

# HAZARDOUS MATERIALS SURVEY REPORT

## Santa Monica High School – Demolition Project

### Art Building

March 10, 2021

Prepared For:

**Santa Monica-Malibu Unified School District**  
2828 West 4<sup>th</sup> Street  
Santa Monica, CA 90405



**N|V|5**

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444721-0010090.00

## EXECUTIVE SUMMARY

From March 2, 2021, NV5 / Alta Environmental (NV5) conducted a survey for asbestos and lead in paint for the demolition of the Art Building 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:

- 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 Art Building. 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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## 1.0 INTRODUCTION

From March 2, 2021, NV5 conducted a survey for asbestos, and lead in paint for the upcoming demolition project to be completed at Santa Monica High School located at 601 Pico Boulevard, Santa Monica, California.

## 2.0 PROJECT BACKGROUND

Santa Monica-Malibu Unified School District retained NV5 for the limited survey. The survey was completed by Randolph Flores, a Cal/OSHA Certified Site Surveillance Technicians (CSST) and CDPH Lead Sampling Technicians working under the direct supervision of Jim Byers, a Cal/OSHA Certified Asbestos Consultant (CAC) and CDPH Certified Inspector/Assessor. Data collected from Alta's previous asbestos and lead survey report dated February 15, 2018 has been incorporated into this report.

## 3.0 SCOPE OF WORK

NV5 survey and sampling were limited to the Art Building. 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.

## 4.0 METHODOLOGY

### 4.1 ASBESTOS

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 subject 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 Labs, a laboratory accredited by the National Voluntary Laboratory Accreditation Program and located in Signal Hill, California.

Based on the requirements of the 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 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 asbestos-containing.

Caution is advised in interpreting results provided herein.

The limited survey was conducted to identify hazardous materials (asbestos and lead). The investigation did not include destructive testing (i.e., the opening of wall and ceiling cavities) and was limited to accessible areas. Prior to renovation or demolition, materials not identified in this report or materials subsequently discovered through destructive sampling should be tested for the presence of asbestos. An investigation below soil grade was outside the scope of this project, and additional material such as asbestos-cement pipes, electrical wiring insulation, or other materials may subsequently be discovered.

## 4.2 LEAD

Paint chips were collected to determine the weight percent 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 Labs, a laboratory accredited by the Environmental Laboratory Accreditation Program and located in Signal Hill, California.

## 4.3 POLYCHLORINATED BIPHENYLS (PCB) IN LIGHTING EQUIPMENT

During the inspection, a representative number of fluorescent light fixtures and their associated ballasts were inspected for labeling regarding PCBs. Other mechanical systems that may contain PCBs were also noted and are documented in the results section below.

## 4.4 MERCURY IN FLOURESCENT LIGHT TUBES/BATTERIES/THERMOSTATS

Fluorescent light tubes, as well as any mercury-containing switches/gauges were inspected, categorized, and quantified. Additionally, the site was inspected for the presence of any battery devices which may need special disposal.

## 4.5 REFRIGERANT/GASES

Equipment in which any refrigerants, gases or liquid requiring special handling may have been used were also catalogued during this inspection.

## 5.0 RESULTS

### 5.1 ASBESTOS

If any materials were found to contain more than one percent asbestos by weight as determined by the PLM method of analysis, the USEPA mandates that the material(s) be treated as ACM, subject to regulation under 40 CFR 61.

The following materials were found to be asbestos-containing:

#### Summary of ACMs:

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Acoustical Ceiling Plaster	0125-A18 to 0125-A24	Above ceiling tiles in all rooms	3% Chrysotile	6,000 SF
Window putty	0125-A7 to 0125-A9	Exterior windows	0.62% Chrysotile	200 LF
4" diameter TSI Pipe	5271	2 <sup>nd</sup> floor attic space and possibly in wall cavities associated with plumbing	10% Chrysotile 10% Amosite	200 LF
4" diameter pipe elbows	5272	2 <sup>nd</sup> floor attic space and possibly in wall cavities associated with plumbing	5% Chrysotile	50 elbows
Cement board panels	0302-31 to 0302-33	Kiln Room	25% Chrysotile	40 SF
Chalkboard/Bulletin board mastic	NA	Classrooms	ASSUMED	400 SF
Gaskets	NA	Mechanical room	ASSUMED	20

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

Currently, the State of California, HUD and the USEPA define LBP as paint or other surface coating with lead content equal to or greater than 1.0 mg/cm<sup>2</sup> of surface area by XRF or 5,000 parts per million (ppm) by paint chip analysis. However, a more stringent level is established by the Los Angeles County Department of Health Services, which defines "dangerous level of lead-bearing substances" as paint or other surface coating with lead content greater than 0.7 mg/cm<sup>2</sup> (Los Angeles County Code, Title 11, Chapter 11.28, Section 11.28.010 C).

The following tested surfaces were found to contain lead concentrations equal to or greater than 0.7 mg/cm<sup>2</sup>.

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 (ppm)
0302L-5	Fixtures (roofing)	Metal	Roof	Off-white	38,000
PC-25	Beam	Metal	Interior structural beams and columns	Orange	560,000
NA	Fixtures/tile	Ceramic	Restrooms	White	Assumed

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 (ppm)
0302L-1	Wall	Smooth plaster	Mechanical room	Tan	3,100
0302L-3	Rough plaster	Rough plaster	Interior walls	Light gray	880
0302L-4	Wall	Smooth plaster	Restroom	Light gray	1,500
0302L-6	Flashing	Metal	Roof	Tan	66
0302L-8	Door frame	Metal	Exterior doors	Blue	59
PC-20	Wall	Plaster	Interior walls throughout	White	1,100
PC-21	Ceiling	Plaster	Interior ceiling throughout	White	910

Sample #	Component	Substrate	Material Location	Paint Color	Lead (ppm)
PC-22	Wall	Stucco	Exterior	White	540
PC-24	Wall	Drywall	Interior patch work	White	62

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

### 6.1 ASBESTOS

Asbestos-containing materials (ACM) were discovered during course of this inspection. Refer to Section 5 in this report for a summary of ACMs. If, during the course of this project, materials are found or added to the scope of work that are not listed in this report as being sampled, they must be treated as asbestos-containing until subsequent sampling and laboratory analysis prove otherwise.

Materials assumed to contain asbestos in this report should be properly sampled and analyzed by or under the direction of a Certified Asbestos Consultant to determine asbestos content prior to construction, demolition or renovation. These materials were inaccessible for sampling during this inspection or would be substantially damaged by such sampling.

Any damaged asbestos materials should be removed, repaired, encapsulated or enclosed. The USEPA 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, management- in-place program be developed and implemented 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.

Certain notification requirements apply to owners of buildings constructed prior to 1979 where asbestos is known to be present. California Health and Safety Code 25915-25915.7 requires that all employees working within a building known to contain asbestos be informed, in writing, initially and annually thereafter of its presence, location, procedures and handling restrictions, results for any sampling conducted in the building and potential health risks of asbestos. In addition, notification shall be provided to contractors, maintenance workers or others.

One hundred square feet or more of materials containing greater than 1/10<sup>th</sup> of one percent asbestos must be properly removed by a licensed asbestos abatement contractor using isolation control methods and disposed of appropriately. Workers handling materials containing asbestos must be properly trained and must wear the appropriate personal protective equipment (PPE).

Furthermore, when asbestos is present in any amount, be advised that certain provisions of Cal-OSHA regulation Title 8 Section 1529 still apply. These include, but are not limited to, exposure assessments, air monitoring, hazard communication, prohibitions and work practices, such as wet methods and HEPA vacuuming.

## 6.2 LEAD

Lead-based paint was reported during this inspection. Refer to Section 5 in this report for a summary of LBP.

An O&M program is recommended to properly manage-in-place identified or assumed LBP until the buildings are demolished. An O&M program is a set of measures designed to reduce lead exposure to humans and the environment. Such measures may include specialized cleaning, repairs, maintenance, painting, temporary containment, education programs, and on-going visual monitoring by owners and/or reevaluations by risk assessors. An initial evaluation of potential LBP and hazards by a certified inspector/assessor is recommended for successful implementation of an O&M program.

Workers handling Lead-Based Paint or Lead-Containing Paint must have appropriate Lead Training and must wear the appropriate personal protective equipment.

Waste generated during removal or demolition of LBP components must be properly segregated into separate waste streams. Each waste stream should be randomly sampled and each sample analyzed for lead by the California Waste Extraction Test for comparison to the Total Threshold Limit Concentration (TTL), and Soluble Threshold Limit Concentration (STLC) and by Toxicity Characteristic Leaching Procedure (TCLP) as required, to determine the final disposition of the waste.

Disturbances of paints and/or component with any detectable amount of lead are subject to regulation under *Title 8 CCR, Section 1532.1 (d)*. These requirements include awareness training, and 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 during any project that disturbs painted surfaces.

All other painted surfaces not listed above are considered lead-containing until confirmatory paint chip sampling proves otherwise.

## 6.3 POLYCHLORINATED BIPHENYLS (PCBS) IN LIGHTING EQUIPMENT

Prior to demolition work, the light fixtures must be dismantled and the ballast exposed so that the label on each light ballast can be examined. If a label is missing or is not clearly labeled "No PCB" by the manufacture, the unit must be assumed to contain PCBs.

All ballasts assumed to contain PCB's shall be removed intact and in a non-destructive manner. Ballasts shall be packaged and disposed of in accordance with 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.

Any ballasts that are observed to be leaking shall be properly containerized and disposed of in accordance with 40 CFR 761.

In addition, any impacted electrical panels or other appropriate machinery should be assumed to contain some form of PCB oil and should be disposed of accordingly.

## 6.4 MERCURY IN FLORESCENCE LIGHT TUBES/BATTERIES/THERMOSTATS

All light tubes from this project shall be segregated, packaged and disposed of in accordance with all federal, state, and local regulations and guidelines including CA Title 22 division 4.5 Chapter 11 Section 66261.50. Mercury-containing thermostats, gauges or switches must be removed by properly trained personal and disposed of properly.

Ensure that any universal waste battery that shows evidence of leakage, spillage, or damage that could cause leakage are properly contained. All batteries associated with emergency exit signs, emergency lighting, and spent battery devices should be removed intact, packaged and disposed of under 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.

## 6.5 REFRIGERANTS/GASES

Prior to renovation activities ensure all refrigerants/gases associated with HVAC units, etc. are properly collected, transported, and disposed of/recycled in accordance with federal and California Air Resource Boards. Personnel performing the removal and collection activities should be trained in compliance with the EPA's Technician Certification Program.

## 7.0 ASSUMPTIONS AND LIMITATIONS

This report was prepared exclusively for use by Santa Monica-Malibu School District and may not be relied upon by any other person or entity without Alta/NV5 '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/NV5 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/NV5 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/NV5 accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

Alta/NV5 will not accept any liability for loss, injury claim, or damage arising directly or indirectly from any use or reliance on this report. Alta/NV5 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.



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 School District.

## 8.0 SIGNATORY

Respectfully submitted by:



James C. Byers  
 Senior Consultant/Project Manager  
 Certified Asbestos Consultant  
 Cal/OSHA Cert. #06-4122  
 Lead Inspector/Assessor  
 CDPH #LRC-00001746

Reviewed by:



Christine Jordan  
 Certified Asbestos Consultant  
 Cal/OSHA Cert. #92-0215  
 CDPH-Lead in Construction Inspector/Assessor  
 CDPH-#14379

## Appendix A

Material Inventory: Asbestos, Lead and Universal Waste

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica- Malibu USD  
**PROJECT NO:** SMSD-19-9289  
**PROJECT NAME:** SAMOHI-Demo

**Art Building**

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
White textured coating	0302-1	None detected	Northeast fixture	Arts Building roof on fixtures	75 SF	No	Yes
White textured coating	0302-2	None detected	Northwest fixture				
White textured coating	0302-3	None detected	Southwest				
White sealant	0302-4	None detected	Northwest	Flashing on roof and fixtures	50 SF	No	No
White sealant	0302-5	None detected	Southwest				
White sealant	0302-6	None detected	East center				
Mortar	0302-7	None detected	Northeast	South center of roof chimney	300 SF	No	No
Mortar	0302-8	None detected	Northwest				
Mortar	0302-9	None detected	Southwest				
Red cement fire brick	0302-10	None detected	Northeast	South center of roof chimney	300 SF	No	No
Red cement fire brick	0302-11	None detected	Northwest				
Red cement fire brick	0302-12	None detected	Southwest				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica- Malibu USD  
**PROJECT NO:** SMSD-19-9289  
**PROJECT NAME:** SAMOHI-Demo

**Art Building**

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12"x12" blue floor tile with glue	0302-13	None detected	A101A, southwest	2nd floor: all classroom and closets 1st floor A012	<5000 SF	No	No
12"x12" blue floor tile with glue	0302-14	None detected	A102, north center				
12"x12" blue floor tile with glue	0302-15	None detected	A103, east center				
4" black cove base with tan mastic	0302-16	None detected	A101A, northeast	All classroom throughout Arts Building and closets	<2000 LF	No	No
4" black cove base with tan mastic	0302-17	None detected	A102, north center				
4" black cove base with tan mastic	0302-18	None detected	A103, east center				
Drywall	0302-19	None detected	Dark room ceiling center	101, 102, 103, & 104 (counters), dark room, and closet walls	600 SF	No	No
Drywall	0302-20	None detected	Black room wall center				
Drywall	0302-21	None detected	Photo lab storage				
Smooth plaster walls	0302-22	None detected	Ceiling restroom center	Restroom and mechanical room	900 SF	No	Yes
Smooth plaster walls	0302-23	None detected	South wall restroom center				
Smooth plaster walls	0302-24	None detected	Mechanical room east center				
Vibration reducer	0302-25	None detected	Northeast	2nd floor attic space	20 SF	No	No
Vibration reducer	0302-26	None detected	Northwest				
Vibration reducer	0302-27	None detected	Southwest				
Barrier paper	0302-28	None detected	East center ceiling space	Perimeter walls behind exterior stucco	8,000 SF	No	No
Barrier paper	0302-29	None detected	North center				
Barrier paper	0302-30	None detected	South center				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica- Malibu USD  
**PROJECT NO:** SMSD-19-9289  
**PROJECT NAME:** SAMOHI-Demo

**Art Building**

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Transite cement board	0302-31	25% chrysotile	North panel east	Kiln room	40 SF	No	Yes
Transite cement board	0302-32	25% chrysotile	North panel west				
Transite cement board	0302-33	25% chrysotile	South panel				
Insulation cement board	0302-34	None detected	North panel east	Kiln room	40 SF	No	Yes
Insulation cement board	0302-35	None detected	North panel west				
Insulation cement board	0302-36	None detected	South panel				

Note: Attic space on the 2nd floor has approximately 20 elbows and 140 LF of visible TSI that are not damaged.

