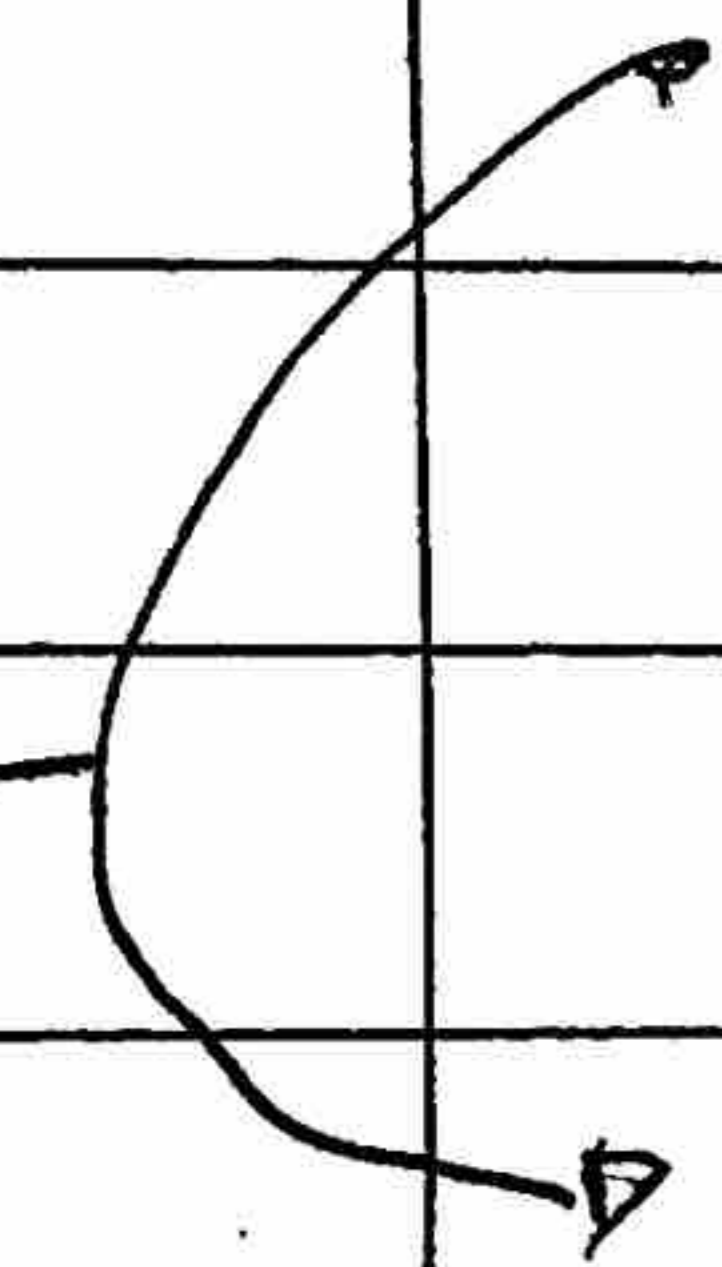
Paint Chip Sample List

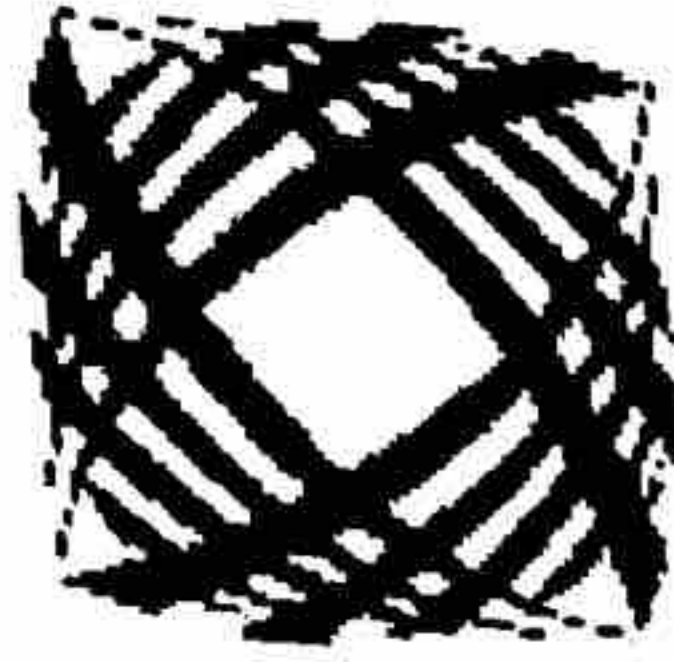
Client: SAMUHO
 Project No.: _____
 Project Name: SAMUHO #2 - North/South Gym Bldg

Technician: F. Ruckelshaus
 Date: 1-30-18
 Page: 1 of 1

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		wall	PC-63	Drywall	white	Basement - SG 14 S/W	Basement - throughout	N	—
		wall / ceiling	-64	concrete	white	Basement - SG 14 N/W	Basement throughout	N	—
		wall / floor	-65	plaster	white	Basement - SG 14A E/W	Interim - throughout	N	—
		Duct	-66	metal	white	Basement - SG 16A	Interim - duct work	N	—
		Beam	-67	metal	green	South Gym - 2 nd floor Mech Attic Space	Interim - structural Beams, Column, Truss	N	—
		wall	-68	plaster	white	N 220 - S/E	Interim - throughout	N	—
		↓	-69	↓	yellow	North Gym - 2 nd Level S/W Hallway	North Gy - Lobby, Mezzanine area	N	—
		↓	-70	stucco	white	North Gym - N/W	Exterior - throughout	N	—
		↓	71	concrete	↓	South Gym - S/W	↓	N	—

Same





ALTA
ENVIRONMENTAL

Paint Chip Sample List

Client: S Almuso
 Project No.: _____
 Project Name: S Almuso & - Adams Bldg

Technician: F Reul
 Date: 1-31-18
 Page: 1 of 1

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Duct	PC-72	metal	white	Book rm - Ctr	Book rm	Yes	50 50ft
		wall/ ceiling	73	concrete	white	Book rm - N/E	Basement Area	N	-
		wall	74	Plaster	white	Book rm - RR - S/W	walls/ceilings - Basement Area, 1 st flr: office, stairs, RR's	N	-
		wall	75	Drywall	white	Electrical Rm - S/A	Electrical Rm, 1 st floor RR's, office (Patch wall)	N	-
		wall	76	Brick concrete (FD)	white	Exter - N/W	Exter - walls	N	-
		↓	77	stucco	↓	↓ - N/W	↓	N	-
		wall	78	Brick	Yellow	Hallway - N/E corner by - N/E Ex. &	1 st floor; Lobbies, Hallways Main Areas	N	-
			79	Plaster	Yellow	Hallway by Entry to AD 511	↓	N	-
			80	Drywall	Yellow	Hallway - by Entry to AD 508	↓	N	-



Paint Chip Sample List

Client: Smulard
 Project No.: _____
 Project Name: SAMD - Music Bldg

Technician: F. Ravelle
 Date: 10-1-18
 Page: 1 of 1

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Wall	PC-81	wood	white	Rm-201A S/W	Practice Rms 1 st / ² nd floor, M100, M101	N	—
		Wall	-82	Plaster	white	R-20-A-N/E	Enter through original walls (200, M105, 100, M01)	N	—
		Wall	-83	Drywall	↓	R-200-S/E	Enter patch wall walls/ceilings at 2 nd floor	N	—
		Wall	-84	Stucco	White	Exter-2 nd Level W/E	Exter walls	N	—
		Wall	85	Drywall	Blue	1 st floor hallway S/W	1 st / ² nd floor hallways	N	—
		Beam	86	Metal	Blue	M102-C	R-M102, M104, M103	N	—
		Deck	87	↓	↓	M102-N/W	R-M102, M104, M103	N	—
		Duct	88	↓	↓	M102-C/W	R-M102, M104, M103	N	—
		Wall	89	Drywall	white	M102-S/W	1 st floor throughout	N	—
		Wall	90	brick	white	M105-S/E	M105-	N	—

Appendix D

Laboratory Analytical: Lead



1508 East 33rd Street
 Signal Hill, CA 90755
 Tel (562) 206-2770
 Fax (562) 206-2773

Alta Environmental
3777 Long Beach Boulevard
Long Beach, CA 90807
 Attention: Cesar Ruvalcaba

Project Number: SMSD-17-7472
Project Name: SAMOHI
Location:

PO Number: SMSD-17-7472

Report Number: 1830118

Date Received: 2/1/2018
 Date Analyzed: 2/7/2018
 Date Reported: 2/8/2018

Date Sampled: 1/24/2018, 1/25/2018
 1/29/2018, 1/30/2018
 1/31/2018

Sampled By: F.R.
 Total Samples: 77

Analytical Method: EPA 7420/3050
Reporting Limit: 5.0 µg

Lead (Pb) in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1830118-001 PC-1	Wall Plaster White - Business Bldg	0.1001	220
1830118-002 PC-2	Wall Drywall White - Business Bldg	0.1047	< 48
1830118-003 PC-3	Ceiling Plaster White - Business Bldg	0.1000	150
1830118-004 PC-4	Wall Stucco White - Business Bldg	0.1062	200
1830118-005 PC-5	Wall Plaster Blue - Business Bldg	0.1003	< 50
1830118-006 PC-6	Ceiling/Wall Concrete White - Business Bldg	0.1028	< 49
1830118-007 PC-7	Ceiling Metal Gray - Business Bldg	0.1005	75,000
1830118-008 PC-8	Roof Vent Metal White - Business Bldg	0.1030	160,000
1830118-009 PC-9	Wall Plaster White - Business Bldg	0.1046	610
1830118-010 PC-10	Wall Plaster Blue - English Bldg	0.1000	< 50
1830118-011 PC-11	Wall Drywall White - English Bldg	0.1014	52
1830118-012 PC-12	Ceiling Plaster White - English Bldg	0.1060	430



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 Attention: Cesar Ruvalcaba

Project Number: SMSD-17-7472
Project Name: SAMOHI
Location:

PO Number: SMSD-17-7472

Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1830118-013 PC-13	Duct Metal White - English Bldg	0.1052	370
1830118-014 PC-14	Wall/Ceiling Concrete White - English Bldg	0.1053	120
1830118-015 PC-15	Wall Drywall Beige - English Bldg	0.1041	2600
1830118-016 PC-16	Wall Plaster Beige - English Bldg	0.0873	66
1830118-017 PC-17	Ceiling Metal Brown - English Bldg	0.0763	< 66
1830118-018 PC-18	Wall Stucco White - English Bldg	0.1064	< 47
1830118-019 PC-19	Roof Vent Metal White - English Bldg	0.1031	48
1830118-020 PC-19A	Beam Metal Orange - English Bldg	0.1074	650,000
1830118-021 PC-20	Wall Plaster White - Arts Bldg	0.1028	1100
1830118-022 PC-21	Ceiling Plaster White - Arts Bldg	0.1065	910
1830118-023 PC-22	Wall Stucco White - Arts Bldg	0.1030	540
1830118-024 PC-23	Roof Vent Metal White - Arts Bldg	0.1057	< 47
1830118-025 PC-24	Wall Drywall White - Arts Bldg	0.0846	62
1830118-026 PC-25	Beam Metal Orange - Arts Bldg	0.1012	560,000
1830118-027 PC-40	Wall Stucco Beige - Barnum Hall	0.1001	< 50
1830118-028 PC-41	Wall Stucco White - Barnum Hall	0.1066	82
1830118-029 PC-42	Wall Plaster Green - Barnum Hall	0.1009	970
1830118-030 PC-43	Wall Concrete White - Barnum Hall	0.1008	1000



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Attention: Cesar Ruvalcaba

Project Number: SMSD-17-7472

Project Name: SAMOHI

Location:

PO Number: SMSD-17-7472

Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1830118-031 PC-44	Ceiling Plaster White - Barnum Hall	0.1046	< 48
1830118-032 PC-45	Beam Metal Red - Barnum Hall	0.0700	220
1830118-033 PC-46	Wall Brick Green - Barnum Hall	0.1016	< 49
1830118-034 PC-47	Beam Metal Orange - Barnum Hall	0.1026	440,000
1830118-035 PC-48	HVAC Unit Metal White - Barnum Hall	0.0729	79
1830118-036 PC-49	Wall Plaster White - Language Bldg	0.1005	350
1830118-037 PC-50	Wall Plaster Blue - Language Bldg	0.1024	< 49
1830118-038 PC-51	Ceiling Plaster White - Language Bldg	0.1000	730
1830118-039 PC-52	Wall Stucco White - Language Bldg	0.1089	57
1830118-040 PC-53	Wall Plaster Green - Language Bldg	0.1008	940
1830118-041 PC-54	Duct Metal Green - Language Bldg	0.1023	1300
1830118-042 PC-55	Wall Drywall White - Language Bldg	0.1014	380
1830118-043 PC-56	Wall Drywall White - Language Bldg	0.1030	< 49
1830118-044 PC-57	Wall Drywall Blue - Language Bldg	0.1029	< 49
1830118-045 PC-58	Wall Stucco White - History Bldg	0.1032	130
1830118-046 PC-59	Wall Plaster Blue - History Bldg	0.1026	< 49
1830118-047 PC-60	Wall Plaster White - History Bldg	0.1007	2600
1830118-048 PC-61	Wall Drywall White - History Bldg	0.1007	67



Report Number: 1830118

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Project Number: SMSD-17-7472
Project Name: SAMOHI
Location:

PO Number: SMSD-17-7472

Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1830118-049 PC-62	Ceiling Plaster White - History Bldg	0.1034	58
1830118-050 PC-63	Wall Drywall White - North/South Gym	0.1018	59
1830118-051 PC-64	Wall/Ceiling Concrete White - North/South Gym	0.1056	57
1830118-052 PC-65	Wall Plaster White - North/South Gym	0.1044	< 48
1830118-053 PC-66	Duct Metal White - North/South Gym	0.0833	72
1830118-054 PC-67	Beam Metal Green - North/South Gym	0.1023	27,000
1830118-055 PC-68	Wall Plaster White - North/South Gym	0.1065	< 47
1830118-056 PC-69	Wall Plaster Yellow - North/South Gym	0.1017	460
1830118-057 PC-70	Wall Stucco White - North/South Gym	0.1003	65
1830118-058 PC-71	Wall Concrete White - North/South Gym	0.1002	67
1830118-059 PC-72	Duct Metal White - Admin Bldg	0.1015	5000
1830118-060 PC-73	Wall/Ceiling Concrete White - Admin Bldg	0.1071	570
1830118-061 PC-74	Wall Plaster White - Admin Bldg	0.1011	1100
1830118-062 PC-75	Wall Drywall White - Admin Bldg	0.1083	< 46
1830118-063 PC-76	Wall Brick White - Admin Bldg	0.1022	< 49
1830118-064 PC-77	Wall Stucco White - Admin Bldg	0.1058	440
1830118-065 PC-78	Wall Brick Yellow - Admin Bldg	0.1019	< 49
1830118-066 PC-79	Wall Plaster Yellow - Admin Bldg	0.0947	< 53



Report Number: 1830118

Alta Environmental
3777 Long Beach Boulevard
Long Beach, CA 90807
 Attention: Cesar Ruvalcaba

Project Number: SMSD-17-7472
 Project Name: SAMOHI
 Location:

PO Number: SMSD-17-7472

Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1830118-067 PC-80	Wall Drywall Yellow - Admin Bldg	0.0862	< 58
1830118-068 PC-81	Wall Wood White - Music Bldg	0.1036	< 48
1830118-069 PC-82	Wall Plaster White - Music Bldg	0.1037	< 48
1830118-070 PC-83	Wall Drywall White - Music Bldg	0.0616	< 81
1830118-071 PC-84	Wall Stucco White - Music Bldg	0.1044	350
1830118-072 PC-85	Wall Drywall Blue - Music Bldg	0.1005	< 50
1830118-073 PC-86	Beam Metal Blue - Music Bldg	0.1054	< 47
1830118-074 PC-87	Deck Metal Blue - Music Bldg	0.1028	< 49
1830118-075 PC-88	Duct Metal Blue - Music Bldg	0.0650	< 77
1830118-076 PC-89	Wall Drywall White - Music Bldg	0.1025	61
1830118-077 PC-90	Wall Brick White - Music Bldg	0.1020	66

Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. This report shall not be reproduced without the written approval of this laboratory. The client shall be solely responsible for interpreting analytical results. Samples have not been blank corrected. Samples shall be disposed according to local, state and federal laws, 30 days after reporting results.

CA ELAP Cert #2823


 Approved Signatory- Cristina E. Tabal



CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com

(Lab) Order No. 1830118

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Ewoodl.	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3772 Long Beach Road	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach Ca	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	C. Pasolunh	3 Day <input type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone		5 Day <input checked="" type="checkbox"/>	Drop Box <input checked="" type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax		Special Instructions:		
Email		Business Bldg, English Bldg, Arts Bldg, Baum Hall, History Bldg, Langue Arts, Adams Bldg, Music Bldg		

PROJECT INFORMATION			
Project Name:	SAMO HI	PO Number:	SMSD-17-7472
Project Number:	SMSD-17-7472	Work Order No.:	
Location:		Sampled By:	FR

PLM	PCM	MOLD	LEAD (Pb)
PLM EPA 600/M4-82-020 <input type="checkbox"/>	NIOSH 7400A <input type="checkbox"/>	Spore Trap <input type="checkbox"/>	Air <input type="checkbox"/> TTLC <input type="checkbox"/>
PLM 400 Pt. Count (<0.25%) <input type="checkbox"/>	NIOSH 7400B <input type="checkbox"/>	Tape Lift <input type="checkbox"/>	Paint <input checked="" type="checkbox"/>
PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	w/ TWA <input type="checkbox"/>	Bulk Sample <input type="checkbox"/>	Wipe <input type="checkbox"/>
		Swab <input type="checkbox"/>	Soil <input type="checkbox"/>

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume (L)
			Sampled	Stop Time	Flow Rate	
PC-1	wall plaster white	Business Bldg	1-24-17			
2	wall Drywall white					
3	Ceiling Plaster white					
4	wall Stucco white					
5	wall Plaster Blue					
6	Ceiling/wall concrete white					
7	Ceiling Metal Gray					
8	Roof Vent Metal white					

Relinquished By: <i>FR</i>	Received By: <i>C. Tebatt</i>
Date/Time: 1-31-18 2340	Date/Time: 02/01/18, 8:00 am
Relinquished By:	Received By:
Date/Time:	Date/Time:

CHAIN OF CUSTODY

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Signal Hill, CA 90755
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Company: Alta Environmental

Project Number: 0 SWSO-17-7472

Project Name: 0 SA MOTT

(Lab) Order No. 1830118

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)		
PC-9	wall Plaster White	English Bldg	1-25-17						
10	wall Plaster Blue								
11	wall Drywall White								
12	Ceiling Plaster White								
13	Duct Metal White								
14	wall Ceiling Concrete White								
15	Wall Drywall Beige								
16	↓ Plaster ↓								
17	Lid Metal Brown								
18	wall Stucco White								
19	Roof Vent Metal White								
19A	Beam Metal Orange								
PC-20	wall Plaster White			Arts Bldg	1-25-18				
21	Ceiling Plaster White								
22	Wall Stucco White								
23	Roof Vent Metal White								
24	wall Drywall White								
25	Beam Metal Orange								

Relinquished By: Fabian Ruvalcaba	Received By: C. Tabatt
Date/Time: 1-31-18 2340	Date/Time: 02/01/18, 8:00 am

Lab Forms
Ver. 082411



CHAIN OF CUSTODY

1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com

Company: Alta
Project Number: SMSD-17-7472
Project Name: SAMMET

(Lab) Order No. 1830118

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
PC-26	thru 39 #s were Not used		1-29-18			
PC-40	wall stucco beige	Barnum Hall	1-29-18			
41	wall stucco white	↓	↓			
42	wall plaster green					
43	wall concrete white					
44	ceiling plaster white					
45	Beam metal Red					
46	wall brick green					
47	Beam metal orange					
48	HVAC unit metal white					
49						
50	wall plaster white	Languiere Bldg	1-29-18			
PC-50	wall plaster blue	↓	↓			
51	ceiling plaster white					
52	wall stucco white					
53	wall plaster green					
54	Duct metal green					
55	wall drywall white					
56	wall drywall white					
57	wall drywall blue					

Relinquished By: <u>[Signature]</u>	Received By: <u>Ch. Tabatt</u>
Date/Time: <u>1-31-18 2340</u>	Date/Time: <u>02/01/18 8:00 am</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:



CHAIN OF CUSTODY

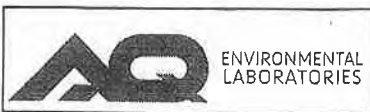
1508 E. 33rd Street
Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com

Company: Alt
 Project Number: SWCD-17-2472
 Project Name: JAWOHI

(Lab) Order No. 1830118

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
PC-58	wall Stucco White	Hosbury Bldg	1-30-17			
59	wall Plaster Blue					
60	wall Plaster white					
61	wall Drywall white					
62	Ceiling plaster white					
PC-63	wall Drywall white	North/South Gym	1-30-17			
64	wall/Ceiling Concrete White					
65	wall Plaster white					
66	Duct Metal White					
67	Beam Metal Green					
68	wall Plaster White					
69	Plaster Yellow					
70	Stucco white					
71	concrete white					
72						
73						
74						
75						

Relinquished By: <u>[Signature]</u>	Received By: <u>ChT Batt</u>
Date/Time: <u>1-31-18 2240</u>	Date/Time: <u>02/01/18, 8:00 am</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:



CHAIN OF CUSTODY

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Signal Hill, CA 90755
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com

Company: Atk
Project Number: SMSD-17-7472
Project Name: Silver Hill

(Lab) Order No. 1830118

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
PC-72	Duct Metal White	Adm Bldg	1-31-18			
73	Wall Ceiling Concrete White					
74	Wall Plaster White					
75	Wall Drywall White					
76	Wall Brick White					
77	Wall Stucco White					
78	Wall Brick Yellow					
79	Wall Plaster Yellow					
80	Wall Drywall Yellow					
PC-81	Wall Wood White			Music Bldg	1-31-18	
82	Wall Plaster White					
83	Wall Drywall White					
84	Wall Stucco White					
85	Wall Drywall Blue					
86	Beam Metal Blue					
87	Deck Metal Blue					
88	Duct Metal Blue					
89	Wall Drywall White					
90	Wall Brick White					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>1-31-18 2340</u>	Date/Time: <u>02/01/18, 8:00 am</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:

Appendix E

Alta Environmental Employee Certifications

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Cesar Ruvalcaba



Name

Certification No. **95-1799**

Expires on **10/27/18**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7100 et seq. of the Business and Professions Code.

State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

Inspector/Assessor 01/16/2019

Project Monitor 01/16/2019



Cesar A. Ruvalcaba

ID #: 6855

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Fabian Ruvalcaba

Name

Certification No. **15-5533**

Expires on **11/17/18**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7140 et seq. of the Business and Professions Code.



State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

Inspector/Assessor

12/06/2018



Fabian Ruvalcaba

ID # 22130

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Jorge Robles

Name

Certification No. 17-6028

Expires on 11/14/18



This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

★ Sampling Technician 10/28/2018



Jorge Robles

ID# 30025

Appendix F

Previous Survey:

**Cape Environmental 1993,
CTL Environmental 2006,**

**COMPREHENSIVE ASBESTOS
SURVEY RECORD**

**Santa Monica High School
601 Pico Boulevard
Santa Monica, California 90405**

Prepared for:

**Santa Monica-Malibu Unified School District
1651 16th Street
Santa Monica, California 90405**

Prepared by:

CTL Environmental Services
24404 South Vermont Avenue, Suite 307
Harbor City, California 90710
(310) 530-5006

June 17, 2008
CTL Project No. 107-0008

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- Summary of Bulk Sample Analysis
- Sample Identification
- Sample Description
- Estimated Quantities

B. Laboratory Analysis Report

C. Sample Locations

D. CTL Employee Certifications

E. CAPE ENVIRONMENTAL'S 1993 PREVIOUS SURVEY REPORT

EXECUTIVE SUMMARY



REPORTED: June 17, 2008

CTL PROJECT NO.: 107-0008

CLIENT: Santa Monica-Malibu Unified School District
1651 16th Street
Santa Monica, California 90404

ATTENTION: Mr. Wally Berriman

REF: **Comprehensive Asbestos Survey Record
Santa Monica High School
601 Pico Boulevard
Santa Monica, California 90405**

INVESTIGATION

On April 2, 2007 through April 5, 2007, January 4, 2008, January 31, 2008 and February 1, 2008, CTL Environmental Services (CTL) conducted a comprehensive investigation for the presence of asbestos-containing materials (ACMs) at Santa Monica High School located at 601 Pico Boulevard, California. The survey included the following:

- (a) Review of Cape Environmental's 1993 Previous Survey Report
- (a) An initial investigation to locate suspect ACMs
- (b) Physical assessment of suspect materials
- (c) The collection of bulk samples from suspect materials
- (d) Laboratory analysis of all collected samples

Santa Monica-Malibu Unified School District located in Santa Monica, California, retained CTL for this investigation. Victor Sanchez, a Certified Site Surveillance Technician and EPA-accredited Building Inspector and Fabian Ruvalcaba, a Certified Site Surveillance Technician and EPA-accredited Building Inspector, both employed by CTL, conducted the samplings.

METHODOLOGY

The sampling was conducted using guidelines set forth in Federal Register *40 CFR Part 763*.

Based on the requirements of the United States Environmental Protection Agency (USEPA) as set forth in *40 CFR 763*, a homogeneous area is defined as "an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture". Furthermore, the regulation requires that a minimum number of samples be collected from each identified homogeneous area. If one sample in a homogeneous area is found to contain asbestos, the entire homogeneous area is considered to be asbestos-containing.

It is possible that one sample out of a set of samples collected from a homogeneous area can be positive for asbestos and the remaining samples in the homogeneous area are negative. However, the entire area must be considered as asbestos-containing.

Caution is advised in interpreting results provided herein.

Bulk samples collected from the subject site were subsequently analyzed by Polarized Light Microscopy (PLM) for asbestos content in accordance with the United States Environmental Protection Agency (EPA) *Determination of Asbestos in Bulk Building Materials: EPA/600/R-93/116, July 1993*, at AmeriSci Los Angeles, a NVLAP-accredited laboratory located in Carson, California.

RESULTS

The following materials were found to be asbestos-containing.

Santa Monica High School- Art Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
4" diameter pipe TSI	5271	Second floor attic space throughout	10% Chrysotile 10% Amosite
4" diameter pipe elbows TSI	5272	Second floor attic space throughout	5% Chrysotile
Window putty	5274	Exterior windows	<1% Chrysotile
Asbestos containing cement panels	NA	Room 013A, lining furnace hood	Assumed
Roofing	NA	Roof	Assumed
Moisture barrier paper	NA	Exterior walls under stucco	Assumed
Chalkboard mastic	NA	Room 105, 103, 102, 101, 014	Assumed
Cork board mastic	NA	Room 105, 103, 102, 101, 014	Assumed

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Joint compound	5197-5200	Staff women's restroom and men's restroom, room 200A, 200, 103C, 103D, 103A, 103B, 103E, 103F, hallway 3, lobby 1, rooms 515-501	None detected- 3% Chrysotile
9" tan floor tile with mastic	5213	Room 300B	None detected (tile) 3% Chrysotile (mastic)
9" brown floor tile with mastic	5214	Room 300B, electrical room, room 101, 405, 401 closet	4% Chrysotile (tile) 4% Chrysotile (mastic)
Tan floor tile with mastic, under brown carpet	5215	Room 102	4% Chrysotile (tile) 2% Chrysotile (mastic) None detected (mastic)

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
White floor tile, under grey carpet	5216	Room 202, 201, attendance office, room 515-501, lobby 2, 402, 401	None detected (leveling compound) 2% Chrysotile (black mastic) None detected (yellow mastic)
Brown floor tile, under floor tile	5217	Under floor tile in rooms 200A, 200, 103C, 103D, 103A, 103B, 103, E, F, Vikings Inn, Hallway 1, 2, 3	5% Chrysotile (tile)4% Chrysotile (black mastic)None detected (yellow mastic)
Grey carpet glue with black residual mastic	5222	Lobby 1	3% Chrysotile
Exterior patching compound	5225	Exterior around door casing and window casing at Vikings Inn, west doors and windows	7% Chrysotile
Window putty	5226	All exterior windows	2% Chrysotile
Moisture barrier paper	NA	Exterior wall under stucco	Assumed
Roofing	NA	Roof	Assumed

Note: Fiberglass pipe insulation observed above ceiling space

Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Window putty	5247	All exterior windows	<1% Chrysotile
Moisture barrier paper under stucco	NA	Exterior walls, under stucco	Assumed
Button board	NA	Kitchen	Assumed
Roofing	NA	Roof	Assumed
Chalk board mastic	NA	Basement room 10, first floor rooms 100, 106, 110, 120, 111, 115	Assumed

Note: Samples 5231 - 5234 water damage causing plaster to become brittle in various locations
 Fiberglass pipe insulation observed in ceiling spaces on first and second floors

Santa Monica High School- Cafeteria Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Joint compound, drywall, composite	5163-5171	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	None detected- 3% Chrysotile (joint compound) None Detected (drywall) None Detected (composite)
Window putty	5183	All exterior windows	<1% Chrysotile
Freezer insulation	NA	Freezer	Assumed

Santa Monica High School- Cafeteria Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Roofing	NA	Roof	Assumed

Note: Fiberglass insulation observed in ceiling space throughout

Santa Monica High School- History Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Window putty	H06- H08	Exterior windows and classroom interior, classroom putty is in the interior	None detected- <1% Chrysotile
Soft rough plaster	H16- H22	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	3% Chrysotile- Not analyzed/positive stop
Roofing materials and mastics	Assumed	Roof	Assumed

Santa Monica High School- Technology Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Roof mastic	N/A	Roof penetrations	Assumed
Chalk board	N/A	Rooms T100-- T113, rooms T200-T219	Assumed
Rolled on roof core	N/A	Roof	Assumed
Roof perimeter base flashing	TB2301-TB2303	Roof	5%-10% Chrysotile
Roof penetration base flashing	TB2401-TB2403	Exterior walls and walkway ceiling	None Detected- 3% Chrysotile
Exterior wall stucco	TB2502-TB2505	Exterior walls and walkway stairwell ceilings	2%-3% Chrysotile
Roofing materials and mastics	Assumed	Roof	Assumed

SMMUSD- English Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Soffit plaster ceiling	E201 to E203	E217, E215, E213, E208, E210, second floor corridor, E201, E200, E302, E304, E100, E101, E103, E107, E109A, B, C, D, E113, E117, first floor corridor	5% Chrysotile
Roof core	NA	Roof	Assumed
Roof mastic	NA	Roof penetration	Assumed
Chalk board	NA	Rooms E100, E101, E103, E107, E113, E115, E117, E200, E201, E213, E215, E217	Assumed

Santa Monica High School Science Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Stucco	TB2502 TB2505	Exterior walls in west side and stairwells	2%-3% Chrysotile
Rolled on roof core	NA	Roof	Assumed
Roof mastic	NA	Roof penetrations	Assumed
Chalk boards	NA	Rooms, S200, S201, S202, S203, S204, S205, S207	Assumed
Window putty	SCI301-SCI303	Exterior windows	2%-3% Chrysotile
12" blue floor tile and mastic	SCI-4-1 to SCI-4-3	S103, S107	None detected (tile) None Detected trace (mastic)
12" gray floor tile and mastic	SCI-5-1 to SCI-5-3	S103, S101C, (restrooms), S101P, S101	None detected (tile) None Detected - Trace (mastic)

Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Base flashing roof panel	LL1301-LL1303	Roof	None Detected- 5% Chrysotile
Exterior stucco wall	LL1401-LL1405	Exterior walls	2%-3% Chrysotile
Exterior ceiling stucco	LL1501-LL1505	Overhangs	2%-3% Chrysotile
Ceiling access panels	LL1601	Room L104 through L116, Room L204 through L210	3% Chrysotile
9" beige/tan floor tile	LL0801-LL0805	L102C, L108B	3%-20% Chrysotile
12" blue speckled floor tile	L02	L208, L206, L204, L205, L104, L105, L106, L107, L108, L109, L108A, L114, L115, L116	None detected (tile and yellow mastic) 5% Chrysotile (black mastic)
12" white floor tile	L06	Second floor corridor, first floor corridor	None detected (tile) 4% Chrysotile (mastic)
12" dark gray speckled floor tile	L07	Second floor corridor, first floor corridor	None detected (tile) 4% Chrysotile (mastic)
Chalkboards	N/A	Rooms L104, L105, L106, L107, L108, L109, L110, L111, L112, L113, L114, L115, L116, L117, L118	Assumed
Rolled on roof core	N/A	Roof	Assumed
Roof mastic	N/A	Roof penetration	Assumed
12" light gray floor tile (2 layers)	L17	L117, L118	None detected (tile and yellow mastic) 4% Chrysotile (black mastic)

Santa Monica High School- Driver Training Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Exterior stucco	DT0201-DT0203	Exterior wall and soffits	None Detected- 2% Chrysotile
Gypsum board	Assumed	Custodian room and storage room, behind plaster walls and ceiling	Assumed

Santa Monica High School- Pool Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Roofing materials and mastics	Assumed	Roof	Assumed

Santa Monica High School- Barnum Hall

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Ceiling tile and mastic	N/A	Basement hallway 2, first floor elevator lobby	Assumed
Gray multicolored carpet and glue	N/A	Basement room 19 and 20	Assumed
6" black cove base with adhesive	N/A	Basement room 19 and 20	Assumed
Electrical wire insulation	SM0301-SM0304	On stage and portable lights	60% Chrysotile
Light fixture gaskets	SM0401-SM0403	Attic space above hall	60% Chrysotile
Window putty	SM1101-SM1103	Exterior windows	None detected- 3% Chrysotile
Roofing materials and mastics	Assumed	Roof	Assumed
Mural fire curtain	Assumed	Stage	Assumed

The results for all other materials sampled were reported as "None Detected" based upon the limitations of the analytical method. Please refer to the attached Material Inventory for a complete listing of materials sampled, locations and material conditions.

If any materials are found to contain greater than one-tenth of one percent of asbestos by weight as determined by Polarized Light Microscopy (PLM) method of analysis, Cal-OSHA mandates that the material(s) be treated as an asbestos-containing construction material (ACCM) and are subject to regulation under *CCR Title 8, Section 1529*.

If any materials are found to contain more than one percent asbestos by weight as determined by Polarized Light Microscopy (PLM) method of analysis, U.S. EPA mandates that the material(s) be treated as asbestos-containing materials (ACM) and are subject to regulation under *40 CFR 61*.

All repair and/or removal work and subsequent disposal should be performed by a licensed asbestos abatement contractor prior to any disturbance of any materials determined to contain asbestos.

For the ACMs identified in this report, dry sawing, sanding, or drilling should be avoided. Additional suspect materials may be exposed during demolition and/or renovation activities; such materials should be sampled and analyzed prior to further disturbance.

CONCLUSIONS AND RECOMMENDATIONS

Any damaged asbestos materials should be removed, repaired, encapsulated, or enclosed. The EPA also recommends that all asbestos materials be removed prior to any renovation or demolition activities that may impact the material. The EPA recommends a pro-active, in-place management program be put in place whenever asbestos is discovered in a building. Asbestos materials that are not damaged may be managed in place with a good operations and maintenance program.

ASSUMPTIONS AND LIMITATIONS

This report has been prepared for the exclusive use of the Santa Monica- Malibu Unified School District. In performing our professional services, we have applied present engineering and scientific judgment and used a level of effort consistent with the standard of practice measured on the date of work in the locale of the project site for similar type studies.

CTL has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions to the extent that they have not been contradicted by data obtained from other sources. Accordingly, CTL accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed. In addition, CTL will not accept liability for any loss, injury, claim, or damage arising directly or indirectly from any use or reliance on this report. CTL makes no warranty, expressed or implied.

Material quantities are in some cases listed within this document. These quantities are not intended to be used for removal bidding purposes. Nor is this document intended as a contract manual. Work methods and sequence, coordination of participants, applicable codes, engineering controls, required submittals, and notifications should in all cases be addressed in a separate and independent bidding and contract document.

If you have any questions, please feel free to contact the undersigned at (310) 530-5006. We appreciate the opportunity to be of service to the Santa Monica- Malibu Unified School District.

Respectfully submitted by,
CTL Environmental Services



FS Victor Sanchez, CSST
Cal-OSHA Cert. #08-4347

Reviewed by,
CTL Environmental Services



Marie Tullai, CIH
Director, Workplace Health & Safety
Certified Asbestos Consultant
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MT/ebj

APPENDIX A

MATERIAL INVENTORY:

**SUMMARY OF BULK SAMPLE ANALYSIS
SAMPLE IDENTIFICATION
SAMPLE DESCRIPTION
ESTIMATED QUANTITIES**

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Art Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5249	None detected	Room 102, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5250	None detected	Room 014A, east wall center	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5251	None detected	Room 101, east wall center	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5252	None detected	Room 012, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5253	None detected	Room 012, southeast corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5254	None detected	Room 105, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5255	None detected	Storage 3, southwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Joint compound	5256	None detected	Room 012, north east corner	Room 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft.	No	No
Joint compound	5257	None detected	Room 013A, northwest corner	Room 012, 112A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Art Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Joint compound	5258	None detected	Room 010B, northwest corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft.	No	No
Joint compound	5259	None detected	Room 014A, southwest corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft.	No	No
Joint compound	5260	None detected	Room 014, southeast corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft.	No	No
Drywall	5261	None detected	Room 012, northeast corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft.	No	No
Composite drywall with joint compound	5262	None detected	Room 012, northeast corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft.	No	No
12"x12" random pin hole ceiling tile with glue	5263	None detected	Room 013A, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010B, 010A, dark room, 013, 013A, 014	5,000 sq. ft.	Yes	No
2'x4' fissured ceiling panel	5264	None detected	Room 012, ceiling center	Room 012	1,000 sq. ft.	No	No
12"x12" blue floor tile with adhesive	5265	None detected	Room 105, southeast corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010 B	4,000 sq. ft.	No	No
4" black cove base with adhesive	5266	None detected	Room 102, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, 013,013A, 014, 014A	1,000 ln. ft.	No	No
Button board	5267	None detected	Storage room 2, attic space west center	Under plaster room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Vibration reducer	5268	None detected	Storage room 2, attic space on HVAC units	Second floor attic space on HVAC units at seams	5 sq. ft.	No	No
Duct wrapping (cloth type)	5269	None detected	Room 011, center on HVAC ducting	Room 011 (on fiberglass insolated pipes)	50 sq. ft.	No	No

**MATERIAL INVENTORY
ASBESTOS**

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Art Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4" diameter pipe TSI	5271	10% Chrysotile 10% Amosite	Storage room 7, attic space center	Second floor attic space throughout	120 in. ft.	Yes	No
4" diameter pipe elbows TSI	5272	5% Chrysotile	Storage room 2, attic space, center	Second floor attic space throughout	10 elbows	Yes	No
Stucco	5273	None detected	Room 107, northwest corner	Exterior walls	4,800 sq. ft.	No	No
Window putty	5274	<1% Chrysotile	Room 107, northwest corner	Exterior windows	150 in. ft.	No	No
Asbestos containing cement panels	NA	Assumed	Not sampled material intact	Room 013A, lining furnace hood	20 sq. ft.	No	No
Roofing	NA	Assumed	Material not inspected	Roof	NA NA	NA	NA
Moisture barrier paper	NA	Assumed	Not sampled material intact	Exterior walls under stucco	4,800 sq. ft.	No	No
Chalkboard mastic	NA	Assumed	Not sampled material intact	Room 105, 103, 102, 101, 014	200 sq. ft.	No	No
Cork board mastic	NA	Assumed	Not sampled material intact	Room 105, 103, 102, 101, 014	200 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5187	None detected	Lobby 2, southwest corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Sand plaster	5188	None detected	Room 501, northwest corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5189	None detected	Room 300A, northeast corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Sand plaster	5190	None detected	Room 101, northwest corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5191	None detected	Room 511, northeast corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Sand plaster	5192	None detected	Room 201, south center	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5193	None detected	Room 205, southeast corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Button board	5224	None detected	Custodian closet above ceiling, west center	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Joint compound	5197	None detected	Room 103C, north center	Staff women's restroom and men's restroom, room 200A, 200, 103C, 103D, 103A, 103B, 103E, 103F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Joint compound	5198	None detected	Hallway 3 by room 103A	Staff women's restroom and men's restroom, room 200A, 200, 103C, 103D, 103A, 103B, 103E, 103F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No
Joint compound	5199	None detected	Staff men's restroom, 5' south of northwest corner	Staff women's restroom and men's restroom, room 200A, 200, 103C, 103D, 103A, 103B, 103E, 103F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No
Joint compound	5200	3% Chrysotile	Vikings Inn ceiling, northeast	Above 12" random pinhole ceiling tile rooms 203, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 102, 101, 103A, B, C, D, 405, 402, 401, 401 closet and restroom, Vikings Inn, custodian room, electrical room	2,300 sq. ft.	No	No
Drywall	5201	None detected	Vikings Inn ceiling, northeast	Above 12" random pinhole ceiling tile rooms 2023, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 102, 101, 103A, B, C, D, 405, 402, 401, 401 closet and restroom, Vikings Inn, custodian room, electrical room	2,300 sq. ft.	No	No
Drywall	5203	None detected	Room 103D, west center	Staff women's restroom and men's restroom, room 200A, 200, 103A, A, B, C, D, E, F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No
Composite drywall with joint compound	5204	None detected	Room 103D, west center	Staff women's restroom and men's restroom, room 200A, 200, 103A, A, B, C, D, E, F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall	5202	None detected	Hallway 1, southwest above	Above 12" fissured ceiling tile, hallway 1, 2, 3	1,800 sq. ft.	No	No
Composite drywall with joint compound	5205	None detected	Vikings Inn northeast ceiling	Above 12" random pinhole ceiling tile rooms 203, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 102, 101, 103A, B, C, D, 405, 402, 401, 401 closet and restroom, Vikings Inn, custodian room, electrical room	2,300 sq. ft.	No	No
Composite drywall with joint compound	5206	None detected	Room 200, ceiling center	Room 200A, 200, attendance office, lobby 1, room 515-501, lobby 2	1,900 sq. ft.	Yes	No
12"x12" fissured ceiling tile with glue	5207	None detected	Hallway, southwest corner	Hall way 1, 2, 3	2,300 sq. ft.	Yes	No
12"x12" random pinhole ceiling tile with glue	5208	None detected	Vikings Inn, northeast corner	Rooms 203, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 102, 101, 103, 103A, B, C, D, E, F, 405, 402, 401, 401 closet and restroom, Vikings Inn, custodian room, electrical room	1,800 sq. ft.	Yes	No
12"x12" white speckled floor tile with adhesive	5209	None detected	Hallway 1, 10' east of northwest corner	Vikings Inn, Room 200A, 200, hallway 1, 2, 3, room 103C, 103D, 103A, B, E, F	800 sq. ft.	No	No
12"x12" light blue floor tile with adhesive	5210	None detected	Hallway 1, 10' east of northwest corner	Vikings Inn, Room 200A, 200, hallway 1, 2, 3, room 103C, 103D, 103A, B, E, F Predominant	2,500 sq. ft.	No	No
12" ocean blue floor tile with adhesive	5211	None detected	Room 203A, southwest corner	Room 203, 203A, 204, 205	400 sq. ft.	No	No
12" blue floor tile with adhesive	5212	None detected	Room 101, north center	Lounge	100 sq. ft.	No	No
9" tan floor tile with mastic	5213	None detected (tile) 3% Chrysotile (mastic)	Room 300B, center	Room 300B	10 sq. ft.	No	No
9" brown floor tile with mastic	5214	4% Chrysotile (tile) 4% Chrysotile (mastic)	Room 300B, southwest corner	Room 300B, electrical room, room 101, 405, 401 closet	300 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Tan floor tile with mastic, under brown carpet	5215	4% Chrysotile (tile) 2% Chrysotile (mastic) None detected (mastic)	Room 102, northwest corner	Room 102	100 sq. ft.	No	No
White floor tile, under grey carpet	5216	None detected (leveling compound) 2% Chrysotile (black mastic) None detected (yellow mastic)	Room 202, north center at entrance	Room 202, 201, attendance office, room 515-501, lobby 2, 402, 401	2,000 sq. ft.	No	No
Brown floor tile, under floor tile	5217	5% Chrysotile (tile) 4% Chrysotile (black mastic) None detected (yellow mastic)	Room 200 by room 202	Under floor tile in rooms 200A, 200, 103C, 103D, 103A, 103B, 103, E, F, Vikings Inn, Hallway 1, 2, 3	3,300 sq. ft.	No	No
Black residual flooring	5218	None detected	Room 101, northwest corner	Room 101, on 9" floor tile	50 sq. ft.	No	D
4" black cove base with adhesive	5219	None detected	Room 102, north center	Room 102	15 ln. ft.	No	No
6" black cove base with adhesive	5220	None detected	Vikings Inn, 4' north of southeast corner	Vikings Inn, 300A, custodian room, 203, 203A, 204, 205, 200A, 200, 202, 201, hallway 1, 2, 3, attendance office, electrical room, 103A, B, C, D, E, F, 102, 101, lounge, lobby, 1 and 2, room 515-501, 405, 402, 401, 401 closet	2,500 ln. ft.	No	No
Grey carpet glue	5221	None detected	Room 202 at north entrance	Room 202, 201, attendance office, room 515-501, lobby 2, 402, 401	2,000 sq. ft.	No	No
Grey carpet glue with black residual mastic	5222	3% Chrysotile	Lobby 1, center	Lobby 1	450 sq. ft.	No	No
Brown multi colored carpet glue	5223	None detected	Room 102, northwest corner	Room 102	100 sq. ft.	No	No

**MATERIAL INVENTORY
ASBESTOS**

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Button board	5224	None Detected	Custodian closet above ceiling, west center	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Exterior patching compound	5225	7% Chrysotile	Vikings Inn, exterior northwest	Exterior around door casing and window casing at Vikings Inn, west doors and windows	60 ln. ft.	No	No
Window putty	5226	2% Chrysotile	Exterior by west entrance to hallway 1	All exterior windows	150 ln. ft.	No	No
Stucco	5227	None detected	Exterior by heater closet, southeast	Exterior walls	4,500 sq. ft.	No	No
Moisture barrier paper	NA	Assumed	Not sampled to avoid damage	Exterior wall under stucco	4,500 sq. ft.	No	No
Roofing	NA	Assumed	Material not inspected	Roof	NA	No	No