**MATERIAL INVENTORY  
LEAD PAINT CHIP SAMPLES**

**CLIENT:** Santa Monica- Malibu USD  
**PROJECT NO:** SMSD-19-9289  
**PROJECT NAME:** SAMOHI-Demo

**Art Building**

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	0302L-1	Smooth plaster	Tan	Mechanical room	Mechanical room	3,100	Yes	50 SF
Door frame	0302L-2	Metal	Light gray	A012, closet door	Interior doors	<48	No	N/A
Rough plaster	0302L-3	Rough plaster	Light gray	A012, northwest	Interior walls	880	Yes	150 SF
Wall	0302L-4	Smooth plaster	Light gray	Restroom	Restroom	1,500	No	N/A
<b>Fixtures (roofing)</b>	<b>0302L-5</b>	<b>Metal</b>	<b>Off-white</b>	<b>Northeast fixtures</b>	<b>Roof</b>	<b>38,000</b>	<b>Yes</b>	<b>30 SF</b>
Flashing	0302L-6	Metal	Tan	Northeast	Roof	66	Yes	30 SF
Wall	0302L-7	Drywall	Black	Center	Dark room	<49	No	N/A
Door frame	0302L-8	Metal	Blue	Northeast	Exterior doors	59	No	N/A

## Appendix B

Laboratory Analytical Report: Asbestos and Lead



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Long Beach CA 90807  
Attn.: Jim Byers

**Project Number** SMSD-19-9289  
**Project Name** SAMOHI- Arts  
**Location** Santa Monica High  
**PO Number**  
**WO Number**

**Report Number** 2143494

**Date Received** 03/04/2021  
**Date Analyzed** 03/08/2021  
**Date Reported** 03/08/2021

**Date Sampled** 03/02/2021  
**Sampled By** Randy Flores  
**Total Samples** 42

**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	(%)
2143494-001 0302-1	Arts Bldg Roof Textured Coating, White/Silver, Non-homogeneous	LAYER 1 100%	Metallic Paint Binder/Filler	20% 80%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-002 0302-2	Arts Bldg Roof Textured Coating, White/Silver, Non-homogeneous	LAYER 1 100%	Metallic Paint Binder/Filler	20% 80%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-003 0302-3	Arts Bldg Roof Textured Coating, White/Silver, Non-homogeneous	LAYER 1 100%	Metallic Paint Binder/Filler	20% 80%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-004 0302-4	Arts Bldg Roof Sealant, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-005 0302-5	Arts Bldg Roof Sealant, Beige/White, Non-homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-006 0302-6	Arts Bldg Roof Sealant, Beige/White, Non-homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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Alta Environmental  
 3777 Long Beach Blvd.  
 Long Beach CA 90807  
 Attn.: Jim Byers

**Project Number** SMSD-19-9289  
**Project Name** SAMOHI- Arts  
**Location** Santa Monica High  
**PO Number**  
**WO Number**

**Report Number** 2143494

**Date Received** 03/04/2021  
**Date Analyzed** 03/08/2021  
**Date Reported** 03/08/2021

**Date Sampled** 03/02/2021  
**Sampled By** Randy Flores  
**Total Samples** 42

**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	(%)
2143494-007 0302-7	Arts Bldg Roof Mortar, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 40% 15%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-008 0302-8	Arts Bldg Roof Mortar, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 40% 15%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-009 0302-9	Arts Bldg Roof Mortar, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 40% 20%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-010 0302-10	Arts Bldg Roof Fire Brick, Cream/Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-011 0302-11	Arts Bldg Roof Fire Brick, Cream/Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-012 0302-12	Arts Bldg Roof Fire Brick, Cream/Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



1508 East 33rd Street  
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 Tel: 562-206-2770  
 Fax: 562-206-2773

Alta Environmental  
 3777 Long Beach Blvd.  
 Long Beach CA 90807  
 Attn.: Jim Byers

**Project Number** SMSD-19-9289  
**Project Name** SAMOHI- Arts  
**Location** Santa Monica High  
**PO Number**  
**WO Number**

**Report Number** 2143494

**Date Received** 03/04/2021  
**Date Analyzed** 03/08/2021  
**Date Reported** 03/08/2021

**Date Sampled** 03/02/2021  
**Sampled By** Randy Flores  
**Total Samples** 42

**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	(%)
2143494-013 0302-13A	Arts Bldg 12"x12" Floor Tile, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-014 0302-13B	Arts Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-015 0302-14A	Arts Bldg 12"x12" Floor Tile, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-016 0302-14B	Arts Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-017 0302-15A	Arts Bldg 12"x12" Floor Tile, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-018 0302-15B	Arts Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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Alta Environmental  
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 Long Beach CA 90807  
 Attn.: Jim Byers

**Project Number** SMSD-19-9289  
**Project Name** SAMOHI- Arts  
**Location** Santa Monica High  
**PO Number**  
**WO Number**

**Report Number** 2143494

**Date Received** 03/04/2021  
**Date Analyzed** 03/08/2021  
**Date Reported** 03/08/2021

**Date Sampled** 03/02/2021  
**Sampled By** Randy Flores  
**Total Samples** 42

**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	(%)
2143494-019 0302-16A	Arts Bldg 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Quartz Vinyl Binder	25% 75%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-020 0302-16B	Arts Bldg Mastic, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-021 0302-17A	Arts Bldg 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Quartz Vinyl Binder	25% 75%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-022 0302-17B	Arts Bldg Mastic, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-023 0302-18A	Arts Bldg 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Quartz Vinyl Binder	25% 75%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-024 0302-18B	Arts Bldg Mastic, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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Alta Environmental  
3777 Long Beach Blvd.  
Long Beach CA 90807  
Attn.: Jim Byers

**Project Number** SMSD-19-9289  
**Project Name** SAMOHI- Arts  
**Location** Santa Monica High  
**PO Number**  
**WO Number**

**Report Number** 2143494

**Date Received** 03/04/2021  
**Date Analyzed** 03/08/2021  
**Date Reported** 03/08/2021

**Date Sampled** 03/02/2021  
**Sampled By** Randy Flores  
**Total Samples** 42

**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	(%)
2143494-025 0302-19	Arts Bldg Drywall, Pink/Brown/White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Binder/Filler	20% <1 80%	None Detected	
<b>Asbestos Present: No</b>			Total % Non-Asbestos:	100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
2143494-026 0302-20	Arts Bldg Drywall, White/Brown/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Binder/Filler	10% <1 90%	None Detected	
<b>Asbestos Present: No</b>			Total % Non-Asbestos:	100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
2143494-027 0302-21	Arts Bldg Drywall, White/Brown/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Binder/Filler	10% <1 90%	None Detected	
<b>Asbestos Present: No</b>			Total % Non-Asbestos:	100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
2143494-028 0302-22	Arts Bldg Smooth Wall Plaster, White/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	25% 65% 10%	None Detected	
<b>Asbestos Present: No</b>			Total % Non-Asbestos:	100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
2143494-029 0302-23	Arts Bldg Smooth Wall Plaster, White/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 40% 15%	None Detected	
<b>Asbestos Present: No</b>			Total % Non-Asbestos:	100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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Attn.: Jim Byers

**Project Number** SMSD-19-9289  
**Project Name** SAMOHI- Arts  
**Location** Santa Monica High  
**PO Number**  
**WO Number**

**Report Number** 2143494

**Date Received** 03/04/2021  
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**Date Sampled** 03/02/2021  
**Sampled By** Randy Flores  
**Total Samples** 42

**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	(%)
2143494-030 0302-24	Arts Bldg Smooth Wall Plaster, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Quartz Gypsum/Binder/Filler	<1% 40% 50%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-031 0302-25	Arts Bldg Vibration Reducer, Black/ White, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	70% 30%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-032 0302-26	Arts Bldg Vibration Reducer, Black/ White, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	70% 30%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-033 0302-27	Arts Bldg Vibration Reducer, Black/ White, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	70% 30%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-034 0302-28	Arts Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-035 0302-29	Arts Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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Alta Environmental  
3777 Long Beach Blvd.  
Long Beach CA 90807  
Attn.: Jim Byers

**Project Number** SMSD-19-9289  
**Project Name** SAMOHI- Arts  
**Location** Santa Monica High  
**PO Number**  
**WO Number**

**Report Number** 2143494

**Date Received** 03/04/2021  
**Date Analyzed** 03/08/2021  
**Date Reported** 03/08/2021

**Date Sampled** 03/02/2021  
**Sampled By** Randy Flores  
**Total Samples** 42

**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	(%)
2143494-036 0302-30	Arts Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-037 0302-31	Arts Bldg Transite Cement Board, Lt. Gray, Homogeneous	LAYER 1 100%	Binder/Filler	75%	Chrysotile	25%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		75.0%	<b>Total %Asbestos:</b>	<b>25.0%</b>
2143494-038 0302-32	Arts Bldg Transite Cement Board, Lt. Gray, Homogeneous	LAYER 1 100%	Binder/Filler	75%	Chrysotile	25%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		75.0%	<b>Total %Asbestos:</b>	<b>25.0%</b>
2143494-039 0302-33	Arts Bldg Transite Cement Board, Lt. Gray, Homogeneous	LAYER 1 100%	Binder/Filler	75%	Chrysotile	25%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		75.0%	<b>Total %Asbestos:</b>	<b>25.0%</b>
2143494-040 0302-34	Arts Bldg Insulation, White, Homogeneous	LAYER 1 100%	Fibrous Glass	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-041 0302-35	Arts Bldg Insulation, White, Homogeneous	LAYER 1 100%	Fibrous Glass	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
2143494-042 0302-36	Arts Bldg Insulation, White, Homogeneous	LAYER 1 100%	Fibrous Glass	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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Alta Environmental  
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Long Beach CA 90807  
Attn.: Jim Byers

**Project Number** SMSD-19-9289  
**Project Name** SAMOHI- Arts  
**Location** Santa Monica High  
**PO Number**  
**WO Number**

**Report Number** 2143494

**Date Received** 03/04/2021  
**Date Analyzed** 03/08/2021  
**Date Reported** 03/08/2021

**Date Sampled** 03/02/2021  
**Sampled By** Randy Flores  
**Total Samples** 42

**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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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  
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services@AQenvlabs.com

(Lab) Order No. 2143494

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 checked="" type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Jim Byers	3 Day <input 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		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/ 495-5877	Special Instructions:		
Email	Jim. Byers@nvs.com			

PROJECT INFORMATION	
Project Name: <u>Samoah - Arts</u>	PO Number: _____
Project Number: <u>SMSP - 19 - 9289</u>	Work Order No.: _____
Location: <u>Santa Monica High</u>	Sampled By: <u>Randy Flores</u>

PLM	PCM	MOLD	LEAD (Pb)
PLM EPA 600/M4-82-020 <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"/>
PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	w/ TWA <input type="checkbox"/>	Bulk Sample <input type="checkbox"/>	Wipe <input type="checkbox"/>
			Soil <input type="checkbox"/>

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg	Volume (L)
				Stop Time	Flow Rate	
0302- 1	<sup>white</sup> Textured coating	ARTS Bldg. Roof	3/2/21			
2						
3						
4						
5						
6						
7	Mortar					
8						
9						
10	Red fire Brick					

Relinquished By: <u>Mr Jim</u>	Received By: <u>[Signature]</u>
Date/Time: <u>3-3-21</u>	Date/Time: <u>3/4/21 08:00</u>



# CHAIN OF CUSTODY

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<b>Company:</b>	Alta Environmental
<b>Project Number:</b>	SMSD-19-9289
<b>Project Name:</b>	SAMOH1 - Demo

Analysis:

TAT:

(Lab) Order No. 2143494
-------------------------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
0302-11	Red Fire Brick	ARTS Bldg. Roof	3/2/21				
12	↓	↓					
13	12" x 12" BLUE Floor tile w/ GLUE	Arts Bldg.					
14	↓						
15	↓						
16	4" Black Cove Base w/ BLACK MASTIC						
17	↓						
18	↓						
19	Dry wall						
20	↓						
21	↓						
22	Smooth <sup>Wall</sup> Plaster						
23	↓						
24	↓						
25	Vibration Reducer						
26	↓						
27	↓						
28	Barrier Paper						
29	↓						
30	↓						

Relinquished By: <i>Mr. Jim</i>	Received By: <i>[Signature]</i>
Date/Time: 3-3-21	Date/Time: 3/4/21 08:00





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: Jim Byers

**Project Number:** SMSD-19-9289  
**Project Name:** Samohi- Arts Bldg  
**Location:** SAMOHI

**Report Number: 2143495**

Date Received: 3/4/2021  
 Date Analyzed: 3/5/2021  
 Date Reported: 3/8/2021

Date Sampled: 3/2/2021  
 Sampled By: Randy Flores  
 Total Samples: 8

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

**Lead (Pb) in Paint by Flame AAS**

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
2143495-001 0302L-1	Paint Chip- Arts Bldg	0.1009	3100
2143495-002 0302L-2	Paint Chip- Arts Bldg	0.1036	< 48
2143495-003 0302L-3	Paint Chip- Arts Bldg	0.1009	880
2143495-004 0302L-4	Paint Chip- Arts Bldg	0.1001	1500
2143495-005 0302L-5	Paint Chip- Arts Bldg	0.1015	38000
2143495-006 0302L-6	Paint Chip- Arts Bldg	0.1016	66
2143495-007 0302L-7	Paint Chip- Arts Bldg	0.1023	< 49
2143495-008 0302L-8	Paint Chip- Arts Bldg	0.1016	59

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



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(Lab) Order No. 2143495

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 checked="" type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	<u>Jim Byers</u>	3 Day <input 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		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562/ 495-5877	<b>Special Instructions:</b> <u>cc: Theresa Ricci</u>		
Email				

PROJECT INFORMATION	
Project Name: <u>Samohi - Arts Bldg.</u>	PO Number: _____
Project Number: <u>SMSP-19-9289</u>	Work Order No.: _____
Location: <u>SAMOH1</u>	Sampled By: <u>Randy Flores</u>

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"/>
			Soil <input type="checkbox"/>

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg	Volume
				Stop Time	Flow Rate	(L)
<u>0302 L - 1</u>	<u>Paint Chip.</u>	<u>Arts Bldg.</u>	<u>3/2/21</u>	-----		
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	-----		
<u>3</u>	<u> </u>	<u> </u>	<u> </u>	-----		
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	-----		
<u>5</u>	<u> </u>	<u> </u>	<u> </u>	-----		
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	-----		
<u>7</u>	<u> </u>	<u> </u>	<u> </u>	-----		
<u>8</u>	<u> </u>	<u> </u>	<u> </u>	-----		

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>3/3/21</u>	Date/Time: <u>3/4/21 08:00</u>