Note: Fiberglass pipe insulation observed above ceiling space

**MATERIAL INVENTORY
ASBESTOS**

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5228	None detected	Basement room 10, northeast corner	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brittle in various locations	25,000 sq. ft.	No	D
Sand plaster	5229	None detected	Second floor room 205, east wall center	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brittle in various locations	25,000 sq. ft.	No	D

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5230	None detected	First floor room 100 ceiling 7 feet north of southeast corner	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brittle in various locations	25,000 sq. ft.	No	D
Sand plaster	5231	None detected	Second floor room 208, east wall center	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brittle in various locations	25,000 sq. ft.	No	D

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5232	None detected	First floor office 1, northeast corner	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brittle in various locations	25,000 sq. ft.	No	D
Sand plaster	5233	None detected	First floor hallway by room 102, south center	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brittle in various locations	25,000 sq. ft.	No	D

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5234	None detected	First floor room 115, northeast corner	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brittle in various locations	25,000 sq. ft.	No	D
Joint compound	5235	None detected	First floor room 11A, northeast corner	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Joint compound	5236	None detected	First floor office 1, south wall center	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Joint compound	5237	None detected	First floor room 106, 5' north of southeast corner	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Joint compound	5238	None detected	Second floor, room 205 northwest corner	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Joint compound	5239	None detected	Second floor, room 207 3' west of southeast corner	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Drywall	5240	None detected	First floor room 100, west wall center	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Drywall composi/ joint compound	5241	None detected	First floor room 100, west wall center	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
12"x12" blue floor tile with adhesive	5242	None detected	Basement room 10, southeast corner	Basement room 10, first floor: 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110A, 109, 110, 111, 120, 115, 122, 124, 126, 126A, second floor: 200, 200A, 201, 202, 205, 208, 206, 207, 204A, first floor hallways, office 1 and 2	20,000 sq. ft.	No	No
12"x12" white speckled floor tile with adhesive	5243	None detected	First floor hallway by room 100, west center	First floor hallway	500 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4" black cove base with adhesive	5244	None detected	First floor hallway by room 102, south wall center	Basement room 10; first floor 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110A, 110, 111, 120, 115, 122, 124, 126, 126A; second floor: 200, 200A, 201, 202, 205, 208, 206, 207, 204A; office 1 and 2, first floor hallway	3,000 ln. ft.	No	No
12"x12" random pin hole ceiling tile with glue	5245	None detected	First floor room 100, 7' north of southeast corner	Basement room 10; first floor 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110A, 110, 111, 120, 115, 122, 124, 126, 126A; second floor: 200, 200A, 201, 202, 205, 208, 206, 207, 204A; office 1 and 2, first floor hallway	20,000 sq. ft.	Yes	No
2'x4' fissured ceiling panels	5246	None detected	Second floor room 202, 10' north of southeast corner	Second floor drop ceiling in rooms 202, 206	1,500 sq. ft.	Yes	No
Window putty	5247	<1% Chrysotile	Exterior basement room 10, south west corner	All exterior windows	1,000 ln. ft.	No	No
Stucco	5248	None detected	Exterior basement room 10, north west corner	Exterior walls	14,000 sq. ft.	No	No
Moisture barrier paper under stucco	NA	Assumed	Not sampled, material intact	Exterior walls, under stucco	14,000 sq. ft.	No	No
Button board	NA	Assumed	Not sampled, material intact	Kitchen	25,000 sq. ft.	No	No

**MATERIAL INVENTORY
ASBESTOS**

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Roofing	NA	Assumed	Material not inspected	Roof	N/A	N/A	N/A
Chalk board mastic	NA	Assumed	Not sampled, material intact	Basement room 10, first floor rooms 100, 106, 110, 120, 111, 115	40 each	No	No

Note: Samples 5231 - 5234 water damage causing plaster to become brittle in various locations
 Fiberglass pipe insulation observed in ceiling spaces on first and second floors

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Cafeteria Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5153	None detected	Student cafeteria, 5' south of northwest	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Sand plaster	5154	None detected	Serving area, east wall center	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Sand plaster	5155	None detected	Serving area, west wall center	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Sand plaster	5156	None detected	Kitchen prep, south wall center	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Sand plaster	5157	None detected	Staff cafeteria, 8' east of northwest	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Smooth plaster	5158	None detected	Kitchen, east wall center	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No
Smooth plaster	5159	None detected	Kitchen, northwest corner	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No
Smooth plaster	5160	None detected	Kitchen, northeast corner	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No
Smooth plaster	5161	None detected	Kitchen, north center	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No
Smooth plaster	5162	None detected	Kitchen, west corner	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Cafeteria Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Joint compound	5163	None detected	Staff men's restroom west wall center	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5164	None detected	Staff women's restroom, south west corner	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5165	3% Chrysotile	Serving area, ceiling west center	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5166	None detected	Kitchen, ceiling northeast corner	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Cafeteria Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Joint compound	5167	None detected	Kitchen, ceiling southeast corner	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5168	None detected	Kitchen, ceiling center	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5169	None detected	Changing room, 4' south of northeast corner	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Drywall	5170	None detected	Staff men's restroom ceiling, west center at damaged area	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Cafeteria Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Composite drywall with joint compound	5171	None detected	Staff men's restroom ceiling, west center at damaged area	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
12"x12" random pinhole ceiling tile with glue	5172	None detected	Serving area, west center	Student cafeteria, serving area, snack bar, staff cafeteria	8,000 sq. ft	Yes	No
12"x12" blue floor tile with adhesive	5173	None detected	Serving area, west center	Serving area, snack bar, changing room, kitchen prep, staff cafeteria (predominant), office 1	2,800 sq. ft	No	No
12"x12" light blue floor tile with adhesive with black residual mastic	5174	None detected	Student cafeteria, 20' south of northwest	Student cafeteria	800 sq. ft	No	No
12"x12" ocean blue floor tile with adhesive	5175	None detected	Student cafeteria, 30' west of northeast corner	Student cafeteria	500 sq. ft	No	No
12"x12" yellow floor tile with adhesive with black residual mastic	5176	None detected	Student cafeteria, 20 feet south of northwest corner	Student cafeteria	200 sq. ft	No	No
12"x12" white speckled floor tile with adhesive	5177	None detected	Student cafeteria, 5' east of northwest corner	Predominant in (student cafeteria), serving area, staff cafeteria	3,000 sq. ft	No	No
Blue with grey flooring with adhesive	5178	None detected	Kitchen floor, center	Kitchen	1,000 sq. ft	No	No
4" black cove base with adhesive	5179	None detected	Serving area, west wall center	Serving area, snack bar, kitchen prep, office 1	350 ln. ft.	No	No
6" black cove base with adhesive	5180	None detected	Student cafeteria, west wall center	Student cafeteria	150 ln. ft.	No	No
Duct sealant	5181	None detected	Kitchen ceiling space, center at HVAC ducting	Kitchen ceiling space HVAC units at seams	10 sq. ft	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Cafeteria Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Button board (under plaster)	5182	None detected	Kitchen prep room, south wall center	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	6,000 sq. ft	No	No
Window putty	5183	<1% Chrysotile	Exterior student cafeteria, southwest corner	All exterior windows	300 ln. ft.	No	No
Stucco	5184	None detected	Exterior student cafeteria, southwest corner	All exterior walls	4,500 sq. ft	No	No
Freezer insulation	NA	Assumed	Not sampled, material intact	Freezer	200 sq. ft	No	No
Roofing	NA	Assumed	Material not inspected	Roof	N/A	N/A	N/A

Note: Fiberglass insulation observed in ceiling space throughout

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- History Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Plaster walls	H101 through H107	None detected	H101, H125, H100, H103, H106, A, B, C, D, H114, H116	H102, H105, custodian room, H104, H104A, H104B, H109, custodian room, H117A, H117B, H117, H115, H119, H122, H023, H022, H020, H201, H202, H203, H204,225, H206, 207A, H208, H209, H212, H213, H214, H215, H216, H217, H218, H125	39,000 sq. ft.	No	No
Plaster ceilings	H301 through H303	None detected	H101, H125, H100, H103, H106, A, B, C, D, H114, H116	H117A custodian room , H117B, H117A, H117, H020, H021, H023, H206	1,000 sq. ft.	No	No
12" gray speckled floor tile with residual mastic	H01	None detected	H-200, northwest	H200, H201, H202, H203, H204, H208, H201, H213, H214, H216, H217, H218	13,000 sq. ft.	No	No
12" gray speckled floor tile with residual mastic	H02	None detected	H216, southeast	H200, H201, H202, H203, H204, H208, H201, H213, H214, H216, H217, H218	13,000 sq. ft.	No	No
12" gray speckled floor tile	H03	None detected	H119, south center	H125, H101, H100, H103, H102, H105 custodian room, H104, H106, A, B, C, D, H117B, H119, H122, H125, H127	9,500 sq. ft.	No	No
12" light blue speckled floor tile , 2 layers	H04	None detected	H120, west center	H120, H118, H116, H114	3,200 sq. ft.	No	No
12" peghole ceiling tile and mastic	H201, H202, H203, H05	None detected	First floor hallway east side center	H125, H101, H103, H100, H102, H106, A, B, C ,D, H114, H116, H120, H122, H119, H121, H200, H201, H203, H204, H205, H207, H208, H209, H210, H213, H215, H217, H216, H218	23,000 sq. ft.	No	No
Window putty	H06	None detected	H119, southeast	Exterior windows and classroom interior, classroom putty is in the interior	5,500 ln. ft.	No	No
Window putty	H07	< 1% Chrysotile	North center	Exterior windows and classroom interior, classroom putty is in the interior	5,500 ln. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- History Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Window putty	H08	< 1% Chrysotile	South center	Exterior windows and classroom interior, classroom putty is in the interior	5,500 ln. ft.	No	No
Hot brick	H09	None detected	Basement storage room 2, northeast	Basement storage room 2, furnace exhaust	100 sq. ft.	Yes	No
Drywall	H10	None detected	H104, northeast	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H11	None detected	H104, northeast	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H12	None detected	H107, southeast	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H13	None detected	H114, southwest	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H14	None detected	H206, northwest	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H15	None detected	H212, northwest	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Soft rough plaster	H16	3% Chrysotile	H209, southeast	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- History Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Soft rough plaster	H17	Not analyzed/positive stop	H213, west center	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
Soft rough plaster	H18	Not analyzed/positive stop	Second floor hallway at northeast stairwell	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
Soft rough plaster	H19	Not analyzed/positive stop	H102, northwest	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
Soft rough plaster	H20	Not analyzed/positive stop	H120, southeast	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- History Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Soft rough plaster	H21	Not analyzed/positive stop	First floor hallway at southeast stairwell	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
Soft rough plaster	H22	Not analyzed/positive stop	H114, northeast	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
2'x2' fissured ceiling panel	H23	None detected	H116, center	H118, H116, H114	2,700 sq. ft.	Yes	No
4 inch black cove base and glue	H24	None detected	H103, northwest	H125, H101, H103, H100, H102, H106, A, B, C, D, H114, H116, H120, H122, H119, H121, H200, H201, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H212 basement first and second floor hallway	3,900 sq. ft.	No	No
Drywall	H24A	None detected	H127, southeast	H127, H127B	950 sq. ft.	No	No
Drywall joint compound	H25	None detected	H127, southeast	H127, H127B	950 sq. ft.	No	No
Drywall joint compound	H26	None detected	H127B, southeast	H127, H127B	950 sq. ft.	No	No
Drywall joint compound	H27	None detected	H127, northwest	H127, H127B	950 sq. ft.	No	No
2'x4' fissured ceiling panel	H28	None detected	H127, center	H127, H127B	900 sq. ft.	Yes	No
12" white floor tile	H29	None detected	First floor hallway, southwest	H127B, hallways at first, second and basement floors	1,600 sq. ft.	No	No
Gypsum board	H30	None detected	Basement hallway, center	Basement hallway	750 sq. ft.	No	No
12" random peghole ceiling tile and glue	H31	None detected	Basement hallway, center	Basement hallway	750 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- History Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Grey flooring material	H32	None detected	First floor, southeast stairwell bottom step	Stairwells steps	450 sq. ft.	No	No
Stucco	H33	None detected	H127, northeast	Exterior walls	11,000 sq. ft.	No	No
Stucco	H34	None detected	Northwest	Exterior walls	11,000 sq. ft.	No	No
Stucco	H35	None detected	Northeast	Exterior walls	11,000 sq. ft.	No	No
Stucco	H36	None detected	Southeast	Exterior walls	11,000 sq. ft.	No	No
Stucco	H37	None detected	West center	Exterior walls	11,000 sq. ft.	No	No
Stucco	H38	None detected	Southwest	Exterior walls	11,000 sq. ft.	No	No
Stucco	H39	None detected	North center, second floor	Exterior walls	11,000 sq. ft.	No	No
Roofing materials and mastics	Assumed	Assumed	Material not sample to avoid damage	Roof	8,000 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High

Santa Monica High School- Technology Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4" black cove base and glue	3478	None detected	Room T11, northwest	Room T11, rooms T101-T313, rooms T200-T219, offices and storage rooms (except T105)	3,500 in. ft.	No	No
Gypsum board wall joint compound	TB02B01-TB02B03	None detected	Previously sampled	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Gypsum board wall joint compound	3480	None detected	T100, west center	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Gypsum board wall joint compound	3481	None detected	T105, northwest	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Gypsum board wall joint compound	3482	None detected	T214A, northeast	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Gypsum board wall joint compound	3483	None detected	T200, southeast	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Heater unit gasket	3479	None detected	T12, mechanical room, east center	T12, mechanical room	2 each	No	No
2x2 smooth pinhole ceiling panel	3484	None detected	T100, east center	Rooms T100 thru T113, T214 first floor offices and storage rooms	9,500 sq. ft.	Yes	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High

Santa Monica High School- Technology Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
2x4 fissured square pattern ceiling panel	3485	None detected	T212, center	Second floor hallway, rooms T-200 thru T219 (except room T214)	85,000 sq. ft.	No	No
Light blue floor sheeting	3486	None detected	T214A, northwest	Second floor hallway and room T214A	2,800 sq. ft.	No	No
12" gray speckled floor tile	3487	None detected	T215, northeast	Rooms T100 thru T113, including offices and storage rooms, rooms T200 thru T219 (except T105)	17,000 sq. ft.	No	No
12" white speckled floor tile	3488	None detected	T214, center	Rooms T100 thru T113 (except room T105), rooms T200 thru T219 handling ~Offices and storage rooms, first and second floors	1,500 sq. ft.	No	No
Fireproofing	3489	None detected	Room T105, northwest	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Fireproofing	3490	None detected	Room T105, northeast	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Fireproofing	3491	None detected	Room T105, southwest	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Fireproofing	3492	None detected	Room T105, southeast	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Fireproofing	3493	None detected	Room T105, center	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Roof mastic	N/A	Assumed	N/A	Roof penetrations	150 sq. ft.	No	No
Chalk board	N/A	Assumed	N/A	Rooms T100-- T113, rooms T200-T219	100 each	No	No
Octagon shape lab counters	3494	None detected	T200, southeast	Room T200	200 sq. ft.	No	No
Rectangular lab counters	3495	None detected	T200, northwest	Room T200, T204	500 sq. ft.	No	No
Rolled on roof core	N/A	Assumed	N/A	Roof	11,000 sq. ft.	No	No
Rough plaster wall interior	TB1701-TB1703	None detected	See TB504-503	First and second floor hallways and second floor staff restrooms	4,900 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High

Santa Monica High School- Technology Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Canvas wrap pipe insulation	TB1801-TB1803	None detected	Previously sampled	Domestic water lines, room T 105	60 ln. ft.	No	No
Base cove and mastic	TB2001-TB2003	None detected	Previously sampled	Roof	N/A	N/A	N/A
Roof perimeter base flashing	TB2301-TB2303	5%-10% Chrysotile	Previously sampled	Roof	400 sq. ft.	No	No
Roof penetration base flashing	TB2401-TB2403	None Detected-3% Chrysotile	Previously sampled	Exterior walls and walkway ceiling	18,000 sq. ft.	No	No
Exterior wall stucco	TB2502-TB2505	2%-3% Chrysotile	Previously sampled	Exterior walls and walkway stairwell ceilings	18,000 sq. ft.	No	No
Gypsum board wall	TB02A01 TB02A02	None detected	Previously sampled	T11, T10, southwest side wall, rooms T101- T113. Rooms T200 thru T219, technology offices and storage room	29,000 sq. ft.	No	No
Parquet mastic	TB2601-TB2603	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Pipe fitting insulation elbows	TB2701-TB2702, TB2901-TB2902	N/A	Previously sampled	Removed/ replaced with fiberglass	N/A	N/A	N/A
Pipe insulation	TB2801-TB2802	N/A	Previously sampled	Removed/ replaced with fiberglass	N/A	N/A	N/A
Pipe insulation	TB3001-TB3002	N/A	Previously sampled	Removed/ replaced with fiberglass	N/A	N/A	N/A
Domestic water insulation	TB0301	N/A	Previously sampled	Not observed during this inspection, mechanical rooms (fiberglass), T105 (new)	N/A	N/A	N/A
Heat water insulation	TB0401	N/A	Previously sampled	Not observed during this inspection, mechanical rooms (fiberglass), T105 (new)	N/A	N/A	N/A
Rough plaster walls and ceiling	TB0501-TB0503	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
2x4 random groove ceiling panel	TB0701-TB0703	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High

Santa Monica High School- Technology Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Duct pipe on HVAC system	TB1001-TB1003	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
12" acoustical wall tile and mastic	TB1101-TB1103, TB1101A	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
12" random peg hole ceiling tile	TB1401-TB1403	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Mastic associated with 12" random peg hole	TB11401A-TB1403A	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
9" beige floor tile and mastic	TB1501	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
Plaster board walls and ceilings	TB1601, TB1602, TB1603	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Pipe fitting insulation elbows	TB1901-TB1904	N/A	Previously sampled	Removed-not observed during this inspection	N/A	N/A	N/A
Built up roof with gravel	TB2201-TB2203	N/A	Previously sampled	Removed-not observed during this inspection	N/A	No	No
Fume hood lining	TB3101-TB3103	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Lab top counter	TB3201-TB3203	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Lab top counter	TB3301-TB3303	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Paint coating	TB3401-TB3403, TB3503	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Duct insulation	TB0101-TB0103	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Roofing materials and mastics	Assumed	Assumed	Material not sample to avoid damage	Roof	8,000 sq. ft.	No	No

Note: Basement floor observed TSI in mechanical room, T10, T11, consist of fiber glass pipe runs and elbow

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- English Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Plaster	E101 to E107	None detected	Previously sampled	E217	7,500 sq. ft.	No	No
Soffit plaster ceiling	E201 to E203	5% Chrysotile	Previously sampled	E217, E215, E213, E208, E210, second floor corridor, E201, E200, E302, E304, E100, E101, E103, E107, E109A, B, C, D, E113, E117, first floor corridor	14,000 sq. ft.	No	No
Plaster ceiling	E401 to E403	None detected	Previously sampled	E104A, stairwells (south and north)	1,700 sq. ft.	No	No
Plaster ceiling	E01	None detected	Stairwell, north entrance	E104A, stairwells (south and north)	1,700 sq. ft.	No	No
Plaster ceiling	E02	None detected	E114A center	E104A, stairwells (south and north)	1,700 sq. ft.	No	No
4" black cove base and glue	E03	None detected	E100, southwest	E217, E215, E213, E209, E208-210, hallways, first and second floors, E201, E200, E100, E101, E103, E107, E113, E115, E117	2,700 ln. ft.	No	No
Plaster wall	E101 to E107	None detected	Previously sampled	E100, E101, E103, E105, E107, E109A-D, E113, E115, E117, E200, E201, E209, E207, E208, E110, E302, E304, 1st and 2nd floor hallways	24,000 sq. ft.	No	No
Roof core	NA	Assumed	N/A	Roof	6,000 sq. ft.	No	No
Roof mastic	NA	Assumed	N/A	Roof penetration	300 sq. ft.	No	No
Chalk board	NA	Assumed	N/A	Rooms E100, E101, E103, E107, E113, E115, E117, E200, E201, E213, E215, E217	40 each	No	No
12" straight peg hole ceiling tile and glue	E04	None detected	E200, center	Rooms 200, E217, E215, E213	2,300 sq. ft.	Yes	No
Brown flooring material	E05	None detected	E217, center	Rooms E217, E215, E213, E200, E201 (under carpet)	4,200 sq. ft.	No	No
Carpet glue	E06	None detected	E215, south center	E217, E215, E213, E201, E200	4,200 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- English Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall	E07	None detected	E113, northwest	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E08	None detected	E113, northwest	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E09	None detected	E304, southeast	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E10	None detected	E302, east center	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E11	None detected	E210, east center	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- English Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	E12	None detected	E205, northeast	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E13	None detected	E106, southwest	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E14	None detected	E110, southeast	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Fire door material	E15	None detected	E209, north entrance	E209, north and south doors	4 each	No	Yes
12" white floor tile	E16	None detected	First floor hallway, northeast	First and second floor hallways	600 sq. ft.	No	No
12" gray speckled floor tile	E17	None detected	First floor hallway, northeast	First floor and second floor corridors, E104, E203A, E208, E210, E302, E304	4,800 sq. ft.	No	No
12" blue speckled floor tile	E18	None detected	E100, southwest	E100, E101, E103, E107, E109A, B, C, D, E, E113, E115, E117 at entrances, room E200, E201, E213, E217	7,300 sq. ft.	No	No
Red flooring material	E19	None detected	E209, south entrance	E209	2,400 sq. ft.	No	Yes
Brown flooring with barrier paper	E20	None detected	E105 at entrance	E105	225 sq. ft.	No	No
Stucco	E21	None detected	Northeast	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No
Stucco	E22	None detected	Northwest	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No

**MATERIAL INVENTORY
ASBESTOS**

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- English Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Stucco	E23	None detected	Southwest	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No
Stucco	E24	None detected	Southeast	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No
Stucco	E25	None detected	East, center	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No
12" ceiling tile	E301 to E303	None detected	Prevoiusly sampled	Not observed during this inspection	N/A	N/A	N/A

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School Science Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	3496	None detected	S107, southwest	S107, prep room, electrical S104C, restrooms, S105, S105A, S104, S102P, S102A, rooms S200, S200P, S202, S204P, S201, restrooms, S201, S023, S205P, S205, S207	19,000 sq. ft.	No	No
Drywall joint compound	3497	None detected	S200, southeast	S107, prep room, electrical S104C, restrooms, S105, S105A, S104, S102P, S102A, rooms S200, S200P, S202, S204P, S2011, restrooms, S201, S023, S205P, S205, S208	19,000 sq. ft.	No	No
2'x2' smooth pinhole ceiling panel	3484	None detected	Same as technology building	Prep room, S107, S105, S105A, S104, S102P, S102A, S102, S100P, first and second floor hallways, S200, S200P, S202, S204P, S204, S201, S201P, S203, S205P, S205, S207	15,000 sq. ft.	No	No
12" gray speckled floor tile	3498	None detected	S107, northwest	Prep room, S107, S105, S105A, S104, S102P, S102A, S102, S100P, S100, S200, S200P S202, S204P, S204 S201, S201P, S203, S205P, S205, S207	13,000 sq. ft.	No	No
12" light gray floor tile	3499	None detected	Hallway, west center	Prep room 5, corridor	600 sq. ft.	No	No
Light blue floor sheeting	3486		Same as technology building	First and second floor hallway	5,200 sq. ft.	No	No
12" white floor tile	3500	None detected	S107, southeast	S107, S104, S102, S100, S200, S202, S204, S201, S203, S205	1,300 sq. ft.	No	No
HVAC joint compound	3504	None detected	Mechanical room, center	Mechanical between HVAC seams	100 sq. ft.	No	No
Rectangular counters, black	3495	None detected	Same as technology building	Prep room, S107, S104, S102P, S100, S200, S200P, S202, S204, S207	1,800 sq. ft.	No	No
Octagon shaped counters	3494	None detected	Same as technology building	S205	200 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School Science Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4" black cove base and glue	3478	None detected	Same as technology building	Prep room, S107, S105, S105A, S104, S102P, S102A, S100P, S100A, S100, S200, S200P, S202, S204P, S204, S201, S201P, S205P, S205, S207	2,000 ln. ft.	No	No
2'x4' fissured ceiling panel	3501	None detected	S101, Center	S103, S101P	2,700 sq. ft.	Yes	No
Blue rectangular counters	3502	None detected	S103, northeast	S103, S101P, S101A, S101	350 sq. ft.	No	No
Carpet glue	3503	None detected	S101A, center	Exterior walls in west side and stairwells	90 sq. ft.	No	No
Stucco	TB2502-TB2505	2%-3% Chrysotile	Previously sampled	Exterior walls in west side and stairwells	1,200 sq. ft.	No	No
Rolled on roof core	NA	Assumed	N/A	Roof	9,500 sq. ft.	No	No
Roof mastic	NA	Assumed	N/A	Roof penetrations	50 sq. ft.	No	No
Chalk boards	NA	Assumed	N/A	Rooms, S200, S201, S202, S203, S204, S205, S207	24 each	No	No
Window putty	SCI301-SCI303	2%-3% Chrysotile	Previously sampled	Exterior windows	11,000 ln. ft.	No	No
12" blue floor tile and mastic	SCI-4-1 to SCI-4-3	None detected (tile) None Detected trace (mastic)	Previously sampled	S103, S107	1,600 sq. ft.	No	No
12" gray floor tile and mastic	SCI-5-1 to SCI-5-3	None detected (tile) None Detected - Trace (mastic)	Previously sampled	S103, S101C, (restrooms), S101P, S101	2,400 sq. ft.	No	No
Smooth plaster walls and ceilings	SCI-10-1 to SCI-10-10	None detected	Previously sampled	S105, S101C, S101P, S101A, S101B, S103, S101, first floor hallway, store room S205, mechanical room	6,700 sq. ft.	No	No
Black baseboard and mastic	SCI-11-1 to SCI-11-3	None detected	Previously sampled	S103, S101C, S101A, S101P	450 ln. ft.	No	No
New fume hood	SCI-13-1	None detected	Previously sampled	S103, S205	5 each		
12" ceiling tile, straight and mastic	SCI-15-1 to SCI-15-3	None detected	Previously sampled	S101 south wall on soffit	300 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School Science Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
2'x4' lay in ceiling panel	SCI-27-1 to SCI-27-3	None detected	Previously sampled	All classrooms	9,500 sq. ft.	Yes	No
Pipe insulation on domestic water	SCI-16-1 to SCI-16-3	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Transite fume hood liners	SCI-17-1	N/A	Previously sampled	Removed, not observed during this inspection, new fume hood observed	N/A	N/A	N/A
Pipe fitting insulation on domestic water	SCI-18-1 to SCI-18-3	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Canvas HVAC duct insulation	SCI-20-1 to SCI-20-3	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Laboratory counter top	SCI-21-1 to SCI-21-3	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Flexible HVAC vibration damper	SCI-231	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Tank Insulation	SCI-25-1 to SCI-25-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
HVAC duct joint tape	SCI-29-1 to SCI-29-3	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Tan linoleum	SCI-1-1 to SCI-1-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
12" brown floor tile and mastic	SCI-2-1 to SCI-2-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
9" green floor tile and mastic	SCI-3-1	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
9" red floor tile and mastic	SCI-6-1	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
9" gray floor tile and mastic	SCI-7-1	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
Sink undercoating	SCI-8-1 to SCI-8-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
Cementitious type sink	SCI-9-1	N/A	Previously sampled	Not observed, during this inspection	N/A	N/A	N/A
Brown baseboard and mastic	SCI-12-1 to SCI-12-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School Science Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Tan baseboard and mastic	SCI-14-1 to SCI-14-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A

Note: Inspected ceiling spaces, observed fiberglass, duct insulation covered with silver paper. Mechanic observed fiberglass TSI (new).

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica Malibu Unified School District
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PROJECT NAME: Santa Monica High School

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Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Silver roof material	LL1201-LL1203	None detected	Previously sampled	Roof	1,900 sq. ft.	No	No
Base flashing roof panel	LL1301-LL1303	None Detected-5% Chrysotile	Previously sampled	Roof	300 sq. ft.	No	No
Exterior stucco wall	LL1401-LL1405	2%-3% Chrysotile	Previously sampled	Exterior walls	6,500 sq. ft.	No	No
Exterior ceiling stucco	LL1501-LL1505	2%-3% Chrysotile	Previously sampled	Overhangs	2,800 sq. ft.	No	No
Ceiling access panels	LL1601	3% Chrysotile	Previously sampled	Room L104 through L116, Room L204 through L210	20 each	No	No
Gypsum ceilings	LL2001-LL2003	None detected	Previously sampled	Corridors no (joint compound)	1,900 sq. ft.	No	No
Rough plaster walls	LL0501-LL0503	None detected	Previously sampled	Transformer on L107C, L109A (mechanical room)	950 sq. ft.	No	No
9" beige/tan floor tile	LL0801-LL0805	3%-20% Chrysotile	Previously sampled	L102C, L108B	750 sq. ft.	No	No
Gypsum board panel walls (no joint compound)	LL1001-LL1003	None detected	Previously sampled	L210D, L210E, L210C, L210F, L108, L106, L113, L115, L116	1,800 sq. ft.	No	No
Carpet glue	L01	None detected	L210 southwest	L210, L210D, L210E, L210F	2,200 sq. ft.	No	No
12" blue speckled floor tile	L02	None detected (tile and yellow mastic) 5% Chrysotile (black mastic)	Southwest L208A	L208, L206, L204, L205, L104, L105, L106, L107, L108, L109, L108A, L114, L115, L116	13,500 sq. ft.	No	No
Drywall	L03	None detected	Restrooms L208B northwest	Restrooms L208B, L206B, L206A, L207A, LS107D, L123A, L107A, room L118, L117, L117B, and L117C	3,500 sq. ft.	No	No
Drywall joint compound	L04	None detected	Restrooms L208B northwest	Restrooms L208B, L206B, L206A, L207A, LS107D, L123A, L107A, room L118, L117, L117B, and L117C	3,500 sq. ft.	No	No
HVAC joint compound	L05	None detected	Second floor corridor center above ceiling	Second floor and ceiling space	50 sq. ft.	No	No

**MATERIAL INVENTORY
ASBESTOS**

CLIENT: Santa Monica Malibu Unified School District
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Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Smooth plaster	LL 0701-LL 0709	None detected	Previously sampled	L210, L208, L208A, L208B, L207B, L206, L204, L207, L108C, L109B, L116, L115	26,000 sq. ft.	No	No
12" random peg hole ceiling tile and glue	LL 0901-LL 1003	None detected	Previously sampled	L210, L208 corridors, L206, L207, L104, L105, L106, L107, L108, L108A, L109, L114, L115, L116, L118	19,500 sq. ft.	No	No
12" white floor tile	L06	None detected (tile) 4% Chrysotile (mastic)	Second northeast corridor west center	Second floor corridor, first floor corridor	400 sq. ft.	No	No
12" dark gray speckled floor tile	L07	None detected (tile) 4% Chrysotile (mastic)	Second northeast corridor west center	Second floor corridor, first floor corridor	1,500 sq. ft.	No	No
12" fissured ceiling tile	L08	None detected	First floor corridor southeast	Second floor corridor, first floor corridor	1,750 sq. ft.	No	No
12" fissured ceiling tile and glue	NA	Assumed	N/A	Second floor corridor, first floor corridor	1,750 sq. ft.	No	No
4" black cove base and glue	L09	None detected	L114 northeast	L210, L208, L206, L204, L205, L104, L105, L106, L107, L108, L109, L114, L108A, corridors, L115, L116, L117, L118	3,200 ln. ft.	No	No
4" tan cove base and mastic	L10	None detected	L108B southwest	L108B, L210C	120 ln. ft.	No	No
White flooring material	L11	None detected	Stairwell 1 southeast	Stairwell 1 (south)	40 sq. ft.	No	No
4" Light green cove base	L12	None detected	Stairwell 1 southeast	Stairwell 1 (south)	70 ln. ft.	No	No
Chalkboards	N/A	Assumed	N/A	Rooms L104, L105, L106, L107, L108, L109, L110, L111, L112, L113, L114, L115, L116, L117, L118	60 each	No	No
Rolled on roof core	N/A	Assumed	N/A	Roof	16,000 sq. ft.	No	No
Roof mastic	N/A	Assumed	N/A	Roof penetration	200 sq. ft.	No	No
Drywall joint compound	L13	None detected	L118 northeast	Restrooms L208B, L206B, L206A, L207A, L207D, L123A, L107A, L118, L117, L117C, L117B	3,500 sq. ft.	No	No

**MATERIAL INVENTORY
ASBESTOS**

CLIENT: Santa Monica Malibu Unified School District
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PROJECT NAME: Santa Monica High School

Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	L14	None detected	L117 southeast	Restrooms L208B, L206B, L206A, L207A, L207D, L123A, L107A, L118, L117, L117C, L117B	3,500 sq. ft.	No	No
Drywall joint compound	L15	None detected	L206B northwest	Restrooms L208B, L206B, L206A, L207A, L207D, L123A, L107A, L118, L117, L117C, L117B	3,500 sq. ft.	No	No
Drywall joint compound	L16	None detected	L123A northwest	Restrooms L208B, L206B, L206A, L207A, L207D, L123A, L107A, L118, L117, L117C, L117B	3,500 sq. ft.	No	No

**MATERIAL INVENTORY
ASBESTOS**

CLIENT: Santa Monica Malibu Unified School District
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Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
12" light gray floor tile (2 layers)	L17	None detected (tile and yellow mastic) 4% Chrysotile (black mastic)	L117 northeast	L117, L118	1,700 sq. ft.	No	No
Tape on HVAC duct	LL0601-LL0603	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Smooth plaster walls and ceilings	LL0701-LL0709	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Vinyl stair tread	LL1101	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Mastic on chilled water lines	LL1701	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Rough plaster ceilings	LL1901-LL1904	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Pipe fittings insulation on hot water	LL0401-LL0403	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Pipe insulation on chilled water lines	LL0101-LL0103	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Pipe insulation on chilled water lines	LL0201-LL0203	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Pipe fittings insulation on hot water	LL0301-LL0303	N/A	Previously sampled	Not observed during this inspection, fiberglass (new)	N/A	No	No

Notes:

Inspected crawl space through vents along side perimeter foundation, observed loose clean soil. No TSI observed.
 Inspected several ceiling space areas, classrooms and corridors, observed fiberglass insulation over HVAC ducts. No TSI observed.
 Mechanical and electrical rooms, observed fiberglass and TSI.
 Rooms L100 through L103 and L200 through L203 are new additions

**MATERIAL INVENTORY
ASBESTOS**

CLIENT: Santa Monica Malibu Unified School District
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PROJECT NAME: Santa Monica High School

Santa Monica High School- Driver Training Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Ceiling plaster	DT0101- DT0103	None Detected	Previously sampled	Custodian room and storage room	700 sq. ft.	No	No
Wall plaster	DT0201- DT0203	None Detected	Previously sampled	Custodian room and storage room	300 sq. ft.	No	No
Exterior stucco	DT0201- DT0203	None Detected- 2% Chrysotile	Previously sampled	Exterior wall and soffits	400 sq. ft.	No	No
Roofing composite	DT0301- DT0303	None Detected	Previously sampled	Roof (including electrical room)	950 sq. ft.	No	No
Roof flashing	DT0501- DT0503	None Detected	Previously sampled	Roof	60 sq. ft.	No	No
Gypsum board	Assumed	Assumed	Not sample to avoid damage to wall plaster wall	Custodian room and storage room, behind plaster walls and ceiling	1,000 sq. ft.	No	No

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Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall	NPS01	None detected	Northwest N612, north building	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No
Drywall joint compound	NPS02	None detected	Northwest N612, north building	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No

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Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	NPS03	None detected	First floor N106 southwest, north building	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No
Drywall joint compound	NPS04	None detected	N200 northeast, north building	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No

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Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	NPS05	None detected	Pool building P111, southeast	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No
Drywall joint compound	NPS06	None detected	SG16A, northeast	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No

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Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	NPS07	None detected	SG100, west center	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No
Drywall joint compound	NPS08	None detected	South gymnasium, boys lockers, southeast	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No

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Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4" black cove base and glue	NPS09	None detected	First floor N100, southeast	Basement office, basement storage, N100, N113, N140, north gymnasium, northeast and northwest stairwell, SG16A, SG16, south east corridors (basement), SGB16B, SG14, SG15, SG10, SG11, SG13, SG120A, SG102, SG102A, SG206, SG205A	21,100 sq. ft.	No	No
2'x4' fissured ceiling panel	NPS10	None detected	Basement office, center	Basement office, north gymnasium, west and south corridors, SG14, SG15, south gymnasium basement corridors SG102	3,600 sq. ft.	No	No
Plaster	NPS11	<1% Chrysotile	Basement northwest, stairwell northeast	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No

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Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Plaster	NPS12	None detected	First floor northwest stairwell, southwest	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No
Plaster	NPS13	None detected	First floor north gymnasium, basketball court northeast	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No

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Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Plaster	NPS14	None detected	SG11 south center	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No
Plaster	NPS14A	None detected	South gymnasium, southwest stairwell west center	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No

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Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Plaster	NPS15	None detected	South gymnasium, southeast stairwell west center	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No
Plaster	NPS15A	None detected	SG205 southeast	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No

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Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
6" black cove base and glue	NPS16	None detected	First floor, northwest stairwell, southwest	First floor northwest stairwell, N108, N104, N102, N101, N121, N123, N120, N125, N122, N126, N128, N105, N103, N129, N131, N111, NG220, N200A, N201A, P111, P112, SG103, SG113, office, boys locker rooms	3,700 sq. ft.	No	No
12" random peg hole and mastic	NPS17	None detected	North gymnasium, basketball court, south center	North gymnasium, basketball court, south gymnasium basketball court, south gymnasium, southwest stairwell, SG205 (nailed on basketball courts) north and south gymnasium buildings	14,000 sq. ft.	No	No
Drywall	NPS18	None detected	North gymnasium, basketball court, south center	North gymnasium south and north side seating areas	4,000 sq. ft.	No	No
12" gray speckled floor tile	NPS19	None detected	Northeast stairwell north gymnasium, first floor	Northeast northwest stairwells, second floor, north gymnasium, N200A, N201A, SG16A, SG15, SG11, first floor, south gymnasium, corridors, second floor southeast and southwest halls, SG205, SG200, SG200A, SG201	2,900 sq. ft.	No	No
9" light brown floor tile	NPS20	6% Chrysotile (tile) 3% Chrysotile (mastic)	North gymnasium N206, northeast	North gymnasium, N206, north gymnasium, second floor, east corridor, N210	600 sq. ft.	No	No
6" brown cove base and glue	NPS21	None detected	North gymnasium N206, northeast	North gymnasium, N206, east corridor, N210	140 sq. ft.	No	No
Brown floor sheeting	NPS22	None detected	North gymnasium N207, southeast	North gymnasium, N207	200 sq. ft.	No	No

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
12" fissured ceiling tile and glue	NPS23	None detected	South gymnasium, SG206, south center	Northeast stairwell north gymnasium, south gymnasium southeast stairwell, SG206	2,200 sq. ft.	No	No
2'x4' smooth ceiling panel	NPS24	None detected	Pool south center	Pool area, south side	1,500 sq. ft.	Yes	No
12" yellow floor tile	NPS25	None detected	SG14 west center	SG14, basement corridor	1,750 sq. ft.	No	No
12" white floor tile	NPS26	None detected	SG14 west center	SG14, basement hallways	600 sq. ft.	No	No
12" light blue speckled floor tile	NPS27	None detected	South gymnasium southeast basement hallway, northwest	Basement hallways, SG102	1,400 sq. ft.	No	No
Stucco	NPS28	None detected	Northeast south gymnasium at elevator shaft	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS29	None detected	Southeast north gymnasium	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS30	None detected	North gymnasium, east center	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS31	None detected	North gymnasium, northeast	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- North Gymnasium Pool and South Gymnasium

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Stucco	NPS32	None detected	North gymnasium, northwest	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS33	None detected	North gymnasium, garage area northwest	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS34	None detected	South gymnasium northeast	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco barrier paper	NPS35	None detected	North gymnasium east center	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Pool Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
12" ceiling tile	P0101-P0103	None detected	Previously sampled	Not observed, 12" ceiling tile in pool building	N/A	N/A	N/A
Gypsum board and joint compound	P201-P203	None detected	Previously sampled	Observed new drywall (same as north and south gymnasium)	N/A	N/A	N/A
Fire door insulation	P301-P303	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Plaster walls	P401-P403	None detected	Previously sampled	Not observed- All walls within this building are brick and concrete, perimeter and drywall dividing walls	N/A	N/A	N/A
Roofing materials and mastics	Assumed	Assumed	Material not sample to avoid damage	Roof	8,000 sq. ft.	No	No

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Barnum Hall

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Fireproofing	5275	None detected	Storage room 1-ceiling center	Columns and beams in first floor room 1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Fireproofing	5276	None detected	Storage room 1-northwest corner	Columns and beams in first floor room 1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Fireproofing	5277	None detected	Storage room 1-south wall center	Columns and beams in first floor room 1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Fireproofing	5278	None detected	Storage room 2-northwest corner	Columns and beams in first floor room 1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Fireproofing	5279	None detected	Storage room 2-southwest corner	Columns and beams in first floor room 1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Joint compound	5280	None detected	Office 1- east wall center	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
Joint compound	5281	None detected	Storage 3-Southwest corner	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
Joint compound	5282	None detected	Room 19-northwest corner	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
Drywall	5283	None detected	Office 1-east wall center	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
Composite drywall with joint compound	5284	None detected	Office 1-east wall center	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
12"x12" orange floor tile with adhesive	5285	None detected	Office 1-south entrance	Basement room 10, 11, 14, 15, 4, hallway 1 and 2, first floor rooms: elevator lobby, room 1, walkway 1 and 2, office 1 and 2	6,000 sq. ft.	No	No

***MATERIAL INVENTORY
ASBESTOS***

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Page 1 of 1

Santa Monica High School- Speech Building

Note: This building was not located during this inspection

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Barnum Hall

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Green carpet glue	5286	None detected	First floor hall-by office 1	First floor hall, mezzanine level lobby, balcony	9,000 sq. ft.	No	No
4" green cove base with adhesive	5287	None detected	Walkway 1-south center	Basement room 10, 11, 14, 15, 4, hallway 1 and 2, first floor elevator lobby, storage room 1 and 2, walkway 1 and 2, office 1 and 2, mezzanine lobby, balcony	1,000 ln. ft.	No	No
12"x12" fissured ceiling tile	5288	None detected	Basement hallway 2-southwest corner	Basement hallway 2, first floor elevator lobby	500 sq. ft.	Yes	No
Duct sealant	5289	None detected	Mezzanine level- crawlspace under balcony center	Mezzanine level- crawlspace under balcony on HVAC ducting	20 sq. ft.	No	No
Stucco	5290	None detected	Exterior lobby west center	Exterior walls	10,000 sq. ft.	No	No
Smooth plaster	5291	None detected	Mezzanine level 1 men's restroom northwest corner	First floor walkway 1 and 2, hall, men's and women's restroom, lobby, mezzanine level men's and women's restroom, closet 1 and 2, balcony	4,800 sq. ft.	No	No
Ceiling tile and mastic	N/A	Assumed	Not sampled material intact	Basement hallway 2, first floor elevator lobby	500 sq. ft.	No	No
Gray multicolored carpet and glue	N/A	Assumed	New material	Basement room 19 and 20	300 sq. ft.	No	No
6" black cove base with adhesive	N/A	Assumed	New material	Basement room 19 and 20	150 ln. ft.	No	No
Smooth plaster wall	SM0101-SM0104	None detected	Previously sampled	First floor walkway 1 and 2, hall, men's and women's restroom, lobby, mezzanine level men's and women's restroom, closet 1 and 2, balcony	4,800 sq. ft.	No	No

CLIENT: Santa Monica Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Santa Monica High School

Santa Monica High School- Barnum Hall

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Rough plaster wall and ceiling	SM0201-SM0207	None detected	Previously sampled	Basement electrical room 2, room 10, 11, 14, 15, 4, hallway 1 and 2, girls restroom, boys restroom, first floor, elevator lobby, storage 2, room 1, storage 4, lobby, janitors closet, hall, office 1, 2, mezzanine lobby, balcony	20,000 sq. ft.	No	No
Electrical wire insulation	SM0301-SM0304	60% Chrysotile	Previously sampled	On stage and portable lights	10 ln. ft.	No	No
Light fixture gaskets	SM0401-SM0403	60% Chrysotile	Previously sampled	Attic space above hall	10 ln. ft.	No	No
Plaster beam covering	SM0501-SM0503	None detected	Previously sampled	Balcony level	300 sq. ft.	No	No
Silver roof material	SM0701-SM0703	None detected	Previously sampled	Material not inspected roof	N/A	N/A	N/A
Exterior stucco	SM1001-SM1003	None detected	Previously sampled	Exterior walls	10,000 sq. ft.	No	No
Window putty	SM1101-SM1103	None detected-3% Chrysotile	Previously sampled	Exterior windows	200 ln. ft.	No	No
Domestic hot water pipe insulation	SM1201	N/A	Previously sampled	Not observed during this inspection	N/A sq. ft.	No	No
Duct tape on HVAC unit	SM0601-SM0603	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Roofing materials and mastics	Assumed	Assumed	Material not sample to avoid damage	Roof	8,000 sq. ft.	No	No
Mural fire curtain	Assumed	Assumed	N/A	Stage	1,500 sq. ft.	Yes	No

APPENDIX B
LABORATORY ANALYSIS REPORT



AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

February 8, 2008

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 908021149
P.O. #107-0008
107-0008; S.M. High Art Bldg.