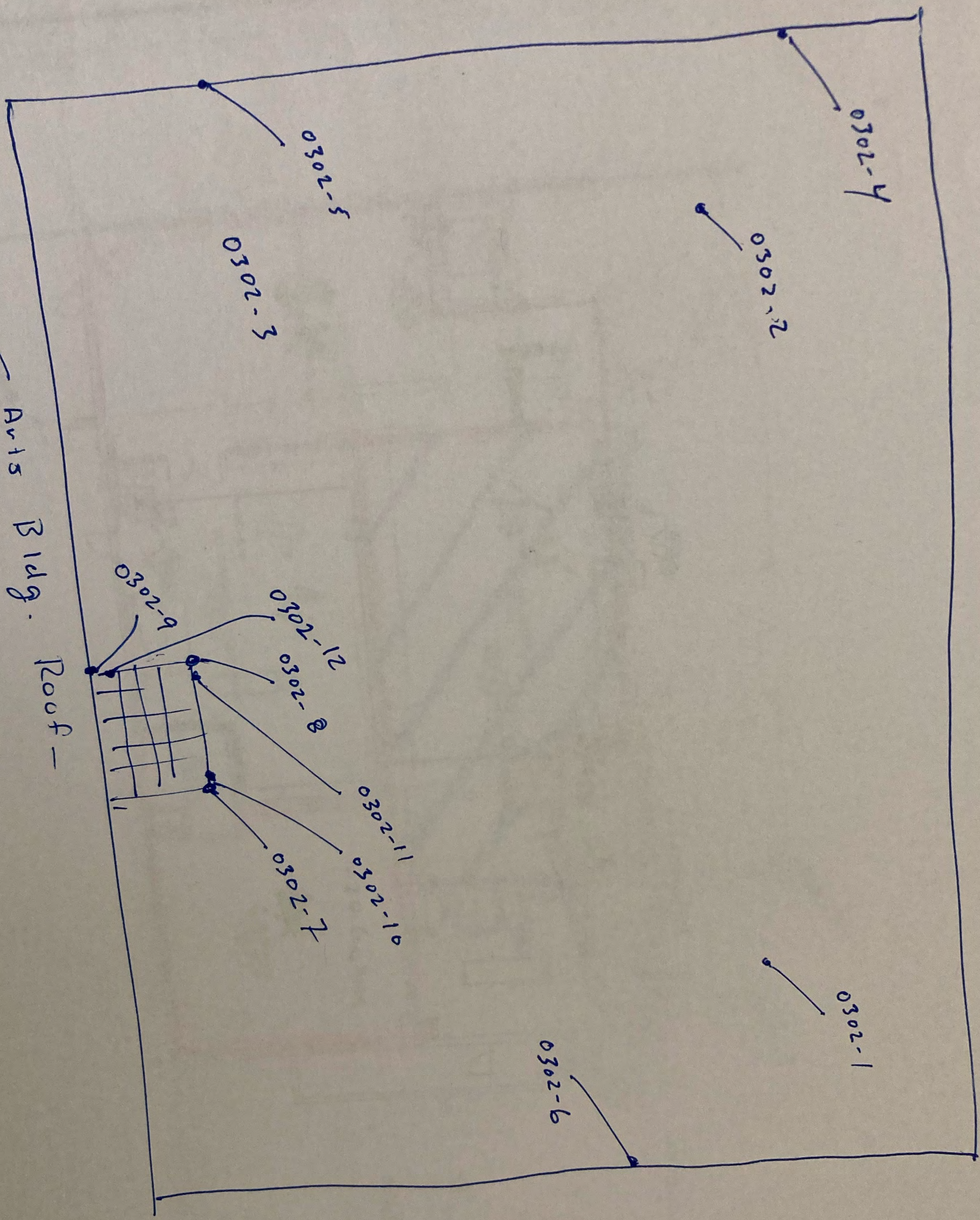
## Appendix C

Sample Location Maps: Asbestos and Lead



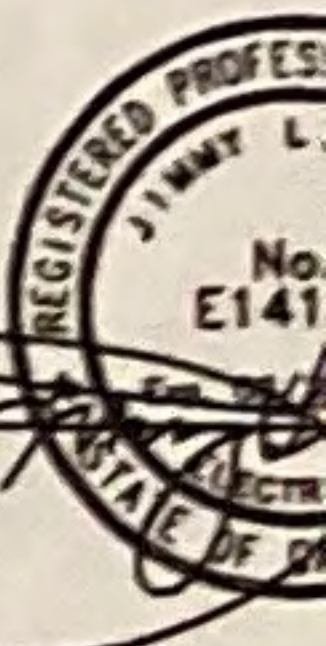








PACIFIC ENGINEERS GROUP  
Consulting Electrical Engineers  
2740 W. Magnolia Blvd., Suite 205

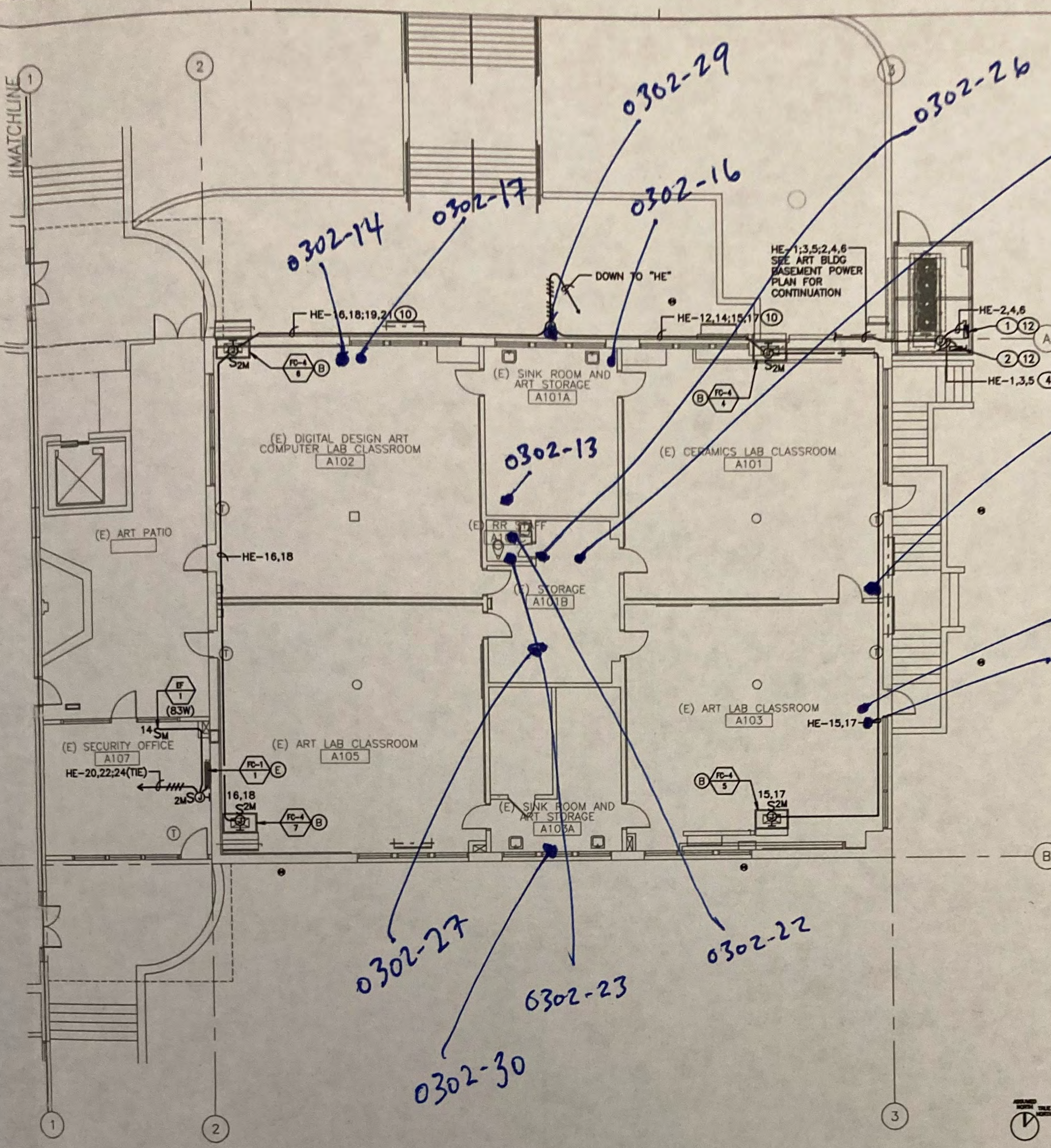


CHAN YOUNG ARCHITECTS  
2601 E. CHAPMAN AVE., SUITE 213  
FULLERTON, CA 92731

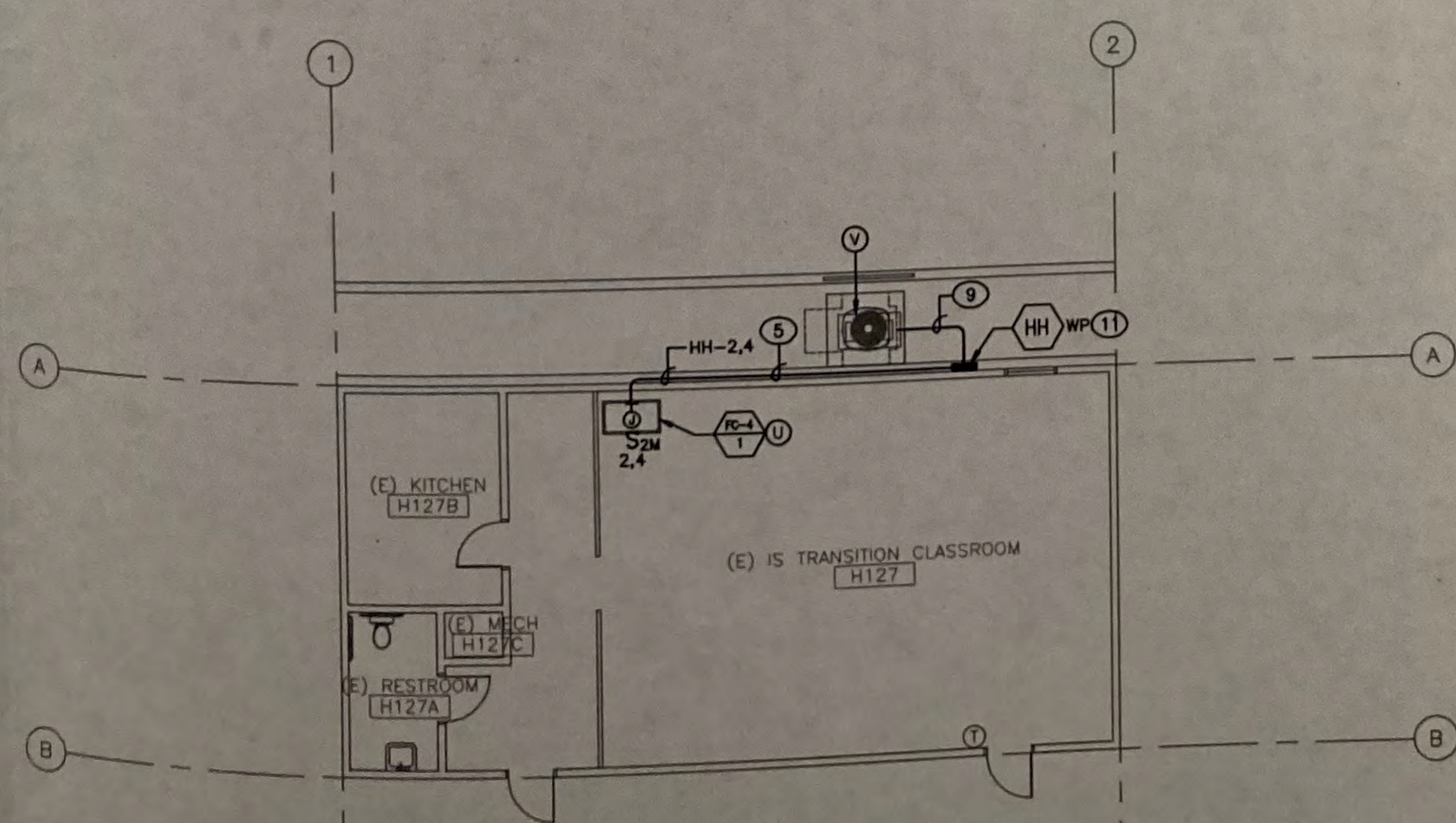
SANTA MONICA HIGH SCHOOL  
HVAC REPLACEMENT & ELECTRICAL SERVICE

ART BU  
FIRST & E  
HISTORY  
ROOM  
POWER

DATE: 10/31  
JOB NO:  
BUDGET:  
CONSULTANT PROJECT NO: 17001  
SUB-CONSULTANT:



BUILDING - FIRST FLOOR - POWER PLAN  
1'-0"



KEY PLAN

TAL



## Appendix D

Employee Certifications

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

**James Charles Byers, Jr.**  
Name

Certification No. **06-4122**

Expires on **01/18/21**



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:



James Byers

CERTIFICATE TYPE:

Lead Inspector/Assessor

NUMBER:

LRC-00001746

EXPIRATION DATE:

8/24/2021

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](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD.

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

**Randolph J Flores**

Name



Certification No. ~~17-6019~~

Expires on ~~09/12/21~~

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:**

11/28/2021

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](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD.

# Appendix E

Historical Surveys and Data



## **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](http://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

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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:**

<b>Material</b>	<b>Sample No.</b>	<b>Material Location</b>	<b>Asbestos Content</b>	<b>Est. Qty.</b>
<b>Business Building</b>				
TSI on pipe (above drop-down ceiling)	0124-31 thru 0124-33	Above drop-down ceiling in 1 <sup>st</sup> floor hallway	5% amosite – 8% amosite <1% crocidolite	700 LF
Chalkboard mastic	N/A	Basement room 10, 1 <sup>st</sup> floor rooms, 100, 106, 110, 120, 111, 115	Assumed	40 each
<b>Art Building</b>				
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 <sup>nd</sup> floor attic space throughout	10% chrysotile 10% amosite	10 LF
4" diameter pipe elbows	5272	2 <sup>nd</sup> floor attic space throughout	5% chrysotile	10 elbows
Asbestos-cement panels	N/A	Room 013A, lining furnace hood	Assumed	20 SF

<b>Material</b>	<b>Sample No.</b>	<b>Material Location</b>	<b>Asbestos Content</b>	<b>Est. Qty.</b>
<b>English Building</b>				
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
<b>History Building</b>				
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 <sup>st</sup> &2 <sup>nd</sup> 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
<b>Language Building</b>				
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

<b>Material</b>	<b>Sample No.</b>	<b>Material Location</b>	<b>Asbestos Content</b>	<b>Est. Qty.</b>
Ceiling access panels	LL1601	Room L104 thru L116, room L204 thru L210	3% chrysotile	20 units
<b>Administration Building</b>				
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
<b>Music Building</b>				
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
<b>North/South Gym</b>				
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
-----------------------	--------------------	---	-------------------------------------	-----------

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 <sup>2</sup> )
<b>Business Building</b>					
PC-7	Ceiling	Metal	Room B105	Gray	75,000
PC-8	Roof vent	Metal	Roof exhaust vents	Black	160,000
<b>English Building</b>					
PC-19A	Beam	Metal	Structural beams and columns	Orange	650,000



Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm <sup>2</sup> )
<b>Art Building</b>					
PC-25	Beam	Metal	Interior structural beams/columns	Orange	560,000
<b>Barnum Hall</b>					
PC-47	Beam	Metal	Original structural beams, columns, decking	Orange	440,000
<b>North South Gym</b>					
PC-67	Beam wall	Metal	Interior structural beams, columns, truss	Green	27,000
<b>Admin Building</b>					
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  
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**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  
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**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				



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**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  
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**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**

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**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**

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**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	Room 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 SF	No	No
Joint compound	5257	None detected	Previously sampled				
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**

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**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**

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**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				
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**

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**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**

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**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  
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***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**

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**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				
12" peghole ceiling tile with mastic (walls & ceilings)							

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

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**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**

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***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**

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**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  
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**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**

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**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**

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**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				

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ASBESTOS SAMPLES**

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**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				

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**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**

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***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		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**

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**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	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
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**

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**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 office, 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**

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**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**

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**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  
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**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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**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				

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**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, N126, N128, N105, N103, N129, N131, N109, N109, N113, N111, N162, N160, N201, N200, N200A, , N201, N201A, P100, P111, PP112, P113, SG16A, SG16, basement	24,000 SF	No	No
Drywall (new patch work)	gym-01	None detected	N106, northwest corner				
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				
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



**ALTA**  
ENVIRONMENTAL

**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, N104A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N104, N113, N111	24000ft <sup>2</sup>	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 <sup>2</sup>	N	N
		↓	gym-03	N140, N ctr	SG16A, SG16, SE corridors (basement) SG B16B, SG14, SG15, SG 110, SG11, SG13			
		↓	-04	SG102, S ctr	SG 120A, SG102, SG102A, SG 206, SG 205A, SG 102			
		Plaster	P.S. Neg	NPS 11 (Basement NW stairwell)	Basement NW stairwell, N112, N115, 1st floor NW stairwell, N110, N100, N123, N140	31000ft <sup>2</sup>	N	N
		Resampled Same Location	gym-05	N162, N ctr	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			
		↓	P.S. Neg	NPS 12 → NPS 13, NPS 14, NPS 14A, NPS 15, NPS 15-A	SG 200, 2nd floor SE & SW halls, SG 205A, SG 200, SG 201, SG 200A, SG 200 SG 203			