Dear C. Ruvalcaba:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

5249, 5250, 5251, 5252, 5253, 5254, 5255, 5256, 5257, 5258, 5259, 5260, 5261, 5262, 5263, 5264, 5265, 5266, 5267, 5268, 5269, 5270, 5271, 5272, 5273, 5274

The 26 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,


Mary S. David
Client Services Manager



AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/06/08 **AmeriSci Job #** 908021149
Date Examined 02/07/08 **P.O. #**
Page 1 of 6
RE: 107-0008; S.M. High Art Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5249 Location: Sand Plaster Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-01	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5250 Location: Sand Plaster Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-02	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5251 Location: Sand Plaster Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-03	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5252 Location: Sand Plaster Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-04	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5253 Location: Sand Plaster Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-05	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08

PLM Bulk Asbestos Report

107-0008; S.M. High Art Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5254 Location: Sand Plaster Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-06	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5255 Location: Sand Plaster Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-07	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5256 Location: Jt. Comp. Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-08	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5257 Location: Jt. Comp. Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-09	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5258 Location: Jt. Comp. Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-10	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5259 Location: Jt. Comp. Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021149-11	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08

PLM Bulk Asbestos Report

107-0008; S.M. High Art Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5260 Location: Jt. Comp.	908021149-12	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5261 Location: Drywall	908021149-13	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White/Brown, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 15 %, Non-fibrous 85 %			
5262 Location: Composite Drywall W/Comp.	908021149-14	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5263 Location: 12" X 12" Random Pinhole Ceiling Tile W/Glue	908021149-15L1	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Ceiling Texture			
Asbestos Types:			
Other Material: Cellulose 90 %, Non-fibrous 10 %			
5263 Location: 12" X 12" Random Pinhole Ceiling Tile W/Glue	908021149-15L2	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5264 Location: 2' X 4' Fissured Ceiling Panels	908021149-16	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 30 %, Fibrous glass 20 %, Non-fibrous 50 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; S.M. High Art Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5265 Location: 12" X 12" B. Floor Tile W/Adhesive Analyst Description: Dark Blue, Homogeneous, Non-Fibrous, Flooring Asbestos Types: Other Material: Non-fibrous 100 %	908021149-17L1	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5265 Location: 12" X 12" B. Floor Tile W/Adhesive Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021149-17L2	No	NAD ¹ (by CVES) by Olga K. Katsuk on 02/08/08
5266 Location: 4" Black Covebase W/Adhesive Analyst Description: Black, Homogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %	908021149-18L1	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5266 Location: 4" Black Covebase W/Adhesive Analyst Description: Off-White, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021149-18L2	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5267 Location: Button Board Analyst Description: White/Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 50 %, Non-fibrous 50 %	908021149-19	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
5268 Location: Vibration Reducer Analyst Description: Black/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 60 %, Non-fibrous 40 %	908021149-20	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08

See Reporting notes on last page

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; S.M. High Art Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5269 Location: Duct Wrapping	908021149-21	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Beige, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 95 %, Non-fibrous 5 %			
5270 Location: F. T.S.I	908021149-22	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 80 %, Non-fibrous 20 %			
5271 Location: 4" Diameter Pipe T.S.I	908021149-23	Yes	20 % (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 10.0 %, Amosite 10.0 %			
Other Material: Cellulose 20 %, Non-fibrous 60 %			
5272 Location: 4" Diameter Pipe Elbow T.S.I	908021149-24	Yes	5 % (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 5.0 %			
Other Material: Cellulose 20 %, Fibrous glass 15 %, Non-fibrous 60 %			
5273 Location: Stucco	908021149-25	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5274 Location: Window Putty	908021149-26	Yes	Trace (<1 %) (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types: Chrysotile <1. %			
Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; S.M. High Art Bldg.

Reporting Notes:

(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible)

Analyzed By: Olga K. Katsuk [Signature]; Date Analyzed: 2/7/2008 2/8/08

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP Lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: [Signature] 2/9/08

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMP USF
 PROJECT NO.: 107-008
 PROJECT NAME: Santa Monica High - Art Bldg

Technician: F. Puvion
 Date: 3/1/08
 Page: 1 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Seal Plaster	5249	Rm 102 - North west Corner	Rm 107, 107, 105, 103, 101, Storage 1, 2, 3, 012, 012A, 010A, 010B, Park Rm, 011, 013, 013A, 014, 014A, 014	6200 sq. ft.	P	P
		5250	Rm 014A - East wall Corner				
		5251	Rm 101 - East Wall Center				
		5252	Rm 012 - North west Corner				
		5253	Rm 012 - North East Corner				
		5254	Rm 105 - North west Corner				
		5255	Storage 3 - South West corner				
	IT Comp	5256	Rm 012 - North East corner	Rm 012, 012A, 010A, 010B, Park Rm, 011, 013, 013A, 014, 014A	1800 sq. ft.	P	P
		5257	Rm 013A - North west Corner				
		5258	Rm 010B - North west Corner				

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: S.M. LUSD
 PROJECT NO.: 107-0008
 PROJECT NAME: Santa Monica High - Art Bldg

Technician: F. Puvion-Cuba
 Date: 2/1/08
 Page: 2 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Jt. Comp	5259	Rm 014A - South West Corner		1800 sq. ft.	P	P
		5260	Rm 014 - South East Corner				
	Drywall	5261	Rm 012 - North East Corner				
	Comp Resin - Drywall w/ Jt. Comp	5262	Rm 012 - North East Corner				
	12"x12" Random Porcelain Ceiling tile w/ Glue	5263	Rm 013A - North West Corner	Rm 107, 102, 105, 103, 101, Storage 1, 3, 3, 012, 012A, 010B, 010B, Park Rm, 013, 013A, 014	5000 sq. ft.	Y	N
	2'x4' Fissured Ceiling panels	5264	Rm 012 - Center Ceiling - Center	Rm 012	1000 sq. ft.	P	P
	1"x12" Blue Floor Tile w/ Adhesive	5265	Rm 105 - South East Corner	Rm 107, 102, 105, 103, 101, Storage 1, 2, 3, 012, 012A, 010A, 010B, 013, 013A, 014, 014A	4000 sq. ft.	N	P
	4" Black Concrete w/ Adhesive	5266	Rm 102 - North West Corner	Rm 107, 102, 105, 103, 101, Storage 1, 2, 3, 012, 012A, 010A, 010B, 013, 013A, 014, 014A	1000 sq. ft.	N	N
	Button Board	5267	Storage Rm 2 - Attic Space West Center	Under Plaster (See Samples # 5249, 5255) for material locations	6200 sq. ft.	N	N
	Vibration Pad	5268	Storage Rm 2 - Attic Space - on HVAC units	2nd Floor Attic Space on HVAC units at Seams	5 sq. ft.	N	N

FIELD BULK SAMPLE LIST

CLIENT: SMMUSD Technician: F. Ruvalec

PROJECT NO.: 107-0008

Date: 1/1/08

PROJECT NAME: Santa Monica High - Art Buildings

Page: 3 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Duct wrapping (cloth type)	5269	Rm 011 - Center - on HVAC Ducting	Rm 011 - (On Fiberglass insulated Pipes)	50 sq. ft.	N	P
	Insulation Furnace T.S.F. (light & fluffy)	5270	Rm 013A - Center At Furnace Hood	Rm 013A - Living Furnace Hood	50 sq. ft.	Y	Y
	4" Diameter P.P. Pipe T.S.F.	5271	Rm Storage Rm 2 - Attic Space Center	2nd floor Attic space - throughout	120 in. ft.	Y	P
	4" Diameter Pipe Elbow T.S.F.	5272	Storage Rm 2 - Attic Space Center	↓	10 Elbows	Y	N
	Stucco	5273	Rm 107 - North West Corner	Exterior walls	4800 sq. ft.	N	P
	Window Slaty	5274	Rm 107 - Northwest Corner	Exterior windows	150 in. ft.	↓	↓
	Asbestos Contaminated Paneling	As-snd	Not Sample Material Intact	Rm 013A Living Furnace Hood	20 sq. ft.	N	N
	Asbestos Contaminated Paneling	As-snd	Material Not Inspected - Roof		-	-	-
	Machinist Burrs & Pins	As-snd	Not Sample Material Intact	Exterior walls under Stucco	4000 sq. ft.	N	P
	Chalkboard Master	↓	↓	Rm 105, 103, 102, 101, 014	200 sq. ft.	N	N
	Carb Guard Master	↓	↓	↓	200 sq. ft.	↓	↓



AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

February 7, 2008

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 908021145
P.O. #32145
107-0008; S.M High Admin Bldg.

Dear C. Ruvalcaba:

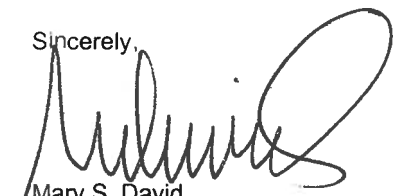
Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

5187, 5188, 5189, 5190, 5191, 5192, 5193, 5197, 5198, 5199, 5200, 5201, 5202, 5203, 5204, 5205, 5206, 5207, 5208, 5209, 5210, 5211, 5212, 5213, 5214, 5215, 5216, 5217, 5218, 5219, 5220, 5221, 5222, 5223, 5224, 5225, 5226, 5227

The 38 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,



Mary S. David
Client Services Manager

Boston - Los Angeles - New York - Richmond





AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/06/08 **AmeriSci Job #** 908021145
Date Examined 02/07/08 **P.O. #** 32145
Page 1 of 10
RE: 107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5187 Location: Sand Plaster Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %	908021145-01	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5188 Location: Sand Plaster Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %	908021145-02	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5189 Location: Sand Plaster Analyst Description: Off-White / Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %	908021145-03	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5190 Location: Sand Plaster Analyst Description: Off-White / Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %	908021145-04	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5191 Location: Sand Plaster Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %	908021145-05	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08

PLM Bulk Asbestos Report

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5192 Location: Sand Plaster Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %	908021145-06	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5193 Location: Sand Plaster Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %	908021145-07	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5197 Location: Jt. Comp. Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %	908021145-08	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5198 Location: Jt. Comp. Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %	908021145-09	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5199 Location: Jt. Comp. Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %	908021145-10	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5200 Location: Jt. Comp. Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Chrysotile 3.0 % Other Material: Non-fibrous 97 %	908021145-11	Yes	3 % (by CVES) by Arturo A. Aldana on 02/07/08

PLM Bulk Asbestos Report

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5201 Location: Drywall	908021145-12	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: White/Brown, Heterogeneous, Fibrous, Drywall Asbestos Types: Other Material: Cellulose 8 %, Non-fibrous 92 %			
5202 Location: Drywall	908021145-13	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: White/Brown, Heterogeneous, Fibrous, Drywall Asbestos Types: Other Material: Cellulose 27 %, Fibrous glass Trace, Non-fibrous 73 %			
5203 Location: Drywall	908021145-14	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: White/Brown, Heterogeneous, Fibrous, Drywall Asbestos Types: Other Material: Cellulose 14 %, Fibrous glass Trace, Non-fibrous 86 %			
5204 Location: Composite - Drywall W/Jt. Comp.	908021145-15	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: White/Brown, Heterogeneous, Fibrous, Drywall / Joint Compound Asbestos Types: Other Material: Cellulose 4 %, Fibrous glass Trace, Non-fibrous 96 %			
5205 Location: Composite - Drywall W/Jt. Comp.	908021145-16	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: White/Brown, Heterogeneous, Fibrous, Drywall / Joint Compound Asbestos Types: Other Material: Cellulose 7 %, Fibrous glass Trace, Non-fibrous 93 %			
5206 Location: 2'X4' Fissured Ceiling Panel	908021145-17	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Beige, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 37 %, Fibrous glass 3 %, Non-fibrous 60 %			

PLM Bulk Asbestos Report

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5207	908021145-18L1 Location: 12" X 12" Fissured Ceiling Tile W/Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Off-White / Grey, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 8 %, Fibrous glass 31 %, Non-fibrous 61 %			
5207	908021145-18L2 Location: 12" X 12" Fissured Ceiling Tile W/Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %			
5208	908021145-19L1 Location: 12" X 12" Random Pinhole Ceiling Tile W/Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Brown/White, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 55 %, Non-fibrous 45 %			
5208	908021145-19L2 Location: 12" X 12" Random Pinhole Ceiling Tile W/Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
5209	908021145-20L1 Location: 12" X 12" White Floor Tile W/Adhesive	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
5209	908021145-20L2 Location: 12" X 12" White Floor Tile W/Adhesive	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Adhesive Asbestos Types: Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5210 Location: 12" X 12" Lt. Blue Floor Tile W/Adhesive Analyst Description: Light Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %	908021145-21L1	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5210 Location: 12" X 12" Lt. Blue Floor Tile W/Adhesive Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Adhesive Asbestos Types: Other Material: Non-fibrous 100 %	908021145-21L2	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5211 Location: 12" X 12" Ocean Blue Floor Tile W/Adhesive Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %	908021145-22L1	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5211 Location: 12" X 12" Ocean Blue Floor Tile W/Adhesive Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Adhesive Asbestos Types: Other Material: Non-fibrous 100 %	908021145-22L2	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5212 Location: 12" X 12" Blue Floor Tile W/Mastic Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 % Comment: No mastic	908021145-23	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5213	908021145-24L1	No	NAD
Location: 9" X 9" Brown Floor Tile W/Mastic Under Carpets			(by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5213	908021145-24L2	Yes	3 %
Location: 9" X 9" Brown Floor Tile W/Mastic Under Carpets			(by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Yellow/Black, Heterogeneous, Non-Fibrous, Mastics			
Asbestos Types: Chrysotile 3.0 %			
Other Material: Non-fibrous 97 %			
5214	908021145-25L1	Yes	4 %
Location: 9" X 9" Brown Floor Tile W/Mastic			(by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types: Chrysotile 4.0 %			
Other Material: Non-fibrous 96 %			
5214	908021145-25L2	Yes	4 %
Location: 9" X 9" Brown Floor Tile W/Mastic			(by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types: Chrysotile 4.0 %			
Other Material: Non-fibrous 96 %			
5215	908021145-26L1	Yes	4 %
Location: Tan Floor Tile W/Mastic Under Carpets			(by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types: Chrysotile 4.0 %			
Other Material: Non-fibrous 96 %			
5215	908021145-26L2	Yes	2 %
Location: Tan Floor Tile W/Mastic Under Carpets			(by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types: Chrysotile 2.0 %			
Other Material: Non-fibrous 98 %			

PLM Bulk Asbestos Report

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5215 Location: Tan Floor Tile W/Mastic Under Carpets	908021145-26L3	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
5216 Location: White Floor Tile W/Mastic Under Floor Tile	908021145-27L1	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Light Grey, Heterogeneous, Non-Fibrous, Leveling Compound Asbestos Types: Other Material: Non-fibrous 100 %			
5216 Location: White Floor Tile W/Mastic Under Floor Tile	908021145-27L2	Yes	2 % (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Chrysotile 2.0 % Other Material: Non-fibrous 98 %			
5216 Location: White Floor Tile W/Mastic Under Floor Tile	908021145-27L3	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
5217 Location: Brown Floor tile W/mastic Under Carpets	908021145-28L1	Yes	5 % (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Chrysotile 5.0 % Other Material: Non-fibrous 95 %			
5217 Location: Brown Floor tile W/mastic Under Carpets	908021145-28L2	Yes	4 % (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Chrysotile 4.0 % Other Material: Non-fibrous 96 %			

PLM Bulk Asbestos Report

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5217 Location: Brown Floor tile W/mastic Under Carpets	908021145-28L3	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5218 Location: Black Residual Flooring	908021145-29	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Flooring			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5219 Location: 4" Black Cove Base W/Adhesive	908021145-30L1	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5219 Location: 4" Black Cove Base W/Adhesive	908021145-30L2	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5219 Location: 4" Black Cove Base W/Adhesive	908021145-30L3	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Dark Brown, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5220 Location: 6" Black Cove Base W/Adhesive	908021145-31L1	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Black/Grey, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5220 Location: 6" Black Cove Base W/Adhesive Analyst Description: Brown, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021145-31L2	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5221 Location: Grey Carpet Glue Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021145-32	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5222 Location: Grey Carpet Blue W/Black Residual Mastic Analyst Description: Black/Yellow, Heterogeneous, Non-Fibrous, Mastics Asbestos Types: Chrysotile 3.0 % Other Material: Non-fibrous 97 %	908021145-33	Yes	3 % (by CVES) by Arturo A. Aldana on 02/07/08
5223 Location: Brown Multi Colored Carpet Glue Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021145-34	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5224 Location: Button Board Analyst Description: White/Brown, Heterogeneous, Fibrous, Drywall Asbestos Types: Other Material: Cellulose 22 %, Non-fibrous 78 %	908021145-35	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5225 Location: Exterior Patching Compound Analyst Description: Grey, Heterogeneous, Fibrous, Sealant Asbestos Types: Chrysotile 7.0 % Other Material: Non-fibrous 93 %	908021145-36	Yes	7 % (by CVES) by Arturo A. Aldana on 02/07/08

PLM Bulk Asbestos Report

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5226 Location: Window Putty	908021145-37	Yes	2 % (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Window Putty Asbestos Types: Chrysotile 2.0 % Other Material: Non-fibrous 98 %			
5227 Location: Stucco	908021145-38	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed By: Arturo A. Aldana ataeda; Date Analyzed: 2/7/2008 27-08

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: John 2/8/08



Asbestos, Lead Analysis Chain of Custody

AMERISCI LOS ANGELES
 24416 S Main St. Suite 308
 Carson, CA 90745
 Phone (310) 834-4868
 Fax (310) 834-4772

AMERISCI JOB #:
908021145

COMPANY: CTL	ADDRESS:	P.O.#: 32145								
PROJECT INFORMATION	ANALYSIS TYPE	TURNAROUND TIME								
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>RUSH</th> <th>24 HR</th> <th>48 HR</th> <th>72 HR</th> <th>5 DAY</th> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">X</td> <td></td> </tr> </table>	RUSH	24 HR	48 HR	72 HR	5 DAY			
RUSH	24 HR	48 HR	72 HR	5 DAY						
			X							
JOB NAME: S.M. High Admin Bldg	ASBESTOS TEM AHERA	AIR FILTER INFORMATION:								
JOB NUMBER: 127-0008	ASBESTOS PLM BULK		MCE							
JOB MANAGER: C. Kwan	ASBESTOS PCM AIR	PC								
JOB DESCRIPTION:	ASBESTOS PLM 1000 P.C.	25 mm								
	LEAD AIR	37 mm								
	LEAD WIPE	0.45 um								
	LEAD PAINT / SOLID	0.80 um								
	OTHER:	TEMP:								
		OTHER:								

INITIAL RESULTS DELIVERY: FAX EMAIL VERBAL MAIL ONLY

REPORTS TO: _____ PHONE: _____

INVOICE TO: _____ FAX: _____

COMMENTS: _____ EMAIL: _____

PAGER/CELL: _____

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X	LITERS /MIN.	TOTAL VOLUME	AREA SQUARE FT
5210	12"x12" Lt. Blue floor tile w/ Adhesive						
11	12"x12" Ocean Blue floor tile w/ Adhesive						
12	12"x12" Blue floor tile w/ Adhesive						
13	9"x9" Tan floor tile w/ Mortar						
17	9"x9" Brown floor tile w/ Mortar						
15	Tan floor tile w/ Mortar (under carpet)						
16	White floor tile w/ Mortar						
17	Brown floor tile w/ Mortar (under floor tile)						
18	Black Residual flooring						
19	4" Black base w/ Adhesive						
20	6" Black concrete w/ Adhesive						
21	Grey Carpet Glue						
22	Grey Carpet Glue w/ Black Residual Mortar						
23	Brown Multi Colored Carpet Glue						
21	Butter Board						
25	Exterior Patching Compound						
26	Window Putty						
27	Stucco						

SAMPLED BY:	DATE/TIME: 1/31/08	RECEIVED BY: _____	DATE/TIME: _____
RELINQUISHED BY:	DATE/TIME: 2/6/08	RECEIVED BY: _____	DATE/TIME: _____
RELINQUISHED BY: _____	DATE/TIME: _____	RECEIVED IN LAB BY: S. S. S. @ 14:00	DATE/TIME: _____

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SJMUSD Technician: F. Ruvalcaba
 PROJECT NO.: 107-008 Date: 1/3/09
 PROJECT NAME: San Mateo High - Admin Bldg Page: 1 of 5

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Sand Plaster	5187	Lobby 2 - SW corner	Attendance office, Electrical Rm, Lounge, Lobby 1 & 2, Viking Bar, Custodian Rm, Staff Mens & Womans RL	11000 54 ft	N	N
		5188	Rm 501 - North West corner	Hallway 1, 2, 13; Rms 103C, 103D, 102, 101, 103 A, B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506,			
		5189	Rm 300A - North East corner	505, 504, 503, 502, 501, 405, 402, 401, 401 Closet, 401 RL, 300A & B; 203, 203A, 201, 204RL, 205, 205RL			
		5190	Rm 201 - North West corner	200A, 200, 202, 201			
		5191	Rm 511 - North East corner				
		5192	Rm 201 - South center				
		5193	Rm 205 - South East corner				
			Rm 204 - North West corner				
	JF Compound		Rm 200 - South West corner				

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMJMSD Technician: F. Fuvalecabe
 PROJECT NO.: 107-0008 Date: 1/31/08
 PROJECT NAME: San Juan Maria High - Administration Building Page: 2 of 2

HOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	IT Compound	5197	Rm 103E - North center	Staff Women: Rf 9 Mens Rf, R-200A, 200, 103C, 103D, 103A, 103B, 103E, 103F, Hallway 3, Lobby 1, R-5 515-501,	950 sq.ft	N	N
		5198	Hallway 3 by Room 103A				
		5199	Staff Mens RR- 5' S. OF N.W. corner				
*		5200	Vikes Inn ceiling N.E.	Above 12" Random Rubide Ceiling tile - Rm 203, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 101, 103A, 103B, 405, 402, 401, 401 closet; Rf; Vikes Inn, Corridor R-, Electrical R-,	2300 sq.ft	N	N
	Drywall	5201	Vikes Inn - Ceiling N.E.				
	Drywall	5202	Hallway 1 S.W. Above	Above 12" Random Ceiling tile - Hallway 1, 2, 3	1800 sq.ft	N	N
		5203	Rm 103D - West center	Staff Women: Rf 9 Mens Rf, R-200A, 200, 103A, 103B, 103C, 103D, F, Hallway 3, Lobby 1, R-5 515-501	950 sq.ft	N	N
	Composite Drywall w/ IT compound	5204	Rm 103D - West center				
		5205	Vikes Inn's - North East ceiling	*See Samples 5200-5201 for Material Location	2300 sq.ft	N	N
	2 1/4" Fissured ceiling Panel	5206	Rm 200 - ceiling center	Rm 200A, 200, Attendance office, Lobby 1, R-515-501, Lobby 2	1900 sq.ft	Y	N

* - Additional Samples were not taken due to Ceiling tile being intact

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: S.H. MusD PROJECT NO.: 107-0008 PROJECT NAME: Santa Monica High - Admin Building
 Technician: F. Puvulceba Date: 10/31/08 Page: 3 of 5

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12x12" Fisured Ceiling Tile w/ Glue	5207	Hallway 1 South west corner	<p>↳ 207, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 1021, 101, 103, 103, A, B, C, D, E, F, 405, 402, 401, 401 closet, 402, Viking, Kitchen</p> <p>↳ Custodian Rm Electrical Rm</p>	2300 sq. ft.	Y	N
	12x12" Random Pinhole C.T. w/ Glue	5208	Vikes Inn NorthEast corner	Hallway 1 (1, 2, 3)	1800 sq. ft.	Y	P
	12x12" White speckled Floor tile w/ Adhesive	5209	Hallway 1 - 10' East of North West corner	Viking Inn, Rm 200A, 200, Hallway 1, 2, 3, Rm 103C, 103D, 101A, B, E, F	800 sq. ft.	N	N
	12x12" Lt. Blue Floor Tile w/ Adhesive	5210	Hallway 1 - 10' E of Northwest corner	Production	2500 sq. ft.	N	N
	12" Ocean Blue F.T. w/ Adhesive	5211	Rm 203A - South west corner	Rm 203, 203A, 204, 205	400 sq. ft.	N	N
	12" Blue F.T. w/ Adhesive	5212	Rm 101 North center	↳ Lounge	100 sq. ft.	N	N
	9" Tan Floor Tile w/ Mastic	5213	Rm 300B - center	Rm 300B	10 sq. ft.	N	N
	9" Brown Floor Tile w/ Mastic	5214	Rm 300A - South West corner	Rm 300B, Electrical Rm, R-101, 405, 401 closet	300 sq. ft.	N	N
	Tan Floor Tile w/ Mastic (under Brown lavas)	5215	Rm 102 - Northwest corner	Rm 102	100 sq. ft.	N	N
	White Floor Tile (under Gray carpet)	5216	Rm 202 North center At Entrance	Rm 202, 201, Attendance Office, Rm 115-101, Lobby, 402, 401	2000 sq. ft.	N	N

* Material location and quantity was Reversed

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMAUSD
 PROJECT NO.: 167-0008
 PROJECT NAME: Santa Monica High - Admin Bldg

Technician: F. Ruvalec
 Date: 1/3/08
 Page: 4 of 5

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Brown Floor Tile (Under Floor Tile)	5217	Rm 200 by Rm 202	Under floor tile in Rms. 200A, 200, 103C, 103D, 103A, 103B, 103 E, F, Vikings Inn Hallway 1, 2, 3	3300 sq. ft.	N	N
	Black Residual Flooring	5218	Rm-101 North west corner	Rm-101 - (on 9" floor tile)	50 sq. ft.	N	N
	4" Black coverbase w/ Adhesive	5219	Rm 102- North center	Rm-102	15 in. ft.	N	N
	6" Black coverbase w/ Adhesive	5220	Vikings Inn - 4' N.O.F Southeast corner	Vikings Inn, 200A, Custodial - Rm 203, 203A, 204, 205, 200A, 200, 202, 201, Hallway 1, 2, 3, Attendance Office, Electrical Rm, 103A, 6, 10, 11, 102, 101, Lounge, lobby 1 & 2, E-515-501, 405, 402, 401, 404, 404	2500 in. ft.	N	N
	Grey Carpet Glue	5221	Rm 202 - at North Entrance Lobby 1 - center	Rm 202, 201, Attendance office, Rm 515-501, Lobby 2, 402, 401 Lobby 1	2000 sq. ft.	N	N
	Grey carpet glue w/ Black Residual mastic	5222	Rm 102 Northwest corner	Rm 102,	450 sq. ft.	N	N
	Brown Multi colored Carpet glue	5223	Custodial Closet - Above ceiling - West Center	See Samples 5187-5193 for Material locations	1000 sq. ft.	N	N
	Buckton Board	5224	Vikings Inn - Entrance - North West -	Entrance - Around Door Casings and window Casings At Vikings Inn West Doors & windows	60 in. ft.	N	N
	Extra Patching to be completed	5225	Entrance - West Entrance - to Hallway 1	All Entrance windows	150 in. ft.	N	N
	W.M.B. - Putty	5226				N	N



AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

February 7, 2008

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 908021143
P.O. #32145
107-0008; S.M High Business Bldg.

Dear C. Ruvalcaba:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

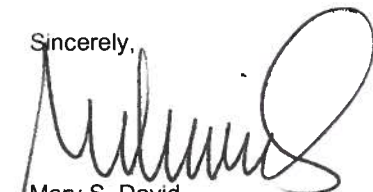
5228, 5229, 5230, 5231, 5232, 5233, 5234, 5235, 5236, 5237, 5238, 5239, 5240, 5241, 5242, 5243, 5244, 5245, 5246, 5247, 5248

The 21 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,



Mary S. David
Client Services Manager

Boston - Los Angeles - New York - Richmond





AmeriSci Los Angeles

24416 S. Main Street, Ste 308

Carson, California 90745

TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/06/08 **AmeriSci Job #** 908021143
Date Examined 02/07/08 **P.O. #** 32145
Page 1 of 5
RE: 107-0008; S.M High Business Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5228 Location: Sand Plaster	908021143-01	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5229 Location: Sand Plaster	908021143-02	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5230 Location: Sand Plaster	908021143-03	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5231 Location: Sand Plaster	908021143-04	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5232 Location: Sand Plaster	908021143-05	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; S.M High Business Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5233 Location: Sand Plaster Analyst Description: Tan, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021143-06	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5234 Location: Sand Plaster Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021143-07	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5235 Location: Jt. Comp. Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021143-08	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5236 Location: Jt. Comp. Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021143-09	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5237 Location: Jt. Comp. Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021143-10	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5238 Location: Jt. Comp. Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021143-11	No	NAD (by CVES) by Paola Ducoing on 02/07/08

PLM Bulk Asbestos Report

107-0008; S.M High Business Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5239 Location: Jt. Comp.	908021143-12	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5240 Location: Drywall	908021143-13	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: White/Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20 %, Fibrous glass 2 %, Non-fibrous 78 %			
5241 Location: Composite Drywall W/JT Comp.	908021143-14	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige/Brown, Heterogeneous, Fibrous, Composite Asbestos Types: Other Material: Cellulose 8 %, Non-fibrous 92 %			
5242 Location: 12" X 12" Blue Floor Tile W/Ahdesive	908021143-15L1	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
5242 Location: 12" X 12" Blue Floor Tile W/Ahdesive	908021143-15L2	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %			
5243 Location: 12" X 12" White Speckled Floor Tile W/Adhesive	908021143-16L1	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; S.M High Business Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5243 Location: 12" X 12" White Speckled Floor Tile W/Adhesive Analyst Description: Yellow, Homogeneous, Fibrous, Mastic Asbestos Types: Other Material: Cellulose 3 %, Synthetic fibers 2 %, Non-fibrous 95 %	908021143-16L2	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5244 Location: 4" Black Cove Base W/Adhesive Analyst Description: Dark Grey, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %	908021143-17L1	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5244 Location: 4" Black Cove Base W/Adhesive Analyst Description: Cream, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021143-17L2	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5245 Location: 12" X 12" Random Pinhole Ceiling Tile W/Glue Analyst Description: White/Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 25 %, Fibrous glass 35 %, Non-fibrous 40 %	908021143-18	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5246 Location: 2" X 4" Fissured Ceiling Panels Analyst Description: Brown/Tan, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 40 %, Non-fibrous 60 %	908021143-19	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5247 Location: Window Putty Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <1. % Other Material: Non-fibrous 100 %	908021143-20	Yes	Trace (<1 %) (by CVES) by Paola Ducoing on 02/07/08


Client Name: CTL Environmental Services

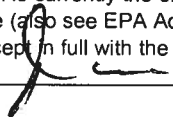
PLM Bulk Asbestos Report

107-0008; S.M High Business Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5248 Location: Stucco	908021143-21	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed By: Paola Ducoing ; Date Analyzed: 2/7/2008 2/7/08
 *NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:  2/8/08



Asbestos, Lead Analysis Chain of Custody

AMERISCI LOS ANGELES
 24416 S Main St. Suite 308
 Carson, CA 90745
 Phone (310) 834-4868
 Fax (310) 834-4772

AMERISCI JOB #: **908021143**

COMPANY: CTL		ADDRESS:					P.O.#: 32195	
PROJECT INFORMATION		ANALYSIS TYPE		TURNAROUND TIME			AIR FILTER INFORMATION:	
JOB NAME: Sherwood S.H. - High Business Bldg		ASBESTOS TEM AHERA		RUSH	24 HR	48 HR	72 HR	5 DAY
JOB NUMBER: 107-0008		ASBESTOS PLM BULK					<input checked="" type="checkbox"/>	
JOB MANAGER: C. Ruvalcaba		ASBESTOS PCM AIR						MCE
JOB DESCRIPTION:		ASBESTOS PLM 1000 P.C.						PC
		LEAD AIR						25 mm
		LEAD WIPE						37 mm
		LEAD PAINT / SOLID						0.45 um
		OTHER:						0.80 um
								TEMP:
								OTHER:

INITIAL RESULTS DELIVERY: FAX EMAIL VERBAL MAIL ONLY

REPORTS TO: _____ PHONE: _____

INVOICE TO: _____ FAX: _____

COMMENTS: _____ EMAIL: _____

PAGER/CELL: _____

RETURN SAMPLES Yes _____

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X LITERS /MIN.	TOTAL VOLUME	AREA SQUARE FT	
5228	Send Plaster						
29							
30							
31							
32							
33							
34							
35		Jt. Comp					
36							
37							
38							
39							
40	Drywall						
41	Composite-Dry wall w/ Jt. Comp.						
42	12"x12" Blue Glass tile w/ Adhesive						
43	12"x12" White speckled Glass tile w/ Adhesive						
44	4" Black Cove base w/ Adhesive						
45	12"x12" Random Pinkish Ceiling tile w/ Glue						
46	2'x4' Fiberglass Ceiling tile Panels						
47	Window Putty						

SAMPLED BY: <i>[Signature]</i>	DATE/TIME: 1/16/08	RECEIVED BY: <i>[Signature]</i>	DATE/TIME: 1/16/08
RELINQUISHED BY: <i>[Signature]</i>	DATE/TIME: 2/6/08	RECEIVED BY: <i>[Signature]</i>	DATE/TIME: 2/16/08 01450
RELINQUISHED BY:	DATE/TIME:	RECEIVED IN LAB BY:	DATE/TIME:

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD
 PROJECT NO.: 107-008
 PROJECT NAME: Santa Monica High School - Business Building

Technician: F. Roubicek
 Date: 1/4/08
 Page: 1 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Sand Plaster	5228	Basement Rm 10 - North East Corner	Basement Rm 10; 1 st floor Rms: 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110A, 109, 110, 111, 120, 115, 122, 124, 126, 126A, 126B Hallway, Men's Staff Rm, office 1	25000 sq. ft.	N	D
		5229	2 nd Floor Rm 205 - East Wall Center				
		5230	1 st Floor Rm 100 - Ceiling 7' Point of South East Corner	2 nd floor Rms: 200, 200A, 201, 202, 205, 209, 206, 207, 204A, office 2, Girls Rm, 126B			
		5231	2 nd Floor Rm - 208 - East Wall - Center	Note: Water Damage causing plaster to become brittle in various locations			
		5232	1 st Floor Office 1 - North East Corner				
		5233	1 st Floor Hallway - by Rm 102 - South Center				
		5234	1 st Floor - Rm 115 - North East Corner				
	At. Lump	5235	1 st Floor Rm 111A - North East Corner	Basement Rm 10; 1 st floor Rms: 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 RR, 2 nd floor Rms: 200, 200A, 201, 202, 205, 209, 206, 207	3000 sq. ft.	N	D
		5236	1 st Floor Office 1 - South Wall Center				
		5237	1 st Floor Rm 106 - S' Path at South East Corner				

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

Client: GMUSD
 Technician: F. Ruvalcaba
 Project No.: 107-008
 Date: 1/4/08
 Project Name: Santa Monica High - Business Bldg
 Page: 2 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Jct. Corp	5238	2 nd floor - Rm 205 - North West Corner		3000 sq. ft	N	N
		5239	2 nd floor - Rm 207 3' West of South East corner				
	Dry wall	5240	1 st floor - Rm 100 - West Wall center				
	Composite	5241	1 st floor - Rm 100 - West Wall center				
	12" x 12" Blue Flow tile w/ Adhesive	5242	Basement - Rm 10 - South East corner	Basement Rm 10; 1 st floor: 100, 10-A, 101, 101A, 103, 104, 102, 106, 106A, 110A, 109, 110, 111, 120, 115, 123, 124, 116, 125A, 2 nd floor: 200, 200A, 201, 202, 205, 208, 206, 207, 201A, 1 st floor hallway, Office 1 & 2	20,000 sq. ft	N	N
	12" x 12" White Spectral floor tile w/ Adhesive	5243	1 st floor hallway - by Rm 100 - West corner	1 st floor hallway	500 sq. ft	N	N
	4" Black Limestone w/ Adhesive	5244	1 st floor hallway - by Rm 102 - South wall - center	Basement Rm 10; 1 st floor: 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 12CA, 2 nd floor: 200, 200A, 201, 202, 205, 208, 206, 207, 204A; office 1 & 2; 1 st floor hallway	3000 sq. ft	N	N
	12" x 12" Random Porcelain wall tile w/ Glue	5245	1 st floor - Rm 100 - 7' North of South East corner		20,000 sq. ft	Y	N
	2" x 4" Fissure & Caulking Panels	5246	2 nd floor - Rm 203 - 10' North of South East corner	2 nd floor Drop ceiling in Rms. 202, 206	1500 sq. ft	Y	N
	Window Putty	5247	Exterior - Basement - Rm 10 - South West corner	All exterior windows	1000 sq. ft	N	N

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD Technician: F. P. ...
 PROJECT NO.: 107-008 Date: 1/4/08
 PROJECT NAME: Santa Monica High School - Business Bldg Page: 3 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Stucco	5248	Exterior - Rancho North West Corner	Exterior walls	14000 sq. ft.	N	N
	Moisture Barrier Paper (under Stucco)	Assumed	Not Sampled Material Intact	Exterior walls (under Stucco)	14000 sq. ft.	N	N
	Butter Board	I	I	(Under Floor walls) See Samples 5227-5234 for Material location	25,000 sq. ft.	N	N
	Roofing	Assumed	Material Not Inspected		-	-	-
	Chalkboard Mastic	Note: Fiberglass pipe insulation observed	Material Not Inspected	M ceiling spaces on 1 st and 2 nd floors	-	-	-
	Chalkboard Mastic	Assumed	Not Sampled Material Intact	Basement R-10; 1 st Floor Rms: 100, 106, 110, 120, 111, 115 2 nd Floor Rms: 200, 202, 205, 208, 206, 207	40 each	N	N
	Chalkboard Mastic	I	I			N	N



AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

February 7, 2008

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 908021147
P.O. #32145
107-0008; S.M. High C.

Dear C. Ruvalcaba:

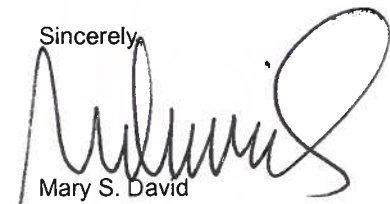
Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

5153, 5154, 5155, 5156, 5157, 5158, 5159, 5160, 5161, 5162, 5163, 5164, 5165, 5166, 5167, 5168, 5169, 5170, 5171, 5172, 5173, 5174, 5175, 5176, 5177, 5178, 5179, 5180, 5181, 5182, 5183, 5184

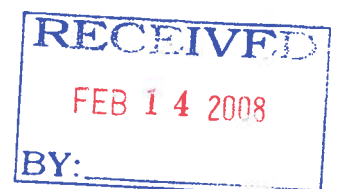
The 32 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,



Mary S. David
Client Services Manager





AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/06/08
Date Examined 02/07/08

RE: 107-0008; S.M. High C.

AmeriSci Job # 908021147
P.O. # 32145
Page 1 of 8

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5153 Location: Sand Plaster Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021147-01	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5154 Location: Sand Plaster Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021147-02	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5155 Location: Sand Plaster Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021147-03	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5156 Location: Sand Plaster Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021147-04	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5157 Location: Sand Plaster Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021147-05	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08

PLM Bulk Asbestos Report

107-0008; S.M. High C.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5158 Location: Smooth Plaster	908021147-06	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White/Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5159 Location: Smooth Plaster	908021147-07	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5160 Location: Smooth Plaster	908021147-08	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White/Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5161 Location: Smooth Plaster	908021147-09	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5162 Location: Smooth Plaster	908021147-10	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5163 Location: St. L.	908021147-11	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; S.M. High C.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5164 Location: St. L.	908021147-12	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5165 Location: St. L.	908021147-13	Yes	3 % (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Blue, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 3.0 % Other Material: Non-fibrous 97 %			
5166 Location: St. L.	908021147-14	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5167 Location: St. L.	908021147-15	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5168 Location: St. L.	908021147-16	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5169 Location: St. L.	908021147-17	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; S.M. High C.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5170 Location: Drywall	908021147-18	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5171 Location: Composite Drywall w/Jt Comp.	908021147-19	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5172 Location: 12"x12" Random Pinhole Ceiling Tile w/Glue	908021147-20L1	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Brown, Heterogeneous, Fibrous, Ceiling Texture Asbestos Types: Other Material: Cellulose 80 %, Non-fibrous 20 %			
5172 Location: 12"x12" Random Pinhole Ceiling Tile w/Glue	908021147-20L2	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
5153 Location: 12"x12" Blue Floor Tile w/Ashesive	908021147-21L1	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Blue, Homogeneous, Non-Fibrous, Flooring Asbestos Types: Other Material: Non-fibrous 100 %			
5153 Location: 12"x12" Blue Floor Tile w/Ashesive	908021147-21L2	No	NAD ¹ (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; S.M. High C.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5174	908021147-22L1	No	NAD
<p>Location: 12"x12" Blue Floor Tile w/Ashesive w/Black Residual Mastic</p> <p>Analyst Description: Blue, Homogeneous, Non-Fibrous, Flooring Asbestos Types: Other Material: Non-fibrous 100 %</p>			<p>(by CVES) by Olga K. Katsuk on 02/07/08</p>
5174	908021147-22L2	No	NAD ¹
<p>Location: 12"x12" Blue Floor Tile w/Ashesive w/Black Residual Mastic</p> <p>Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %</p>			<p>(by CVES) by Olga K. Katsuk on 02/07/08</p>
5175	908021147-23L1	No	NAD
<p>Location: 12"x12" Ocean Blue Floor Tile w/Adhesive</p> <p>Analyst Description: Blue, Homogeneous, Non-Fibrous, Flooring Asbestos Types: Other Material: Non-fibrous 100 %</p>			<p>(by CVES) by Olga K. Katsuk on 02/07/08</p>
5175	908021147-23L2	No	NAD ¹
<p>Location: 12"x12" Ocean Blue Floor Tile w/Adhesive</p> <p>Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %</p>			<p>(by CVES) by Olga K. Katsuk on 02/07/08</p>
5176	908021147-24L1	No	NAD
<p>Location: 12"x12" Yellow Floor Tile w/Adhesive w/Black Residual Mastic</p> <p>Analyst Description: Yellow, Homogeneous, Non-Fibrous, Flooring Asbestos Types: Other Material: Non-fibrous 100 %</p>			<p>(by CVES) by Olga K. Katsuk on 02/07/08</p>
5176	908021147-24L2	No	NAD ¹
<p>Location: 12"x12" Yellow Floor Tile w/Adhesive w/Black Residual Mastic</p> <p>Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %</p>			<p>(by CVES) by Olga K. Katsuk on 02/07/08</p>

PLM Bulk Asbestos Report

107-0008; S.M. High C.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5177	908021147-25L1	No	NAD
	Location: 12"x12" White Speckled Floor Tile w/Adhesive		(by CVES) by Olga K. Katsuk on 02/07/08
	Analyst Description: White, Homogeneous, Non-Fibrous, Flooring		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
5177	908021147-25L2	No	NAD
	Location: 12"x12" White Speckled Floor Tile w/Adhesive		(by CVES) by Olga K. Katsuk on 02/07/08
	Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
5178	908021147-26L1	No	NAD
	Location: Blue w/grey Flooring w/Adhesive		(by CVES) by Olga K. Katsuk on 02/07/08
	Analyst Description: Blue/Grey, Homogeneous, Non-Fibrous, Flooring		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
5178	908021147-26L2	No	NAD
	Location: Blue w/grey Flooring w/Adhesive		(by CVES) by Olga K. Katsuk on 02/07/08
	Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
5179	908021147-27L1	No	NAD
	Location: 4" Black Covebase w/Adhesive		(by CVES) by Olga K. Katsuk on 02/07/08
	Analyst Description: Black, Homogeneous, Non-Fibrous, Basecove		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
5179	908021147-27L2	No	NAD
	Location: 4" Black Covebase w/Adhesive		(by CVES) by Olga K. Katsuk on 02/07/08
	Analyst Description: Off-White, Homogeneous, Non-Fibrous, Glue		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		

PLM Bulk Asbestos Report

107-0008; S.M. High C.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5180	908021147-28L1 Location: 6" Black Covebase w/Adhasive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %			
5180	908021147-28L2 Location: 6" Black Covebase w/Adhasive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %			
5181	908021147-29 Location: Duct Sealant	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5182	908021147-30 Location: Buttom Board	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White/Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15 %, Non-fibrous 85 %			
5183	908021147-31 Location: Window Putty	Yes	Trace (<1 %) (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Beige/Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile <1. % Other Material: Non-fibrous 100 %			
5184	908021147-32 Location: Stucco	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; S.M. High C.

Reporting Notes:

(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible).

Analyzed By: Olga K. Katsuk *[Signature]*; Date Analyzed: 2/7/2008 *2/7/08*

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: *[Signature]* - *2/7/08*



Asbestos, Lead Analysis Chain of Custody

AMERISCI LOS ANGELES
 24416 S Main St. Suite 308
 Carson, CA 90745
 Phone (310) 834-4868
 Fax (310) 834-4772

AMERISCI JOB #: **908021147**

COMPANY: <i>CTL</i>		ADDRESS:				P.O.#: <i>32145</i>		
PROJECT INFORMATION		ANALYSIS TYPE		TURNAROUND TIME			AIR FILTER	
				RUSH	24 HR	48 HR	72 HR	5 DAY
JOB NAME: <i>S.M. High Catherine Bldg</i>		ASBESTOS TEM AHERA					MCE	
JOB NUMBER: <i>107-0008</i>		ASBESTOS PLM BULK					PC	
JOB MANAGER: <i>C. Revulub</i>		ASBESTOS PCM AIR					25 mm	
JOB DESCRIPTION:		ASBESTOS PLM 1000 P.C.					37 mm	
		LEAD AIR					0.45 um	
		LEAD WIPE					0.80 um	
		LEAD PAINT / SOLID					TEMP:	
		OTHER:					OTHER:	

INITIAL RESULTS DELIVERY: FAX EMAIL VERBAL MAIL ONLY

REPORTS TO: _____ PHONE: _____

INVOICE TO: _____ FAX: _____

COMMENTS: _____ EMAIL: _____

PAGER/CELL: _____

RETURN SAMPLES YES _____

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X	LITERS /MIN.	TOTAL VOLUME	AREA SQUARE Ft
<i>51 73</i>	<i>12" x 12" Blue floor tile w/ Adhesive</i>						
<i>74</i>	<i>12" x 12" Lt. Blue floor tile w/ Adhesive w/ Black Residual Mastic</i>						
<i>75</i>	<i>12" x 12" Ocean Blue floor tile w/ Adhesive</i>						
<i>76</i>	<i>12" x 12" Yellow floor tile w/ Adhesive w/ Black Residual Mastic</i>						
<i>77</i>	<i>12" x 12" White speckled floor tile w/ Adhesive</i>						
<i>78</i>	<i>Blue w/ Grey flooring w/ Adhesive</i>						
<i>79</i>	<i>4" Black Cove base w/ Adhesive</i>						
<i>80</i>	<i>6" Black Cove base w/ Adhesive</i>						
<i>81</i>	<i>Duct Sealant</i>						
<i>82</i>	<i>Button Board</i>						
<i>83</i>	<i>Window Putty</i>						
<i>51 84</i>	<i>Stucco</i>						
<i>85</i>							
<i>86 (P2)</i>							
<i>87</i>							
<i>88</i>							
<i>89</i>							
<i>90</i>							
<i>91</i>							

SAMPLED BY: *[Signature]* DATE/TIME: *1/21/08* RECEIVED BY: _____ DATE/TIME: _____

RELINQUISHED BY: *[Signature]* DATE/TIME: *2/6/08* RECEIVED BY: _____ DATE/TIME: _____

RELINQUISHED BY: _____ DATE/TIME: _____ RECEIVED IN LAB BY: *[Signature]* DATE/TIME: *2/6/08 @ 14:50*

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD
 PROJECT NO: 107-0008
 PROJECT NAME: Santa Monica High - Cafeteria Bldg.