**ALTA**  
ENVIRONMENTAL

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/Moste (on walls & ceiling)	P.S. Neg	NPS 14	North gym, bball court, south gym Bball court, South gym, SE stairwell,	3700ft <sup>2</sup>	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 <sup>2</sup>	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/Gluc	P.S. Neg	NPS 23	NE stairwell North gym, South gym stairwell, SG 206, Bball court,	12700ft <sup>2</sup>	N	N
		↓	gym -10	NE stairwell, w ctr	North & South gym side seating areas.	↓		
			gym -11	SG 206, NE corner				





**ALTA**  
ENVIRONMENTAL

**Asbestos Field Bulk Sample List**

Client: SMMUSO  
 Project No.: SMSD-18-7472  
 Project Name: SRM011 North/South Gym

Technician: Jorge Robles  
 Date: 1/31/18  
 Page: 4 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywall mud (ceiling)	gym -21	NE stairwell, e ctr	above Assured ceiling <sup>tiles</sup> NE stairwell, N gym, SE stairwell, S gym	12700ft <sup>2</sup>	N	N
			-22	↓ NW corner	N & S gym seating areas, BBall court	↓		
			-23	SE stairwell, ctr	↓ SE 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 <sup>2</sup>	N	N
			-29	↓ ctr	↓	↓		
			-30	↓ NE corner	↓	↓		
		gray patch mastic	-31	pool roof, N ctr	patch work throughout all roof levels.	200ft <sup>2</sup>	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: SAMOTH1 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 <sup>2</sup>	N	N
			-35	↓ SE corner	↓	↓		
			-36	Roof 2, ctr	↓	↓		
		white penetration mastic	-37	Roof 1, NE per	All roof levels <del>per</del>	500ft <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	N	N
		<del>312 #16 window putty</del>	<del>-43</del>	<del>Exterior window</del>	<del>Exterior windows</del>	<del>300lft</del>	<del>N</del>	<del>N</del>
		<del>NO exterior windows found</del>	<del>-44</del>	<del>SE window</del>	↓	↓	↓	↓
			<del>-45</del>	<del>W ctr window</del>	↓	↓	↓	↓