Technician: F. Puvion
 Date: 1/31/08
 Page: 1 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Sand Plaster	5153	student cafeteria - 5' S of N.W.	Student Cafeteria, Serving Area, Storage 2, Changing Room, Kitchen Prep Area,	4800 sq. ft.	N	N
		5154	Serving Area - East corner wall center	office 1, Staff Cafeteria, Custodian closet			
		5155	Serving Area - West corner wall center				
		5156	Kitchen Prep. - South corner wall center				
		5157	staff cafeteria - 8' E of NW				
	Smooth Plaster	5158	Kitchen - East wall center	Kitchen, Kitchen Prep Area, (wall)	1200 sq. ft.	N	N
		5159	Kitchen - NW corner				
		5160	Kitchen - NE corner				
		5161	Kitchen - North center				
		5162	Kitchen - West corner				

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD
 PROJECT NO.: 107-008
 PROJECT NAME: Santa Monica High - Cafeteria Bldg

Technician: F. Buehler
 Date: 3/1/08
 Page: 2 of 4

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	JF. Compound	5163	Staff Mens RR - West corner wall Center	Ceiling in RR Kitchen, Kitchen prep Area, RR, Above 12" Ceiling tile in Mens; Student Cafeteria, Serving Area, Snack bar, Staff Cafeteria	13,000 10,000 sq. ft.	N	N
		5164	Staff Womens RR - South West corner	RR, Above 12" Ceiling tile in Mens; Student Cafeteria, Serving Area, Snack bar, Staff Cafeteria			
		5165	Serving Area - Ceiling West Center	Mech fan, Boys and Girls RR			
		5166	Kitchen - Ceiling - North East Corner				
		5167	Kitchen Ceiling South East Corner				
		5168	Kitchen Ceiling Center				
		5169	Changing Room - 4' South of North East Corner				
	Drywall	5170	Mens RR - Ceiling West Center - At Damaged Area				
	Composite - Drywall w/ JF. Compound	5171	Staff Mens RR - Ceiling, West Center - At Damaged Area				
	12"x12" Random Pinhole Ceiling Tile w/ Glue	5172	Serving Area - West West Center	Student Cafeteria, Serving Area, Snack bar, Staff Cafeteria	8000 sq. ft.	Y	P

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

Client: SMUSD
 Project No.: 107-008
 Project Name: Santa Monica High - Cafeteria Bldg

Technician: F. Revulenta
 Date: 1/31/08
 Page: 3 of 4

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12" x 12" Blue Floor Tile w/ Adhesive	5173	Serving Area - West Center	Serving Area, Snack bar, Changing Room, Kitchen Prep, Staff Cafeteria (Podroom), Office	1800 sq. ft	N	N
	12" x 12" Lt. Blue Floor Tile w/ Adhesive	5174	Student Cafeteria - 20' South of North West Corner	Student Cafeteria	800 sq. ft	N	N
	12" x 12" Ocean Blue Floor Tile w/ Adhesive	5175	Student Cafeteria - 30' West of North West Corner	Student Cafeteria	500 sq. ft	N	N
	12" x 12" Yellow Floor Tile w/ Adhesive	5176	Student Cafeteria - 20' South of North West Corner	Student Cafeteria	200 sq. ft	N	N
	12" x 12" White Speckled Floor Tile w/ Adhesive	5177	Student Cafeteria - 5' East of North West Corner	Podroom (Student Cafeteria); Serving Area; Staff Cafeteria	3000 sq. ft	N	N
	Blue w/ Grey Flaring w/ Adhesive	5178	Kitchen - Floor Center	Kitchen	1000 sq. ft	N	N
	4" Black Covebase w/ Adhesive	5179	Serving Area - West Wall Center	Serving Area, Snack bar, Kitchen Prep, Office	350 sq. ft	N	N
	6" Black Covebase w/ Adhesive	5180	Student Cafeteria - West Wall Center	Student Cafeteria	150 sq. ft	N	N
	Duct Sealant	5181	Kitchen - Ceiling Space Center - at HVAC Ducting	Kitchen Ceiling Space HVAC Units at Seams	10 sq. ft	N	N
	Button Board (Under Plaster)	5182	Kitchen Prep Room - South Wall Center	Under Plaster Walls (See Samples 5153-5162 for Material locations)	6000 sq. ft	N	N



AMERISCI

AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308

CARSON, CA 90745

TEL: (310) 834-4868 • FAX: (310) 834-4772

February 12, 2008

CTL Environmental Services

Attn: Cesar R.

24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

RE: CTL Environmental Services

Job Number 908021161

P.O. #107-0008

107-0008; SMMUSD; St. Monica High School / History

Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

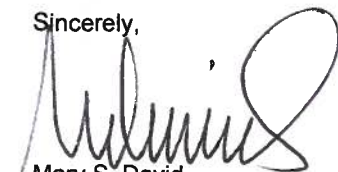
H01, H02, H03, H04, H05, H06, H07, H08, H09, H10, H11, H12, H13, H14, H15, H16, H17, H18, H20, H21, H22, H23, H24, H25, H26, H27, H28, H29, H30, H31, H24A, H32, H33, H34, H35, H36, H37, H38, H39

The 35 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

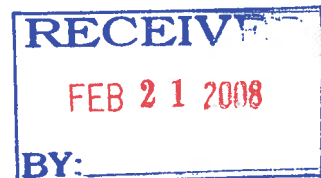
AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,



Mary S. David

Client Services Manager





AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/08/08 **AmeriSci Job #** 908021161
Date Examined 02/09/08 **P.O. #**
Page 1 of 9
RE: 107-0008; SMMUSD; St. Monica High School / History

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
H01 1 Location: 12" Gray Floor Tile & Mastic	908021161-01L1	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Purple, Homogeneous, Non-Fibrous, Cementitious, Floor Tile Asbestos Types: Other Material: Cellulose 1 %, Non-fibrous 99 %			
H01 1 Location: 12" Gray Floor Tile & Mastic	908021161-01L2	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Cellulose 8 %, Non-fibrous 92 %			
H02 1 Location: 12" Gray Floor Tile & Mastic	908021161-02L1	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Purple, Heterogeneous, Non-Fibrous, Cementitious, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
H02 1 Location: 12" Gray Floor Tile & Mastic	908021161-02L2	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Mastic Asbestos Types: Other Material: Cellulose 7 %, Non-fibrous 93 %			
H03 1 Location: 12" Gray Floor Tile & Mastic	908021161-03L1	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Purple, Homogeneous, Non-Fibrous, Cementitious, Floor Tile Asbestos Types: Other Material: Calcite 100 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High School / History

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
H03 1	908021161-03L2 Location: 12" Gray Floor Tile & Mastic	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Beige/Grey, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Cellulose 5 %, Non-fibrous 95 %			
H04	908021161-04L1 Location: 12" Lt Blue Floor Tile (2 Layers)	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Purple, Homogeneous, Non-Fibrous, Cementitious, Floor Tile Asbestos Types: Other Material: Calcite 100 %			
H04	908021161-04L2 Location: 12" Lt Blue Floor Tile (2 Layers)	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Light Blue, Homogeneous, Non-Fibrous, Cementitious, Floor Tile Asbestos Types: Other Material: Calcite 100 %			
H04	908021161-04L3 Location: 12" Lt Blue Floor Tile (2 Layers)	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey/Yellow, Homogeneous, Non-Fibrous, Underlayment Asbestos Types: Other Material: Non-fibrous 100 %			
H05	908021161-05 Location: 12" Peghole C.T. Mastic	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
H06 2	908021161-06 Location: Window Putty	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High School / History

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
H07 2 Location: Window Putty	908021161-07	Yes	Trace (<1 %) (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <1. % Other Material: Cellulose 1 %, Non-fibrous 99 %			
H08 2 Location: Window Putty	908021161-08	Yes	Trace (<1 %) (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <1. % Other Material: Cellulose 2 %, Non-fibrous 98 %			
H09 Location: Hot Bricks	908021161-09	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
H10 Location: Drywall	908021161-10	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 3 %, Fibrous glass 2 %, Gypsum 95 %			
H11 3 Location: Drywall Jt. Compound	908021161-11	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %			
H12 3 Location: Drywall Jt. Compound	908021161-12	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High School / History

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
H13 3 Location: Drywall Jt. Compound	908021161-13	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Carbonates 100 %			
H14 3 Location: Drywall Jt. Compound	908021161-14	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White/Beige, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %			
H15 3 Location: Drywall Jt. Compound	908021161-15	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Carbonates 100 %			
H16 4 Location: S. Rough Plaster Ceiling	908021161-16	Yes	3 % (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Yellow/Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile 3.0 % Other Material: Non-fibrous 97 %			
H17 4 Location: S. Rough Plaster Ceiling	908021161-17		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
H18 4 Location: S. Rough Plaster Ceiling	908021161-18		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High School / History

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
H20 4 Location: S. Rough Plaster Ceiling	908021161-19		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
H21 4 Location: S. Rough Plaster Ceiling	908021161-20		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
H22 4 Location: S. Rough Plaster Ceiling	908021161-21		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
H23 Location: 2'x4' Fiss. C.P.	908021161-22	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Beige, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5 %, Mineral Wool 35 %, Non-fibrous 60 %			
H24 Location: 4" Blue Covebase & Glue	908021161-23L1	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Black, Heterogeneous, Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %			
H24 Location: 4" Blue Covebase & Glue	908021161-23L2	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White, Heterogeneous, Fibrous, Mastic Asbestos Types: Other Material: Cellulose 3 %, Non-fibrous 97 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High School / History

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
H25 5 Location: Drywall Jt. Compound	908021161-24	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Off-White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Carbonates 100 %			
H26 5 Location: Drywall Jt. Compound	908021161-25	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Off-White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 2 %, Non-fibrous 98 %			
H27 5 Location: Drywall Jt. Compound	908021161-26	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
H28 Location: 2'x4' Fiss. C.P.	908021161-27	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Beige/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 6 %, Mineral Wool 40 %, Non-fibrous 54 %			
H29 Location: 12" White Floor Tile	908021161-28L1	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Floor Tile Asbestos Types: Other Material: Calcite 100 %			
H29 Location: 12" White Floor Tile	908021161-28L2	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Beige/Grey, Homogeneous, Non-Fibrous, Underlayment Asbestos Types: Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High School / History

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
H30 Location: Gypsum Board	908021161-29	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 3 %, Gypsum 97 %			
H31 Location: 12" Random C.T & Glue	908021161-30L1	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Beige/White, Homogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 7 %, Mineral Wool 50 %, Non-fibrous 43 %			
H31 Location: 12" Random C.T & Glue	908021161-30L2	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Tan/Yellow, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %			
H24A Location: Drywall	908021161-31	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 4 %, Gypsum 96 %			
H32 Location: G. Ceiling Material	908021161-32L1	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Ceiling Material Asbestos Types: Other Material: Non-fibrous 100 %			
H32 Location: G. Ceiling Material	908021161-32L2	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Cream/Beige, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Cellulose 2 %, Other Fibers 7 %, Non-fibrous 91 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High School / History

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
H33 6 Location: Stucco	908021161-33	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
H34 6 Location: Stucco	908021161-34	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
H35 6 Location: Stucco	908021161-35	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
H36 6 Location: Stucco	908021161-36	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey/Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
H37 6 Location: Stucco	908021161-37	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose 2 %, Non-fibrous 98 %			
H38 6 Location: Stucco	908021161-38	No	NAD (by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

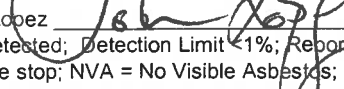
Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

1007-0008; SMMUSD; St. Monica High School / History

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
H39 6	908021161-39	No	NAD
Location: Stucco			(by CVES) by John A. Lopez on 02/09/08
Analyst Description: Grey/White. Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed By: John A. Lopez ; Date Analyzed: 2/9/2008 2-9-08
 *NAD = no asbestos detected; Detection Limit < 1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:  2/11/2008

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AMERISCI JOB NO: **908021161-**

PAGE 1 OF 4

DUE DATE:

RUSH 24 HR 48 HR 3 DAY 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER			SAMPLING INFORMATION			RECEIVED BY: (PRINT)
			SIZE	TYPE	#	DATE	TIME	TECH	
H01		Bulk	N/A	Bag	1	4/20/07	N/A	CA	
H02					1				
H03					1				
H04					1				
H05					1				
H06					1				
H07					1				
H08					1				
H09					1				
H10					1				

GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	Notes:
			1 12" gray floor tile - mwb
			2
			3
			4 12" Ch. blue floor tile (2 layers)
			5 12" peroxide C.T. mwb
			6 Window pantry
			7
			8 Hot bricks
			9 Drywall

SAMPLED BY: (PRINT)	DATE:	TIME:
Victor Sanchez	4/18/07	

RELINQUISHED BY: (PRINT)	DATE:	TIME:
<i>[Signature]</i>	4/18/07	

RECEIVED FOR LABORATORY BY:	DATE:	TIME:
Arellano	2/8/08	

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AMERISCI JOB NO:

908021161-

PAGE 3 OF 4

DUE DATE:

RUSH 24 HR 48 HR 3 DAY 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY:

ADDRESS:

PHONE:

FAX 1:

FAX 2:

CLIENT CONTACT:

EMAIL:

PROJECT NAME:

PROJECT NUMBER:

PROJECT STATE:

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER		SAMPLING INFORMATION			Notes:
			SIZE	TYPE	#	DATE	TIME	
	H22	Bulk	N/A	Bags	1	4/4/02	N/A	V.S.
	H23				1			
	H24				1			
	H25				1			
	H26				1			
	H27				1			
	H28				1			
	H29				1			
	H30				1			
	H31				1			

PLM

SAMPLE PH AT LOGIN

GRAB (G) OR COMPOSITE (C)

PRESERVATIVES

Notes:

Smear rough plaster ceiling
 2 4' x 6' S.S. C.P.
 4' blue comp. n. r. gln
 Drywall St. comp.
 2 4' x 4' 1/2" S.S. C.P.
 2 4' x 4' 1/2" S.S. C.P.
 Drywall board
 2 4' x 4' 1/2" S.S. C.P.
 Drywall C.T. = She

SAMPLED BY: (PRINT)

Vicior Sanchez

DATE: 4/4/02

RECEIVED BY: (PRINT)

(SIGN)

(SIGN)

RELINQUISHED BY: (PRINT)

Victor Sanchez

DATE: 4/8/02

RECEIVED BY: (PRINT)

(SIGN)

(SIGN)

RELINQUISHED BY: (PRINT)

V. Arellano

DATE: 2/8/02

RECEIVED FOR LABORATORY BY:

(SIGN)

(SIGN)

DATE: 0805

(SIGN)

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PAGE **4** OF **4**

DUE DATE:

RUSH 24 HR 48 HR 3 DAY 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER		DATE	TIME	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PHATLOGIN	Notes:
			SIZE	TYPE							
	H24A	Bulk	1/2	Bag	4/4/07	N/A	V.S				
	H32										Amproch
	H33										Grey Ceiling
	H34										Space
	H35										
	H36										
	H37										
	H38										
	H35										

SAMPLED BY: (PRINT)	DATE: 4/4/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE: 2/8/08	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE: 2/8/08
(SIGN)	TIME:	(SIGN)	TIME: 0800

Paper to paper

Victor Sanchez

Victor Sanchez

K. Arellano

Positive STD 5/19/11

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
HISTORY BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
H-1-01	Plaster walls	NAD
H-1-02	Plaster walls	NAD
H-1-03	Plaster walls	NAD
H-1-04	Plaster walls	NAD
H-1-05	Plaster walls	NAD
H-1-06	Plaster walls	NAD
H-1-07	Plaster walls	NAD
H-2-01	1'x1' ceiling tile	NAD
H-2-02	1'x1' ceiling tile	NAD
H-2-03	1'x1' ceiling tile	NAD
H-3-01	Plaster ceiling	NAD
H-3-02	Plaster ceiling	NAD
H-3-03	Plaster ceiling	NAD

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SHMUSD
 PROJECT NO.: 107-0008
 PROJECT NAME: 5th Ave Hgt - History Bldg

Technician: V. Sack
 Date: 4-2-02
 Page: 1 of 4

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
NAD	Plaster walls	H101 TO H109	H101, H125, H100, H103 H106, H100, H114, H116	H102, H110 (CUSTOMER), H104, H104A, H104B, H109, H109A, H117A, H117B, H117, H115, H119 (Same as H05)	39000	N	N
NAD	12" ceiling tile Made in m-ftc	H201 H202 H203		H117A, CUSTOMER, H117B, H117A, H117 H200, H01, H023, H204 H200, H201, H203, H202, H204, H208, H20A H213, H214, H216, H217, H218	1000 59. FT	N	N
NAD	Plaster ceilings	H301 H302			13000 59. FT	N	N
	12" gypsum spackled Fur tile residual MASTIC	H01	H-200 NW				
		H02	H216 S/E				
	12" gray speckled Fur tile	H03	H119, SO. CTN	H125, H101, H100, H103, H102, H105 (CUSTOMER), H104 H104, H106, H109, H117B, H119, H121, H125, H128	9500 59. FT	N	N
	12" Light blue spackled Fur tile (2 layers)	H04	H120 WEST CTN	H120, H118, H116, H114	3200 59. FT	N	N
	12" peg lobe C.N. MASTIC	H05	1ST FUR. TULLOCH, EAST SIDE CTN.	H125, H101, H103, H100, H105, H106, H104, H104B, H114, H116, H120, H121, H119, H121, H200, H201, H203, H215, H217, H218	23000 59. FT	N	N
	windows putty	H06	H119 S/E	H204, H205, H203, H208, H204, H210, H213, H214, H216	5500 L1. FT	N	N
		H07	NORTH CTN.	EXTERIOR windows & CLASSROOM interior classrooms putty is in the interior			
		H08	SOUTH CTN				
		H09	basement STORAGE 2 N/E	basement STORAGE 2 furniture exhaust	100 59. FT	N	N

continues page 3

CITY ENVIRONMENTAL SERVICES
FIELD BULK SAMPLE LIST

CLIENT: SMUSD Technician: N. Sanchez
 PROJECT NO.: 107-008 Date: 4-4-07
 PROJECT NAME: Santa Monica H.S. History bldg. Page: 2 of 4

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Drywall	H10	H104 N/E	H104, H104A, H104B, H107, H108, H115, H114, H116, H206, H207A, H212,	3200 99.95	P	P
	Drywall Touret comp.	H11					
		H12	H107 S/E				
		H13	H114 S/W.				
		H14	H206 N/W				
		H15	H212 N/W.				
	Soft Drywall ceiling	H16	H208 S/E	RWS, H101, 103, H100, H105, H114, H116, H118, H120 H122, H122, H121, H119, H200, H207, H208, H209, H204 H205, H207, H208, H209, H210, H217, H214, H215 H216, H217, H218, 157 & 2nd Floor. Hallways	2800 99.95	P	P
		H17	H213 WEST COR.				
		H18	2nd Flr. Attic out of office				
		H19	H102 N/W				
		H20	H120 S/E				
		H21	1ST Flr Hallway AT S/E STAIRWELL				
		H22	H114 N/E				

FIELD BULK SAMPLE LIST

CLIENT: S WARD PROJECT NO.: 103-008 Technician: V. Searle
 PROJECT NAME: Seaford House 14.6 Date: 4-21-02
 History 4/14/02 Page: 43 of 4

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Z Y Z FISSURED C. Panel	H23	H116 CRN.	H118, H116, H114	2300 sq. ft	✓	✓
	Yin blue covehouse style	H244	H103 n/w.	H125, H101, H103, H100, H102, H106, H8C3, H141 H116, H120, H122, H119, H121, H200, H201, H205 H204, H205, H207, H208, H209, H210, H213 H214, H215, H212 basement 1ST & 2nd Flr hallway H122, H023, H022, H020, H201, H202, H203 H204, H205, H206, H207A, H208, H209 H212, H213, H214, H215, H216, H217, H218 H125	3900 sq. ft	✓	✓
	Plaster walls	H101 H111	✓			✓	✓
	drywall	H107				✓	✓
	drywall	H244	H127 S/E	H127, H127B	950 sq. ft	✓	✓
	drywall 301st comp	H25				✓	✓
		H26	H127B S/E			✓	✓
		H27	H127 n/w.			✓	✓
	Z Y Z FISSURED panel	H28	H127 CTN	H127- H127B	200 sq. ft	✓	✓
	12 white Proovile	H29	1ST Floor hallway S/W.	H127B, hallway, 1ST, 2nd & basement Flrs	1600 sq. ft	✓	✓

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD
 PROJECT NO: 187-0008
 PROJECT NAME: Santa Monica H.S.

History bldg.

Technician: N. Sander
 Date: 4-4-07
 Page: 49 of 4

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	R	D
	Gypsum board	H30	baseboard hallway CTR.	baseboard hallway	750 59.95	0	0
	12" random plyblk ceiling like gln	H31	1st flr. S/E stairwell	baseboard hallway	750 59.95	0	0
	ceiling like gln fasting material	H32	1st flr. S/E stairwell bottom step.	stairs/walls steps.	450 39.95	0	0
	STUCCO	H33	H127 N/E	EXTERIOR walls,	11605 99.95	0	0
		H34	N/W			0	0
		H35	N/E			0	0
		H36	S/E			0	0
		H37	WEST CTR.			0	0
		H38	S/W.			0	0
		H39	N/CTR. 2nd Flr.			0	0



AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

February 8, 2008

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 908021165
P.O. #107-0008
107-0008; SMMUSD; St. Monica High / Tech. Bldg

Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

3478, 3479, 3480, 3481, 3482, 3483, 3484, 3485, 3486, 3487, 3488, 3489, 3490, 3491, 3492, 3493, 3494, 3495

The 18 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci,

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Mary S. David". The signature is fluid and cursive, with a large loop at the end.

Mary S. David
Client Services Manager



AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/08/08 **AmeriSci Job #** 908021165
Date Examined 02/08/08 **P.O. #**
Page 1 of 4
RE: 107-0008; SMMUSD; St. Monica High / Tech. Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3478 Location: 4" Black Covebase & Glue Analyst Description: Black, Homogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %	908021165-01L1	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
3478 Location: 4" Black Covebase & Glue Analyst Description: Off-White, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021165-01L2	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
3479 Location: Heater Unit Gasket Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 95 %, Non-fibrous 5 %	908021165-02	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
3480 1 Location: Gypsum Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021165-03	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
3481 1 Location: Gypsum Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021165-04	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / Tech. Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3482 1 Location: Gypsum Joint Compound	908021165-05	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3483 1 Location: Gypsum Joint Compound	908021165-06	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3484 Location: 2x2 Smooth Pinhole Ceiling Panel	908021165-07	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 25 %, Fibrous glass 20 %, Non-fibrous 55 %			
3485 Location: 2x4 Fiss. Sq. C.P.	908021165-08	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 30 %, Fibrous glass 20 %, Non-fibrous 50 %			
3486 Location: Lt. Blue Floor Sheeting	908021165-09L1	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Blue, Heterogeneous, Fibrous, Flooring Asbestos Types: Other Material: Cellulose 20 %, Non-fibrous 80 %			
3486 Location: Lt. Blue Floor Sheeting	908021165-09L2	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / Tech. Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3487 Location: 12" Gray Floor Tile	908021165-10	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Flooring Asbestos Types: Other Material: Non-fibrous 100 % Comment: No Mastic found			
3488 Location: 12" White Floor Tile	908021165-11	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Homogeneous, Non-Fibrous, Flooring Asbestos Types: Other Material: Non-fibrous 100 % Comment: No Mastic found			
3489 2 Location: Fireproofing	908021165-12	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 80 %, Non-fibrous 20 %			
3490 2 Location: Fireproofing	908021165-13	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 80 %, Non-fibrous 20 %			
3491 2 Location: Fireproofing	908021165-14	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 80 %, Non-fibrous 20 %			

PLM Bulk Asbestos Report

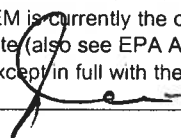
107-0008; SMMUSD; St. Monica High / Tech. Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3492 2 Location: Fireproofing	908021165-15	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 85 %, Non-fibrous 15 %			
3493 2 Location: Fireproofing	908021165-16	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 85 %, Non-fibrous 15 %			
3494 Location: Octogan Lab Counter	908021165-17	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Blue, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
3495 Location: Rectangular Lab Counter	908021165-18	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Blue, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed By: Olga K. Katsuk ; Date Analyzed: 2/8/2008 2.8.08

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:  2/9/08

AMERISCI LOS ANGELES
CHAIN OF CUSTODY RECORD

24416 S Main St, # 308, Carson, CA 90745
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AMERISCI JOB NO: **908021165-**

PAGE **1** OF **2**

DUE DATE:

RUSH 24 HR 48 HR 3 DAY 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER		SAMPLING INFORMATION			RECEIVED BY: (PRINT)	DATE	TIME	SIGNATURE
			SIZE	TYPE	#	DATE	TIME				
	3478	Br/c N/A	Bags	1	4/10/07	N/A	V.S.				
	3479			1							
	3480			1							
	3481			1							
	3482			1							
	3483			1							
	3484			1							
	3485			1							
	3486			1							
	3487			1							
SAMPLING INFORMATION								RECEIVED BY: (PRINT)	DATE	TIME	SIGNATURE
PRESERVATIVES											
GLASS (G) OR COMPOSITE (C)											
4" block core base in glass											
Proctor unit gasket											
Gypsum joint compound											
2x2" smooth p. inside ceiling panel											
2x4x6 .55. 55' C.P.											
1 Lt. blue 1/2" dia 54-485g											
1 12" gray 1/2" dia 116											
SAMPLE PH AT LOGIN											
Notes:											

COMPANY: **ORC**

ADDRESS:

PHONE:

FAX 1:

FAX 2:

CLIENT CONTACT: **Carson Pineda**

EMAIL:

PROJECT NUMBER: **107-2008**

PROJECT STATE: **CA**

MATRIX: **S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES**

CONTAINER: **P-PLASTIC G-GLASS V-VOA**

RELINQUISHED BY: (PRINT)

Carson Pineda

DATE: **4/10/07**

TIME: **11:14**

RECEIVED BY: (PRINT)

K. Arestano

DATE: **2/18/08**

TIME: **08:05**

Positive Step 7/9/07

24416 S Main St. # 308, Carson, CA 90745
Phone (310)834-4868 Fax (310)834-4772

www.amerisci.com

AMERISCI JOB NO:

908021165

PAGE

2 OF 2

DUE DATE:

RUSH 24 HR 48 HR 3 DAY 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER		SAMPLING INFORMATION			PRESERVATIVES	SAMPLE PH AT LOGIN	Notes:
			SIZE	TYPE	#	DATE	TIME			
	3488	Bulk	N/A	Box	1	4/20/07	N.A.			White box 26
	3489				1					Pin pricks
	3490				1					
	3491				1					
	3492				1					
	3493				1					
	3494				1					Octogan Lab Counters
	3495				1					Rectangular Lab Counter

SAMPLED BY: (PRINT)	DATE: 4/20/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: _____	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE: 2/8/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: _____	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE: 2/8/07
(SIGN)	TIME:	(SIGN)	TIME:

CIL ENVIRONMENTAL SERVICES
FIELD BULK SAMPLE LIST

CLIENT: S M K U S D
PROJECT NO: 167-0008
PROJECT NAME: Sewer tunnels H.S.

Technician: V. Sauer
Date: 4-2-07
Page: 1 of 5

Technology Bldg.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	4" black core base & glue	3478	Rm T11 N/W.	Rm T11, Rms T101-T113 Rms T-200-T214 offices & storages (except T105)	3500 4. FT.	N	N
	basement floor, observed runs & elbows	T90286 02802 02803		T10 T11 cast iron fiberglass pipes			
	Cyprum board wall joint compound	3480	T-100 west ctn.	T11 T10 S/W side wall, Rms T101-T113 offices & storages	29000 59. FT	N	N
		3481	T-105 N/W.	Rms. T200 thru T219 including offices & storage rms.			
		3482	T-214 N/E				
		3483	T-200 S/E				
	HTN vmt. Gaster.	3479	T12 medium. EAST Ctn.	T12 medium	2 ea.	N	N
	2x2 smooth pinhole ceiling panel	3484	T100 EAST Ctn	Rms T100 thru T113, T214 first flr. offices & storages.	9500 59. FT	Y	N
	2x4 fissured square pattern panel	3485	T-212 Ctn	2nd flr hallway, Rms T-200 thru T-214 (except Rm T214)	8500 59. FT	N	N
	light blue floor sheathing	3486	T214 N N/W.	2nd flr hallway & Rm T214A.	2800 59. FT	N	N
	12" gray speckled PVC tile	3487	T215 N/E	Rms, T-100 thru T113 including offices and storage rms, Rms T200 thru T214 (except T105)	17000 59. FT	N	N

FIELD BULK SAMPLE LIST

Technician: N. Swade
 Date: 4-2-07
 Page: 2 of 5

CLIENT: S.M.W.D.
 PROJECT NO.: 107-0008
 PROJECT NAME: Sanford wing H-S.

Technology 312g

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12" white & pink Per tile	3488	T 214 CTR	RM T 100 thru T 113 (except RM T 105)	1500 sq. ft	N	N
	Fireproofing	3489	RM T 105 P/W	pipes T 200 thru T 219 including offices and storage rms, 1st & 2nd Flrs	2400 sq. ft	N	N
		3490	N/E	support beams (metal) & deck			
		3491	S/W				
		3492	S/E				
		3493	CTR				
	PROOF MASTIC			ROOF penetrations	150 sq. ft	N	N
	chick band				100 ea	N	N
	octagon shape	3494	T-200 S/E	RM T-200	200 sq. ft	N	N
	counters	3495	P-200 N/W.	RM T-200, T-204	500 sq. ft	N	N
	rectangular counters.				1000 sq. ft	N	N
	rolled on ROOF-CRNL			ROOF	1000 sq. ft	N	N

**CTL ENVIRONMENTAL SERVICES
FIELD BULK SAMPLE LIST**

CLIENT: SUMMUSD
 PROJECT NO.: 107-0008
 PROJECT NAME: Santa Monica Agri - Residential Bldg.

Technician: V. Sanchez
 Date: 4-2-07
 Page: 3 of 5

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
NAP	Plasterboard wall ? ceiling	TB1601 ↓ 02 03		150T observed			
NAP	Rough Plaster wall - 1.5 feet	TB1701 ↓ 02 03	Take note if necessary see: TB5-01-503	15T & 2nd floor hallway 2nd floor street stairs	4900 59.75 sq. ft.	N	N
NAP	Canvas wrap pipe insulation	TB1801 ↓ 02 03	Take note if necessary	Domestic water line RMT 105	60 2.5 ft.	N	N
S-570 POS	Pipe fitting material (aluminum)	TB1901 ↓ 02 03	Domestic water line	Removed			
NAP	Base coat & mastic	TB2001 ↓ 02 03		Removed			
NAP	Built up roof w/ granul	TB2201 ↓ 02 03	Flashed.	ROOF	11000 59.75 sq. ft.	N	N
S-167 POS	Ray pantheater bedfasters	TB2301 ↓ 02 03		ROOF			
S-9 POS	Ray pantheater base plaster	TB2401 ↓ 02 03		EXT. walls & walkway ceiling	18000 59.75 sq. ft.	N	N
S-23 POS	Ca fence wall shear	TB2501 ↓ 02 03		EXT. walls & walkway/entry ceiling	18000 59.75 sq. ft.	N	N
NAP	Parquet mastic	TB2601 ↓ 02 03					
S-70 NAP	Pipe fitting material (aluminum)	TB2701 ↓ 02 03		Removed / replaced with fasteners			
S-70 POS	Pipe insulation	TB2801 ↓ 02 03					

CTL ENVIRONMENTAL SERVICES
FIELD BULK SAMPLE LIST

Technician: N. Sander
Date: 4-2-07
Page: 5 of 5

CLIENT: N. Sander
PROJECT NO.: 107-0008
PROJECT NAME: Santa Monica High School - Technical Bldg.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
NAD	Duct insulation	TB0101 TB0102 TB0103		NOT observed.			
NAD	Gypsum board w/ fiber	TB0201 ↓ A02	Room 1113	T11F10, slusidewall, mustier T113. Rms T200 thru T219. including offices & storage			
NAD	Gypsum board joint compound	TB0201 ↓ A02					
NAD	Domestic water insulation	TB0301	(fiber glass)	mechanical (new) (new) T105			
NAD	Heat water insulation	TB0401	(rockwool)	(Mech room T12)			
NAD	Rock plaster w/ fiber	TB0501 ↓ A03	Take n as of necessary	Room 1113 , and other rooms			
NAD	2" x 4" random glass ceiling panel	TB0701 ↓ A02		Removed			
NAD	Duct floor NAC System	TB1101 ↓ A03		NOT observed			
NAD	12" concrete w/ tile & mastic	TB1401 ↓ A03		NOT observed			
NAD	12" random polyolefin w/ big tile mastic	TB1401 ↓ A03		NOT observed			
NAD	Mastic associated w/ 12" random polyolefin	TB1401 ↓ A03		NOT observed			
3/0 POS	9" beige fiber tile & mastic	TB1501	Mastic 51/2	removed			



AmeriSci Los Angeles

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CARSON, CA 90745
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February 8, 2008

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 908021163
P.O. #107-0008
107-0008; SMMUSD; St. Monica High / English Bldg

Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

E-01, E-02, E-03, E-04, E-05, E-06, E-07, E-08, E-09, E-10, E-11, E-12, E-13, E-14, E-15, E-16, E-17, E-18, E-19, E-20, E-21, E-22, E-23, E-24, E-25

The 25 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Mary S. David". The signature is fluid and cursive, with a large loop at the end.

Mary S. David
Client Services Manager



AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/08/08 **AmeriSci Job #** 908021163
Date Examined 02/08/08 **P.O. #**
Page 1 of 6
RE: 107-0008; SMMUSD; St. Monica High / English Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
E-01 1 Location: Plaster Ceiling	908021163-01	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-02 1 Location: Plaster Ceiling	908021163-02	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-03 1 Location: Plaster Ceiling	908021163-03L1	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Black/Grey, Homogeneous, Non-Fibrous, Basecove			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: No plaster			
E-03 1 Location: Plaster Ceiling	908021163-03L2	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / English Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
E-04 Location: 12" Ceiling Tile & Glue	908021163-04L1	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Brown, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 44 %, Non-fibrous 56 %			
E-04 Location: 12" Ceiling Tile & Glue	908021163-04L2	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Dark Yellow, Heterogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %			
E-05 Location: Brown Flooring	908021163-05	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Brown, Heterogeneous, Fibrous, Flooring Asbestos Types: Other Material: Cellulose 31 %, Non-fibrous 69 %			
E-06 Location: Carpet Glue	908021163-06	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %			
E-07 Location: Drywall	908021163-07	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: White/Brown, Heterogeneous, Fibrous, Drywall Asbestos Types: Other Material: Cellulose Trace, Fibrous glass Trace, Non-fibrous 100 %			
E-08 2 Location: Drywall Jt. Compound	908021163-08	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / English Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
E-09 2 Location: Drywall Jt. Compound	908021163-09	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-10 2 Location: Drywall Jt. Compound	908021163-10	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-11 3 Location: Drywall Joint Compound	908021163-11	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-12 3 Location: Drywall Joint Compound	908021163-12	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-13 3 Location: Drywall Joint Compound	908021163-13	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-14 3 Location: Drywall Joint Compound	908021163-14	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / English Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
E-15 Location: Fire Door Material	908021163-15	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Light Grey, Heterogeneous, Fibrous, Fireproofing			
Asbestos Types:			
Other Material: Cellulose 7 %, Fibrous glass 2 %, Non-fibrous 91 %			
E-16 Location: 12" White Floor Tile	908021163-16L1	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: White, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-16 Location: 12" White Floor Tile	908021163-16L2	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-17 Location: 12" Gray Floor Tile	908021163-17L1	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-17 Location: 12" Gray Floor Tile	908021163-17L2	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
E-18 Location: 12" Blue Floor Tile	908021163-18L1	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / English Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
E-18 Location: 12" Blue Floor Tile	908021163-18L2	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
E-18 Location: 12" Blue Floor Tile	908021163-18L3	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Underlayment Asbestos Types: Other Material: Non-fibrous 100 %			
E-19 Location: Red Flooring	908021163-19	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Brown, Heterogeneous, Fibrous, Flooring Asbestos Types: Other Material: Cellulose 6 %, Non-fibrous 94 %			
E-20 Location: Brown Flooring w/Barrier Paper	908021163-20L1	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Brown, Heterogeneous, Fibrous, Flooring Asbestos Types: Other Material: Cellulose 6 %, Non-fibrous 94 %			
E-20 Location: Brown Flooring w/Barrier Paper	908021163-20L2	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Black, Heterogeneous, Fibrous, Vapor Barrier Asbestos Types: Other Material: Cellulose 14 %, Non-fibrous 86 %			
E-21 4 Location: Stucco	908021163-21	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / English Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
E-22 4 Location: Stucco	908021163-22	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Other Material: Non-fibrous 100 %			
E-23 4 Location: Stucco	908021163-23	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Other Material: Non-fibrous 100 %			
E-24 4 Location: Stucco	908021163-24	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Other Material: Non-fibrous 100 %			
E-25 4 Location: Stucco	908021163-25	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed By: Arturo A. Aldana art alda; Date Analyzed: 2/8/2008 2-8-08

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: [Signature] 2/8/08

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AMERISCI JOB NO: **908021163-**

PAGE 1 OF 3

DUE DATE:

RUSH 24 HR 48 HR 3 DAY 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER			SAMPLING INFORMATION			GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	Notes:
			SIZE	TYPE	#	DATE	TIME	TECH				
E-01		Bulk	N/A	Bag	1	4/4/07	N/A	AT				
-02					1						Plaster ceiling	
-03					1						12" ceiling tile - glass	
-04					1						Brown flooring	
-05					1						Carpet & glass	
-06					1						Driveway	
-07					1						Driveway (K compound)	
-08					1							
-09					1							
-10					1							

SAMPLED BY: (PRINT) Victor Sanchez DATE: 4/4/07 RECEIVED BY: (PRINT) _____

(SIGN) _____ (SIGN) _____

RELINQUISHED BY: (PRINT) Carer Ruydeleob DATE: 4/4/07 RECEIVED BY: (PRINT) _____

(SIGN) Carer Ruydeleob (SIGN) _____

RELINQUISHED BY: (PRINT) _____ DATE: _____ RECEIVED FOR LABORATORY BY: Javelon

(SIGN) _____ (SIGN) _____

DATE: 2/8/07 TIME: 8:00

Ⓢ Positive STD > 1%

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AMERISCI JOB NO: 908021163

PAGE 2 OF 3

DUE DATE:

RUSH 24 HR 48 HR 3 DAY 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY:

ADDRESS:

PHONE:

FAX 1:

FAX 2:

CLIENT

EMAIL:

CONTACT:

PROJECT

PROJECT

STATE:

NAME:

NUMBER:

CONTAINER: P-PLASTIC G-GLASS V-VOA

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES

C-CASSETTES W-WASTE O-OTHER

LAB ID

CLIENT SAMPLE IDENTIFICATION

MATRIX

SIZE

TYPE

#

CONTAINER

DATE

TIME

TECH

SAMPLING INFORMATION

Notes:

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	SIZE	TYPE	#	CONTAINER	DATE	TIME	TECH	SAMPLING INFORMATION	Notes:
E-11		Bulk	N/A	BeS	1		4/4/07	N/A	CP		Drywall joint compound
-12					1						
-13					1						
-14					1						
-15					1						
-16					1						Fin floor material
-17					1						12" white floor tile
-18					1						12" gray floor tile
-19					1						12" black floor tile
-20					1						Red flooring
	Veter Sanchez				1		4/4/07				Brown flooring w/ brown paper

SAMPLED BY: (PRINT)

DATE: 4/4/07

RECEIVED BY: (PRINT)

DATE: 4/4/07

(SIGN)

(SIGN)

RELINQUISHED BY: (PRINT)

[Signature]

RECEIVED BY: (PRINT)

DATE: 4/26/07

(SIGN)

(SIGN)

RELINQUISHED BY: (PRINT)

[Signature]

RECEIVED FOR LABORATORY BY:

DATE: 4/26/07

(SIGN)

(SIGN)

DATE: 4/26/07

TIME: 0805

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMMUSD
 PROJECT NO: 167-0008
 PROJECT NAME: Santa Monica High - English Bldg.

Technician: V. Sanchez
 Date: 4-4-07
 Page: 1 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
NAD	Plaster wall	E101 TO E107	/	E217,			
S70 POR	Soft plaster ceiling	E201 ↓ 02 03	/	E217, E215, E213, E208, E210, 2nd floor corridor E201, E200, E302, E304, E100, E101, E105, E107	14000 sq. ft	N	N
NAD	12" ceiling tile	E301 ↓ 02 03	ceiling soft plaster →	E109A, B, C, D, E113, F115, E117, 1ST FLOOR CORRIDOR			L
NAD	Plaster ceilings	E401 ↓ 02 03		E104A, STAIRWELLS E104 (SOUTH OF DOOR)	1700 sq. ft	N	N
		E01	Stairwell North entrance				
		E02	E104 E114 ATT				
	4" black cardboard gyp	E03	E 100 S/W	E217, E215, E213, E209, E208-E210, HALLWAYS, 1ST FLOOR, E201, E200, E100, E101, E103	2700 sq. ft	N	N
				E107, E113, E115, E117,			L
	Plaster wall	E101 TO E107		E100, E101, E105, E108, E107, E109A-D & N3 E115, E117, E200, E201, E209, E207, E208	24000 sq. ft	N	N
				E10, E302, E301, 1ST FLOOR FLOOR HALLWAYS			L
	ROOF CORE			ROOF			
	ROOF MASSIL			ROOF Penetration			
	check board			PANS, E100, E101, E103, E107, E103, E115 E117, E200, E201, E103, E215, E217	40 ea	N	N

FIELD BULK SAMPLE LIST

Technician: N. Sander
 Date: 4-4-07
 Page: 2 of 3

CLIENT: SMUSD
 PROJECT NO.: 107-0008
 PROJECT NAME: Santa Monica HS

English
blldg

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12" x 12" vinyl tile ceiling tile & glue brown flooring carpet material	E04	E 200 CTN.	RMS 200, E217, E215, E213,	2300 59.70	H	N
		E05	E 217 CTN.	RMS E217, E215, E213, E200, E201 (under carpet)	4200 59.70	N	N
	carpet glue	E06	E 215 SO. CTN.	E 217, E 215, E 213, E 201, E 200	4200 59.70	N	N
	drywall	E07	E 113 N/W	E 215 (north wall) E 213 SO (wall) E 210 EAST WALL E 208 (RMS), E 205 RMS, E 203 RMS, E 203A.	7900 59.70	N	N
	drywall Joist comp	E08	E 113 N/W	E 302 E 304, E 104, E 104B, E 106, E 106A E 110, E 115 NORTH WALL E 113 SO WALL			
		E09	E 304 S/E				
		E10	E 302 EAST CTN.				
		E11	E 210 EAST CTN.				
		E12	E 205 N/E				
		E13	E 106 S/W.				
		E14	E 110 S/E				

FIELD BULK SAMPLE LIST

CLIENT: SUMUSD Technician: V. Sanchez
 PROJECT NO.: 107-0008 Date: 4-4-07
 PROJECT NAME: Santa Monica H.S. Page: 3 of 7
English hldg

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Fine door material	E15	E209 North entrance	E209 North & South doors	4 ea	N	Year
	12" white PVC tile	E16	1st Floor hallway N/E	1st & 2nd Flr (Hallway)	600 sq. ft	N	N
	12" grey PVC tile	E17	↓	1st Flr. 2nd Flr corridors, E104, E203A, E208, E210, E302, E304	4800 sq. ft	N	N
	12" blue speckled PVC tile	E18	E100 S/W	E100, E101, E102, E104, E109, A300E, E113, E115, E117 & Entrances, E15200, E201, E213, E217	7300 sq. ft	N	N
	Red Floorway material	E19	E209 SO. entrance	E209 entrance	2400 sq. ft	N	N
	h board floorway with barrier paper	E20	E105 entrance	E105	225 sq. ft	N	N
	STUVO	E21	N/E	EST. walls & walkway ceilings	5000 sq. ft		
		E22	N/W				
		E23	S/W				
		E24	S/E				
		E25	EASTERN				



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CTL Environmental Services
Fax #: (310) 530-0792

From: Olga K. Katsuk
AmeriSci Job #: 908021164
Subject: PLM 3 day Results
Client Project: 107-0008; SMMUSD; St. Monica
High / Science (Report Amended
6/19/2008)

Email:

Date: Thursday, June 19, 2008
Time: 13:08:07

Number of Pages:

1
(including cover sheet)

Comments:

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PLM Bulk Asbestos Report

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/08/08
Date Examined 02/08/08

AmeriSci Job No. 908021164
P.O. # 107-0008
Page 1 of 3

RE 107-0008; SMMUSD; St. Monica High / Science
(Report Amended 6/19/2008)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3501	908021164-01 Location: 2x4 Fiss. C.P.	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 30 %, Fibrous glass 20 %, Non-fibrous 50 %			
3502	908021164-02 Location: Blue Rectangular Counter	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Blue, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
3503	908021164-03 Location: Carpet	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
3496	908021164-04 Location: Drywall Jt. Compound	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: No Drywall found			

See Reporting notes on last page

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report107-0008; SMMUSD; St. Monica High / Science
(Report Amended 6/19/2008)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3497	908021164-05 Location: Drywall Jt. Compound	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: No Drywall found			
3498	908021164-06 Location: 12" Gray Floor Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: No Mastic found			
3499	908021164-07L1 Location: 12" Lt. Gray Floor Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Flooring			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
3499	908021164-07L2 Location: 12" Lt. Gray Floor Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
3500	908021164-08L1 Location: 12" White Floor Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, Homogeneous, Non-Fibrous, Flooring			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report
 107-0008; SMMUSD; St. Monica High / Science
 (Report Amended 6/19/2008)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3500	908021164-08L2	No	NAD
	Location: 12" White Floor Tile		(by CVES)
			by Olga K. Katsuk on 02/08/08

Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic
Asbestos Types:
Other Material: Non-fibrous 100 %

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
3504	908021164-09	No	NAD
	Location: HVAC Joint Compound		(by CVES)
			by Olga K. Katsuk on 02/08/08

Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100 %

Reporting Notes:

Analyzed By: Olga K. Katsuk ; Date Analyzed: 2/8/2008 6/20/08
 *NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.
 Reviewed By: [Signature] 6/20/08

FIELD BULK SAMPLE LIST

CLIENT: SMUSD

PROJECT NO.: 107-0008

PROJECT NAME: Santa Monica H.S.