# EVACUATION ROUTE SECOND FLOOR NORTH GYM



POOL BUILDING

POOL BUILDING

FOLLOW  
WALKWAY  
TO GREEK

UPPER NORTH  
GYMNASIUM

NG220  
WRESTLING  
ROOM

N206  
STORAGE

N20  
STORAGE

NPS21  
NPS20

NPS22

LOCKER  
ROOM

GIRLS  
RESTROOM

BOYS  
RESTROOM

LOCKER  
ROOM

VESTIBULE

ELEVATOR



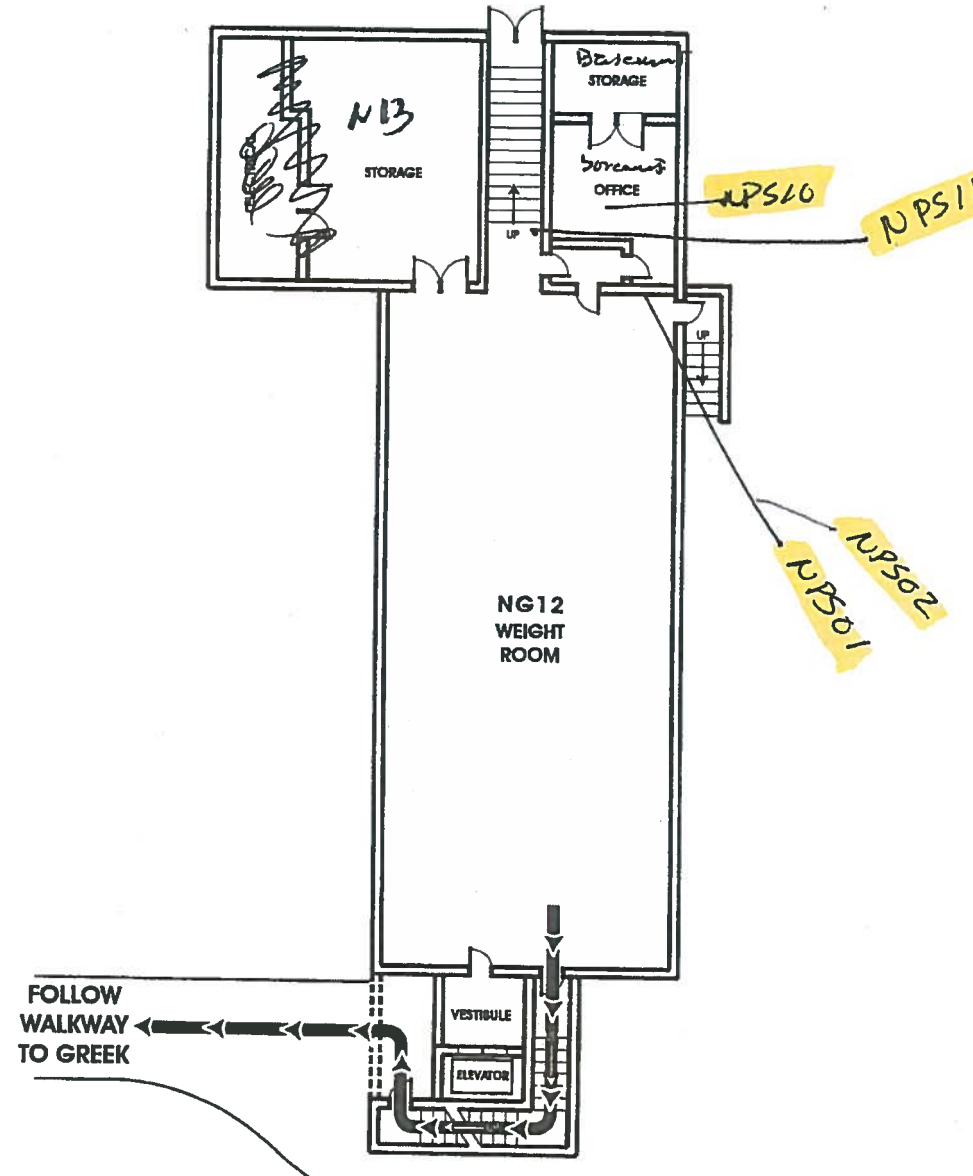
KEEP POSTED ~ DO NOT REMOVE

1st FLOOR NORTH GYM REV 8/2017

# EVACUATION ROUTE BASEMENT - NORTH GYM



TRACK FIELD

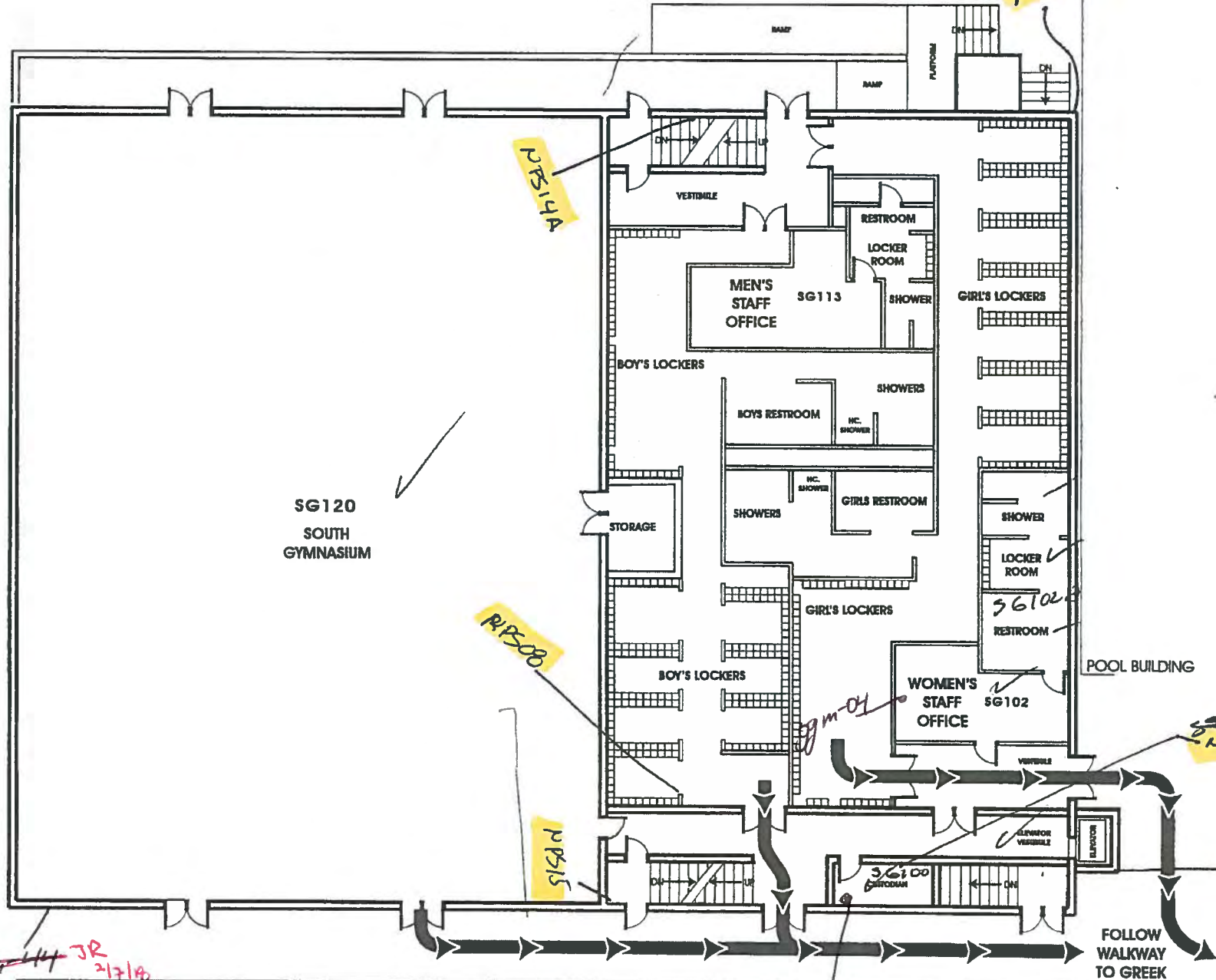




# EVACUATION ROUTE FIRST FLOOR SOUTH GYM

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

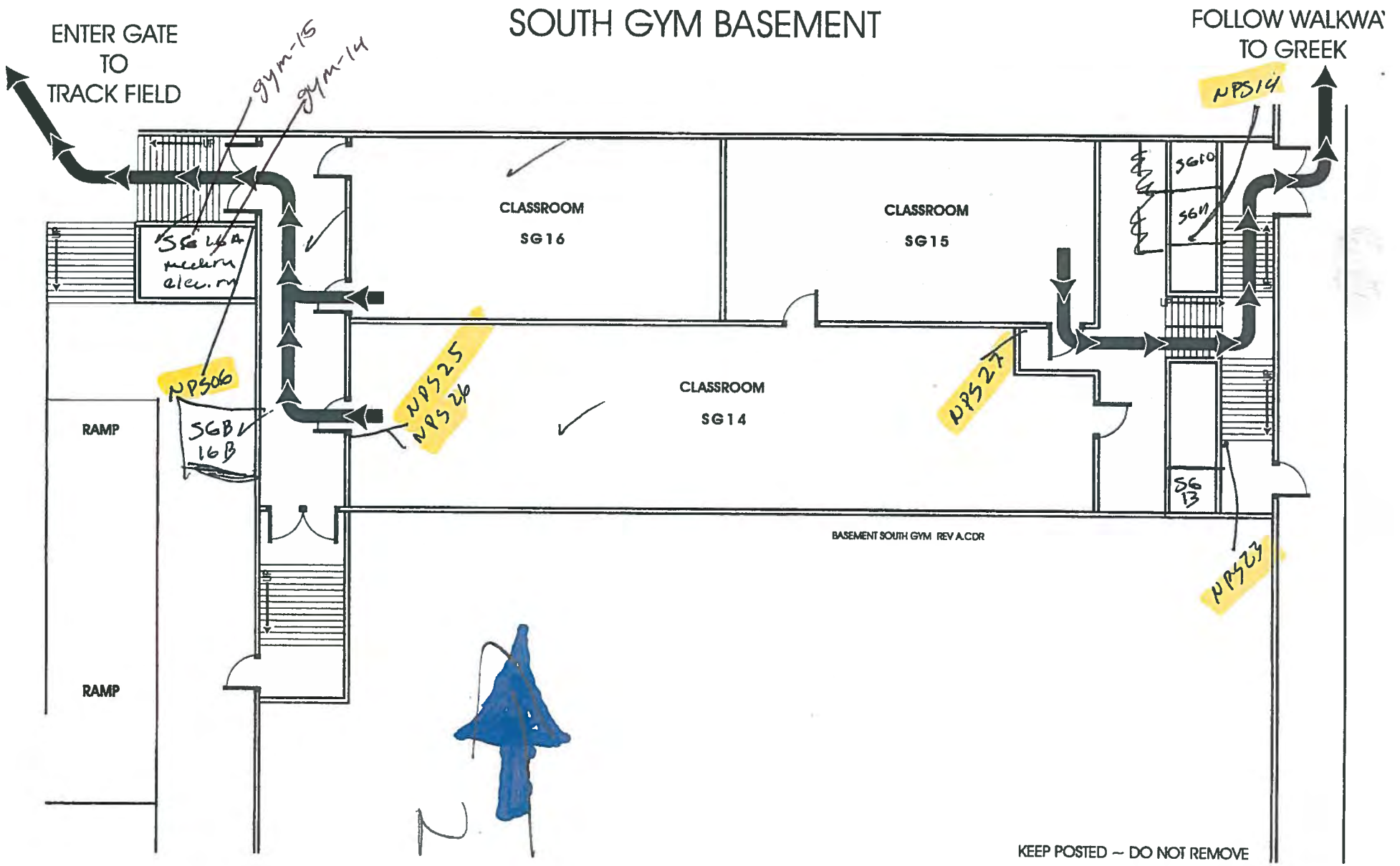
JR  
2/7/19

KEEP POSTED ~ DO NOT REMOVE ggm-02

1ST FLOOR SOUTH GYM REV C.COR



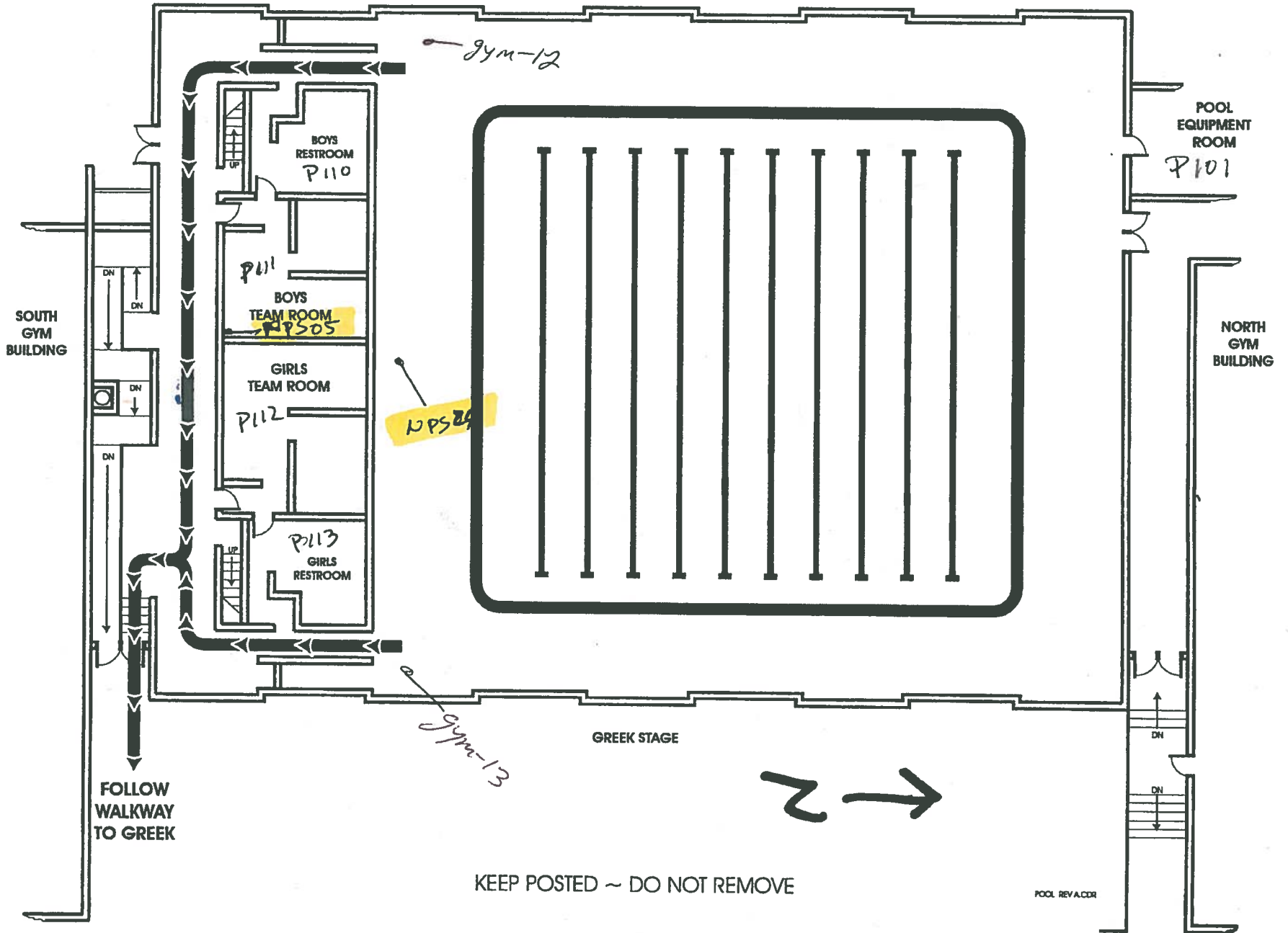
# EVACUATION ROUTE SOUTH GYM BASEMENT



KEEP POSTED - DO NOT REMOVE

# EVACUATION ROUTE POOL BUILDING

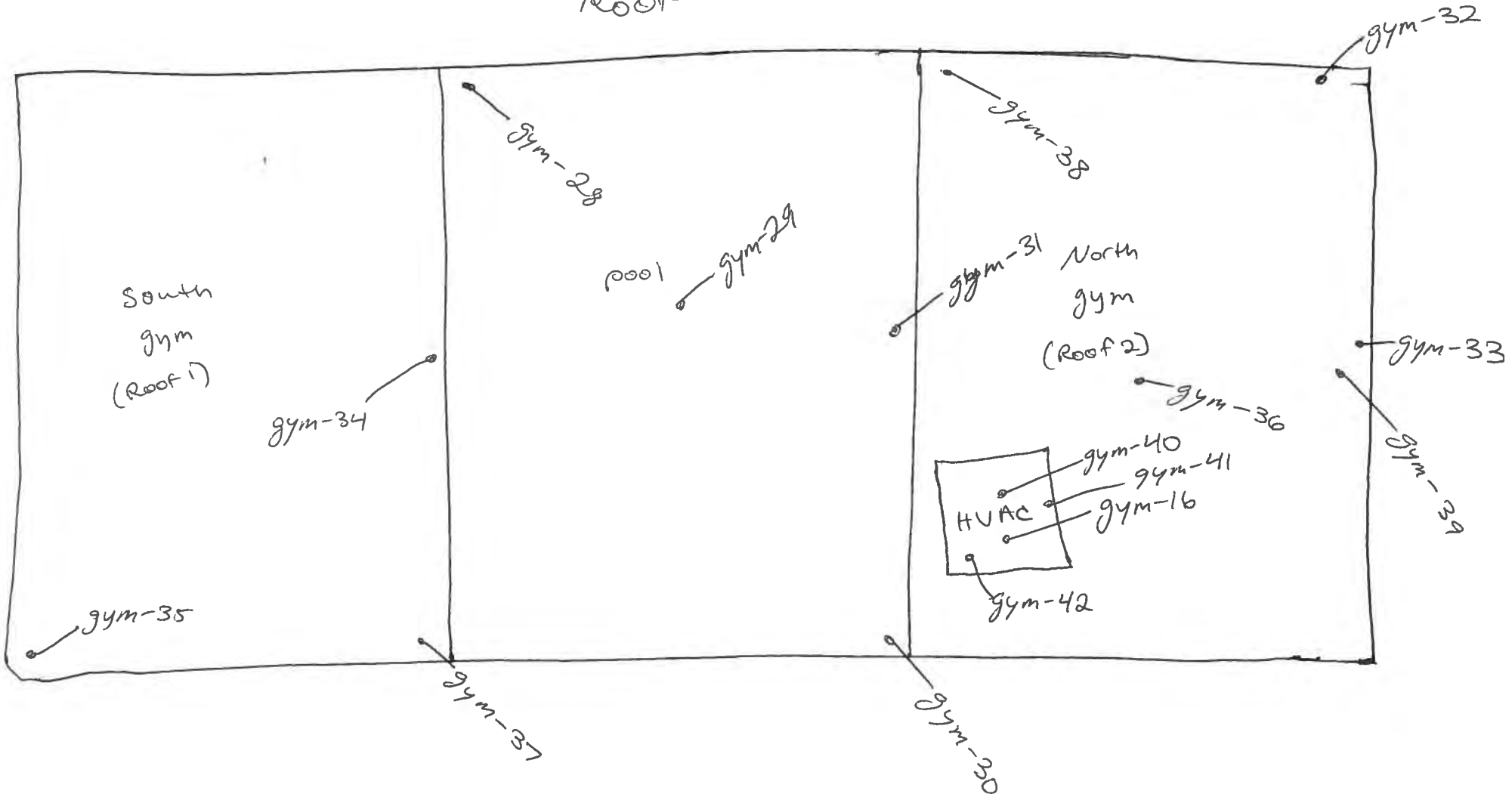
TRACK FIELD







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 <sup>2</sup>	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 <sup>2</sup>	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, <del>vestib.</del>	3500ft <sup>2</sup>	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, 103, 102, percussion storage, 100B, instrument storage	6500ft <sup>2</sup>	N	N
			-11	M101 N ctr	↓	↓		
			-12	M102, NW corner	↓	↓		



**ALTA**  
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 <sup>2</sup>	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 <sup>2</sup>	N	N
		Drywall ceiling	-21	M200 ctr	Rms M200, 201A, 201B, 201C, 201D, 201E, 200A, <del>200</del>	3200ft <sup>2</sup>	N	N
			-22	M201A, N ctr				
			-23	M201D NE corner				



**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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	N	N
			-37	↓ NE corner	↓	↓		
			-38	Roof 2, ctr	↓	↓		
		White penetration mastic	-39	Roof 1 SW pen	All roof levels	400 ft <sup>2</sup>	N	N
			-40	Roof 2 NE pen	↓	↓		
			-41	↓ N ctr pen	↓	↓		
		Window Putty	-42	exterior NW	Exterior Windows	300 ft <sup>2</sup>	N	N
			-43	↓ SE	↓	↓		
			-44	↓ N ctr	↓	↓		
		Button Board	-45	M100, NW corner	(above acoustical plaster ceiling) M100	5200 ft <sup>2</sup>	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	<sup>roof</sup> At hatch and 2nd floor ceiling space	18000 ft <sup>2</sup>	N	N
			-49	Roof hatch N ctr	↓	↓		
			-50	2nd floor lobby, S ctr	↓	↓		



## Asbestos Field Bulk Sample List

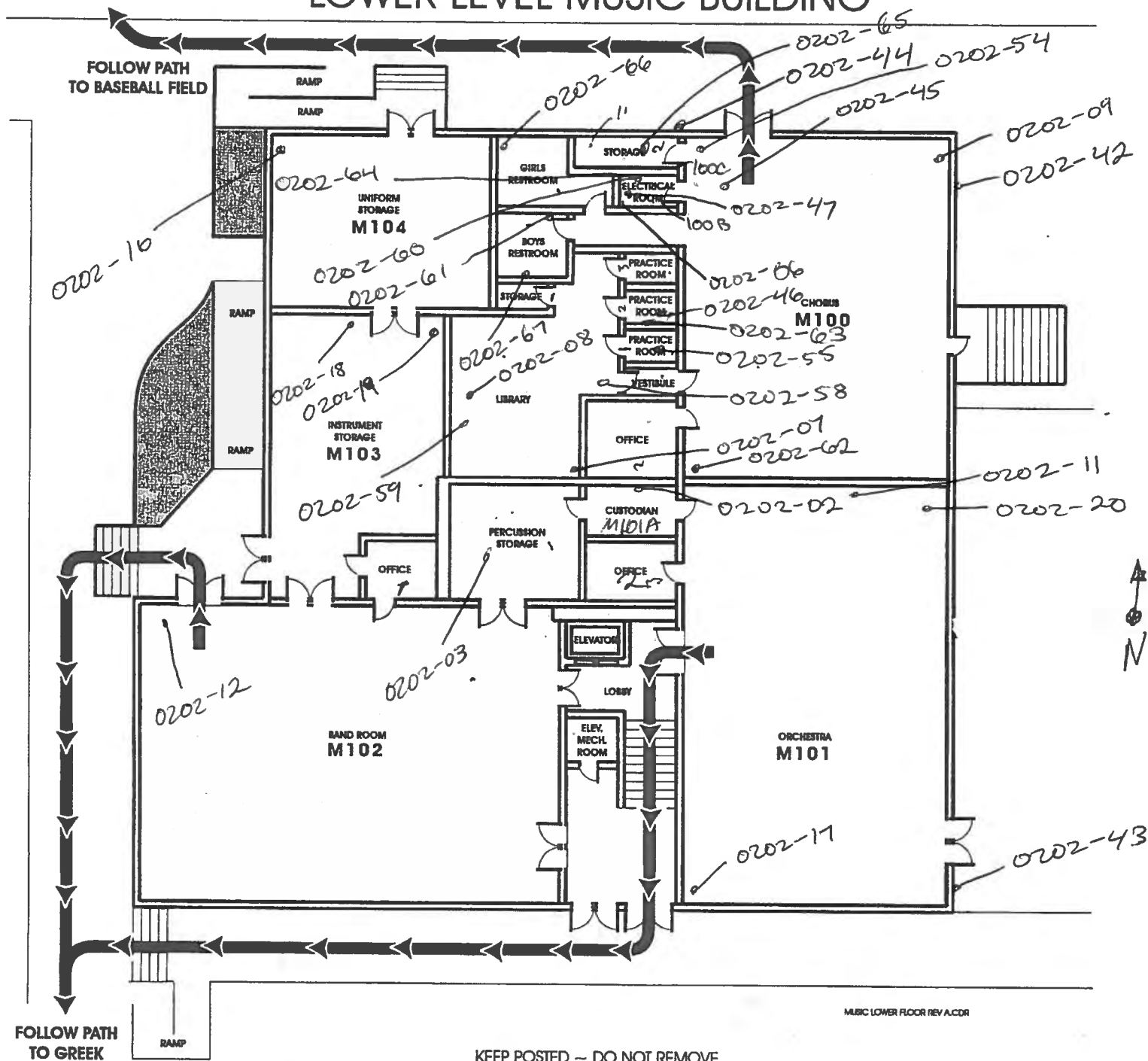
Client: SUMUSD  
 Project No.: SMUSD-18-7472  
 Project Name: SAMOH1 Music Bldg

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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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				



# EVACUATION ROUTE LOWER LEVEL MUSIC BUILDING



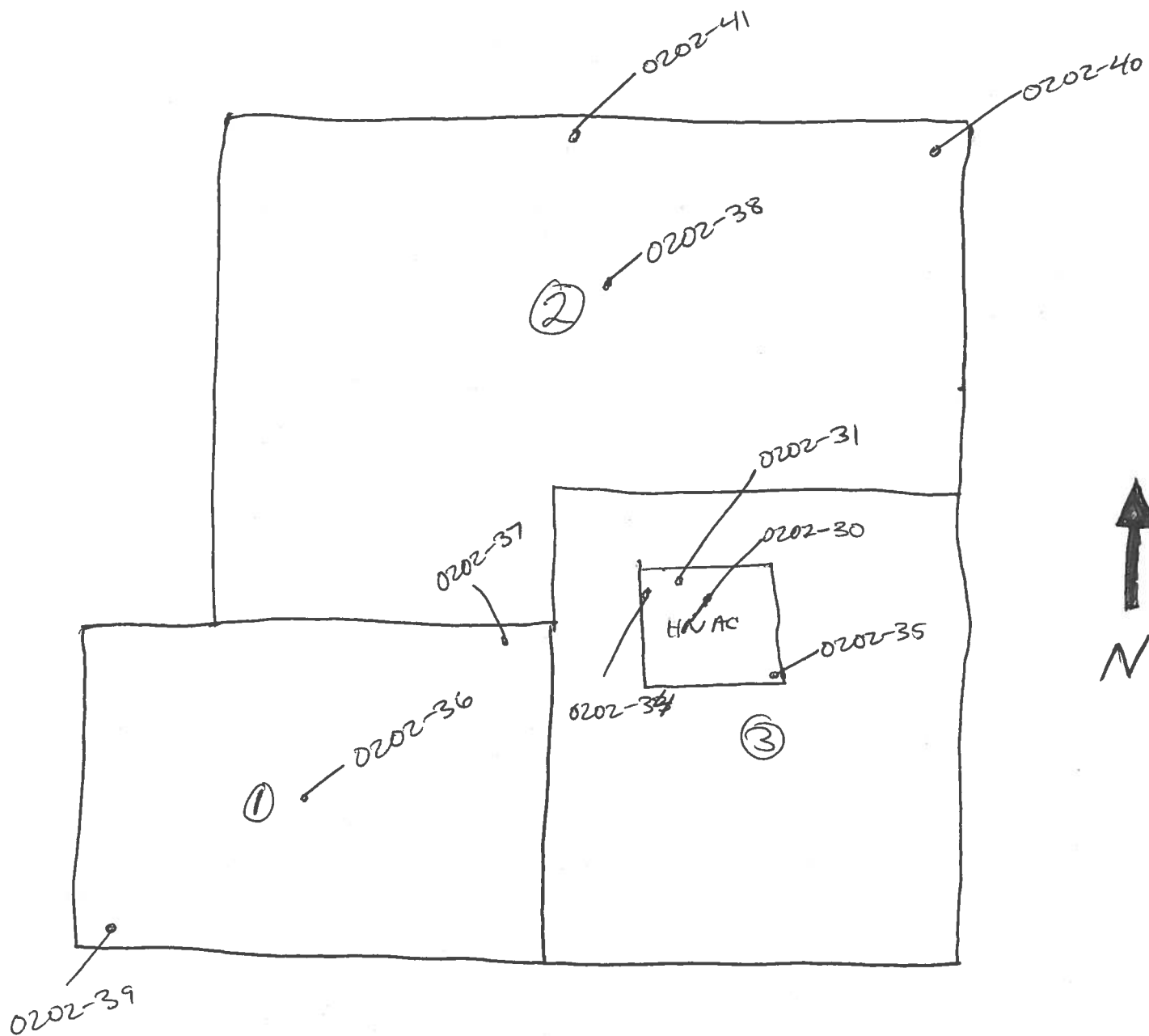
MUSIC LOWER FLOOR REV A.CDR

KEEP POSTED -- DO NOT REMOVE





# Music Bldg Roof





**ALTA**  
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 <sup>2</sup>	N	N
		Base flashing Roof Panels	P.S. Positive	LH1301 → 1303	Roof	300ft <sup>2</sup>	N	N
		Exterior Stucco Wall/Ceiling	P.S. Positive	LH1401 → 1405 LL1501 → 1505	Exterior walls and overhang	9500ft <sup>2</sup> <del>13500ft<sup>2</sup></del>	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 <del>NA</del>			
		Gypsum Ceiling	P.S. Neg	LH2001 thru LL2003	Corridors	1900ft <sup>2</sup>	N	N
		Rough Plaster	P.S.	LL0501 → LL0503	Transformers on L107C, L109A, Mech Rm	950 sq/ft	N	N