Technician: N. Sauer

Date: 4-3-07

Page: 2 of 5

Science Bldg

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
3480 3481	drywall Jowt comp.	3496	S107 S/W.	S107 prep rm elev. rm S104C, B, M, S, S105, S105A, S104, S102P, S102A	19000 SQ FT	N	N
3482 3483	Jowt comp.	3497	S200 S/E	RM S200, S200P, S202, S204P, S204, S201 RM S, S201, S202, S205P, S205, S207	15000 SQ FT	N	N
02901 902 903	2x2 smooth Ruhole ceiling panel	3479 Tech Bldg	/	prep rm, S107, S105, S105A, S104, S102P, S102A, S102, S100P, 1ST & 2nd Flr hallway S	15000 SQ FT	N	N
	12" gray speckled Fur tile	3498	S107 N/W	S200 S200P, S202, S204P, S204, S201, S201P, S209, S205P, S205, S207	13000 SQ FT	N	N
	12" light gray Fur tile	3499	Hallway west c. th	prep rm, S, corridor	600 SQ FT	N	N
	light blue floor sheeking	tech blids 3486	/	1ST & 2nd Flr. Hallway	5200 SQ FT	N	N
	11" white floor tile	3500	S107 S/E	S107, S104, S102, S100, S200, S202, S204, S201, S202, S205	1300 SQ FT	N	N
	HVAC Toner Component	3504	Mechanical rm CTR	Mechanical between HVAc server	100 SQ FT	N	N
	insulated covered with FBI (new)		ceiling spaces silver paper.	Observed fiberglass duct insulation mechanical observed fiberglass			

FIELD BULK SAMPLE LIST

Technician: Seane Seane
 Date: 4-3-07
 Page: 2 of 5

CLIENT: SMUSD
 PROJECT NO.: 107-008
 PROJECT NAME: Sanita House H.S
Bldg

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Rectangular counters (black)	tech bids 3495		prep rm, 5107, 5104, 5102P, 5100, 5200, 5202, 5204, 5207, 5205	1800 sq ft	N	N
	octagon shape counters,	tech bldg			200 sq ft	N	N
	4" black core base & color.	tech bldg.		prep rm, 5107, 5105, 5105A, 5104, 5102P, 5102A, 5100P, 5100A, 5100, 5200, 5200P, 5202, 5204, 5207, 5205, 5205P, 5207	2000 sq ft	N	N
	2x4 fissured ceiling panel.	3501	5101 ctr.	5103, 5101P, 5101A, 5101	2700 sq ft	K	N
	blue rectangular covers	3502	5103 N/E	5103, 5101P.	850 sq ft	N	N
	carpet glue	3503	5101A ctr.	5101A.	20 sq ft	N	N
	STUCCO	POS.	same as tech bldg	EXT. walls on west side & stair walls	1200 sq ft	K	N
	rolled on ROOF CORE.	perm 524		ROOF	9500 sq ft	N	N
	ROOF MASTIC	perm 524		ROOF penetration	50 sq ft	N	N
	check boards	perm 524		perm 524	24 ea.	N	N

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

Technician: N. Sander
 Date: 4-3-07
 Page: 7 of 8

CLIENT: _____
 PROJECT NO.: _____
 PROJECT NAME: Sink Area Hqs. Science Bldg.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
25-87 POS	Tan Gypsum	SC1-1-1 ↓ -2-3	Removed				
NAD	12" brown floor tile + plaster	SC1-2-1 ↓ -2-3	Removed				
T-NAD M-NAD POS	9" brown floor tile + plaster	SC1-3-1	Removed				
T-NAD M-NAD	12" blue floor tile + plaster	SC1-4-1 ↓ -2-3	/	S103, S107	1600 sq. ft	N	N
T-NAD M-NAD	12" gray floor tile + plaster	SC1-5-1 ↓ -2-3	/	S103, S101C (RMS), S101P, S101	2400 sq. ft	N	N
S-1070 POS	9" red floor tile + plaster	SC1-6-1	Removed				
1070 POS	9" gray floor tile + plaster	SC1-7-1	Removed				
1570 POS	Sink undergarings	SC1-8-1 ↓ -2-3	Removed				
NAD	concrete on top sink	SC1-9-1	Not observed				
NAD	Smoke plaster walls + ceiling	SC1-10-1 + SC1-10-7	SC1-10-8 from SC1-10-10	S105, S101C, S101P, S101A, S101B, S103, S104 1st Flr hallway store rm S205, recessed	6700 sq. ft	N	N
B-NAD M-NAD	Black baseboard + plaster	SC1-11-1 ↓ -2-3		S103, S101C, S101A, S101P.	2150 sq. ft	N	N
B-NAD M-NAD	Brown baseboard + plaster	SC1-12-1 ↓ -2-3	Removed				

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

Technician: N. Sandler
 Date: 4-3-07
 Page: 2 of 5
 S of 5

CLIENT: _____
 PROJECT NO.: _____
 PROJECT NAME: Santa Monica High -

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
NAD	New transite fume hood	SC113-1	/	5107, 5205	5 ea.		
B-NAD M-NAD	Tan. bombard. No. 1c	SC114-1 ↓ -3	Removed				
NAD	1 1/2" ceiling tile - straight x metric	SC115-1 ↓ -2 ↓ -3	/	5101 south wall on soffit.	300 sq ft	N	U
7/10/07 15% Mo. POS	Pipe insulation on domestic water	SC116-1 ↓ -2 ↓ -3	NOT observed.				
2/10/07 POS	Transite fume hood cover	SC117-1	NOT observed	(New Fume hood observed)			
5/10/07 15% Mo. POS	Pipe fittings on domestic water	SC118-1 ↓ -3	NOT observed				
AACH POS	Canvas HVAC duct insulation	SC120-1 ↓ -2 ↓ -3	NOT observed				
5/10/07 POS	Laboratory counter top	SC120-1 ↓ -3	NOT observed				
NAD	Fiber. Glo HVAC vibrator damper	SC128-1	NOT observed				
7/10/07 15% Mo. POS	Tank insulation	SC125-1 ↓ -2 ↓ -3	removed.				
NAD	2x4' Lag-in Ceiling panel	SC127-1 ↓ -3	/				
4/10/07 POS	HVAC duct joint tape	SC129-1 ↓ -3	NOT observed				



AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

February 11, 2008

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 908021166
P.O. #107-0008
107-0008; SMMUSD; St. Monica High / Language Arts

Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

L01, L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L13, L14, L15, L16, L17

The 17 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci,

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Mary S. David". The signature is fluid and cursive, with a large, looping initial "M".

Mary S. David
Client Services Manager



AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/08/08 **AmeriSci Job #** 908021166
Date Examined 02/08/08 **P.O. #**
Page 1 of 5
RE: 107-0008; SMMUSD; St. Monica High / Language Arts

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
L01 Location: Carpet Glue Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021166-01	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
L02 Location: 12" Blue Floor Tile Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %	908021166-02L1	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
L02 Location: 12" Blue Floor Tile Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021166-02L2	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
L02 Location: 12" Blue Floor Tile Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Chrysotile 5.0 % Other Material: Non-fibrous 95 %	908021166-02L3	Yes	5 % (by CVES) by Arturo A. Aldana on 02/08/08
L03 Location: Drywall Analyst Description: White/Brown, Heterogeneous, Fibrous, Drywall Asbestos Types: Other Material: Cellulose 3 %, Fibrous glass Trace, Non-fibrous 97 %	908021166-03	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / Language Arts

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
L04	908021166-04	No	NAD
Location: Drywall Jt. Compound			(by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L05	908021166-05	No	NAD
Location: HVAC Joint Compound			(by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L06	908021166-06L1	No	NAD
Location: 12" White Floor Tile			(by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L06	908021166-06L2	Yes	4 %
Location: 12" White Floor Tile			(by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types: Chrysotile 4.0 %			
Other Material: Non-fibrous 96 %			
L07	908021166-07L1	No	NAD
Location: 12" Dk. Gray Floor Tile			(by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L07	908021166-07L2	Yes	4 %
Location: 12" Dk. Gray Floor Tile			(by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types: Chrysotile 4.0 %			
Other Material: Non-fibrous 96 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / Language Arts

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
L08 Location: 12" Fiss. Ceiling Tile	908021166-08	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Light Grey / White, Heterogeneous, Fibrous, Ceiling Tile			
Asbestos Types:			
Other Material: Cellulose 17 %, Fibrous glass 10 %, Non-fibrous 73 %			
L09 Location: 4" Black Covebase & Glue	908021166-09L1	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L09 Location: 4" Black Covebase & Glue	908021166-09L2	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Dark Brown / Yellow, Heterogeneous, Non-Fibrous, Mastics			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L10 Location: 4" Tan Covebase & Mastic	908021166-10L1	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L10 Location: 4" Tan Covebase & Mastic	908021166-10L2	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L10 Location: 4" Tan Covebase & Mastic	908021166-10L3	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Underlayment			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / Language Arts

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
L11 Location: 4" White Flooring	908021166-11	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Light Grey, Heterogeneous, Non-Fibrous, Vinyl Flooring			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L12 Location: 4" Lt. Gray Covebase	908021166-12L1	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Green, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L12 Location: 4" Lt. Gray Covebase	908021166-12L2	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L13 Location: Drywall Jt. Compound	908021166-13	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L14 Location: Drywall Jt. Compound	908021166-14	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
L15 Location: Drywall Jt. Compound	908021166-15	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; SMMUSD; St. Monica High / Language Arts

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
L16 Location: Drywall Jt. Compound Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %	908021166-16	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L17 Location: 12" Floor Tile Analyst Description: Grey, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %	908021166-17L1	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L17 Location: 12" Floor Tile Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Chrysotile 4.0 % Other Material: Non-fibrous 96 %	908021166-17L2	Yes	4 % (by CVES) by Arturo A. Aldana on 02/11/08
L17 Location: 12" Floor Tile Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021166-17L3	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08

Reporting Notes:

Analyzed By: Arturo A. Aldana Art Aldana; Date Analyzed: 2/8/2008 2-11-08
 *NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.
 Reviewed By: [Signature] 2/11/08

24416 S Main St, # 308, Carson, CA 90745
Phone (310)834-4868 Fax (310)834-4772

www.amerisci.com

AMERISCI JOB NO: **908021166**

PAGE 22 OF

DUE DATE:

RUSH 24 HR 48 HR 3 DAY 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY:

ADDRESS:

PHONE:

FAX1:

FAX2:

CLIENT CONTACT:

EMAIL:

PROJECT NAME:

PROJECT NUMBER:

PROJECT STATE:

CONTAINER: **P-PLASTIC G-GLASS V-VOA**

MATRIX: **A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES**

C-CASSETTES W-WASTE O-OTHER

LAB ID

CLIENT SAMPLE IDENTIFICATION

MATRIX

SIZE

TYPE

#

DATE

TIME

TECH

SAMPLING INFORMATION

PRESERVATIVES

SAMPLE PH AT LOGIN

Notes:

1 4" Whiteboard
2 4" Ch chip conc b-s-
1 drywall compound
1 12" Ch chip floor tile (2 layers)

SAMPLED BY: (PRINT)

DATE: 4/3/07

RECEIVED BY: (PRINT)

DATE:

(SIGN)

TIME:

(SIGN)

RELINQUISHED BY: (PRINT)

DATE: 2/8/08

RECEIVED BY: (PRINT)

DATE:

(SIGN)

TIME:

(SIGN)

RELINQUISHED BY: (PRINT)

DATE:

RECEIVED FOR LABORATORY BY:

DATE: 2/8/08

(SIGN)

TIME:

(SIGN)

TIME: 0805

Refer to page 1

Nick Sanchez

Carson Bay Labs - Customer Service

K. Arellano

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMWWD
 PROJECT NO.: 107-0008
 PROJECT NAME: Scate Monica High - Language Building

Technician: N. Sander
 Date: 4-3-07
 Page: 1 of 5

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
NAD	Silver roq metal	LL1201 ↓ 02 03					
570 POS	Base flashing roq Paint	LL1301 ↓ 02 03					
2370 POS	Exterior Stucco wall	LL1401 ↓ 02 03		EXT WALLS	6500 sq. ft	N	N
2370 POS	Exterior ceiling Stucco	LL1501 Paint LL1505		Overhangs	2800 sq. ft	N	N
370 POS	Ceiling access Paint	LL1601	Transpire between e-tiles & metal brackets	RM104 thru L116. RM1204 thru L210	20 ca.	N	N
NAD	Marked by chilled water line	LL1701	NOT observed.				
NAD	Rough plaster ceiling	LL1901 Paint LL1904	Sample one area				
NAD	Gypsum Ceiling	LL2001 ↓ 02 03	NO J.C.	RM corridors NOT suit comp.	1900 sq. ft	N	N

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SHMUSD
 PROJECT NO.: 157-0008
 PROJECT NAME: Santa Monica High - Language Building

Technician: V. Sander
 Date: 4-3-07
 Page: 2 of 5

Language Library Bldg

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
NAD	Pipe insulation on chilled water lines	LL0101 ↓ 02 03					
NAD	Pipe fitting insulation on chilled water lines	LL0201 ↓ 02 03					
0-1570 Pv	Pipe fitting insulation on hot water	LL0301 ↓ 02 03	fiberglass (new)				
NAD	Pipe fitting insulation on hot water	LL0401 ↓ 02 03					
NAD	Rough plaster walls	LL0501 ↓ 02 03		transformer on L107C, L109A (mechanical)	950 sq. ft	N	N
NAD	Type 9 HVAC duct	LL0601 ↓ 02 03	POT observed				
NAD	Smooth plaster walls & ceilings	LL0701 ↓ 02 03		transformer on L107C			
3-2070 PDS	9" beige-tan floor tile	LL0801 ↓ 02 03		L210C, L108B	750 sq. ft	N	N
NAD	12" random pegboard ceiling tile	LL0901 ↓ 02 03		L210A, L210B, L210C, L210E			
NAD	Ceiling tile master	LL09A01 ↓ 02 03					
NAD	Gypsum board panel walls	LL1001 ↓ 02 03	(POT comp.)	L210D, L210E, L210F, L210G, L210H, L210I, L210J, L210K, L210L, L210M, L210N, L210O, L210P, L210Q, L210R, L210S, L210T, L210U, L210V, L210W, L210X, L210Y, L210Z	1800 sq. ft	N	N
NAD	Vinyl stair tread	LL1101	POT observed	L113, L114, L115, L116			

CIL ENVIRONMENTAL SERVICES
FIELD BULK SAMPLE LIST

CLIENT: SMUSD
PROJECT NO.: 107-0008
PROJECT NAME: Santa Monica H.S.

Technician: V. Sunka
Date: 4-3-07
Page: 4 of 5

Langevin
Library
Bldg.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12" white Por tile	L06	2nd. N/E corridor WEST CTN	2nd Flr corridor. 1st Flr corridor	400 59. FT	N	N
	12" dark grey speckled Floor tile	L07	↓	2nd floor corridor. 1st Flr corridor	1500 59. FT	N	N
	12" fissured ceiling tile	L08	1st floor corridor S/E	2nd flr. corridor. 1st Flr corridor	1750 59. FT	F	N
	12" fissured c.t. glue	Assumed	↓		↓	N	N
	4" black core hole square	L09	L114 N/E	L-210, L208, L206, L204, L205, L104, L105 L106, L107, L108, L109, L114, L108A corridors	3200 41. FT	N	N.
	4" Tan core hole square	L10	L108B S/W	L108B, L200C.	120 41. FT	N	N.
	white flooring material	L11	stairwell 1 S/E	stairwell 1 (south)	40 57. FT	N	N
	4" light green core hole	L12	stairwell 1 S/E	stairwell 1 (south)	70 41. FT	N	N
	chisel boards	Assumed		RMS L104, L105, L106, L107, L108, L109, L110 L111, L112, L113, L114, L115, L116, L117, L118.	60 ea.	N	N.
	packed on ROOF CORE	Assumed		ROOF	16000 59. FT	N	N
	ROOF MATERIAL	Assumed		ROOF penetration	200 59. FT	N	N.

FIELD BULK SAMPLE LIST

CLIENT: SMVUSD Technician: N. Sember
 PROJECT NO: 1070008 Date: 4-30-07
 PROJECT NAME: Santa Monica H.S. Page: 5 of 5
Language
Library
blldy

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	drywall	L13	L118 N/E	R.N'S L208D, L206D, L206A, L207A	3500	N	N
	Joint compound	L14	L117 S/E	L207D, L123A, L107A, L118, L117, L117C, L117B	59.75		N
		L15	L208A / L206 N/W				
		L16	L123A N/W				
	12" light gray For tile (chairs)	L17	L117 N/E	L117, L118	1700	N	N
	Inspected crawl space for yeasts along side perimeter foundation				59.75		
	observed loose clean soil no TSI observed						
	inspected several ceiling space areas, a classroom & corridors						
	observed fiberglass insulation over HVAC ducts no TSI observed						
	mechanical & electrical observed fiberglass TSI.						
	Rooms L101 thru L103 & L200 thru L203 are additions (new)						



AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

February 8, 2008

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 908021162
P.O. #1007-0008
1007-0008; SMMUSD; St. Monica High School / North/So. Gyms

Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

NPS-01, NPS-02, NPS-03, NPS-04, NPS-05, NPS-06, NPS-07, NPS-08, NPS-09, NPS-10, NPS-11, NPS-12, NPS-13, NPS-14, NPS-14A, NPS-15, NPS-15A, NPS-16, NPS-17, NPS-18, NPS-19, NPS-20, NPS-21, NPS-22, NPS-23, NPS-24, NPS-25, NPS-26, NPS-27, NPS-28, NPS-29, NPS-30, NPS-31, NPS-32, NPS-33, NPS-34, NPS-35

The 37 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,



Mary S. David

Client Services Manager



AmeriSci Los Angeles

24416 S. Main Street, Ste 308

Carson, California 90745

TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: Cesar R.
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/08/08

Date Examined 02/08/08

AmeriSci Job # 908021162

P.O. #

Page 1 of 9

RE: 1007-0008; SMMUSD; St. Monica High School / North/So.
Gyms

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-01 Location: Drywall	908021162-01	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Off-White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 4 %, Fibrous glass 2 %, Non-fibrous 94 %			
NPS-02 1 Location: Drywall Jt. Compound	908021162-02	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: Drywall not found in sample.			
NPS-03 1 Location: Drywall Jt. Compound	908021162-03	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: Drywall not found in sample.			
NPS-04 1 Location: Drywall Jt. Compound	908021162-04	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: Drywall not found in sample.			

PLM Bulk Asbestos Report

1007-0008; SMMUSD; St. Monica High School / North/So. Gyms

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-05 1 Location: Drywall Jt. Compound	908021162-05	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<p>Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound</p> <p>Asbestos Types:</p> <p>Other Material: Non-fibrous 100 %</p> <p>Comment: Drywall not found in sample.</p>			
NPS-06 1 Location: Drywall Jt. Compound	908021162-06	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<p>Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound</p> <p>Asbestos Types:</p> <p>Other Material: Non-fibrous 100 %</p> <p>Comment: Drywall not found in sample.</p>			
NPS-07 1 Location: Drywall Jt. Compound	908021162-07	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<p>Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound</p> <p>Asbestos Types:</p> <p>Other Material: Non-fibrous 100 %</p> <p>Comment: Drywall not found in sample.</p>			
NPS-08 1 Location: Drywall Jt. Compound	908021162-08	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<p>Analyst Description: Beige, Homogeneous, Non-Fibrous, Joint Compound</p> <p>Asbestos Types:</p> <p>Other Material: Non-fibrous 100 %</p> <p>Comment: Drywall not found in sample.</p>			
NPS-09 Location: 4" Black Cove Base & Glue	908021162-09L1	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<p>Analyst Description: Black, Homogeneous, Non-Fibrous, Cove Base</p> <p>Asbestos Types:</p> <p>Other Material: Non-fibrous 100 %</p>			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report1007-0008; SMMUSD; St. Monica High School / North/So.
Gyms

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-09 Location: 4" Black Cove Base & Glue Analyst Description: Cream, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021162-09L2	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-09 Location: 4" Black Cove Base & Glue Analyst Description: Beige, Homogeneous, Non-Fibrous, Skim Coat Asbestos Types: Other Material: Non-fibrous 100 %	908021162-09L3	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-10 Location: 2x4 Fiss. Ceiling Panel Analyst Description: White/Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 35 %, Mineral Wool 25 %, Non-fibrous 40 %	908021162-10	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-11 2 Location: 4" Plaster Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile <1. % Other Material: Non-fibrous 100 %	908021162-11	Yes	Trace (<1 %) (by CVES) by Paola Ducoing on 02/08/08
NPS-12 2 Location: 4" Plaster Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021162-12	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-13 3 Location: Plaster Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021162-13	No	NAD (by CVES) by Paola Ducoing on 02/08/08

PLM Bulk Asbestos Report

1007-0008; SMMUSD; St. Monica High School / North/So. Gyms

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-14 3 Location: Plaster	908021162-14	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
NPS-14A 3 Location: Plaster	908021162-15	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
NPS-15 3 Location: Plaster	908021162-16	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
NPS-15A 3 Location: Plaster	908021162-17	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
NPS-16 Location: 6" Black Covebase & Glue	908021162-18L1	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %			
NPS-16 Location: 6" Black Covebase & Glue	908021162-18L2	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report1007-0008; SMMUSD; St. Monica High School / North/So.
Gyms

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-17 Location: 12" Random Peghole & Mastic Analyst Description: Brown/Tan, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 60 %, Non-fibrous 40 %	908021162-19	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-18 Location: Drywall Analyst Description: Off-White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 4 %, Fibrous glass 2 %, Non-fibrous 94 %	908021162-20	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-19 Location: 12" Grey Speckled Floor Tile & Mastic Analyst Description: Grey, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %	908021162-21L1	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-19 Location: 12" Grey Speckled Floor Tile & Mastic Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Cellulose 4 %, Non-fibrous 96 %	908021162-21L2	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-20 Location: 9" Lt. Brown Floor Tile & Mastic Analyst Description: Tan, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Chrysotile 6.0 % Other Material: Non-fibrous 94 %	908021162-22L1	Yes	6 % (by CVES) by Paola Ducoing on 02/08/08
NPS-20 Location: 9" Lt. Brown Floor Tile & Mastic Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Chrysotile 3.0 % Other Material: Cellulose 7 %, Non-fibrous 90 %	908021162-22L2	Yes	3 % (by CVES) by Paola Ducoing on 02/08/08

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report1007-0008; SMMUSD; St. Monica High School / North/So.
Gyms

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-21 Location: 6" Brown Covebase & Glue Analyst Description: Brown, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %	908021162-23L1	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-21 Location: 6" Brown Covebase & Glue Analyst Description: Brown, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021162-23L2	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-22 Location: Brown Floor Sheeting Analyst Description: Brown/Black, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 65 %, Non-fibrous 35 %	908021162-24	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-23 Location: 12" Fiss. Ceiling Tile & Glue Analyst Description: White/Grey, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 35 %, Mineral Wool 25 %, Non-fibrous 40 %	908021162-25L1	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-23 Location: 12" Fiss. Ceiling Tile & Glue Analyst Description: Yellow, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021162-25L2	No	NAD (by CVES) by Paola Ducoing on 02/08/08
NPS-24 Location: 2'x4' Smooth Ceiling Panel Analyst Description: Grey/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Mineral Wool 65 %, Non-fibrous 35 %	908021162-26	No	NAD (by CVES) by Paola Ducoing on 02/08/08

See Reporting notes on last page

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report1007-0008; SMMUSD; St. Monica High School / North/So.
Gyms

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-25 Location: 12" Yellow Floor Tile	908021162-27L1	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-25 Location: 12" Yellow Floor Tile	908021162-27L2	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-26 Location: 12" White Floor Tile	908021162-28L1	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-26 Location: 12" White Floor Tile	908021162-28L2	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-27 Location: 12" Lt. Blue Floor Tile	908021162-29	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Blue, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-28 4 Location: Stucco	908021162-30	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report1007-0008; SMMUSD; St. Monica High School / North/So.
Gyms

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-29 4 Location: Stucco	908021162-31	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-30 4 Location: Stucco	908021162-32	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-31 4 Location: Stucco	908021162-33	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-32 4 Location: Stucco	908021162-34	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-33 4 Location: Stucco	908021162-35	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: White/Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
NPS-34 4 Location: Stucco	908021162-36	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			


Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

1007-0008; SMMUSD; St. Monica High School / North/So. Gyms

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-35	908021162-37	No	NAD
Location: Stucco Barrier Paper			(by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 75 %, Non-fibrous 25 %			

Reporting Notes:

Analyzed By: Paola Ducoing ; Date Analyzed: 2/8/2008 2/8/08
 *NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:  2/11/08

AMERISCI
CHAIN OF CUSTODY RECORD

24416 S Main St., # 308, Carson, CA 90745
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AMERISCI JOB NO: **908021132-**

PAGE **1** OF **4**

DUE DATE:
 RUSH 24 HR 48 HR 3 DAY 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE: _____ P.O.# _____

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER			SAMPLING INFORMATION			RECEIVED BY: (PRINT)	DATE	TIME
			SIZE	TYPE	#	DATE	TIME	TECH			
NPS-01		Bulk	N/K	Bag	1	4/10/07	n/a	V.S.			
-02											
-03											
-04											
-05											
-06											
-07											
-08											
-09											
-10											
SAMPLED BY: (PRINT) Victor Sanchez									RECEIVED BY: (PRINT)	DATE	TIME
RELINQUISHED BY: (PRINT) [Signature]									(SIGN)		
RELINQUISHED BY: (PRINT) [Signature]									RECEIVED BY: (PRINT)	DATE	TIME
RELINQUISHED BY: (PRINT) [Signature]									(SIGN)		
RELINQUISHED BY: (PRINT) [Signature]									RECEIVED FOR LABORATORY BY:	DATE	TIME
RELINQUISHED BY: (PRINT) [Signature]									(SIGN)		

GRAB (G) OR COMPOSITE (C) _____ PRESERVATIVES _____ SAMPLE PH AT LOGIN _____

Notes:

Drywall
 Drywall Jt. Comp.

4th block one 6.5' x 8' gl.
 2nd fl. g.s.s. ceiling panel

DATE: **2/8/08**
 TIME: **0808**

DATE: **2/8/08**
 TIME: **0808**

AMERISCI LOS ANGELES
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AMERISCI JOB No: **908021162-**

908021162-

PAGE 2 OF 4

DUE DATE:

RUSH 24 HR 48 HR 72 HR 5 DAY 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY:

ADDRESS:

PHONE:

FAX 1:

FAX 2:

CLIENT CONTACT:

EMAIL:

PROJECT NAME:

PROJECT NUMBER:

PROJECT STATE:

CONTAINER: P-PLASTIC G-GLASS V-VOA

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES

C-CASSETTES W-WASTE O-OTHER

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER			SAMPLING INFORMATION		
			SIZE	TYPE	#	DATE	TIME	TECH
	NPS-11	Bulk	N/A	Bag	1	4/5/07	N/A	V.S
	-12				1			
	-13				1			
	-14				1			
	-15A				1			
	-15B				1			
	-16				1			
	-17				1			
	-2018				1			

Notes:

Asbestos Plus
 4th floor - 4th floor
 2nd floor - 2nd floor
 1st floor - 1st floor
 6th floor concrete slabs
 10th floor random pockets & inside
 Drywell

SAMPLED BY: (PRINT)

Victor Sanchez

DATE: 4/5/07

RECEIVED BY: (PRINT)

(SIGN)

RELINQUISHED BY: (PRINT)

Victor Sanchez

DATE: 2/8/08

RECEIVED BY: (PRINT)

(SIGN)

RELINQUISHED BY: (PRINT)

Victor Sanchez

RECEIVED FOR LABORATORY BY:

(SIGN)

on enc. - when 7/07

DATE: 2/8/08
 TIME: 1:00
 DATE: 2/8/08
 TIME: 1:00

AMERISCI LOS ANGELES
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AMERISCI JOB NO: **908021162-**

PAGE 4 OF 4

DUE DATE:

RUSH 24 HR 48 HR 7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER			SAMPLING INFORMATION			TECH	Notes:
			SIZE	TYPE	#	DATE	TIME	DATE		
	NPS-29	Bulk	N/A	Bag	1	4/18/07	N/A	CR	Shredded Paper	
	-30				1					
	-31				1					
	-32				1					
	-33				1					
	-34				1					
	-35				1					

GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	DATE	TIME

SAMPLED BY: (PRINT)	DATE: 4/18/07	RECEIVED BY: (PRINT)	DATE:
Victor Sanchez			
(SIGN)		(SIGN)	
RELINQUISHED BY: (PRINT)	DATE: 4/18/07	RECEIVED BY: (PRINT)	DATE:
John Peralta			
(SIGN)		(SIGN)	
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE:
John Peralta		Victor Sanchez	4/18/07
(SIGN)		(SIGN)	TIME:

A. Sanchez

CTL ENVIRONMENTAL SERVICES
FIELD BULK SAMPLE LIST

CLIENT: SKWSD
PROJECT NO.: 107-0008
PROJECT NAME: Santa Monica bl. S.

NO. Gym
Pool
A
South Gym

Technician: V. Sumbur
Date: 4-5-07
Page: 2 of 4

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	2x4 Fiss Dred C Panel	NPS10	basement office CTR	basement office, no. gym west & so. corridor, SG14, SG15, 50-gym basement corridors SG102.	3600 sq. ft 56102.	Y	N
	Plaster	NPS11	basement N/W STAIRWELL N/E	basement N/W STAIRWELL, N112, N115 1ST FUR. N/W STAIRWELL, N110, N100, N123, N140	31500 59. FT		
		NPS12	1ST FUR. N/W STAIRWELL S/W.	N162, N160, N150, basketball court, N135 N6220, P2206, P2102, N212 PO-GYM, EAST			
		NPS13	1ST FUR. basement basketball court N/E	mechanical rm ticket booths - SG11, SG10 SG13, 50-gym S/E, S/W STAIRWELLS			
		NPS14 NPS15 NPS16	SG11 SO-CTR. 50-gym. S/W STAIRWELL WESTERN 50-gym. S/E STAIRWELL S/E SG205 S/E	SG205 dance studio, SG11 , SG206 2nd FUR. S/E & S/W hall, SG205A, SG200, SG201 SG200A, SG200, SG203			
	bin black couched & yke	NPS16	1ST FUR. N/W STAIRWELL S/W	1ST FUR N/W STAIRWELL SG11 N108, N104, N102, N101, N121, N123, N120, N125, N123, N126, N128 N105, N107, N129, N131, N111, P6220, P200A P201A, P111, P112 SG103, SG113, OFFICE Dogs locker rms,	3700 LI. FT	N	N
	12" random polyure EMASTIC	NPS17	no. gym basketball hall court SO. CTR	no. gym basketball court, 90. gym basketball hall court - 50. gym S/W STAIRWELL, SG205, (nailed on on basketball courts) no. E SOUTH GYM BLDGS) no. gym 90. & north side creating away	14000 79. FT	M	N
	drywall	NPS18			45000 99. FT	Y	W

CIL ENVIRONMENTAL SERVICES
FIELD BULK SAMPLE LIST

Technician: Nr. Sander
Date: 4-5-07
Page: 4 of 4

CLIENT: SMW3D
PROJECT NO.: 107-0008
PROJECT NAME: Banta Kowca H.S.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12" yellow floor tile	NP525	SG14 west ctn.	SG14, hoisement corridor.	1750 59. FT	N	N
	12" white floor tile	NP526		SG14, basement hallway	600 59. FT	N	N
	12 light blue speckled floor tile	NP527	SO. GYM S/E basement hallway N/W.	basement hallways, SG102,	1400 59. FT	N	N
	STUCCO	NP528	N/E SO. GYM. @ elev. shaft.	NO. BTH gym exterior walls, Garage area exterior walls	17000 59. FT	N	P
		NP529	S/E NO. GYM	SO. gym, elevator shaft. & N/W side to pool bldg ext. walls			
		NP530	NO. GYM EAST CTR				
		NP531	NO. GYM N/E.				
		NP532	NO. GYM N/W.				
		NP533	NO. GYM Garage Area N/W.				
		NP534	SO. GYM N/E				
	STUCCO hammer Paper	NP535	NO. GYM EAST CTR.		17000 59. FT	N	N

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February 11, 2008

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 908021148
P.O. #32145
107-0008; S.M. High B. Hall

Dear C. Ruvalcaba:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

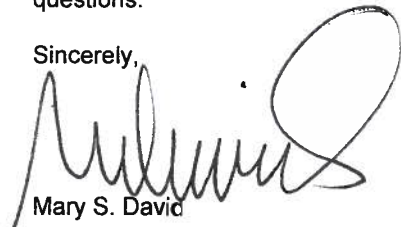
5275, 5276, 5277, 5278, 5279, 5280, 5281, 5282, 5283, 5284, 5285, 5286, 5287, 5288, 5289, 5290, 5291

The 17 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,


Mary S. David

Client Services Manager

Boston - Los Angeles - New York - Richmond

RECEIVED

FEB 14 2008

D.V.



AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: C. Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 02/06/08 **AmeriSci Job #** 908021148
Date Examined 02/07/08 **P.O. #**
Page 1 of 4
RE: 107-0008; S.M. High B. Hall

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5275 Location: Fireproofing Analyst Description: Light Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 25 %, Non-fibrous 75 %	908021148-01	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5276 Location: Fireproofing Analyst Description: Light Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20 %, Non-fibrous 80 %	908021148-02	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5277 Location: Fireproofing Analyst Description: Light Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20 %, Non-fibrous 80 %	908021148-03	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5278 Location: Fireproofing Analyst Description: Light Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 25 %, Non-fibrous 75 %	908021148-04	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5279 Location: Fireproofing Analyst Description: Light Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 25 %, Non-fibrous 75 %	908021148-05	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; S.M. High B. Hall

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5280 Location: Jt. Comp.	908021148-06	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5281 Location: Jt. Comp.	908021148-07	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5282 Location: Jt. Comp.	908021148-08	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5283 Location: Drywall	908021148-09	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5284 Location: Composite Drywall w/ Jt Comp.	908021148-10	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White/Green, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5285 Location: 12"x12" Orange Floor Tile w/Adhsive	908021148-11L1	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Orange, Homogeneous, Non-Fibrous, Flooring			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Client Name: CTL Environmental Services

PLM Bulk Asbestos Report

107-0008; S.M. High B. Hall

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5285 Location: 12"x12" Orange Floor Tile w/Adhsive	908021148-11L2	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
5286 Location: Green C. / Glue	908021148-12	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5287 Location: 4" Green Covebase w/ Adhsive	908021148-13L1	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Green, Homogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %			
5287 Location: 4" Green Covebase w/ Adhsive	908021148-13L2	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %			
5288 Location: 12"x12" Fissued Ceiling Tile	908021148-14	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 30 %, Non-fibrous 70 %			
5289 Location: Duct Sealant	908021148-15	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

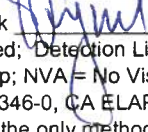
Client Name: CTL Environmental Services

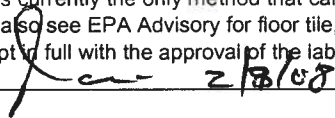
PLM Bulk Asbestos Report

107-0008; S.M. High B. Hall

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5290 Location: Stucco	908021148-16	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Beige/Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5291 Location: Smooth Plaster	908021148-17	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Beige/Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed By: Olga K. Katsuk ; Date Analyzed: 2/7/2008 2/7/08
 *NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:  2/8/08



Asbestos, Lead Analysis Chain of Custody

AMERISCI LOS ANGELES
 24416 S Main St. Suite 308
 Carson, CA 90745
 Phone (310) 834-4868
 Fax (310) 834-4772

AMERISCI JOB #:
908021148

COMPANY: <i>CTL</i>	ADDRESS:	P.O.#: <i>32145</i>					
PROJECT INFORMATION	ANALYSIS TYPE	TURNAROUND TIME					AIR FILTER
		RUSH	24 HR	48 HR	72 HR	5 DAY	INFORMATION:
JOB NAME: <i>s.m. High Bunyan Hall</i>	ASBESTOS TEM AHERA					MCE	
	ASBESTOS PLM BULK			<i>X</i>		PC	
JOB NUMBER: <i>107-0008</i>	ASBESTOS PCM AIR					25 mm	
	ASBESTOS PLM 1000 P.C.					37 mm	
JOB MANAGER: <i>C. Peralta</i>	LEAD AIR					0.45 um	
	LEAD WIPE					0.80 um	
JOB DESCRIPTION:	LEAD PAINT / SOLID					TEMP:	
	OTHER:					OTHER:	

INITIAL RESULTS DELIVERY: FAX EMAIL VERBAL MAIL ONLY

REPORTS TO: _____ PHONE: _____

INVOICE TO: _____ FAX: _____

COMMENTS: _____ EMAIL: _____

PAGER/CELL: _____

RETURN SAMPLES YES _____

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X	LITERS /MIN.	TOTAL VOLUME	AREA SQUARE FT
<i>5275</i>	<i>fireproofing</i>						
<i>76</i>	<i> </i>						
<i>77</i>	<i> </i>						
<i>78</i>	<i> </i>						
<i>79</i>	<i> </i>						
<i>80</i>	<i>St. Comp</i>						
<i>81</i>	<i> </i>						
<i>82</i>	<i> </i>						
<i>83</i>	<i>Drywall</i>						
<i>84</i>	<i>Composite Drywall of St. Comp</i>						
<i>85</i>	<i>12"x12" orange fiber tile w/ Adhesive</i>						
<i>86</i>	<i>Green Carpet - Glue</i>						
<i>87</i>	<i>4" Green Core Base w/ Adhesive</i>						
<i>88</i>	<i>12"x12" fessand ceiling tile</i>						
<i>89</i>	<i>Duct Sealant</i>						
<i>90</i>	<i>Stucco</i>						
<i>91</i>	<i>Smooth Plush</i>						

SAMPLED BY: <i>[Signature]</i>	DATE/TIME: <i>2/5/08</i>	RECEIVED BY: _____	DATE/TIME: _____
RELINQUISHED BY: <i>[Signature]</i>	DATE/TIME: <i>3/6/08</i>	RECEIVED BY: _____	DATE/TIME: _____
RELINQUISHED BY: _____	DATE/TIME: _____	RECEIVED IN LAB BY: <i>[Signature]</i>	DATE/TIME: <i>2/6/08 @ 14:50</i>

FIELD BULK SAMPLE LIST

CLIENT: SMMUSD
 PROJECT NO.: 107-008
 PROJECT NAME: Santa Monica High

Technician: F. Puvion
 Date: 2/1/08
 Page: 1 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	fireproofing	5275	Storage Rm 1 - Ceilings Center	Columns and Beams in 1st floor; Rm 1, Storage 1 & 2, Elevator lobby	4500 sq. ft.	Y	N
		5276	Storage Rm 1 - North West corner				
		5277	Storage Rm 1 - South wall Center				
		5278	Storage Rm 2 - North West corner				
		5279	Storage Rm 2 - South West corner				
	Jt. Comp	5280	Office 1 - East wall Center	Ceiling in Rm 1st floor: 19, 20; Storage 3, walls in Rm Storage 3, Office 1, 2	950 sq. ft.	N	N
		5281	Storage 3 - South West corner				
		5282	Office 2 - North West corner				
	Drywall	5283	Office 1 - East wall Center				
	Composite Drywall	5284	Office 1 - East wall Center				
	12" x 12" Orange floor tile w/ Adhesive	5285	Office 1 - South entrance	Basement Rm 10, 11, 14, 15, 4, Hallway 1 & 2, 1st floor Rm: Elevator lobby; Rm 1, Walkway 1 & 2, Office 1, 2,	6000 sq. ft.	N	N

FIELD BULK SAMPLE LIST

CLIENT: SMMUS D Technician: G. Puvion
 PROJECT NO.: 107-0004 Date: 7/1/08
 PROJECT NAME: Santa Monica High - Bureau Hall Page: 2 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Green Carpet Glue	5286	Office 1 - 1st floor Hall-by Office 1	1st floor Hall, Mezzanine Lobby, Balcony	9000 55 ft	N	N
	4" Green Polyurethane of Adhesive	5287	Walkway 1 - South Center	Basement for 10, 11, 15, 4, Hallway 1, 2, 1st floor Elevator Lobby, Storage 1, 2, 3, 4, 1, Balcony (1/2), Hall, Office 1, 3, Mezz Lobby, Balcony	1000 1.4 ft	N	N
*	12" x 12" Fissured Ceiling Tile	5288	Basement - Hallway 2 - South West Core	Basement Hallway 2, 1st floor Elevator Lobby	500 35 ft	Y	N
	Joint Sealant	5289	Mezz Level - Crewspace under Balcony - Center	Mezz Level - Crewspace under Balcony on HVAC Unit Ducting	20 55 ft	N	N
	Stucco	5290	Exterior - Lobby - West Center	Exterior walls	10000 10000 35 ft	N	N
	Smooth Plaster	5291	Mezz Level - Mezz Pl. North West Core	1st floor walkway 1, 2, Hall, Mezz in rooms, Rf, Lobby Mezz Level Mezz in rooms, Rf, closet 1, 2, Balcony	4800 37 ft	N	N
	Ceiling tile Master	Assumed	Plot Sample Material - Extract	Basement Hallway 2, 1st floor Elevator Lobby	500 37 ft	N	N
	Grey Multi Colored Carpet Glue		(New Material)	Basement R-19, 20	300 59 ft	N	N
	6" Black Covebase w/ Adhesive				150 1.4 ft	I	I

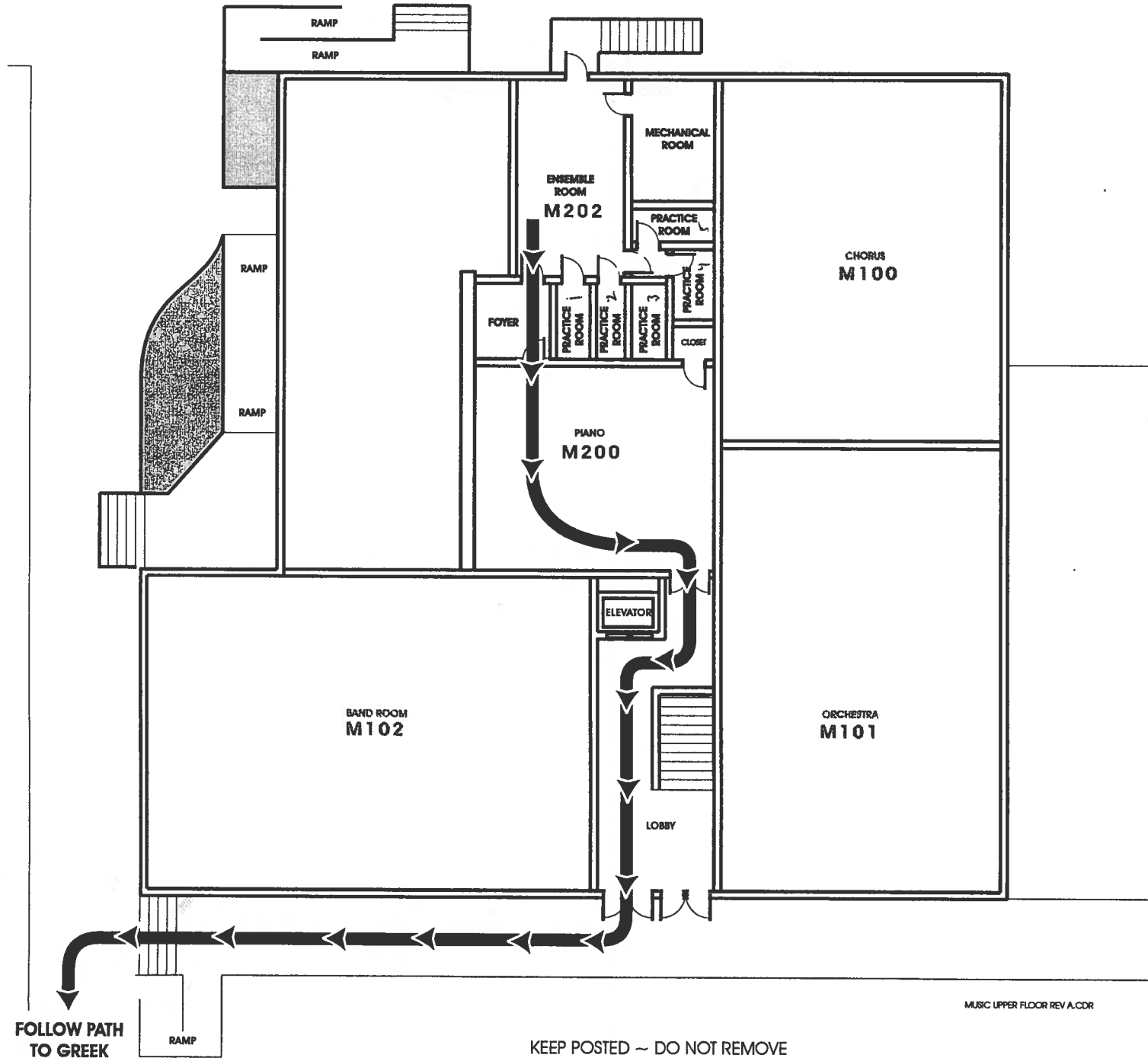
CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMAUS P Technician: F. Funderburk
 PROJECT NO.: 107-008 Date: 3/1/08
 PROJECT NAME: Santa Monica High - Barron Hill Building Page: 3 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
NAD	Smooth plaster wall	SM0101 TO SM0104	Sample on name of last	* See Samples 5291 for Material location	4000 sq. ft.	N	R
NAD	Rough Plaster wall & ceiling	SM0201 TO SM0207	(Cobble)	Basement Electrical Rm 2, Rm 10, 11, 14, 15, 7, Hallway 12, and 14, 15, 1st floor elevator lobby, storage & laundry storage - 4, Teachers closet, Hall, office 1, 2, Mezzanine lobby, Balcony	20000 sq. ft.	N	R
60% POS	Electrical wire insulation	SM0301 TO SM0304		On stage and Parkable Lights	10 sq. ft.	N	R
60% POS	Light fixture gasket	SM0401 TO SM0403		Attic Space Above Hall	10 in. ft.	N	R
NAD	Plaster beam covering	SM0501 TO SM0503		Block A Balcony level	100 sq. ft.	N	R
NAD	Duct tape on HVAC Unit	SM0601 TO SM0603	Material Not observed		-	-	-
NAD	Silver rog notations	SM0701 TO 03	Material Not Inspected	Roof	-	N	R
NAD	Butterfly surface	SM1001 TO 03		Exterior walls	10000 sq. ft.	N	R
3/0 POS	Window ptyly	SM1101 TO 03		Exterior windows	200 in. ft.	N	R
NAD	Pipe insulation on domestic hot water	SM1201	Material Not observed		-	-	-

APPENDIX C
SAMPLE LOCATIONS

EVACUATION ROUTE UPPER LEVEL MUSIC BUILDING

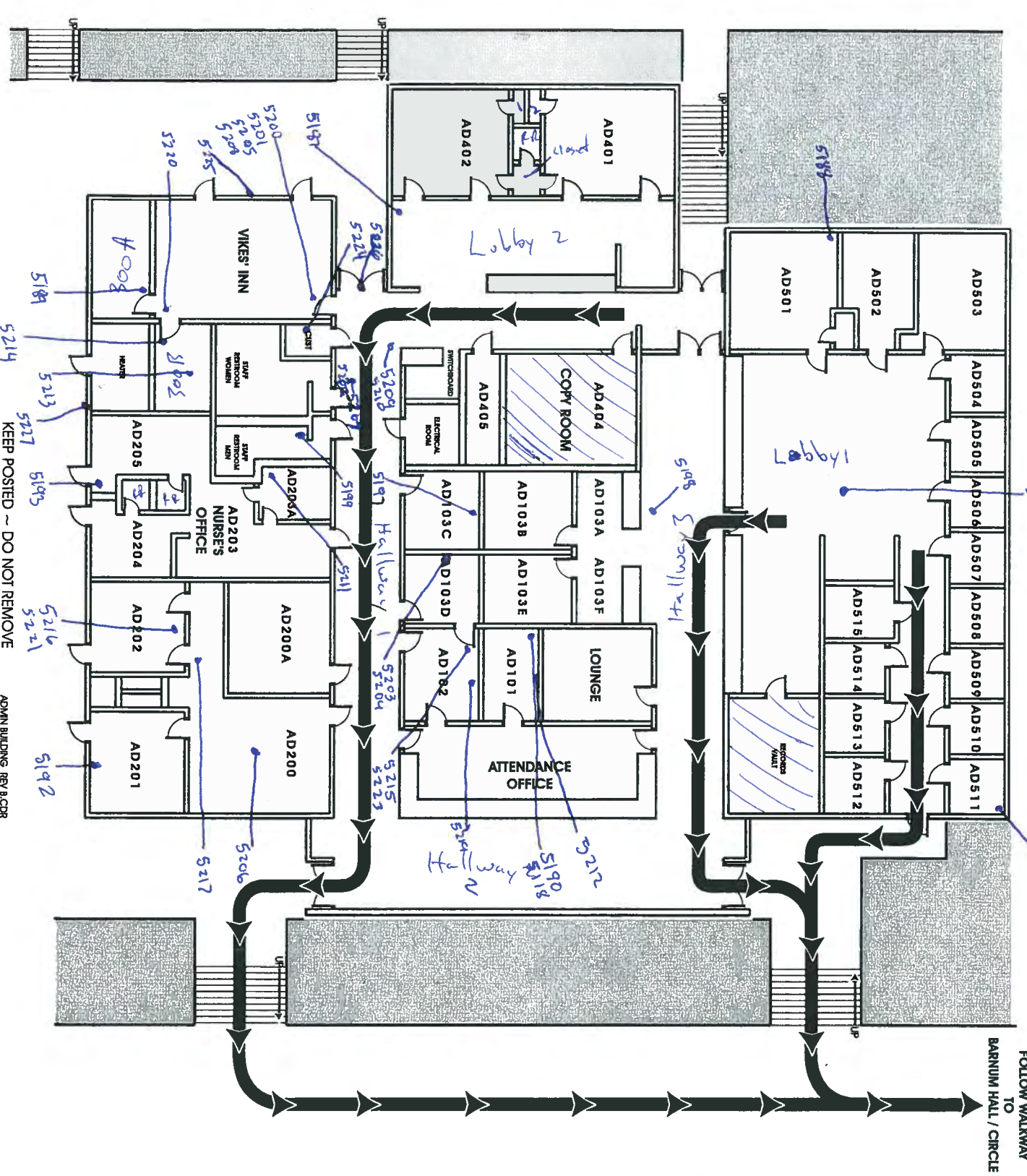


FOLLOW PATH
TO GREEK

KEEP POSTED ~ DO NOT REMOVE

MUSIC UPPER FLOOR REV A.CDR

EVACUATION ROUTE ADMINISTRATION BUILDING



FOLLOW WALKWAY
TO
BARNUM HALL / CIRCLE

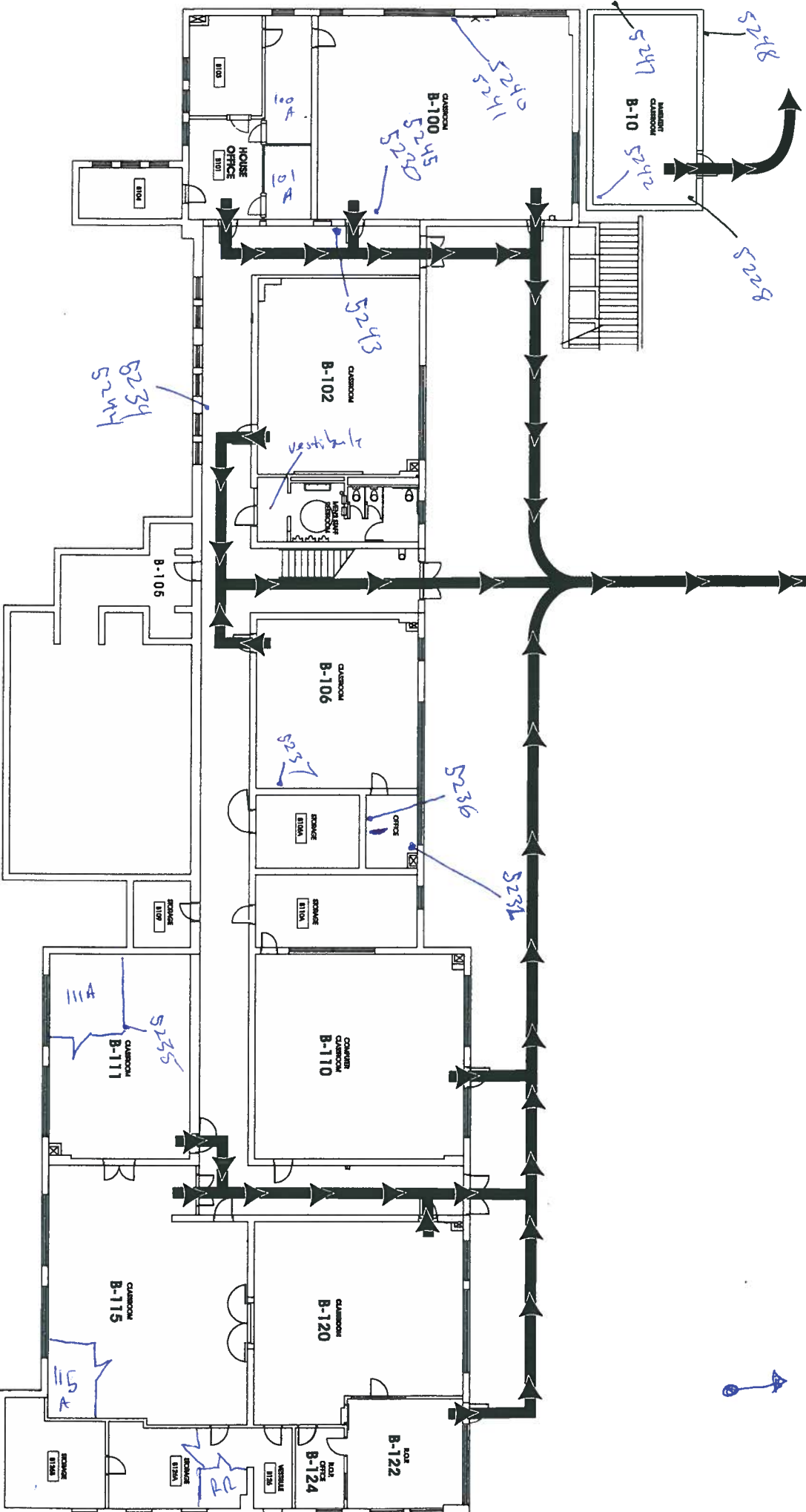
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ADMIN BUILDING REV 13.CDR



EVACUATION ROUTE BUSINESS BUILDING - FIRST FLOOR

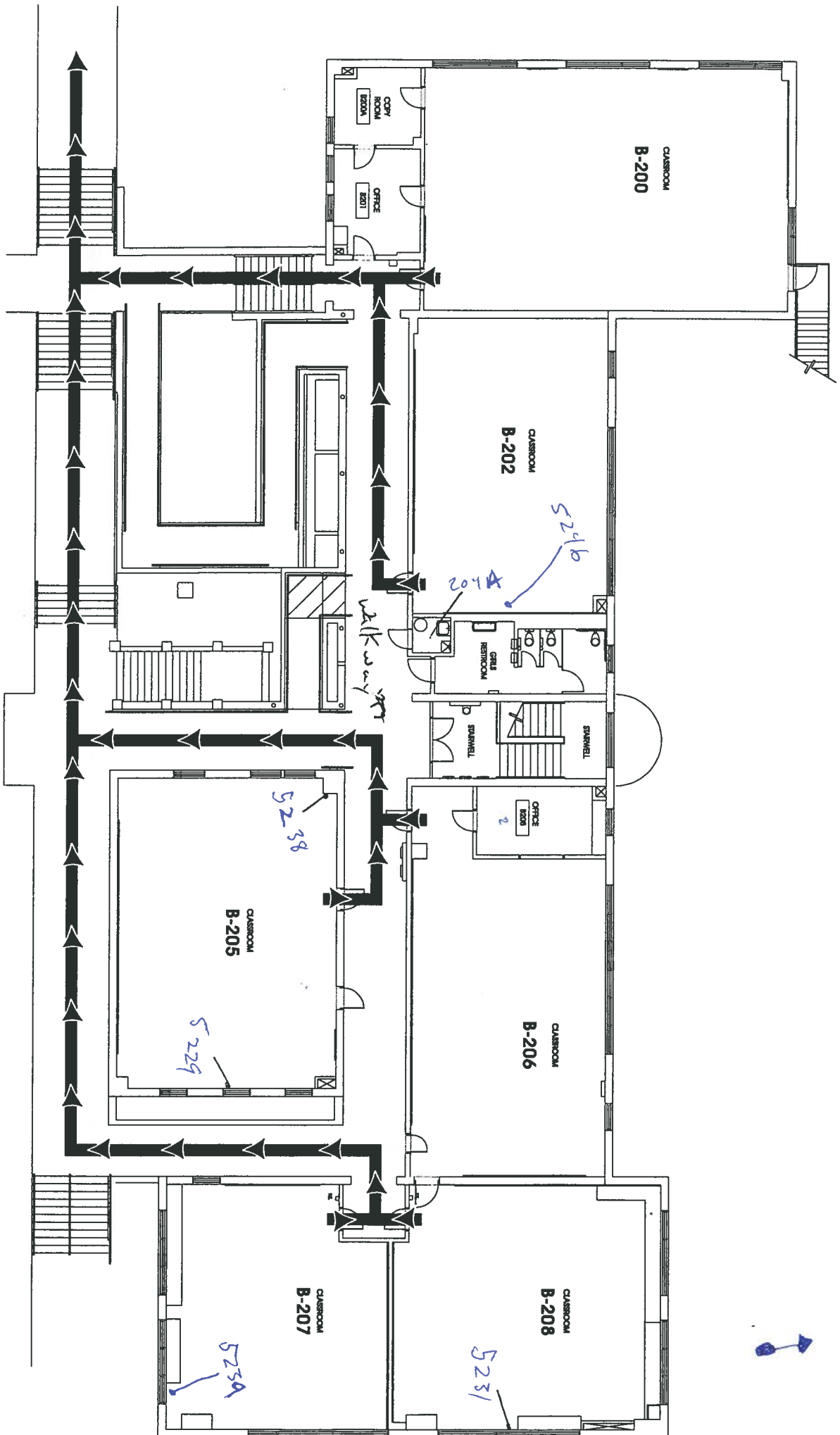
FOLLOW SCIENCE QUAD WALKWAY TO CIRCLE DRIVE
THEN CONTINUE WEST PAST THE NORTH GYM TO THE BASEBALL FIELD



REMOVE IF NOT REVISED

KEEP POSTED ~ DO NOT REMOVE

EVACUATION ROUTE BUSINESS BUILDING - SECOND FLOOR

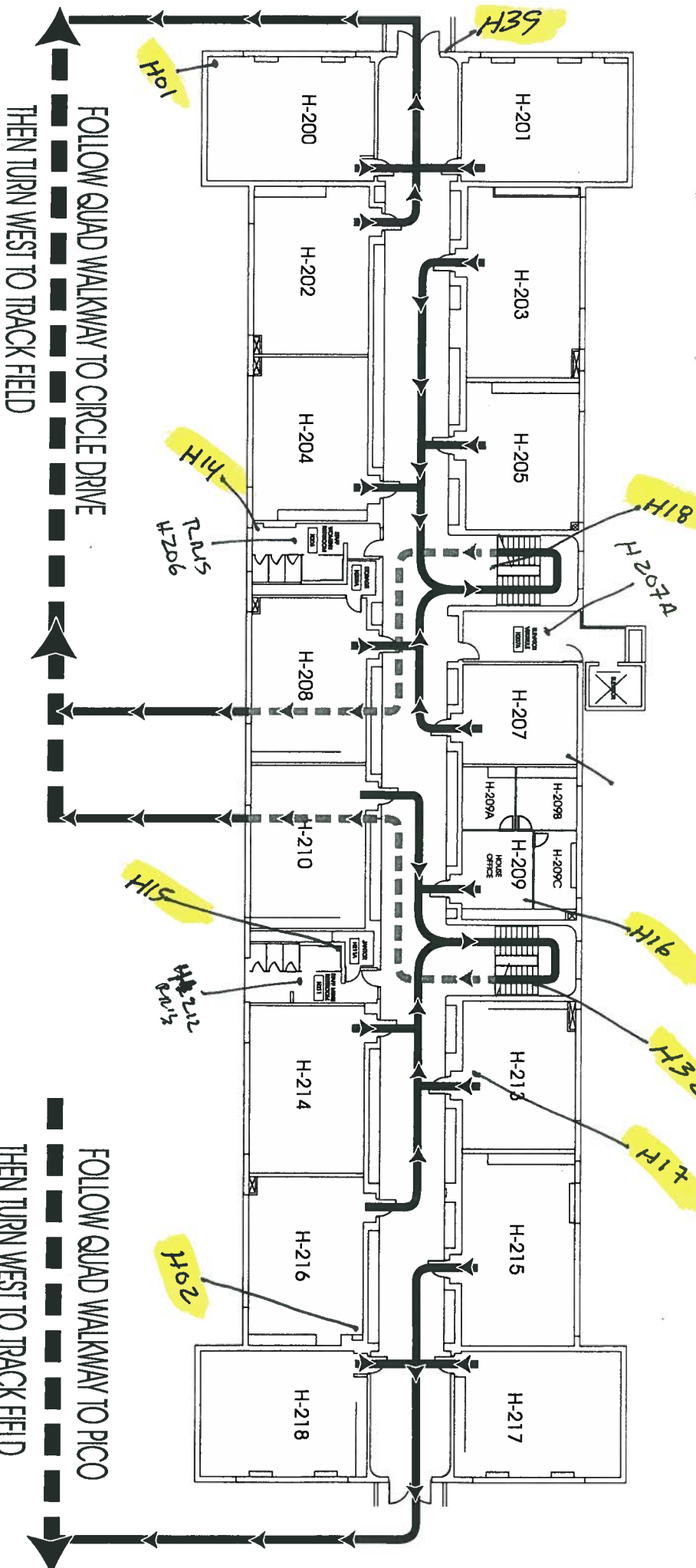


FOLLOW QUAD WALKWAY NORTH
TO CIRCLE DRIVE THEN GO WEST
PAST THE NORTH GYM TO THE BASEBALL FIELD

BUSINESS AND FLOOR REV/ACR

KEEP POSTED ~ DO NOT REMOVE

EVACUATION ROUTE HISTORY BUILDING SECOND FLOOR

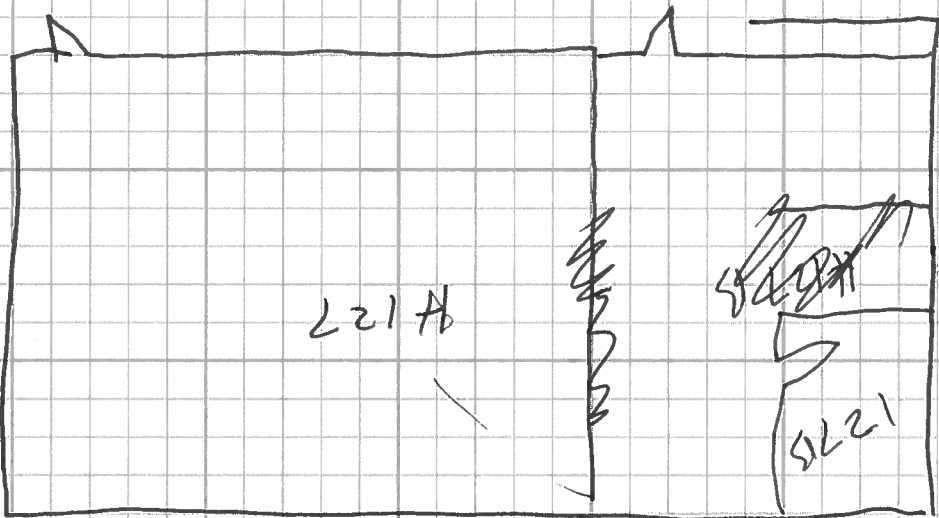
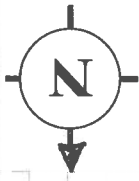


HISTORY 2ND FLOOR Rev. C.CDR
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DRAW BY:		SKETCH:	PAGE
JOB NO:		DATE:	OF
JOB NAME:		SCALE:	
DESCRIPTION:			

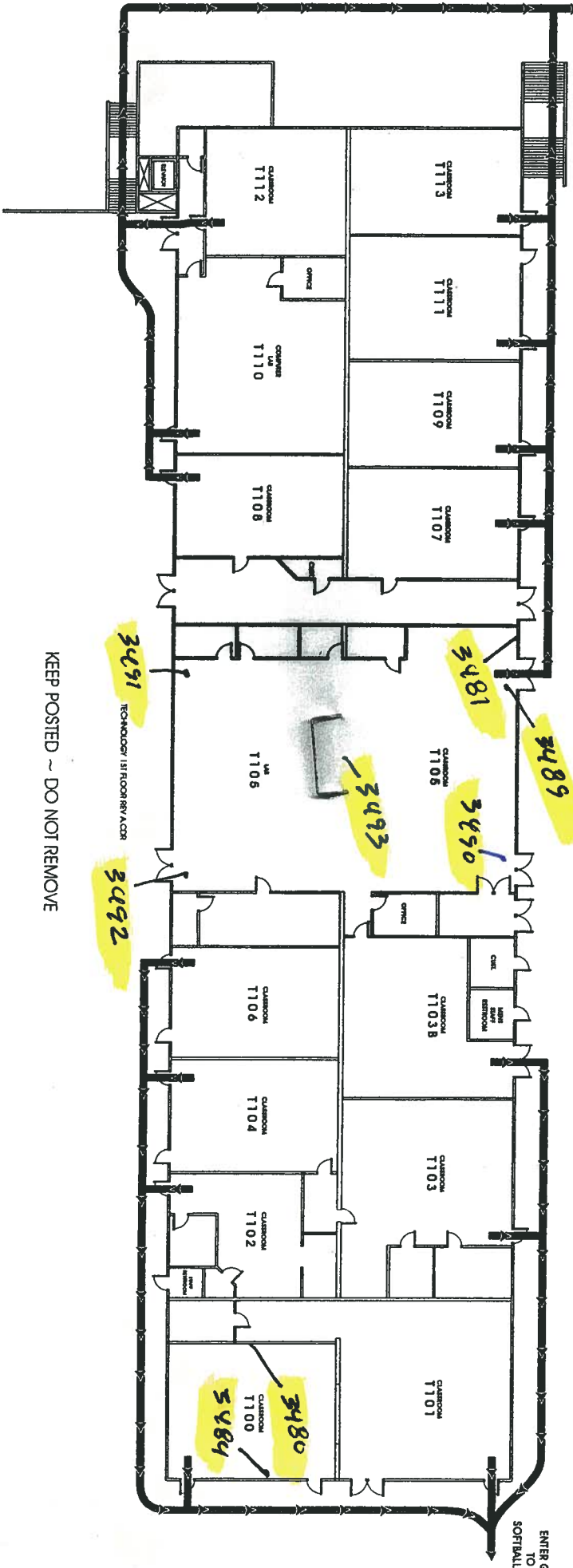
CTL Environmental Services
We're merging with
coffey
environments
A Coffey International
Limited Company



FOLLOW WALKWAY
TO
BASEBALL FIELD

EVACUATION ROUTE FIRST FLOOR TECHNOLOGY BUILDING

ENTER GATE
TO
SOFTBALL FIELD



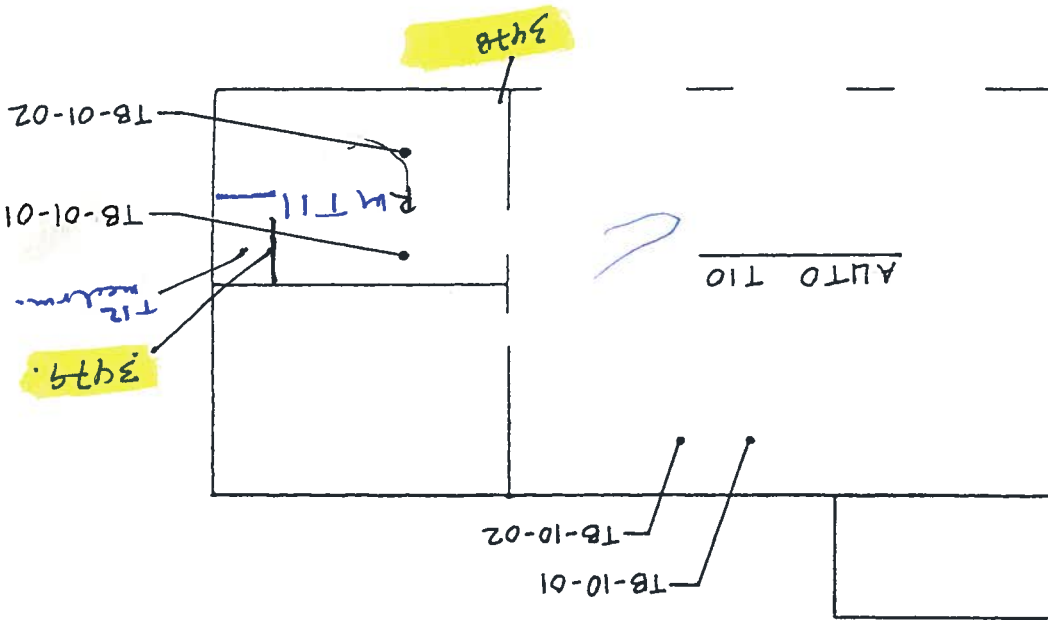
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V. Secker

↖
↗

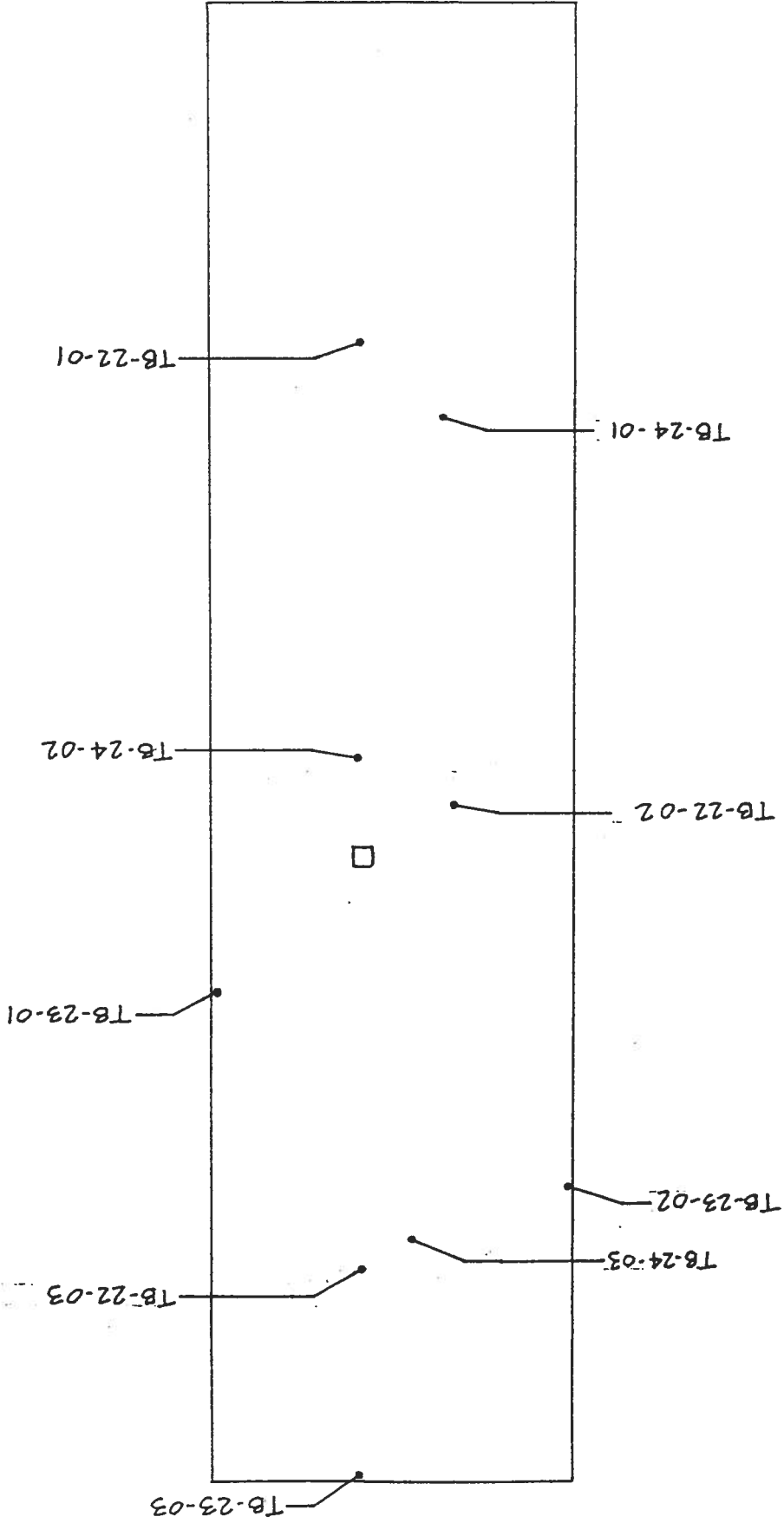
BASEMENT FLOOR PLAN

NOT TO SCALE



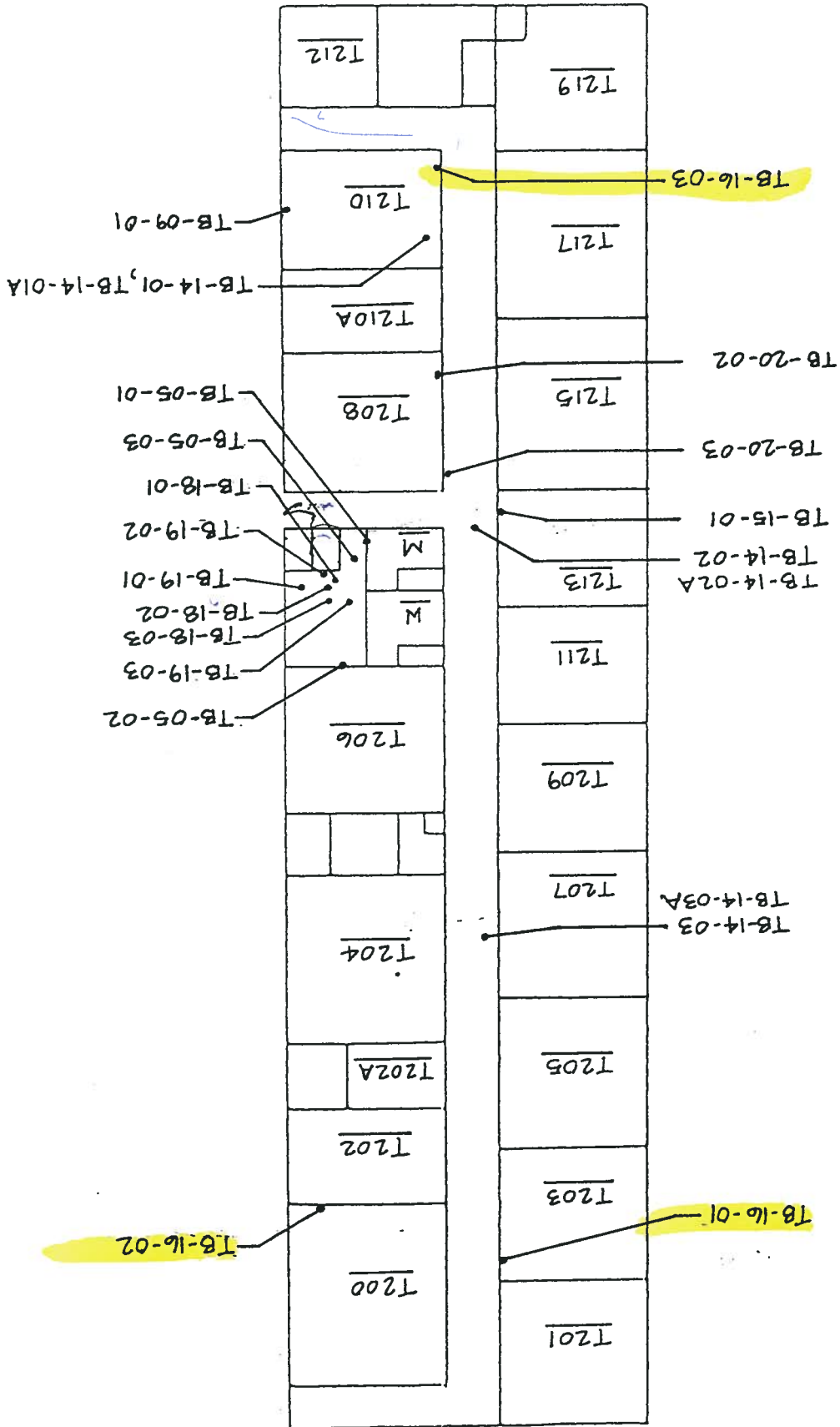


ROOF PLAN
NOT TO SCALE

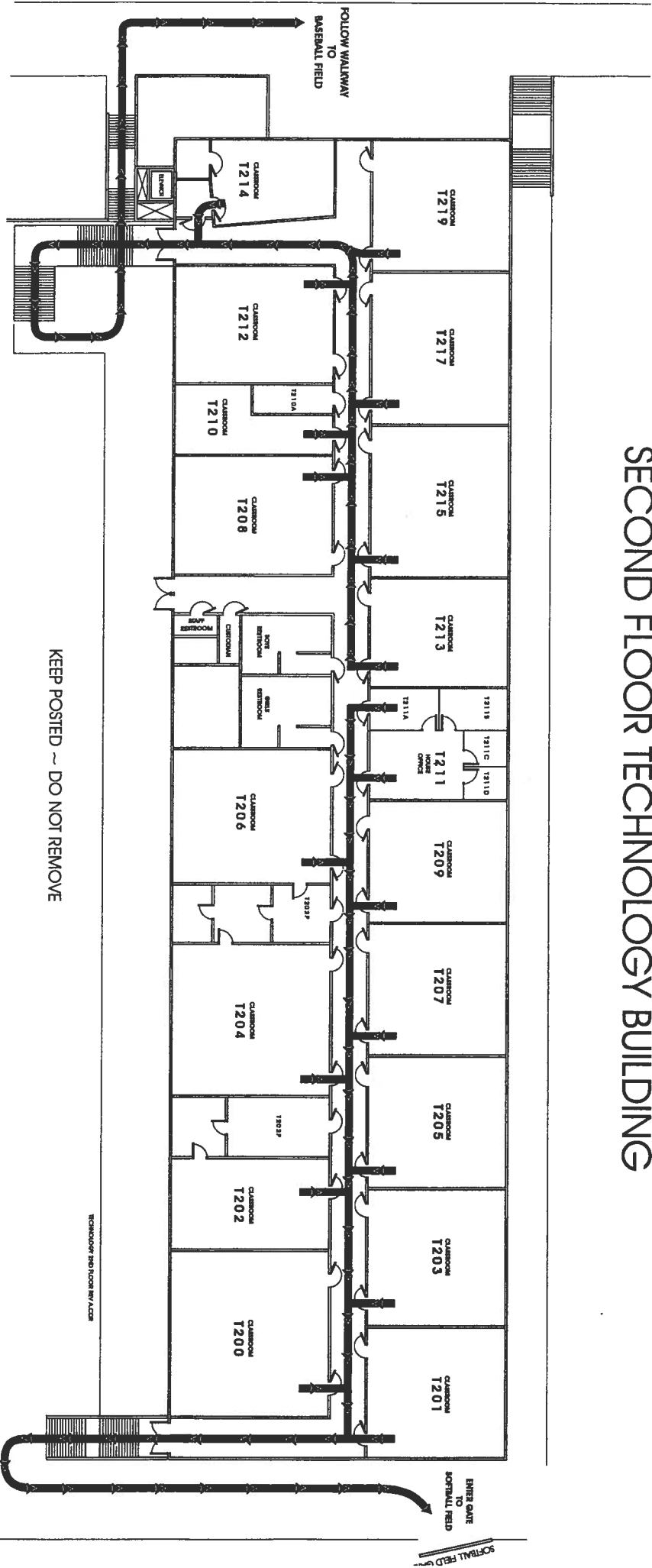




SECOND FLOOR PLAN
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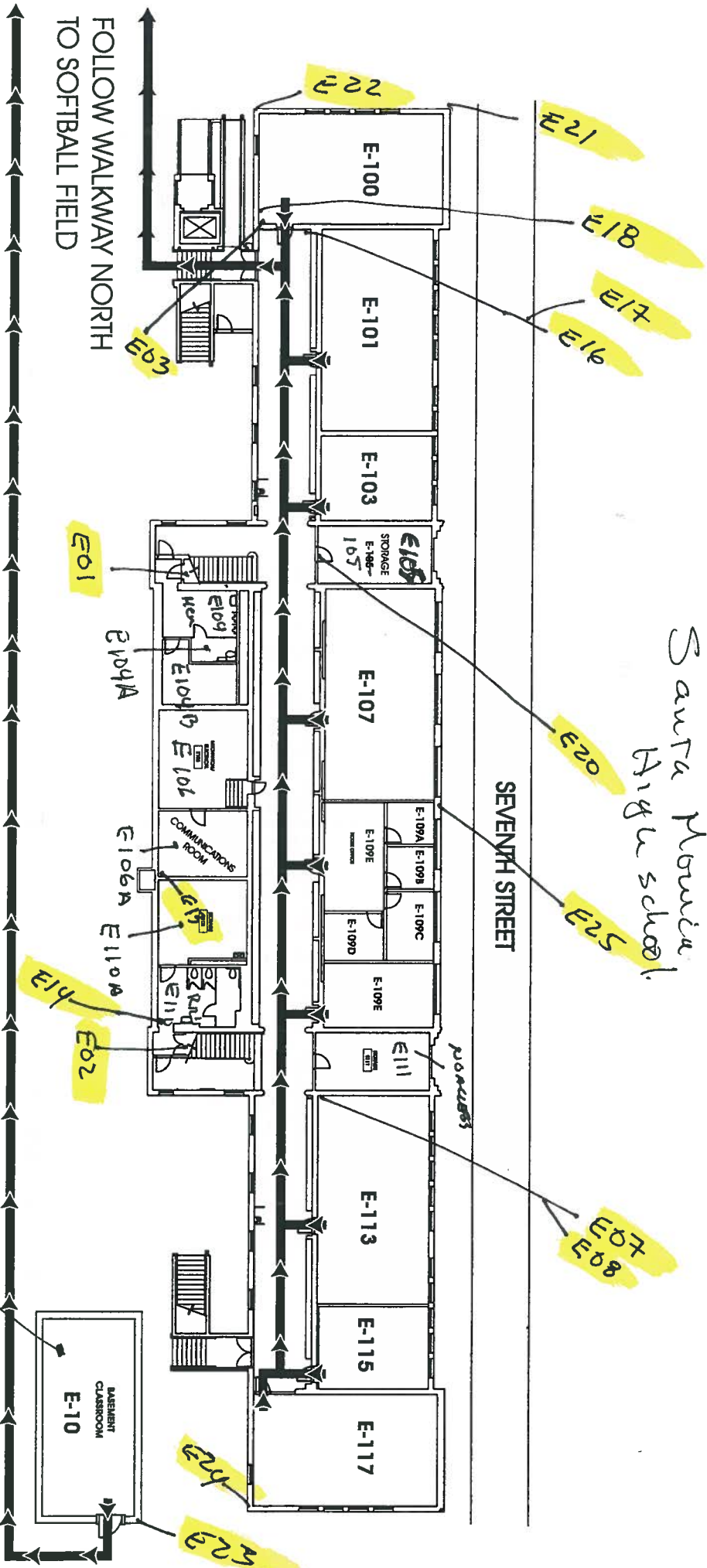


EVACUATION ROUTE SECOND FLOOR TECHNOLOGY BUILDING



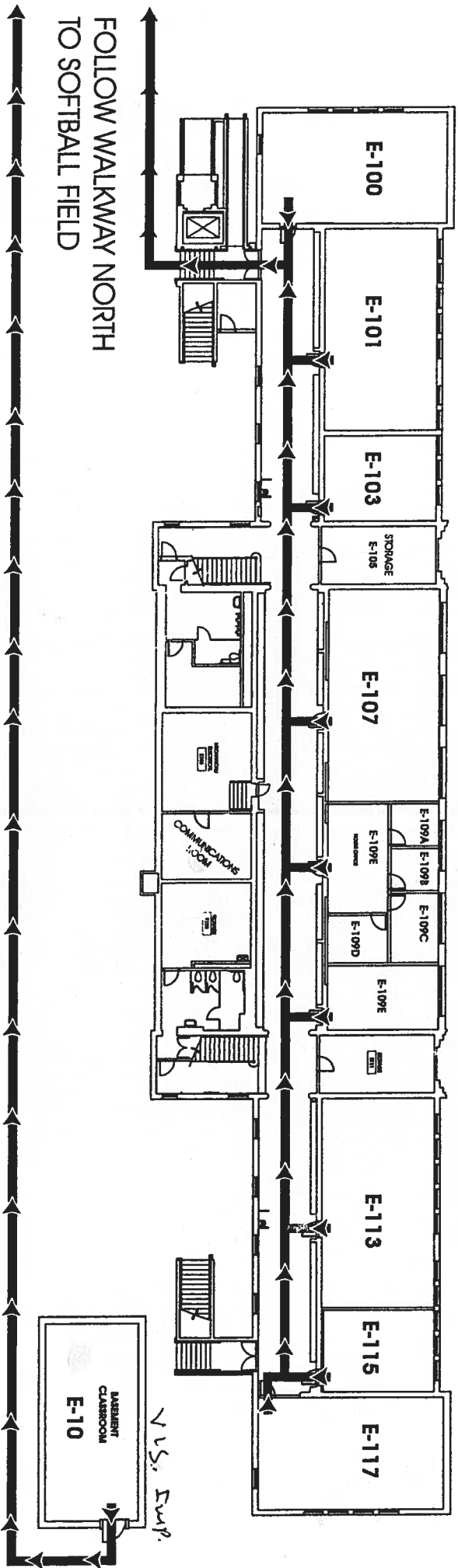
EVACUATION ROUTE ENGLISH BUILDING - FIRST FLOOR

Santa Monica High School



EVACUATION ROUTE ENGLISH BUILDING - FIRST FLOOR

SEVENTH STREET



N

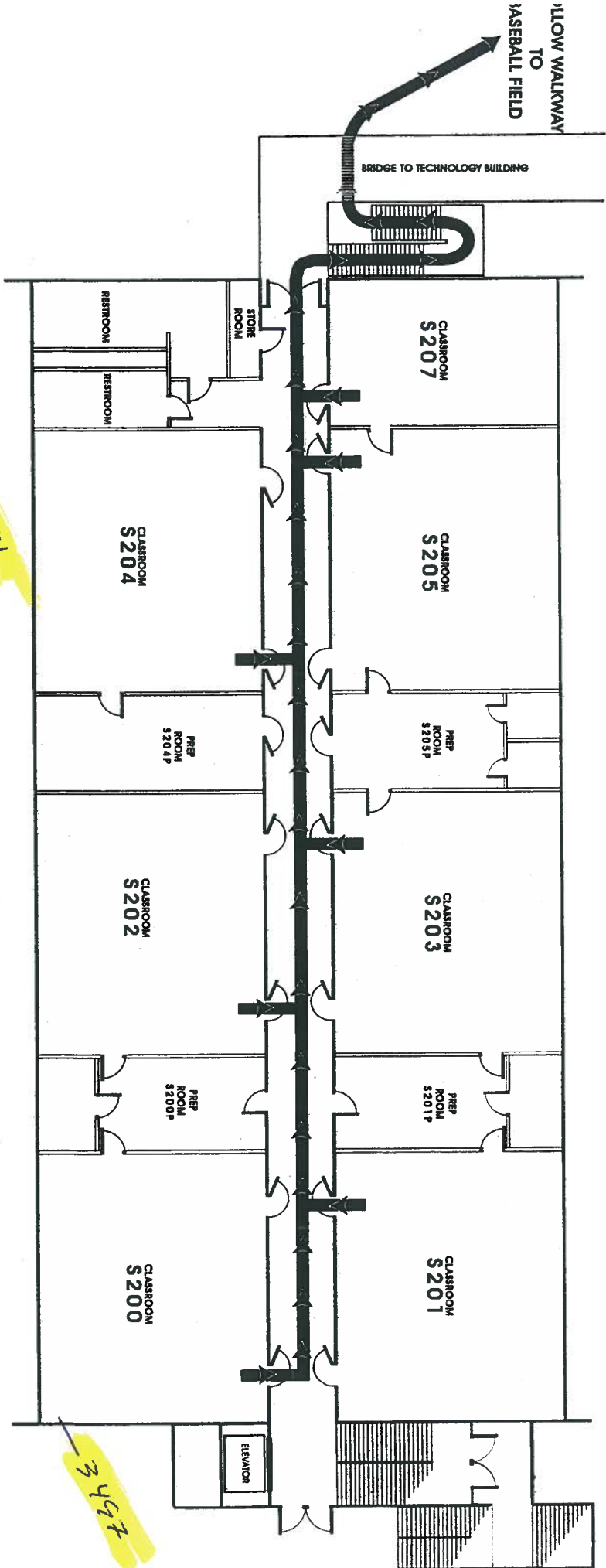
SCIENCE BLDG.

2ND FLR.

Santa Monica H.S

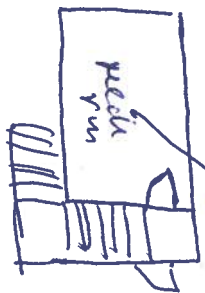
107-0008

4-3-07



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SCIENCE 2ND FLOOR REV. A.D.R.



STON

3497





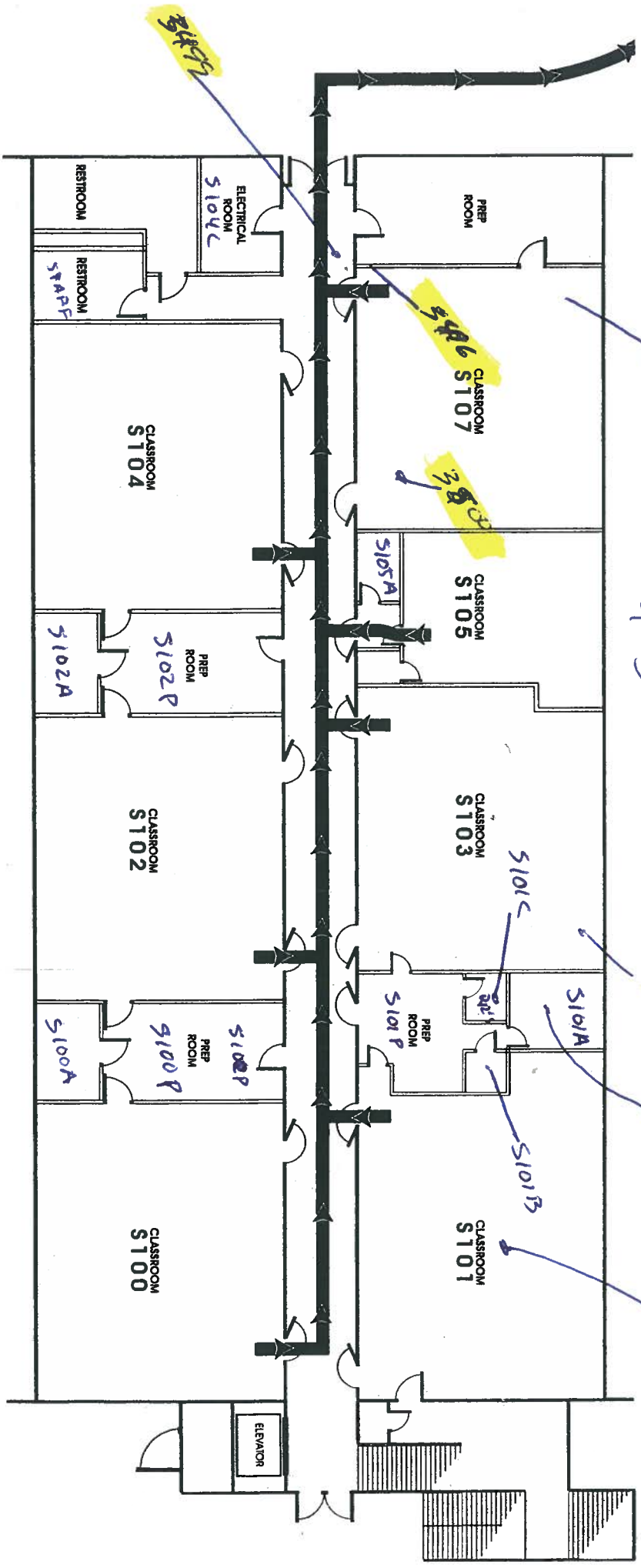
SCIENCE BLDG.