### 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 <del>L1072</del>	L11K, L117, L117B, L117C			
			0130 02	L117B NCR				
		Jt. Compound	P.S. Neg	L04, L13-D L16				
		X	<del>03</del>					
			<del>04</del>					
			<del>05</del>					
			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 <sup>2</sup>	N	N
		↓ See	0130 03	2nd floor corridor <del>Room 208</del> , ctr on	HVAC			
		↓	0130 04	2nd floor corridor <del>Room 208</del> , ctr on	HVAC			
		Smooth Plaster	P.S. Neg	LL0701 → 06709	Interim - throughout	26000 sqft	N	N
		12" Randa Pyg h/c C.T. w/ glue	P.S. Neg	LL0901 → LL1003	L210, L208, Corridors, L206, L207, L101, 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 <sup>st</sup> → 2 <sup>nd</sup> 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				



**ALTA**  
ENVIRONMENTAL

**Asbestos Field Bulk Sample List**

Client: SMMUSD  
 Project No.: SMSD-18-7472  
 Project Name: SAMD11 Language

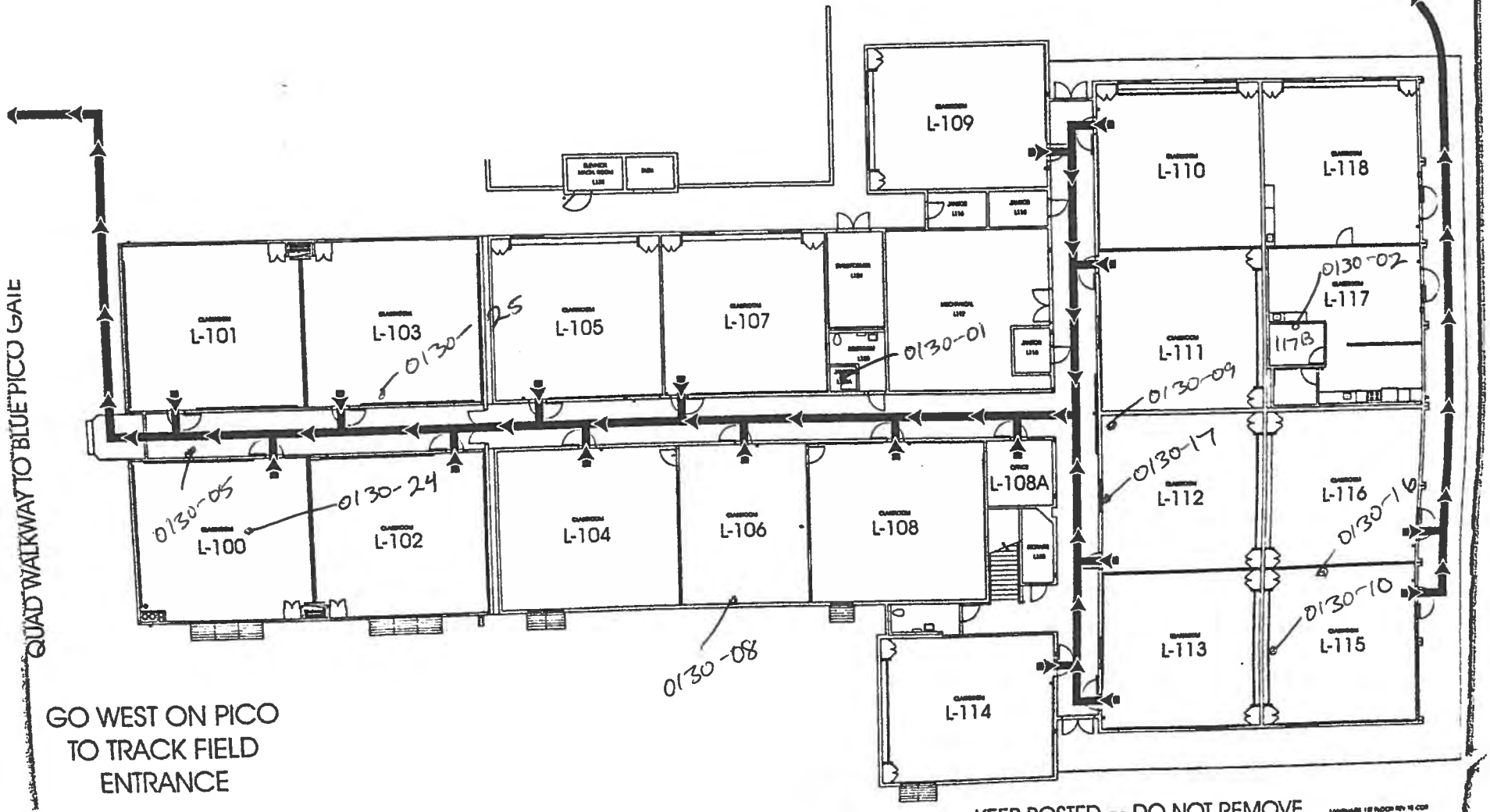
Technician: Jorge Robles  
 Date: 1/30/18  
 Page: 4 of 5

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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	N	N
			-19	SW corner				
			-20	E ctr				
		Roof Mastic	-21	NE per	Roof penetration	400ft <sup>2</sup>	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

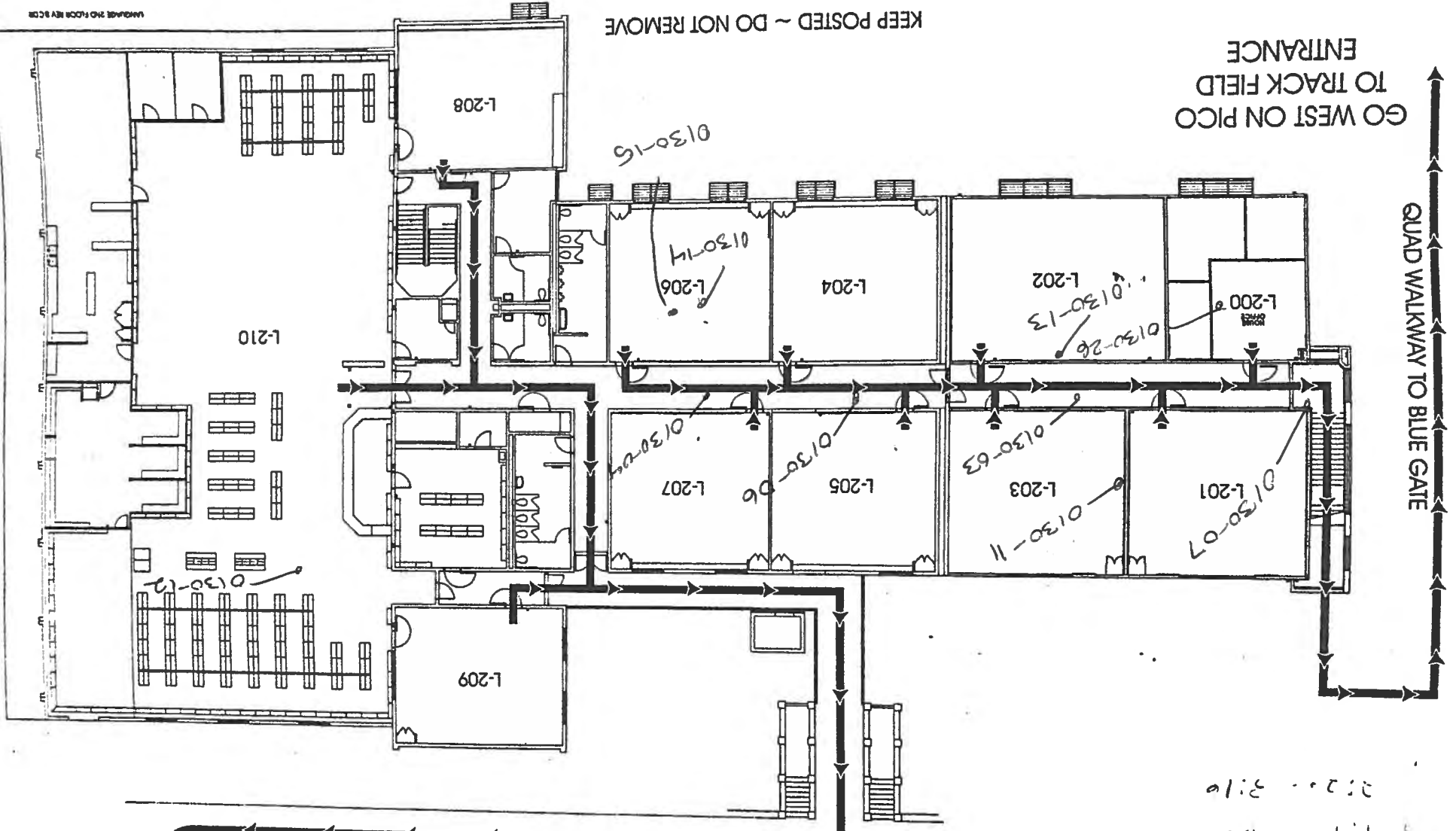
LANGUAGE 1st FLOOR BY 12/05



TO  
SOFTBALL  
FIELD

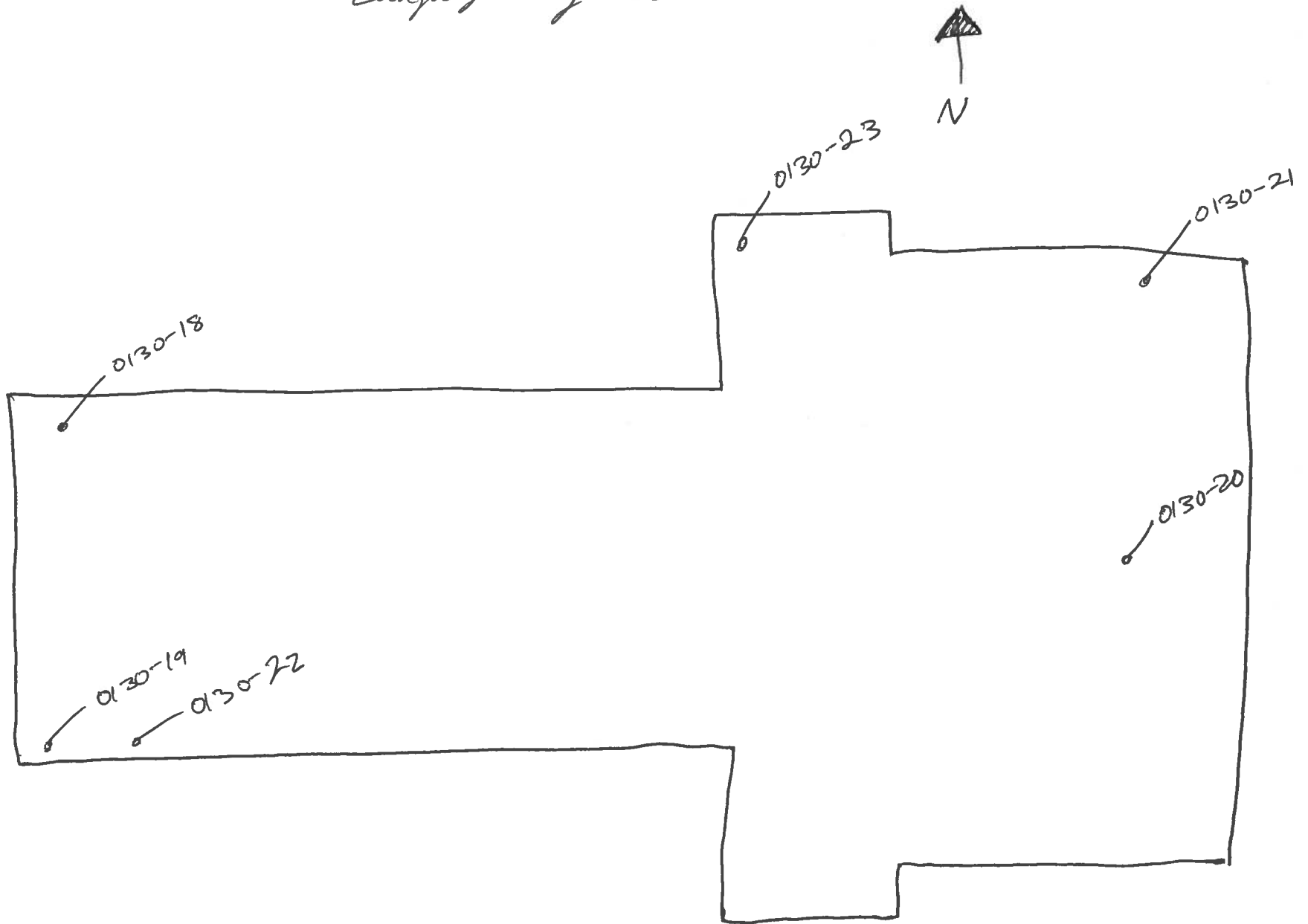
# EVACUATION ROUTE LANGUAGE BUILDING - 2nd FLOOR

- 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 <sup>2</sup>	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 <sup>2</sup>	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				
			-H15	Rm 103 window ctr				
		-H16	Rm 114 window ctr					
		-H17	Rm 120 window ctr					
			P.50 H06-08	< 1% Chrysotile				

*resampling b/c of trace sample* (with arrow pointing to H15-H17)

*\* 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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	N	N
		Drywall	P.S. H10, H21A	None detected	H104, H104A, H104B, H107, RR, H114, H116, H206, H203A, H212			



**ALTA**  
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 <sup>2</sup>	N	N
		2x2' fissured ceiling panel	0130-H18 0130-H19	Rm H118 ctr Rm H114, N ctr	H118, H116, H114	2700ft <sup>2</sup>	Y	N
			<del>0130-H20</del> 1/30/18					
			P.S. H23	None Detected				
		2x4' fissured ceiling panel	P.S. H28	None Detected	H127, H127B	900ft <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	N	N
			0130-H-24	Basement hallway, ctr				
			0130-H25	I N end ctr				