FIRST FLOOR

South House H-5

107-0008

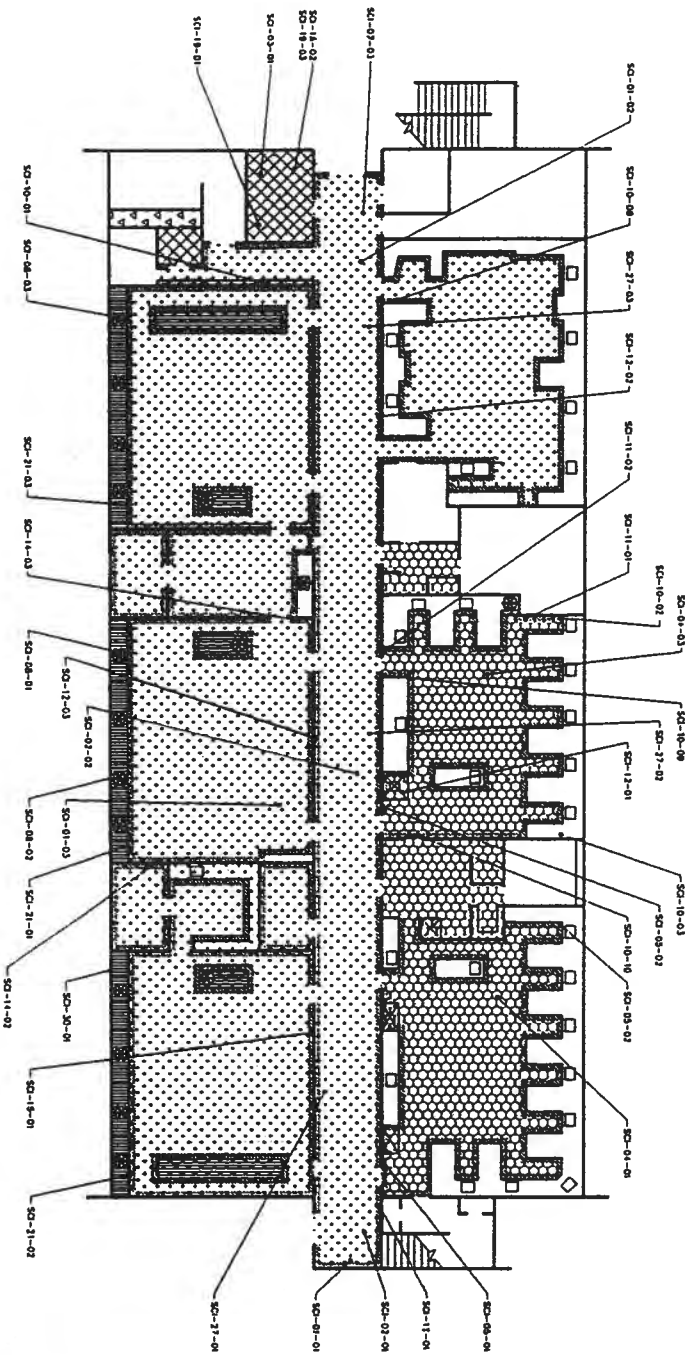
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APPENDIX A

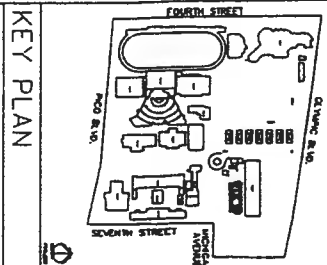
SCIENCE BUILDING "B" - FIRST FLOOR



SCALE: 1/8" = 1'-0"
 SHEET NO. 1
 PROJECT: SCIENCE BUILDING "B" - FIRST FLOOR

- LEGEND**
- 6" x 6" ASBESTOS-CONTAINING FLOOR TILE AND WASTE
 - 12" x 12" ASBESTOS-CONTAINING FLOOR TILE AND WASTE
 - ASBESTOS-CONTAINING LINOLEUM
 - ASBESTOS-CONTAINING BLENDED
 - ASBESTOS-CONTAINING LIN COMPOSITE
 - ASBESTOS-CONTAINING PVC FLOORING AND CONTAMINATED REMAINS OF SAME
 - ASBESTOS-CONTAINING UNDERLAYING OF SAME

- NOTES:**
1. ASBESTOS-CONTAINING WINDOW PUTTY LOCATED ON EXTERIOR WINDOW FRAME.
 2. ASBESTOS-CONTAINING PVC AND PVC GUTTING INSULATION.



DATE	11/07/00
SCALE	1/8" = 1'-0"
PROJECT	SCIENCE BUILDING "B" - FIRST FLOOR
DESIGNER	458-01
CHECKER	458-01
DATE	11/07/00
PROJECT	SCIENCE BUILDING "B" - FIRST FLOOR
DATE	11/07/00

PROJECT NAME:
 SANTA MONICA
 HIGH SCHOOL
 AND VOCATIONAL CENTER
 1400 SANTA MONICA AVENUE
 SANTA MONICA, CALIFORNIA 90401

NO.	DATE	REVISION

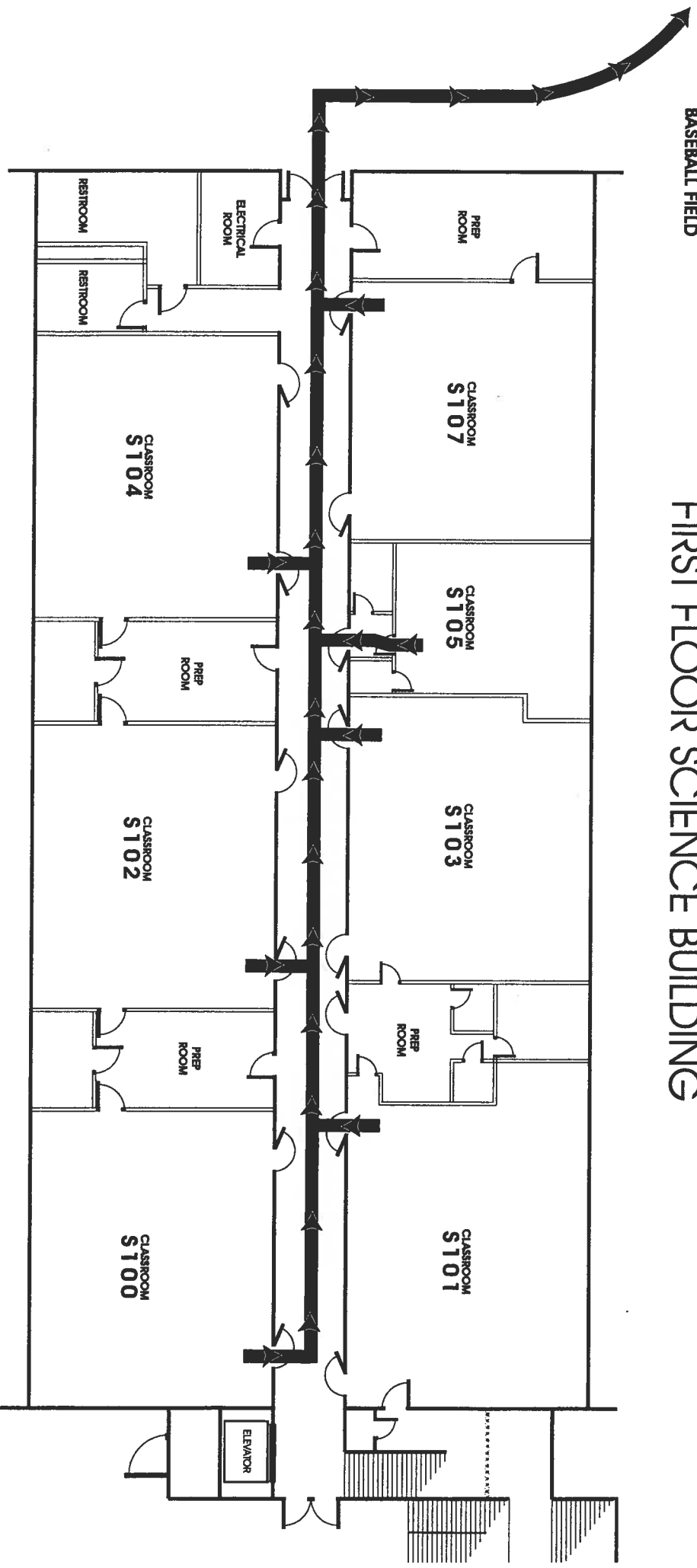
PROJECT NAME:
 SANTA MONICA
 HIGH SCHOOL
 AND VOCATIONAL CENTER
 1400 SANTA MONICA AVENUE
 SANTA MONICA, CALIFORNIA 90401

NO.	DATE	REVISION

**C A P E
 ENVIRONMENTAL
 MANAGEMENT**
 3000 S. VERMONT AVE.
 SANTA MONICA, CALIFORNIA 90401
 (818) 432-4599

EVACUATION ROUTE FIRST FLOOR SCIENCE BUILDING

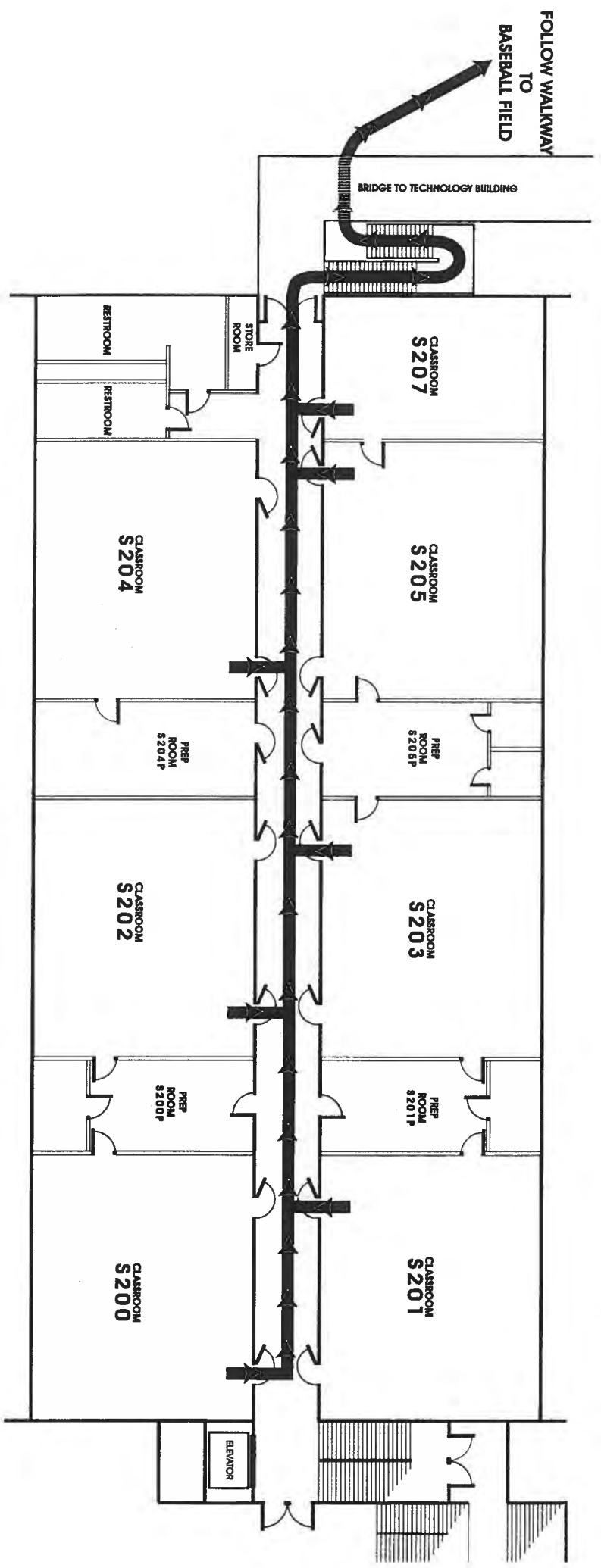
FOLLOW WALKWAY TO
BASEBALL FIELD



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SCIENCE 1ST FLOOR REV/ACDR

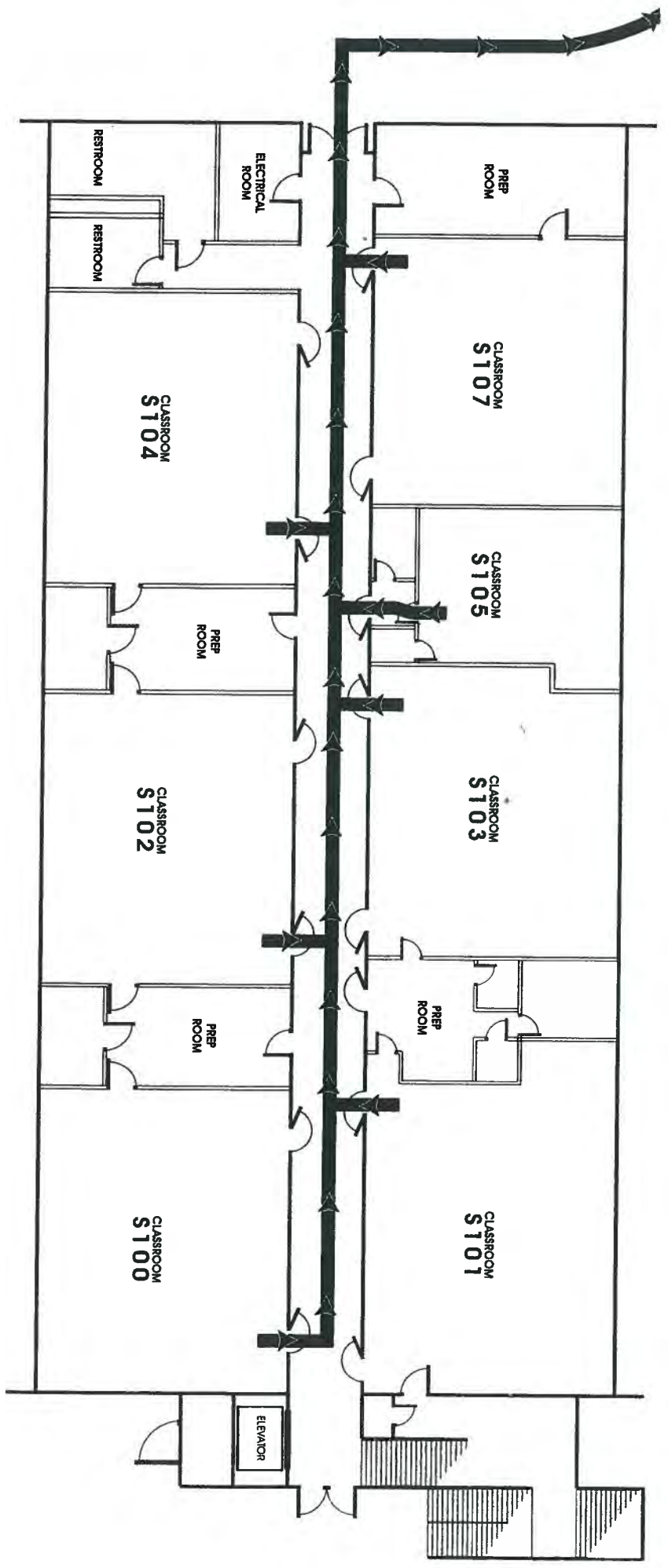
EVACUATION ROUTE SECOND FLOOR SCIENCE BUILDING



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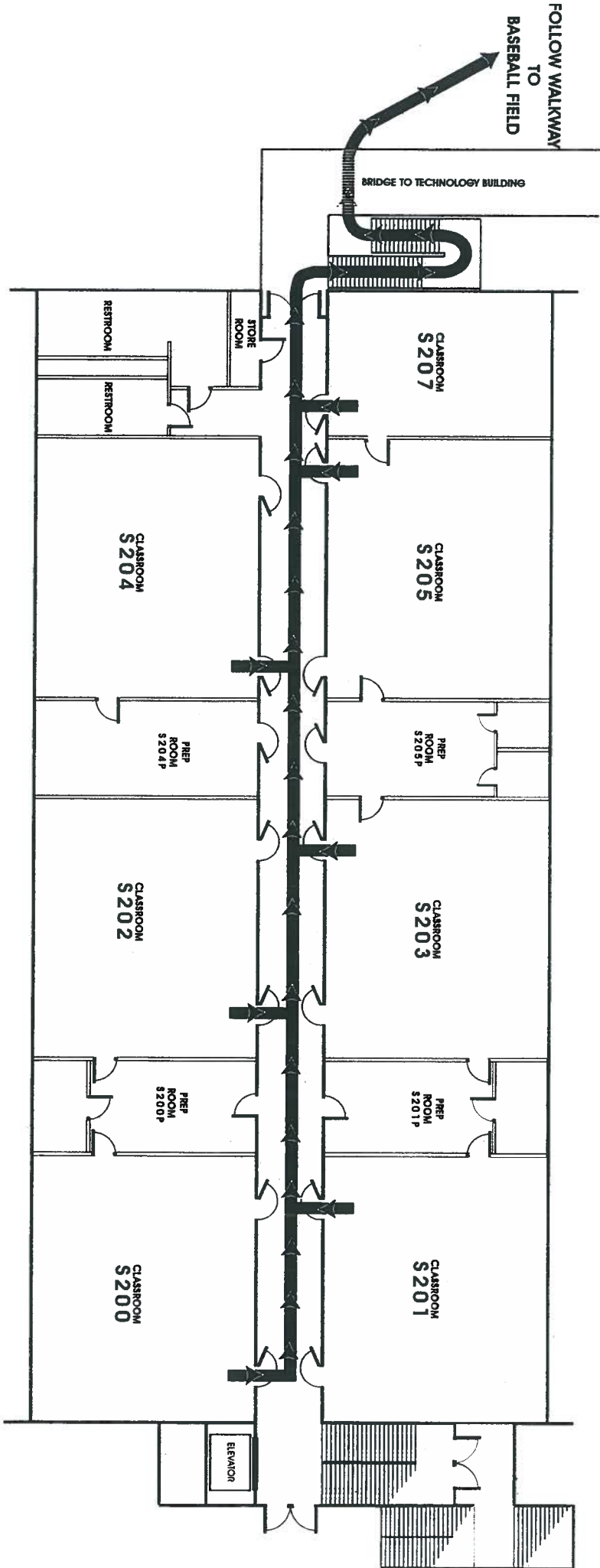
SCIENCE AND ROOM REV A.CDR

SCIENCE BLDG.
FIRST FLOOR



KEEP POSTED ~ DO NOT REMOVE

SCIENCE BLDG.
2ND FLR.



KEEP POSTED ~ DO NOT REMOVE

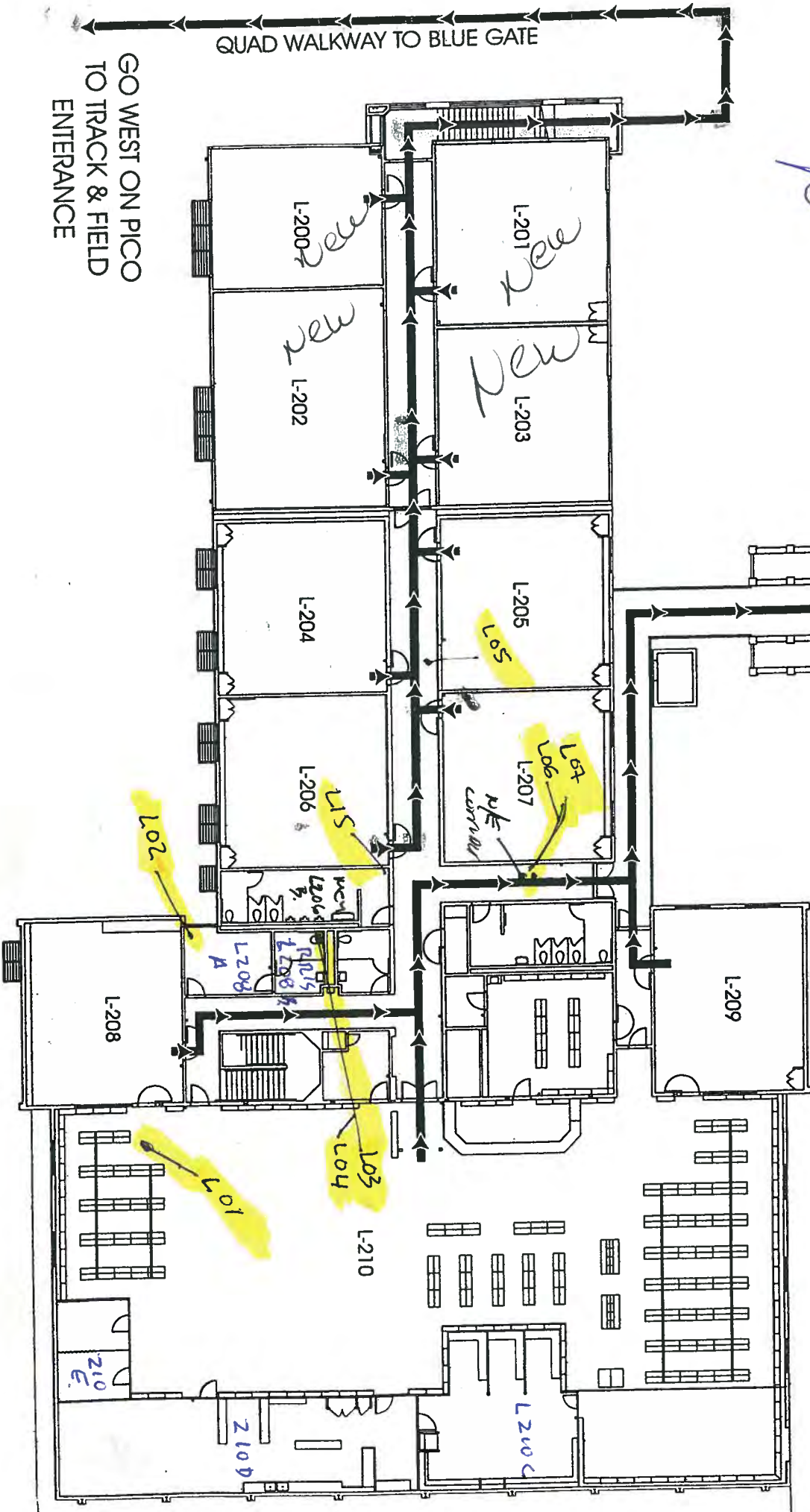
SCIENCE 2ND FLOOR REV. A.CDR

QUAD WALKWAY TO BLUE GATE

GO WEST ON PICO
TO TRACK & FIELD
ENTRANCE



Language Bldg 2nd Fl

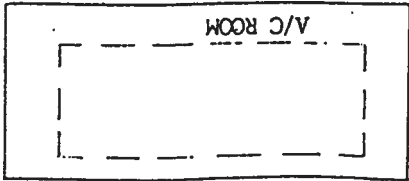
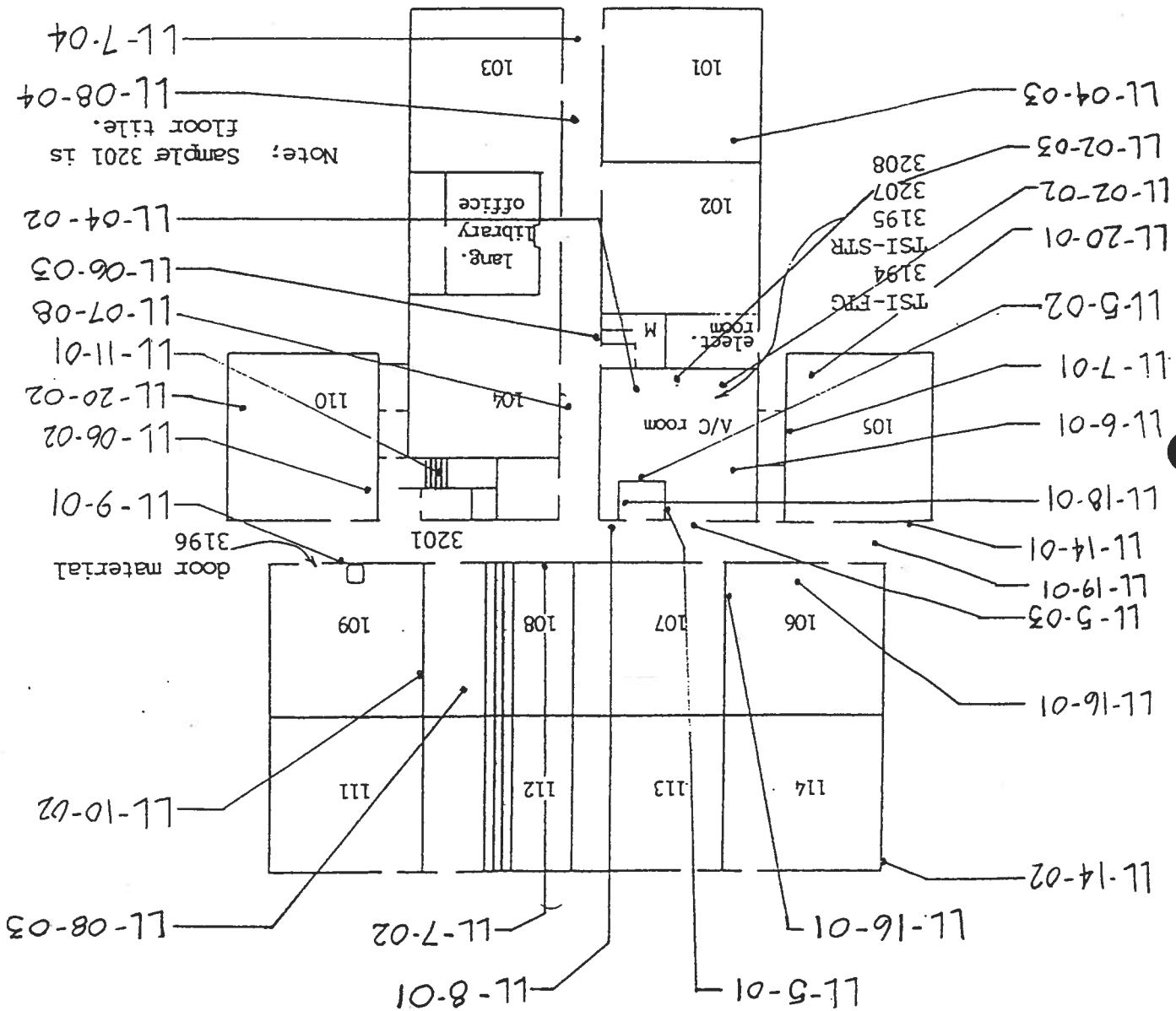


L-206

SOFTBALL
FIELD

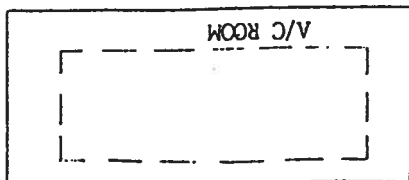
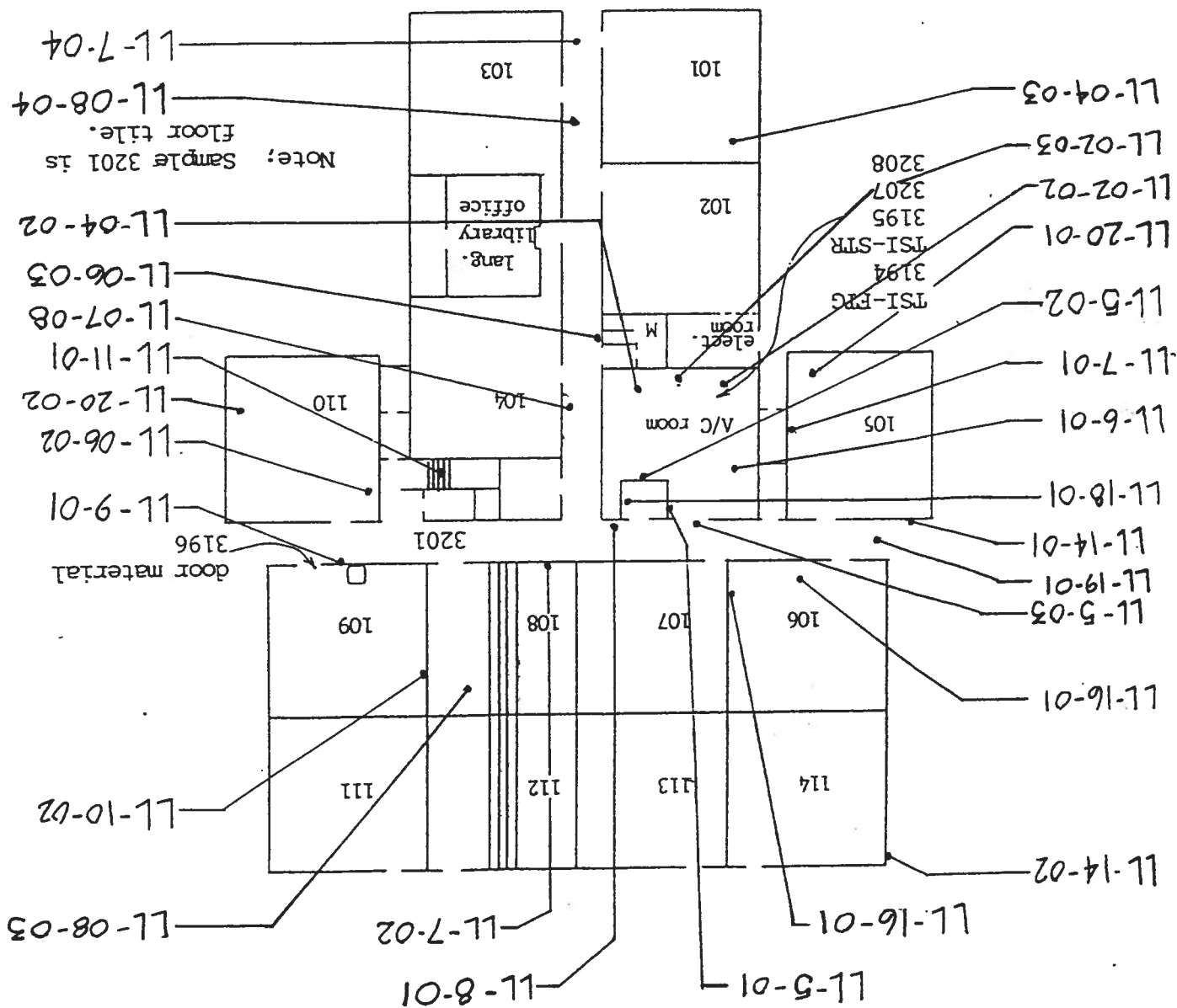
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FIRST FLOOR PLAN

LIBRARY & LANGUAGE BUILDING

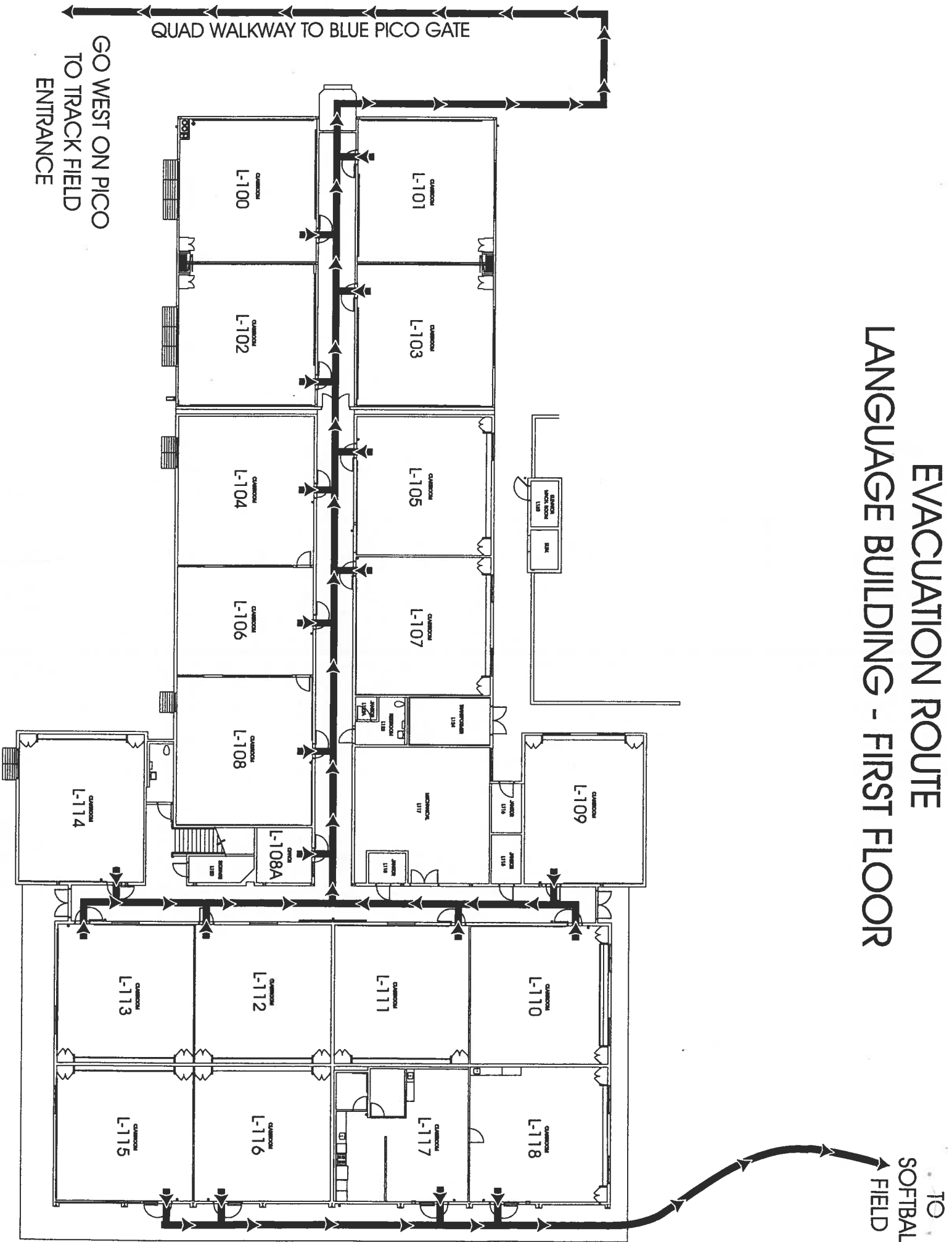


Scale: Not to scale
FIRST FLOOR PLAN

LIBRARY & LANGUAGE BUILDING



EVACUATION ROUTE LANGUAGE BUILDING - FIRST FLOOR

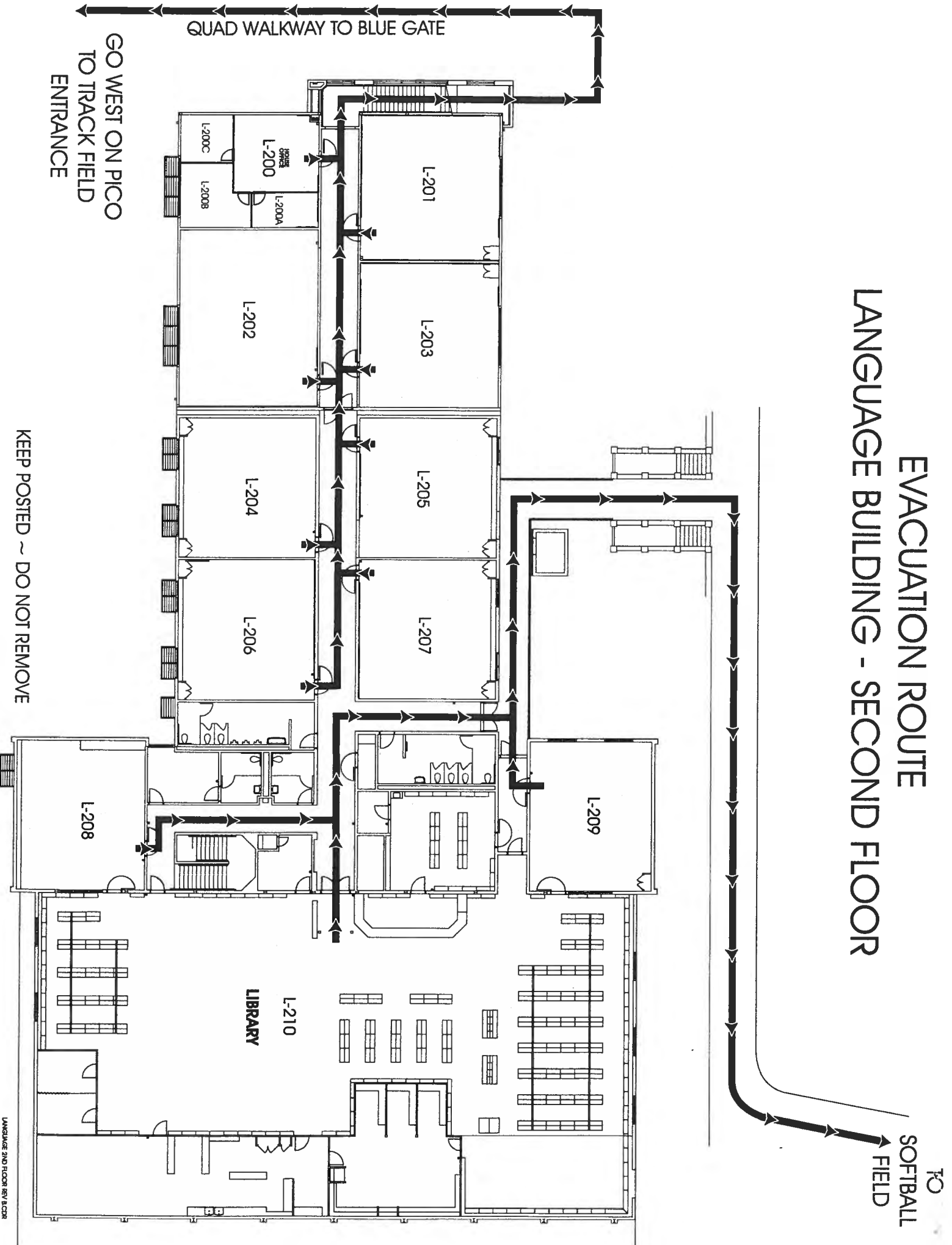


GO WEST ON PICO
TO TRACK FIELD
ENTRANCE

KEEP POSTED ~ DO NOT REMOVE

LANGUAGE 1ST FLOOR REV 12.08

EVACUATION ROUTE LANGUAGE BUILDING - SECOND FLOOR



GO WEST ON PICO
TO TRACK FIELD
ENTRANCE

QUAD WALKWAY TO BLUE GATE

KEEP POSTED ~ DO NOT REMOVE

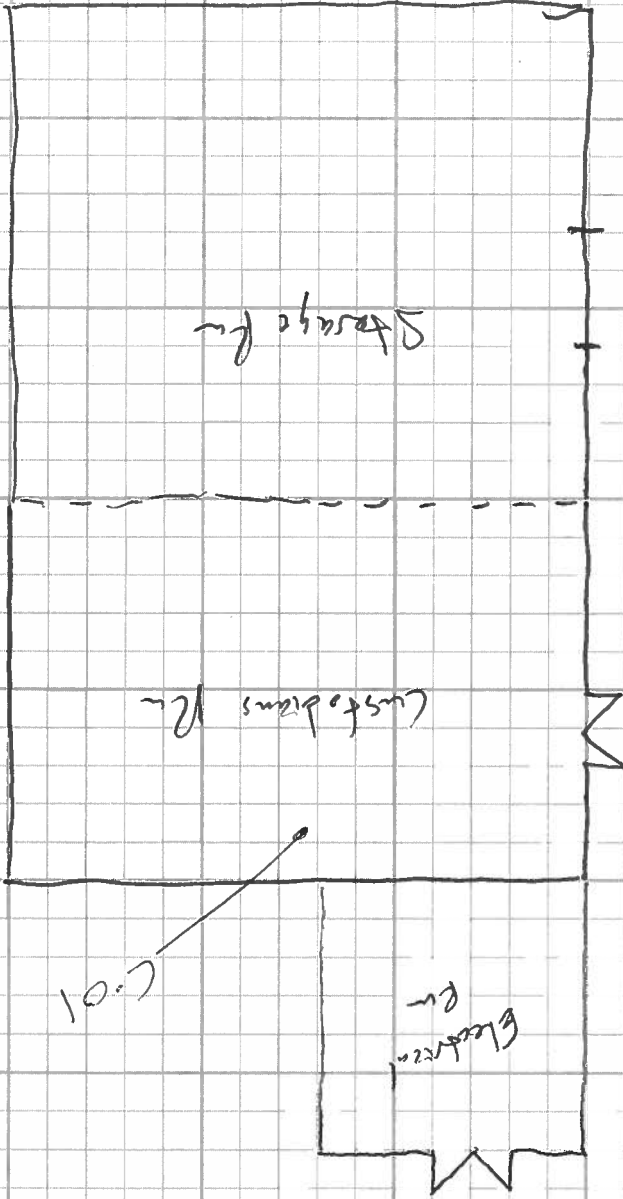
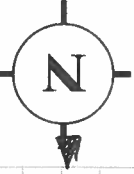
SOFTBALL
FIELD

CONFIDENTIALITY: The information herein is intended for the personal and confidential use of CTL Environmental service client. This may be an attorney-client communication and/or work product, and such is privileged and confidential.

DRAW BY: <i>F. Fournelle</i> JOB NO: <i>107-0008</i> JOB NAME: <i>South Mexico High</i>	SKETCH: DATE: <i>1/31/08</i> SCALE: <i>NIS</i>	PAGE 1 OF 1
DESCRIPTION: <i>Area Training (Dow Castle) Bulk Sample Map</i>		

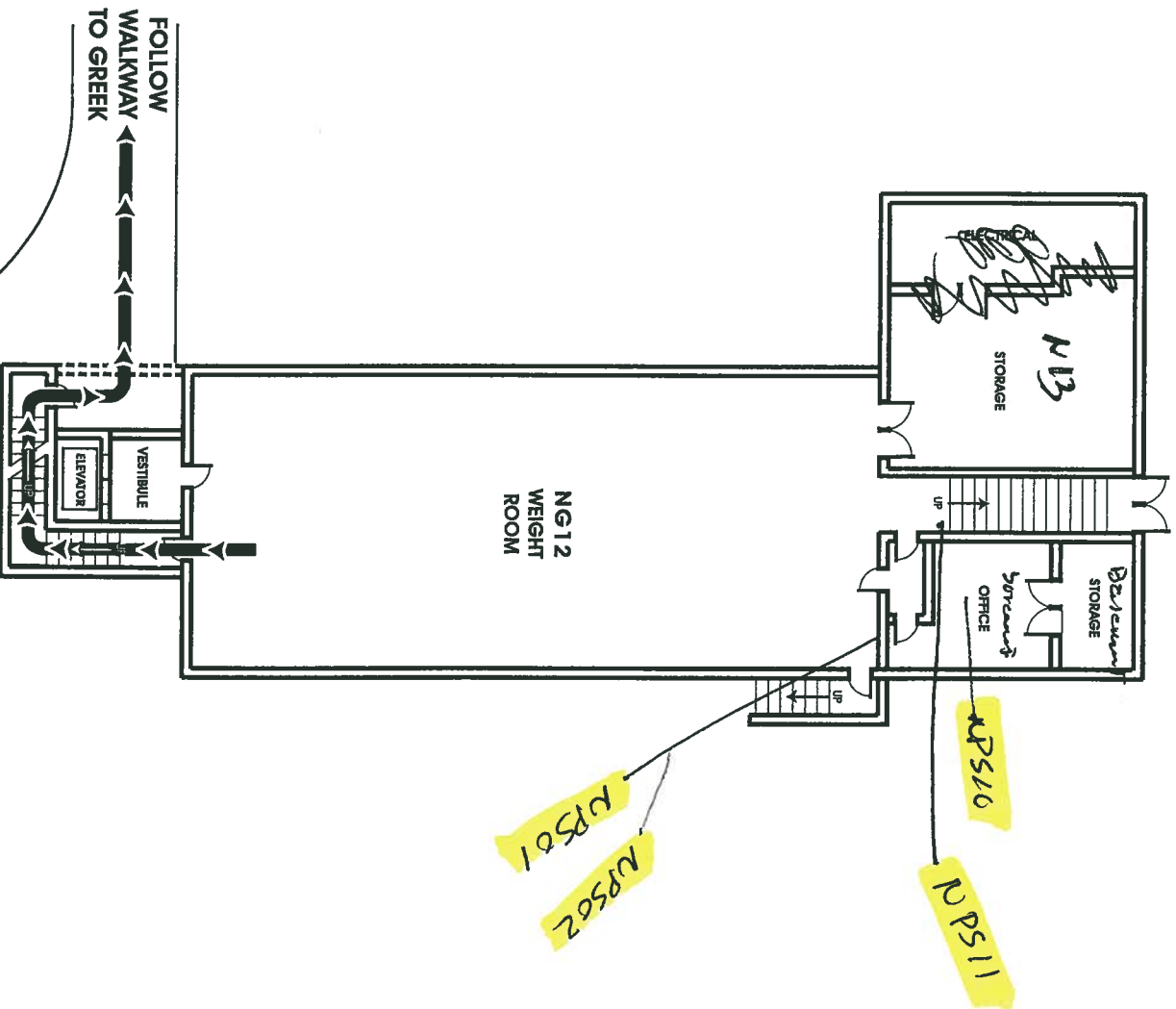
We're merging with
coffey
 environments
 A Coffey International
 Limited Company

CTL Environmental Services



EVACUATION ROUTE BASEMENT - NORTH GYM

TRACK FIELD

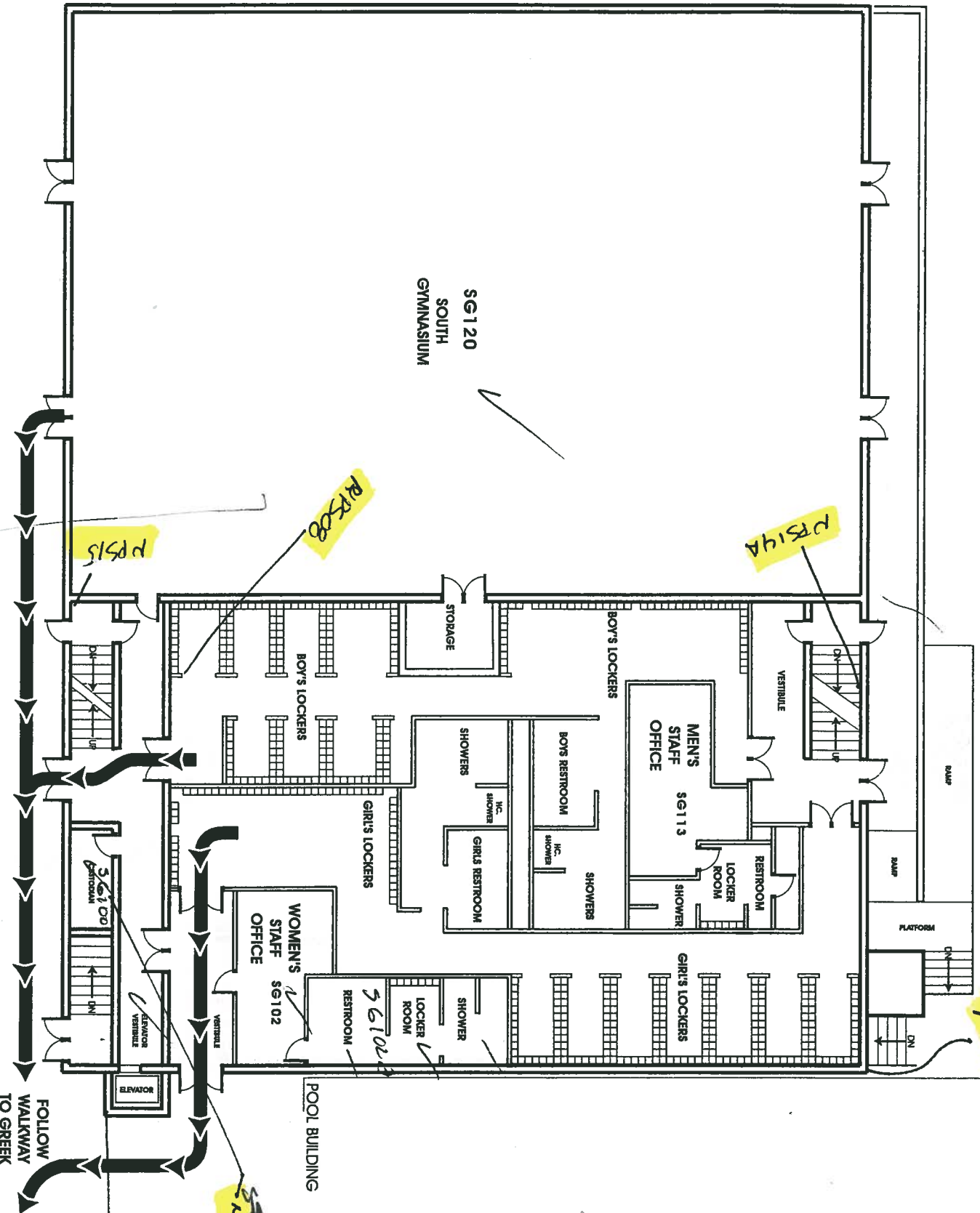


FOLLOW
WALKWAY
TO GREEK

EVACUATION ROUTE FIRST FLOOR SOUTH GYM

TRACK FIELD

POOL BUILDING



SG 120
SOUTH
GYMNASIUM

PPS14

PPS28

PPS15

PPS34

PPS07

PPS28

KEEP POSTED ~ DO NOT REMOVE

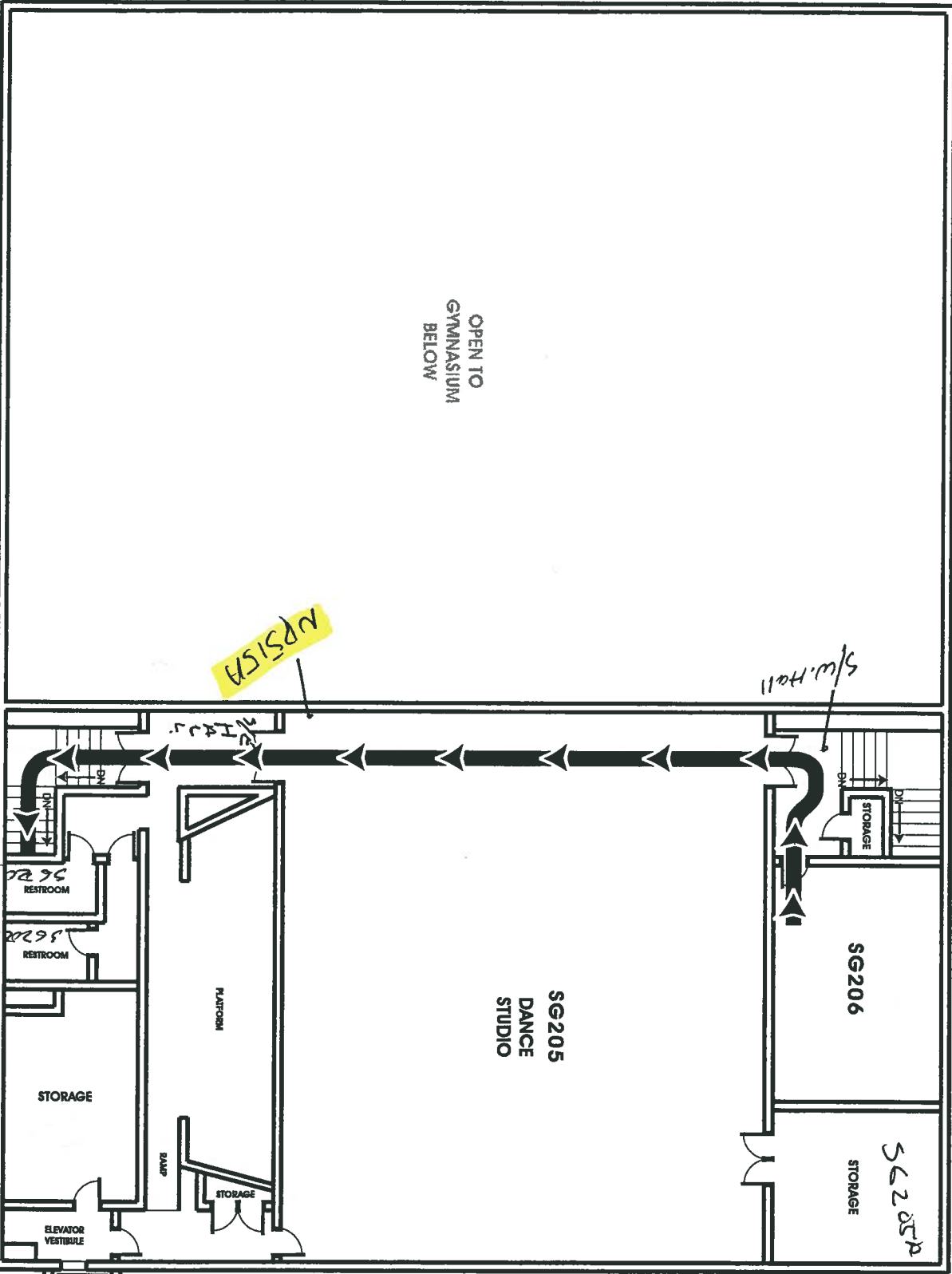
1ST FLOOR SOUTH GYM REV C/D/R

FOLLOW
WALKWAY
TO GREEK

EVACUATION ROUTE SECOND FLOOR SOUTH GYM

TRACK FIELD

POOL BUILDING



OPEN TO
GYMNASIUM
BELOW

NPSISA

s/w. Hall

W. Hall

SG206

SG205
DANCE
STUDIO

SG205A
STORAGE

RESTROOM

RESTROOM

PLATFORM

STORAGE

STORAGE

ELEVATOR
VESTIBULE

ELEVATOR

POOL BUILDING

FOLLOW
WALKWAY
TO GREEK

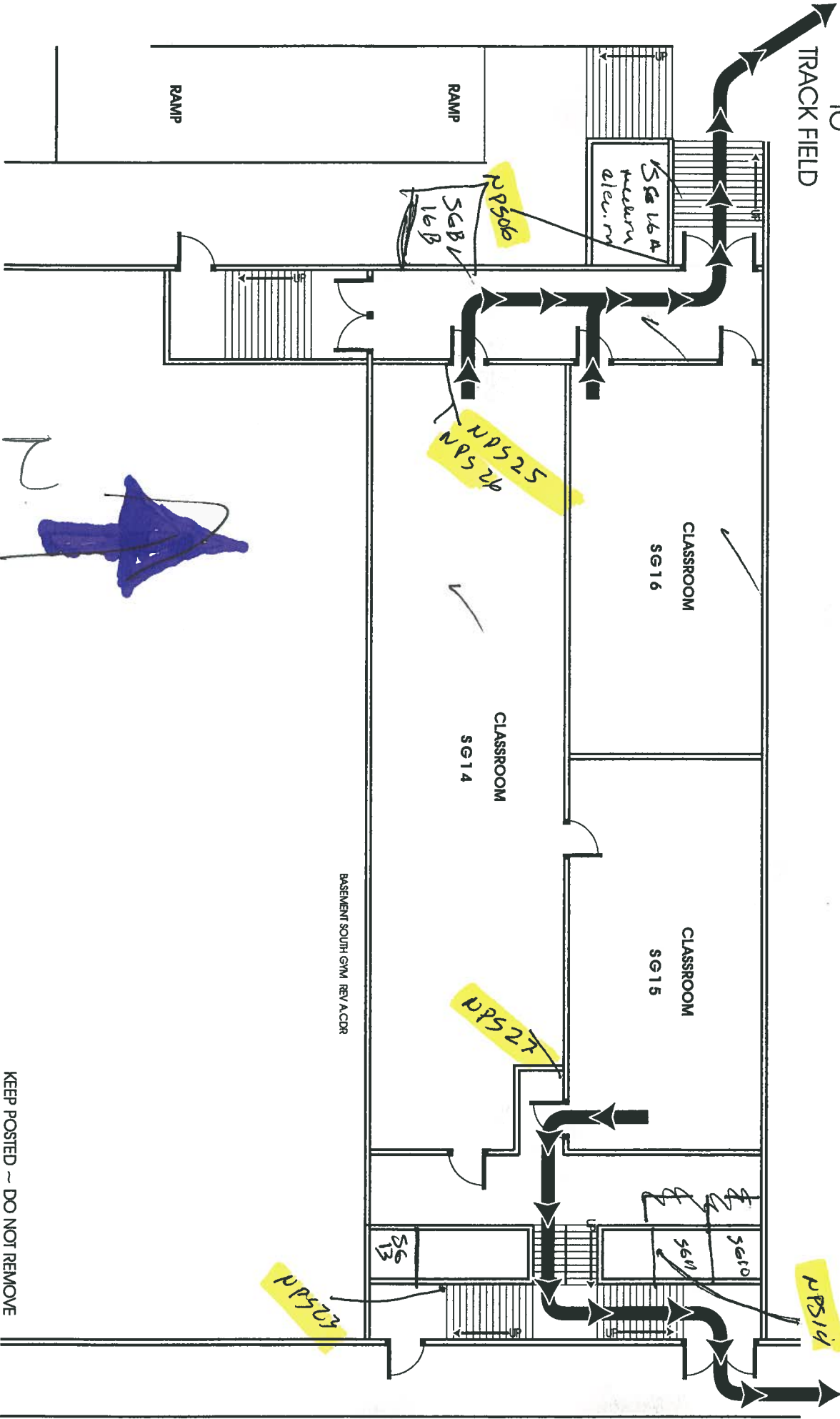
KEEP POSTED ~ DO NOT REMOVE



ENTER GATE
TO
TRACK FIELD

EVACUATION ROUTE SOUTH GYM BASEMENT

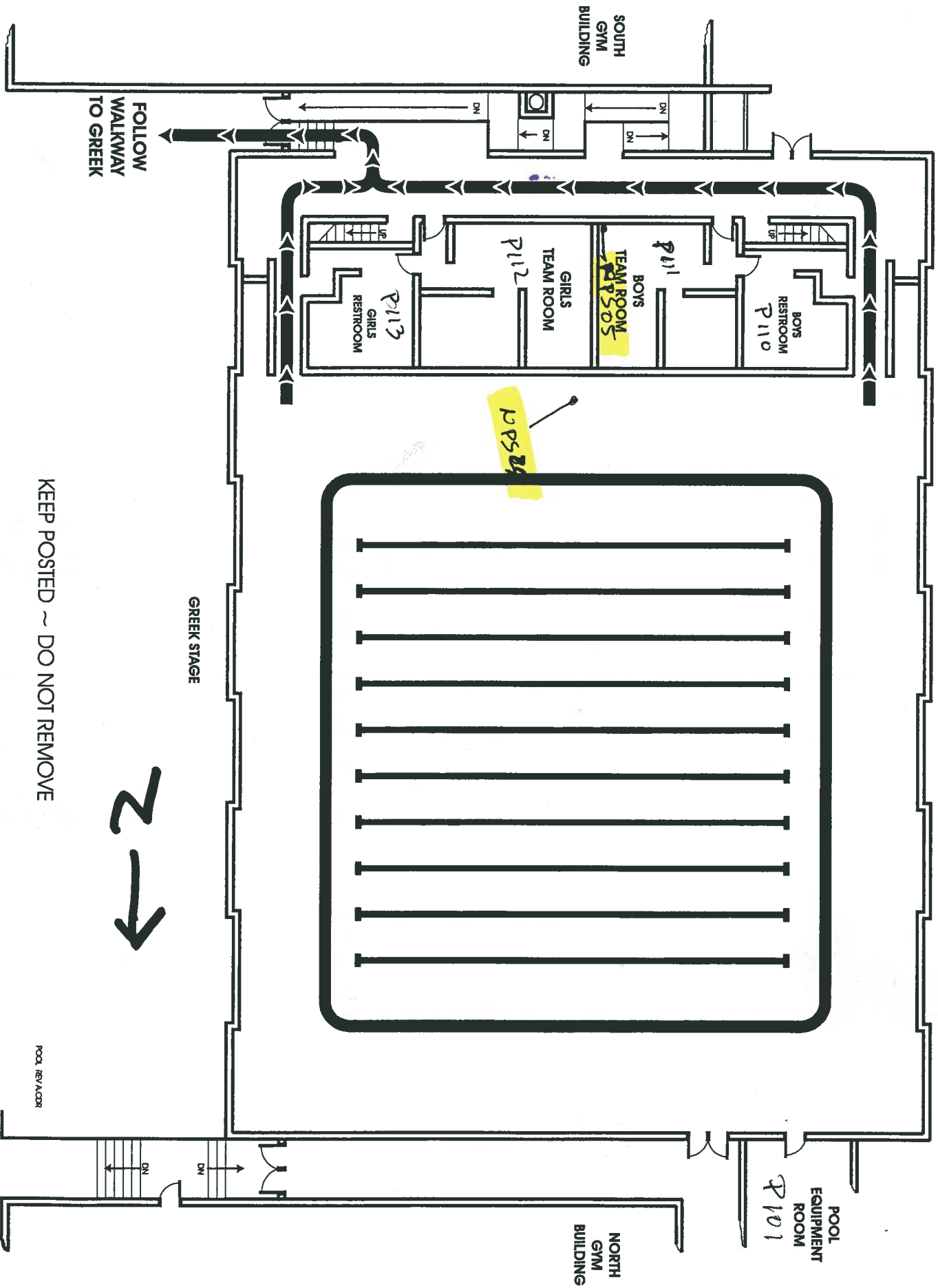
FOLLOW WALKWAY
TO GREEK



KEEP POSTED ~ DO NOT REMOVE

EVACUATION ROUTE POOL BUILDING

TRACK FIELD



FOLLOW
WALKWAY
TO GREEK

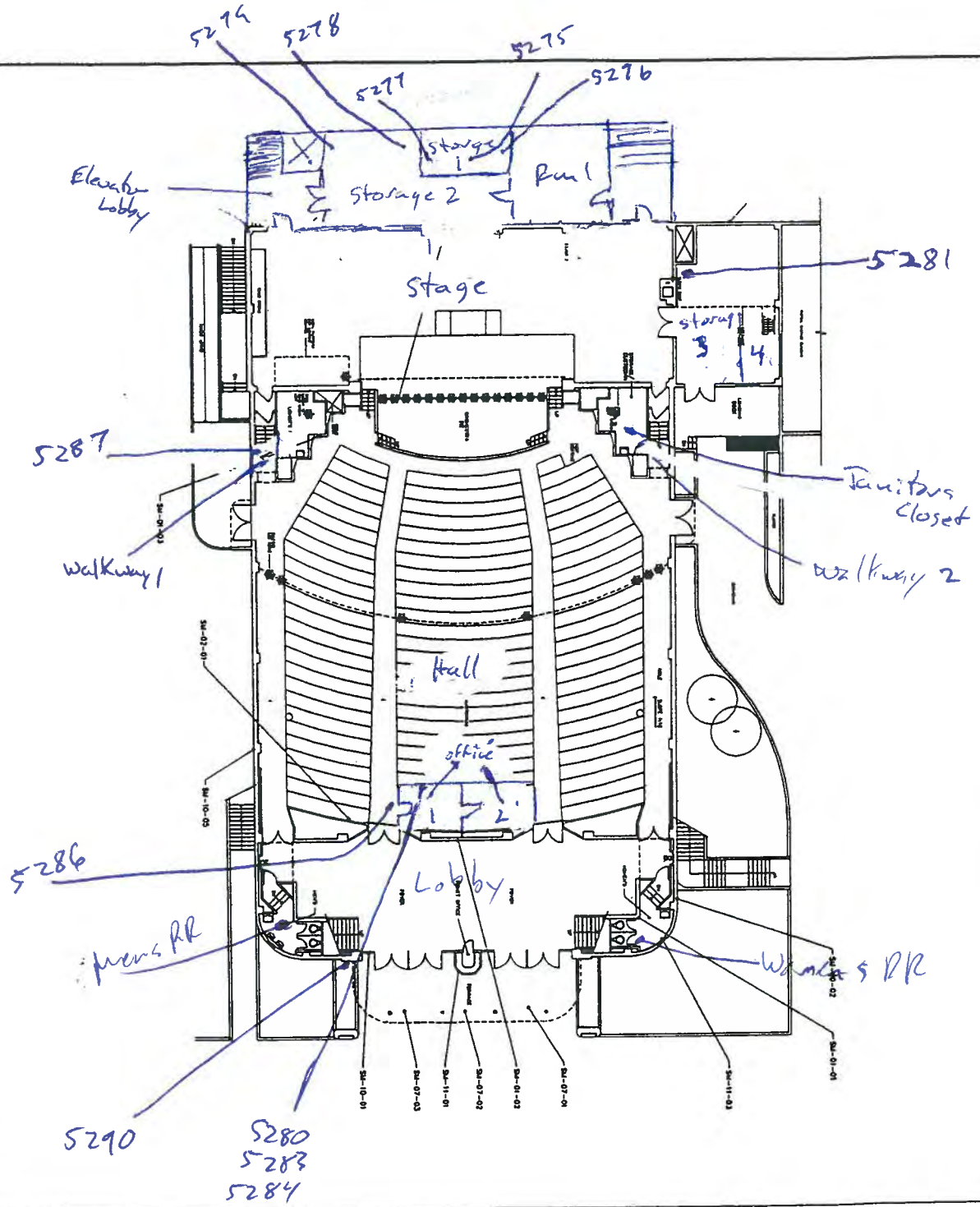
GREEK STAGE



KEEP POSTED ~ DO NOT REMOVE

POOL REV/ACDR

BARNUM HALL - FIRST FLOOR



SCALE
1/4" = 1'-0"
PROJECT
1

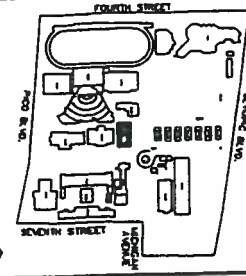
5274
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5280
5283
5284

LEGEND

☐ ASBESTOS CONTAINING WIRE INSULATION ON STILES AND PORTLAND CONCRETE

⊙ ASBESTOS CONTAINING WINDOW SILL/CAULKING OR WINDOW AND STAIRWELL WINDOW FRAME

KEY PLAN



DATE	10/17/14
PROJECT	BARNUM HALL FIRST FLOOR
DESIGNER	P. KORNBLAU
CHECKER	M. S. B. STINE
DATE	10/17/14

SHEET TITLE:
BARNUM HALL
FIRST FLOOR

PROJECT NAME:
SANTA MONICA
HIGH SCHOOL
CAMPUS RENOVATION

NO.	DATE	REVISION

DATE	10/17/14
PROJECT	BARNUM HALL FIRST FLOOR
DESIGNER	P. KORNBLAU
CHECKER	M. S. B. STINE
DATE	10/17/14

C A P E
ENVIRONMENTAL
MANAGEMENT
CORPORATION
3000 S. Terminal Ave.
Torrance, CA 90505
(310) 535-1800

APPENDIX D
CTL EMPLOYEE CERTIFICATIONS

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Victor M Sanchez

Name

Certification No. 08-434Z

Expires on 03/20/09



This certification was issued by the Division of Occupational Safety and Health as authorized by Section 7180 et seq. of the Business and Professions Code.

Certificate Of Completion
Victor Sanchez

Has attended and completed the training course entitled:

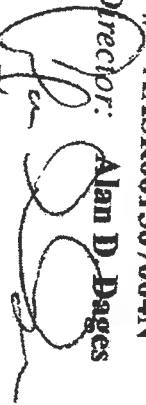
Asbestos Contractor/Supervisor Refresher Course

DOSH Course # CA-015-04

Certificate # AASR061507004N

Training Director: **Alan D. PAGES**

Signature:



This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

Start Date: 06/15/07

Course End Date: 06/15/2007

Expiration Date: 06/14/08

Instructor: **Orville Allan**

NATEC INTERNATIONAL

1100 Technology Circle – Suite A, Anaheim, CA 92805

www.natecintl.com 714/678-2750 800/969-3228 (FAX) 714/678-2757

Certificate Of Completion
Victor Sanchez

Has attendea and completed the training course entitled:

Asbestos Building Inspector Refresher Course

DOSH Course # CA-015-06

Certificate # BRRC083107005N

Training Director: **Alana D. Dages**

Signature:



Start Date: 08/31/07

Course End Date: 08/31/2007

Expiration Date: 08/30/08

Instructor: **John Vreeland**

*This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act,
Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and
Health of the State of California*

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APPENDIX E

**CAPE ENVIRONMENTAL
SURVEY REPORT**

TABLE 2.1

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
TECHNICAL BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
TB-01-01	Ductwork insulation	NAD
TB-01-02	Ductwork insulation	NAD
TB-01-03	Ductwork insulation	NAD
TB-02-A-01	Gypsum board walls	NAD
TB-02-A-02	Gypsum board walls	NAD
TB-02-B-01	Gypsum board wall joint compound	NAD
TB-02-B-02	Gypsum board wall joint compound	NAD
TB-02-B-03	Gypsum board wall joint compound	NAD
TB-03-01	Domestic water insulation	NAD
TB-04-01	Heat water insulation	NAD
TB-05-01	Rough plaster walls & ceiling-boiler room	NAD
TB-05-02	Rough plaster walls & ceiling-boiler room	NAD
TB-05-03	Rough plaster walls & ceiling-boiler room	NAD
TB-07-01	2'x 4' ceiling tile-random groove & pinhole	NAD
TB-07-02	2'x 4' ceiling tile-random groove & pinhole	NAD
TB-07-03	2'x 4' ceiling tile-random groove & pinhole	NAD
TB-10-01	Duct tape on HVAC system	NAD
TB-10-02	Duct tape on HVAC system	NAD
TB-10-03	Duct tape on HVAC system	NAD
TB-11-01	1'x 1' acoustical wall tile	NAD
TB-11-02	1'x 1' acoustical wall tile	NAD
TB-11-03	1'x 1' acoustical wall tile	NAD
TB-11-01-A	Mastic for 1'x 1' acoustical wall tile	NAD
TB-14-01	1'x 1' ceiling tile-random peghole	NAD
TB-14-02	1'x 1' ceiling tile-random peghole	NAD
TB-14-03	1'x 1' ceiling tile-random peghole	NAD
TB-14-01-A	Mastic for 1'x 1' ceiling tile-random peghole	NAD
TB-14-02-A	Mastic for 1'x 1' ceiling tile-random peghole	NAD
TB-14-03-A	Mastic for 1'x 1' ceiling tile-random peghole	NAD
TB-15-01	9"x 9" f.t. beige and mastic	3% chrysotile (T) Trace chrysotile (M)
TB-16-01	Plasterboard walls & ceilings	NAD
TB-16-02	Plasterboard walls & ceilings	NAD
TB-16-03	Plasterboard walls & ceilings	NAD
TB-17-01	Rough plaster wall-interior	NAD
TB-17-02	Rough plaster wall-interior	NAD
TB-17-03	Rough plaster wall-interior	NAD
TB-18-01	Domestic water pipe insulation-canvas wrap over fiberglass	NAD
TB-18-02	Domestic water pipe insulation-canvas wrap over fiberglass	NAD
TB-18-03	Domestic water pipe insulation-canvas wrap over fiberglass	NAD

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
TECHNICAL BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
TB-19-01	Domestic water pipe fitting insulation	3% chrysotile 4% amosite
TB-19-02	Domestic water pipe fitting insulation	5% chrysotile 5% amosite
TB-19-03	Domestic water pipe fitting insulation	5% chrysotile 5% amosite
TB-20-01	Base cove and mastic	NAD
TB-20-02	Base cove and mastic	NAD
TB-20-03	Base cove and mastic	NAD
TB-22-01	Built-up roof w/gravel surface	NAD
TB-22-02	Built-up roof w/gravel surface	NAD
TB-22-03	Built-up roof w/gravel surface	NAD
TB-23-01	Roof perimeter base flashing	5% chrysotile
TB-23-02	Roof perimeter base flashing	10% chrysotile
TB-23-03	Roof perimeter base flashing	5% chrysotile
TB-24-01	Roof penetration base flashing	3% chrysotile
TB-24-02	Roof penetration base flashing	3% chrysotile
TB-24-03	Roof penetration base flashing	NAD
TB-25-02	Exterior stucco	3% chrysotile
TB-25-03	Exterior stucco	3% chrysotile
TB-25-04	Exterior stucco	3% chrysotile
TB-25-05	Exterior stucco	2% chrysotile
TB-26-01	Parquet mastic	NAD
TB-26-02	Parquet mastic	NAD
TB-26-03	Parquet mastic	NAD
TB-27-01	Pipe fitting insulation	30% chrysotile
TB-27-02	Pipe fitting insulation	30% chrysotile
TB-28-01	Pipe insulation	30% chrysotile 30% amosite
TB-28-02	Pipe insulation	20% chrysotile 30% amosite
TB-29-01	Pipe fitting insulation	40% chrysotile
TB-29-02	Pipe fitting insulation	25% chrysotile
TB-30-01	Pipe insulation	10% chrysotile 40% amosite
TB-30-02	Pipe insulation	10% chrysotile 40% amosite
TB-31-01	Fume hood lining	30% chrysotile 10% amosite
TB-31-02	Fume hood lining	30% chrysotile 10% amosite
TB-31-03	Fume hood lining	30% chrysotile 10% amosite
TB-32-01	Lab top counter	NAD
TB-32-02	Lab top counter	NAD
TB-32-03	Lab top counter	NAD

T200

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
 TECHNICAL BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
TB-34-01	Paint coating	2% chrysotile
TB-34-02	Paint coating	2% chrysotile
TB-34-03	Paint coating	2% chrysotile
TB-35-01	Substrate	VOID
TB-35-02	Substrate	NAD
TB-35-03*	Substrate	3% chrysotile
* cross contamination from paint coating		30% amosite

TB-32-03

Lab top counter

NAD

TB-33-01

Lab top counter

20% chrysotile

TB-33-02

Lab top counter

30% chrysotile

TB-33-03

Lab top counter

20% chrysotile

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
 ENGLISH BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
E-1-01	Plaster wall	NAD
E-1-02	Plaster wall	NAD
E-1-03	Plaster wall	NAD
E-1-04	Plaster wall	NAD
E-1-05	Plaster wall	NAD
E-1-06	Plaster wall	NAD
E-1-07	Plaster wall	NAD
E-2-01	Soft plaster ceiling	5% chrysotile
E-2-02	Soft plaster ceiling	5% chrysotile
E-2-03	Soft plaster ceiling	5% chrysotile
E-3-01	1'x1' ceiling tile	NAD
E-3-02	1'x1' ceiling tile	NAD
E-3-03	1'x1' ceiling tile	NAD
E-4-01	Plaster ceiling	NAD
E-4-02	Plaster ceiling	NAD
E-4-03	Plaster ceiling	NAD

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
VISUALLY HANDICAPPED BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
VH-01-01	Baseboard with mastic	NAD
VH-01-02	Baseboard with mastic	NAD
VH-01-03	Baseboard with mastic	NAD
VH-02-01	Wall material with mastic	NAD
VH-02-02	Wall material with mastic	NAD
VH-02-03	Wall material with mastic	NAD
VH-03-01	Window caulking	20% chrysotile
VH-03-02	Window caulking	20% chrysotile
VH-03-03	Window caulking	20% chrysotile
VH-04-01	Roofing composite	NAD
VH-04-02	Roofing composite	NAD
VH-04-03	Roofing composite	NAD

TABLE 2.2

SUMMARY OF QUALITY
CONTROL LABORATORY RESULTS

<u>SAMPLE NUMBER</u>	<u>PRIMARY LAB RESULTS</u>	<u>QUALITY CONTROL LAB RESULTS</u>
QC-LL-03-01	15% chrysotile	1% chrysotile
QC-LL-05-01	NAD	NAD
QC-LL-07-01	NAD	NAD
QC-LL-12-01	NAD	NAD
QC-LL-17-01	NAD	NAD

NAD = NO ASBESTOS DETECTED

Trace = <1% Asbestos Detected

TABLE 2.1

**SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
LANGUAGE BUILDING - SANTA MONICA HIGH SCHOOL**

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
LL-01-01	Chilled water pipe insulation	NAD
LL-01-02	Chilled water pipe insulation	NAD
LL-01-03	Chilled water pipe insulation	NAD
LL-02-01	Chilled water pipe fittings insulation	NAD
LL-02-02	Chilled water pipe fittings insulation	NAD
LL-02-03	Chilled water pipe fittings insulation	NAD
LL-03-01	Heat water pipe fitting insulation	15% chrysotile
LL-03-02	Heat water pipe fitting insulation	10% chrysotile
LL-03-03	Heat water pipe fitting insulation	15% chrysotile
LL-04-01	Heat water pipe fitting insulation	NAD
LL-04-02	Heat water pipe fitting insulation	NAD
LL-04-03	Heat water pipe fitting insulation	NAD
LL-05-01	Rough plaster walls	NAD
LL-05-02	Rough plaster walls	NAD
LL-05-03	Rough plaster walls	NAD
LL-06-01	Type on HVAC duc	NAD
LL-06-02	Tape on HVAC duc	NAD
LL-06-03	Tape on HVAC duc	NAD
LL-07-01	Smooth plaster walls & ceilings	NAD
LL-07-02	Smooth plaster walls & ceilings	NAD
LL-07-03	Smooth plaster walls & ceilings	NAD
LL-07-04	Smooth plaster walls & ceilings	NAD
LL-07-05	Smooth plaster walls & ceilings	NAD
LL-07-06	Smooth plaster walls & ceilings	NAD
LL-07-07	Smooth plaster walls & ceilings	NAD
LL-07-08	Smooth plaster walls & ceilings	NAD
LL-07-09	Smooth plaster walls & ceilings	NAD

N

FLOOR 3

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
LANGUAGE BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
LL-08-01	9'x 9' floor tile beige and tan	3% chrysotile
LL-08-02	9'x 9' floor tile beige and tan	3% chrysotile
LL-08-03	9'x 9' floor tile beige and tan	10% chrysotile
LL-08-04	9'x 9' (beige) and tan mastic	8% chrysotile
LL-08-05	9'x 9' cream floor tile	5% chrysotile
LL-08-05	9'x 9' floor tile mastic/cream	20% chrysotile
LL-09-01	1'x 1' random peg hole ceiling tile	NAD
LL-09-02	1'x 1' random peg hole ceiling tile	NAD
LL-09-03	1'x 1' random peg hole ceiling tile	NAD
LL-09-A-01	Ceiling tile mastic	NAD
LL-09-A-02	Ceiling tile mastic	NAD
LL-09-A-03	Ceiling tile mastic	NAD
LL-10-01	Gypsum board panel walls	NAD
LL-10-02	Gypsum board panel walls	NAD
LL-10-03	Gypsum board panel walls	NAD
LL-11-01	Vinyl stair tread	NAD
LL-12-01	Silver roofing material	NAD
LL-12-02	Silver roofing material	NAD
LL-12-03	Silver roofing material	NAD
LL-13-01	Base flashing roof panel	NAD
LL-13-02	Base flashing roof panel	5% chrysotile
LL-13-03	Base flashing roof panel	NAD
LL-14-01	Exterior stucco	2% chrysotile
LL-14-02	Exterior stucco	2% chrysotile
LL-14-03	Exterior stucco	3% chrysotile
LL-14-04	Exterior stucco	2% chrysotile
LL-14-05	Exterior stucco	2% chrysotile

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
LANGUAGE BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
LL-15-01	Exterior stucco overhang	3% chrysotile
LL-15-02	Exterior stucco overhang	2% chrysotile
LL-15-03	Exterior stucco overhang	3% chrysotile
LL-15-04	Exterior stucco overhang	2% chrysotile
LL-15-05	Exterior stucco overhang	2% chrysotile
LL-16-01	Ceiling access panels	3% chrysotile
LL-17-01	Mastic on chilled water pipe insulation lines	NAD
LL-18-02	Domestic hot water pipe insulation	NAD
LL-19-01	Rough plaster ceilings	NAD
LL-19-02	Rough plaster ceilings	NAD
LL-19-03	Rough plaster ceilings	NAD
LL-19-04	Rough plaster ceilings	NAD
LL-20-01	Gypsum ceilings	NAD
LL-20-02	Gypsum ceilings	NAD
LL-20-03	Gypsum ceilings	NAD

TABLE 2.1 (cont)

**SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
DRIVER TRAINING BUILDING - SANTA MONICA HIGH SCHOOL**

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
DT-01-01	Ceiling plaster	NAD
DT-01-02	Ceiling plaster	NAD
DT-01-03	Ceiling plaster	NAD
DT-02-01	Wall plaster	NAD
DT-02-02	Wall plaster	NAD
DT-02-03	Wall plaster	NAD
DT-02-01	Exterior stucco	2% chrysotile
DT-02-02	Exterior stucco	NAD
DT-02-03	Exterior stucco	NAD
DT-03-01	Roofing composite	NAD
DT-03-02	Roofing composite	NAD
DT-03-03	Roofing composite	NAD
DT-05-01	Roof flashing	15% chrysotile
DT-05-02	Roof flashing	5% chrysotile
DT-05-03	Roof flashing	5% chrysotile

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
SPEECH BUILDING - SANTA MONICA HIGH SCHOOL

**Could not Find Buildings*

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
SP-01-01	Ceiling tile 12"x12"	NAD
SP-01-02	Ceiling tile 12"x12"	NAD
SP-01-03	Ceiling tile 12"x12"	NAD
SP-02-01	Cementious ceiling material	NAD
SP-02-02	Cementious ceiling material	NAD
SP-02-03	Cementious ceiling material	NAD
SP-03-01	Exterior stucco	NAD
SP-03-02	Exterior stucco	NAD
SP-03-03	Exterior stucco	NAD
SP-04-01	Exterior sealant	20% chysotile
SP-04-02	Exterior sealant	20% chysotile
SP-04-03	Exterior sealant	20% chysotile
SP-05-01	Roofing composite	NAD
SP-05-02	Roofing composite	NAD
SP-05-03	Roofing composite	NAD
SP-06-01	Roof mastic (flashing sealant) black	20% chysotile
SP-06-02	Roof mastic (flashing sealant) black	20% chysotile
SP-06-03	Roof mastic (flashing sealant) black	20% chysotile
SP-07-01	Roof mastic (flashing sealant) white	25% chysotile
SP-07-02	Roof mastic (flashing sealant) white	25% chysotile
SP-07-03	Roof mastic (flashing sealant) white	25% chysotile
SP-08-01	HVAC flex connection	10% chysotile
SP-08-02	HVAC flex connection	10% chysotile
SP-06-03	HVAC flex connection	10% chysotile

TABLE 2.2

SUMMARY OF QUALITY CONTROL BULK SAMPLE ANALYSIS FOR SUSPECT ASBESTOS-CONTAINING MATERIALS - SCIENCE BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>PRIMARY LAB RESULTS</u>	<u>QUALITY CONTROL LAB RESULTS</u>
SCI-11-3	NAD	NAD
SCI-17-1	20% chrysotile	15% chrysotile
SCI-21-1	15% chrysotile	15% chrysotile
SCI-23-1	NAD	NAD
SCI-27-2	NAD	NAD
SCI-29-2	Trace chrysotile	NAD
SCI-30-3	3% chrysotile	3% chrysotile

NAD = NO ASBESTOS DETECTED

TABLE 2.1

SUMMARY OF SUSPECT ASBESTOS-CONTAINING MATERIAL BULK SAMPLE COLLECTION AND ANALYSIS RESULTS - SCIENCE BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
SCI-1-1	Tan linoleum	25% chrysotile
SCI-1-2	Tan linoleum	30% chrysotile
SCI-1-3	Tan linoleum	35% chrysotile
SCI-2-1	12"x 12" brown floor tile & mastic	T - NAD M - NAD
SCI-2-2	12"x 12" brown floor tile & mastic	T - NAD M - NAD
SCI-2-3	12"x 12" brown floor tile & mastic	T - NAD M - NAD
SCI-3-1	9"x 9" green floor tile & mastic	T - 10% chrysotile M - 7% chrysotile
SCI-4-1	12"x 12" blue floor tile & mastic	T - NAD M - NAD
SCI-4-2	12"x 12" blue floor tile & mastic	T - NAD M - Trace
SCI-4-3	12"x 12" blue floor tile & mastic	T - NAD M - NAD
SCI-5-1	12"x 12" grey floor tile & mastic	T - NAD M - Trace
SCI-5-2	12"x 12" grey floor tile & mastic	T - NAD M - Trace
SCI-5-3	12"x 12" grey floor tile & mastic	T - NAD M - NAD
SCI-6-1	9"x 9" red floor tile & mastic	T - 5% chrysotile M - 10% chrysotile
SCI-7-1	9"x 9" grey floor tile & mastic	T - 10% chrysotile M - 10% chrysotile
SCI-8-1	Sink undercoating	15% chrysotile
SCI-8-2	Sink undercoating	15% chrysotile
SCI-8-3	Sink undercoating	15% chrysotile
SCI-9-1	Cementious-type sink	NAD
SCI-10-1	Smooth plaster walls	NAD
SCI-10-2	Smooth plaster walls	NAD
SCI-10-3	Smooth plaster walls	NAD
SCI-10-4	Smooth plaster walls	NAD
SCI-10-5	Smooth plaster walls	NAD
SCI-10-6	Smooth plaster ceilings	NAD
SCI-10-7	Smooth plaster ceilings	NAD

TABLE 2.1 (continued)

SUMMARY OF SUSPECT ASBESTOS-CONTAINING MATERIAL BULK SAMPLE COLLECTION AND ANALYSIS RESULTS - SCIENCE BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
SCI-10-8	Smooth plaster ceilings	NAD
SCI-10-9	Smooth plaster ceilings	NAD
SCI-10-10	Smooth plaster ceilings	NAD
SCI-11-1	Black baseboard & mastic	B - NAD M - NAD
SCI-11-2	Black baseboard & mastic	B - NAD M - NAD
SCI-11-3	Black baseboard & mastic	B - NAD M - No mastic
SCI-12-1	Brown baseboard & mastic	B - NAD M - NAD
SCI-12-2	Brown baseboard & mastic	B - NAD M - NAD
SCI-12-3	Brown baseboard & mastic	B - Trace M - NAD
SCI-13-1	Fume hood - new	NAD
SCI-14-1	Tan baseboard & mastic	B - NAD M - NAD
SCI-14-2	Tan baseboard & mastic	B - NAD M - NAD
SCI-14-3	Tan baseboard & mastic	B - Trace M - NAD
SCI-15-1	1'x 1' ceiling tile-straight peghole & mastic	T - NAD M - NAD
SCI-15-2	1'x 1' ceiling tile-straight peghole & mastic	T - NAD M - NAD
SCI-15-3	1'x 1' ceiling tile-straight peghole & mastic	T - NAD M - NAD
SCI-16-1	Domestic water pipe insulation	7% chrysotile 15% amosite
SCI-16-2	Domestic water pipe insulation	10% chrysotile 15% amosite
SCI-16-3	Domestic water pipe insulation	7% chrysotile 15% amosite
SCI-17-1	Transite-type fume hood liners	20% chrysotile
SCI-18-1	Domestic water pipe fitting insulation	5% chrysotile 15% amosite

TABLE 2.1 (continued)
 SUMMARY OF SUSPECT ASBESTOS-CONTAINING MATERIAL BULK SAMPLE COLLECTION AND
 ANALYSIS RESULTS - SCIENCE BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
SCI-18-2	Domestic water pipe fitting insulation	10% chrysotile 15% amosite
SCI-18-3	Domestic water pipe fitting insulation	3% chrysotile 20% amosite
SCI-20-1	Canvas HVAC duct insulation	NAD
SCI-20-2	Canvas HVAC duct insulation	Trace
SCI-20-3	Canvas HVAC duct insulation	NAD
SCI-21-1	Laboratory counter top	15% chrysotile
SCI-21-2	Laboratory counter top	15% chrysotile
SCI-21-3	Laboratory counter top	15% chrysotile
SCI-23-1	Flexible HVAC vibration damper	NAD
SCI-25-1	Tank insulation	7% chrysotile 20% amosite
SCI-25-2	Tank insulation	5% chrysotile 20% amosite
SCI-25-3	Tank insulation	7% chrysotile 20% amosite
SCI-27-1	2'x 4' lay-in ceiling tile	NAD
SCI-27-2	2'x 4' lay-in ceiling tile	NAD
SCI-27-3	2'x 4' lay-in ceiling tile	NAD
SCI-29-1	HVAC duct joint tape	NAD
SCI-29-2	HVAC duct joint tape	Trace
SCI-29-3	HVAC duct joint tape	NAD
SCI-30-1	Putty on windows	2% chrysotile
SCI-30-2	Putty on windows	2% chrysotile
SCI-30-3	Putty on windows	3% chrysotile
NAD =	NO ASBESTOS DETECTED	
T =	TILE	
M =	MASTIC	
B =	BASEBOARD	

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
 POOL BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
P-1-01	1'x1' ceiling tile	NAD
P-1-02	1'x1' ceiling tile	NAD
P-1-03	1'x1' ceiling tile	NAD
P-2-01	Gypsum board & joint compound	NAD
P-2-02	Gypsum board & joint compound	NAD
P-2-03	Gypsum board & joint compound	NAD
P-3-01	Fire door insulation	35% chrysotile, 20% amosite
P-3-02	Fire door insulation	35% chrysotile, 20% amosite
P-3-03	Fire door insulation	35% chrysotile, 20% amosite
P-4-01	Plaster walls	NAD
P-4-02	Plaster walls	NAD
P-4-03	Plaster walls	NAD

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
BARNUM HALL BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
SM-01-01	Smooth plaster wall	NAD
SM-01-02	Smooth plaster wall	NAD
SM-01-03	Smooth plaster wall	NAD
SM-01-04	Smooth plaster wall	NAD
SM-02-01	Rough plaster wall and ceiling	NAD
SM-02-02	Rough plaster wall and ceiling	NAD
SM-02-03	Rough plaster wall and ceiling	NAD
SM-02-04	Rough plaster wall and ceiling	NAD
SM-02-05	Rough plaster wall and ceiling	NAD
SM-02-06	Rough plaster wall and ceiling	NAD
SM-02-07	Rough plaster wall and ceiling	NAD
SM-03-01	Electrical wire insulation	60% chrysotile
SM-03-02	Electrical wire insulation	60% chrysotile
SM-03-03	Electrical wire insulation	60% chrysotile
SM-03-04	Electrical wire insulation	60% chrysotile
SM-04-01	Light fixture gaskets	60% chrysotile
SM-04-02	Light fixture gaskets	60% chrysotile
SM-04-03	Light fixture gaskets	60% chrysotile
SM-05-01	Plaster beam covering	NAD
SM-05-02	Plaster beam covering	NAD
SM-05-03	Plaster beam covering	NAD
SM-06-01	Duct tape on HVAC unit	NAD
SM-06-02	Duct tape on HVAC unit	NAD
SM-06-03	Duct tape on HVAC unit	NAD
SM-07-01	Silver roof material	NAD
SM-07-02	Silver roof material	NAD
SM-07-03	Silver roof material	NAD
SM-10-01	Exterior stucco	NAD
SM-10-02	Exterior stucco	NAD
SM-10-03	Exterior stucco	NAD

TABLE 2.1 (cont)

SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
BARNUM HALL BUILDING - SANTA MONICA HIGH SCHOOL

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
SM-11-01	Window putty	NAD
SM-11-02	Window putty	NAD
SM-11-0	Window putty	3% chrysotile
SM-12-01	Domestic hot water pipe insulation with canvas wrap	NAD
NAD =	NO ASBESTOS DETECTED	