**ALTA**  
ENVIRONMENTAL

**Asbestos Field Bulk Sample List**

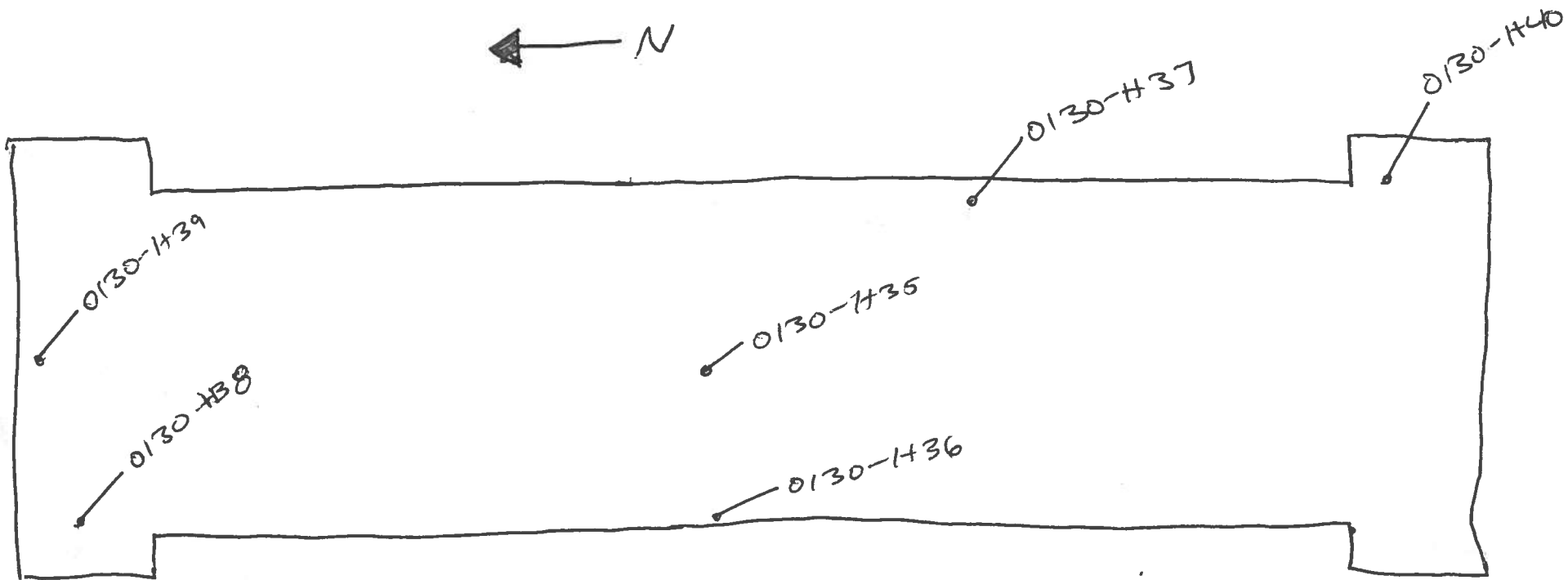
Client: SMMUSD  
 Project No.: SMSD-18-7472  
 Project Name: SANMONTI History Bldg

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				

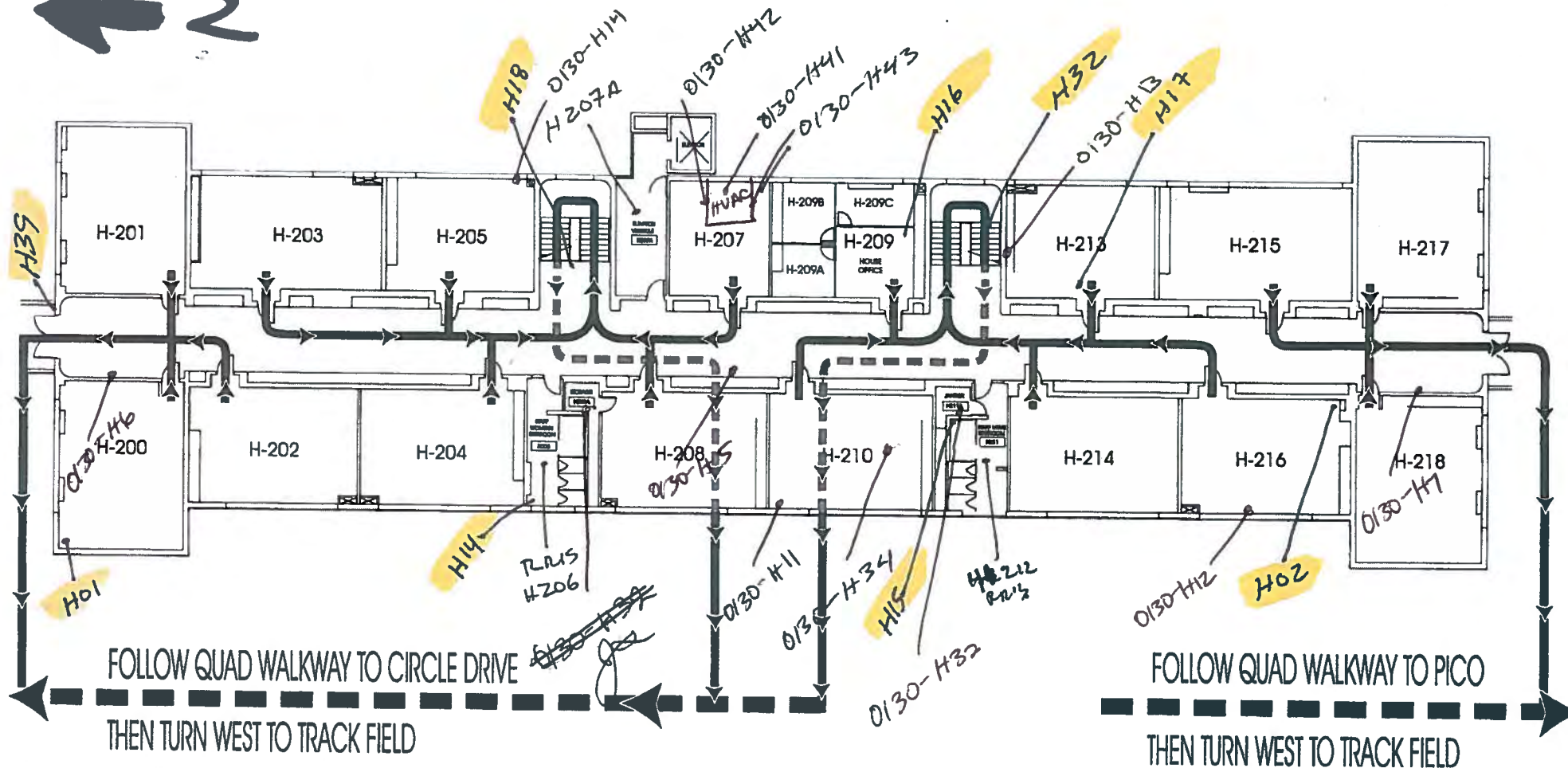


# History Bldg Roof





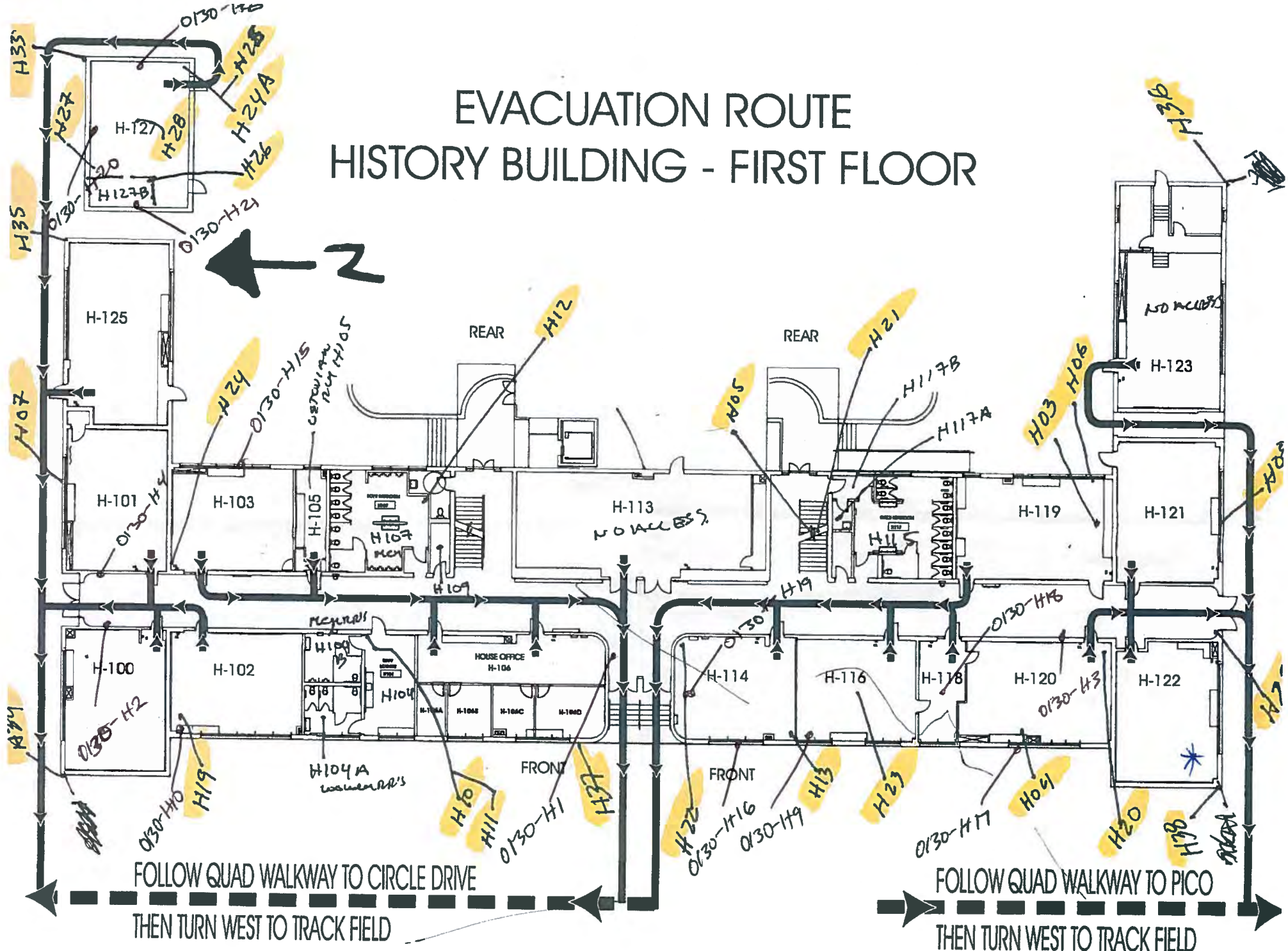
# EVACUATION ROUTE HISTORY BUILDING SECOND FLOOR



HISTORY 2nd FLOOR Rev C.CDR

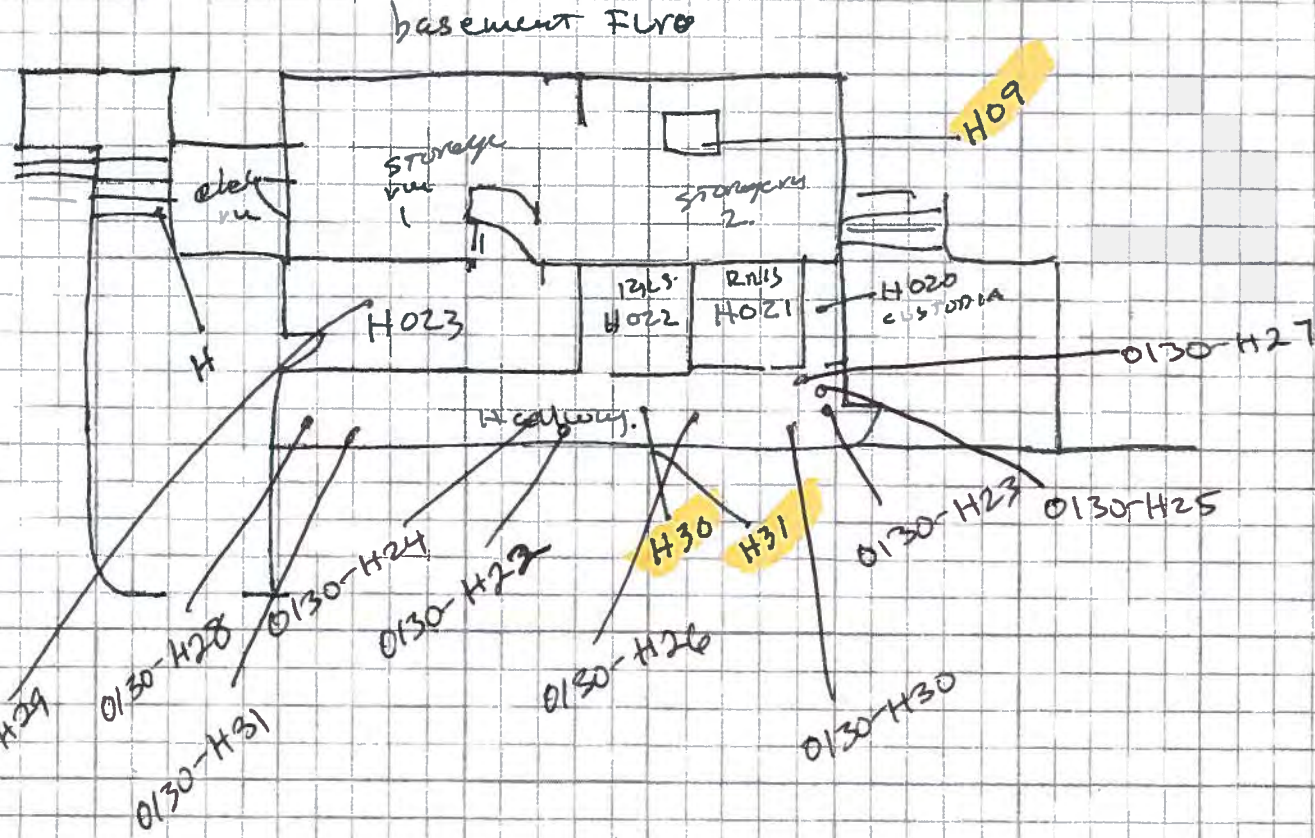
KEEP POSTED ~ DO NOT REMOVE

# EVACUATION ROUTE HISTORY BUILDING - FIRST FLOOR



KEEP POSTED ~ DO NOT REMOVE





DESCRIPTION: Basement FLOOR History bldg

JOB NAME: Santa Monica HS

JOB NO: 107-0008 DATE: 4-4-03

DRAWN BY: V-Sunder SKETCH NO: \_\_\_\_\_

SCALE:

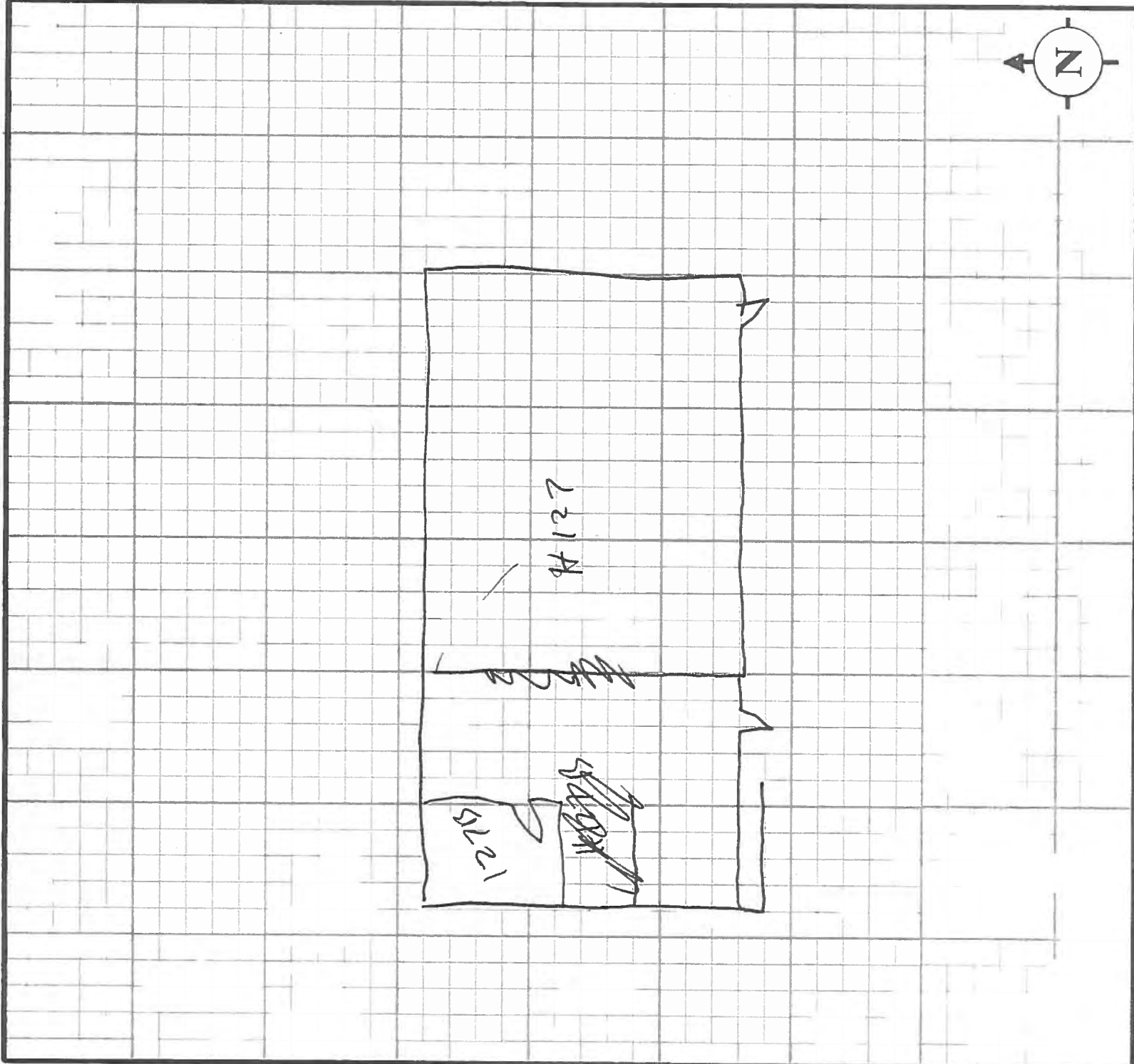
PAGE \_\_\_\_\_ OF \_\_\_\_\_



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DESCRIPTION:

JOB NAME:

JOB NO:

DRAW BY:

DATE:

SKETCH:

SCALE:

PAGE OF



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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 <sup>st</sup> , 2 <sup>nd</sup> Floors	24000 sqft	N	N
		Plaster	P.S. Positive	E	Aso: 200, E217, E215, E213 (Above Ceiling tile; 1 <sup>st</sup> floor corridor, 1 <sup>st</sup> floor RFS (Above Drywall Co.	14000 sqft	N	N
	Soft	<del>Soft</del> Plaster Ceiling	P.S. Positive	E201 → E203	E217, E215, E213, E208, E210, 2 <sup>nd</sup> floor Corridor, E201, E200, E302, E304, E100 → E117	2300 sqft	N	N
		Plaster Ceiling	P.S. Neg	E401 → E403	E104A, stairwells	2300 sqft	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 <sup>st</sup> floor RR's - 1 <sup>st</sup> → 2 <sup>nd</sup> 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





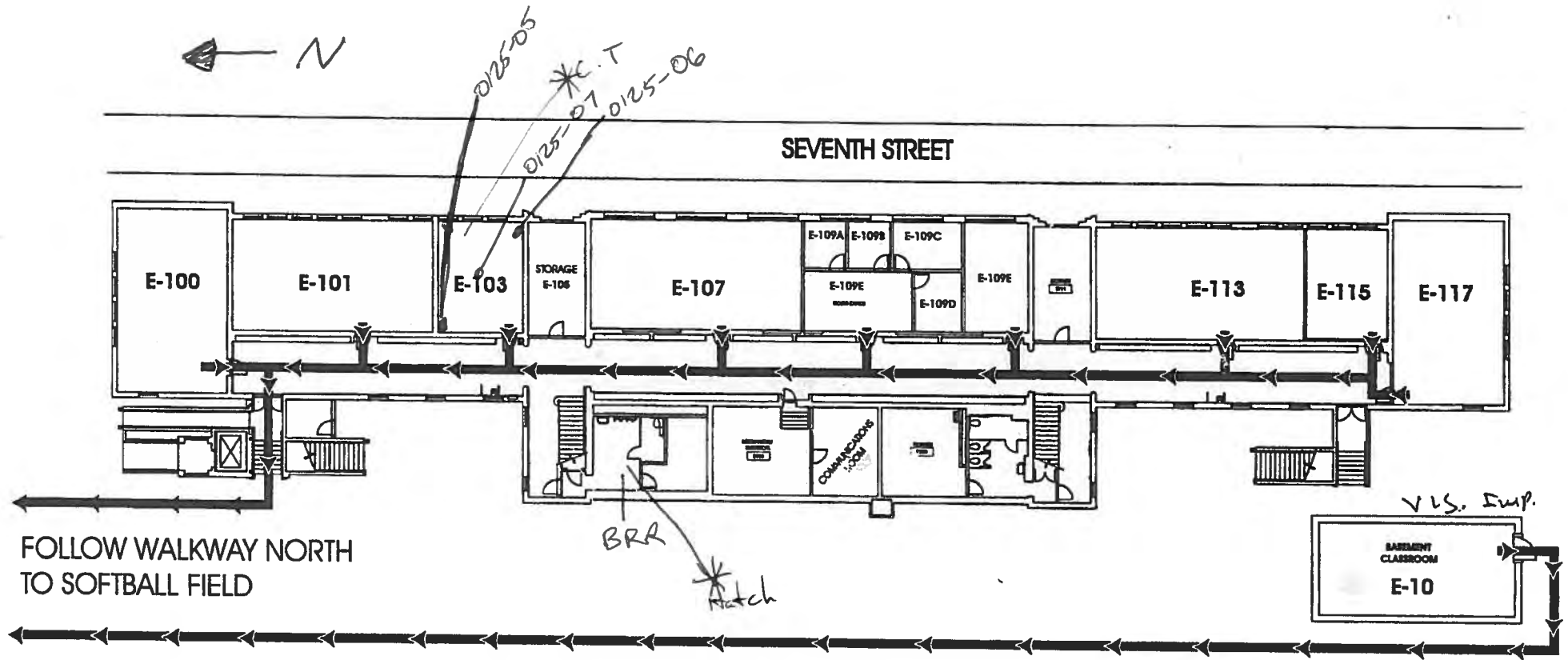
### Asbestos Field Bulk Sample List

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

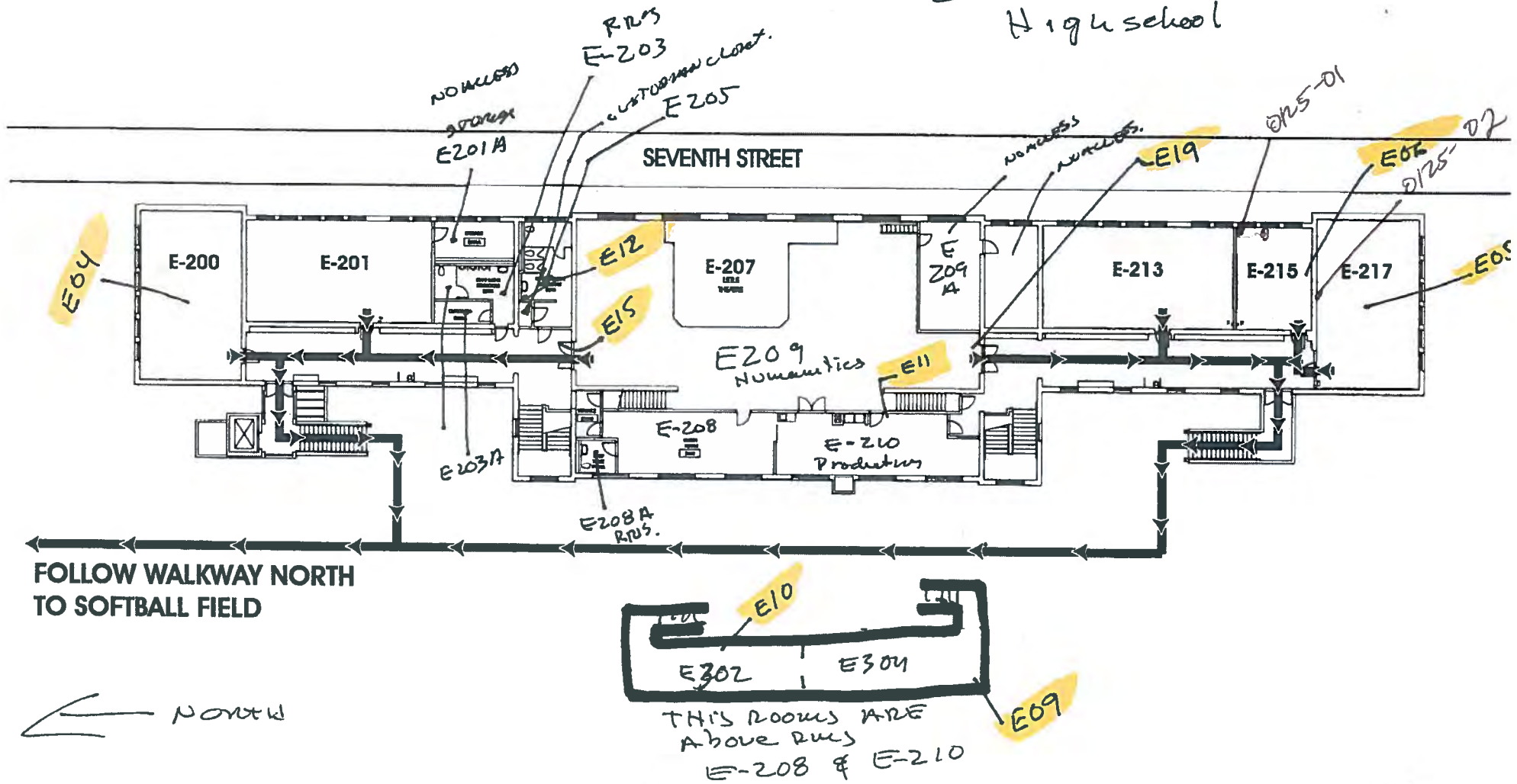
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Stucco	P.S. Neg	E21 - P E25	Exterior walls, walkway Ceilings	20000ft <sup>2</sup>	N	N
			0125-3	exterior N ctr				
			↓ 4	↓ W ctr	↓	↓		
		Dist Ceiling Panel fissured	0125-05	Rm 103 NW corner	Rm 103			
			-06	SE corner		9500ft <sup>2</sup>	Y	N
			-07	ctr				
		White colled on roof core	-08	roof ctr	Roof			
			-09	SW corner		10000ft <sup>2</sup>	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 <sup>2</sup>	N	N
			-12	S ctr				
			-13	ctr				
		White penetration mastic	-14	Roof SW pen	Roof penetration			
			-15	N ctr pen		4000ft <sup>2</sup>	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 \_\_\_\_\_

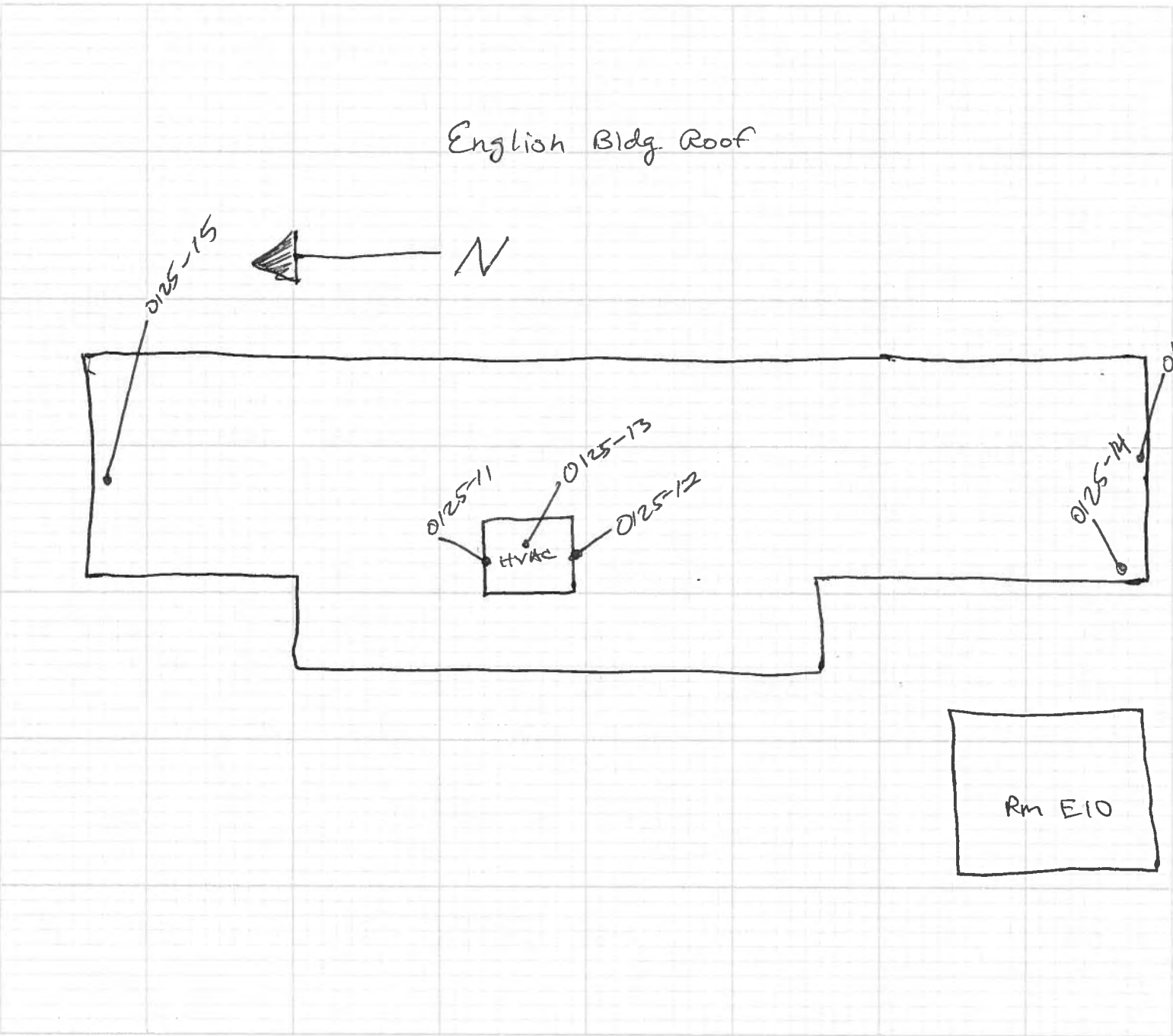
Project Name SHMOH

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 <sup>2</sup>	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 <sup>2</sup>	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	<del>Above drop down ceilings in all rooms and hallways</del> 1st and 2nd floor all classrooms, affizes, and hallways (1st floor hallway above drop ceiling), except Rfcs and Janitors closets	25000ft <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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

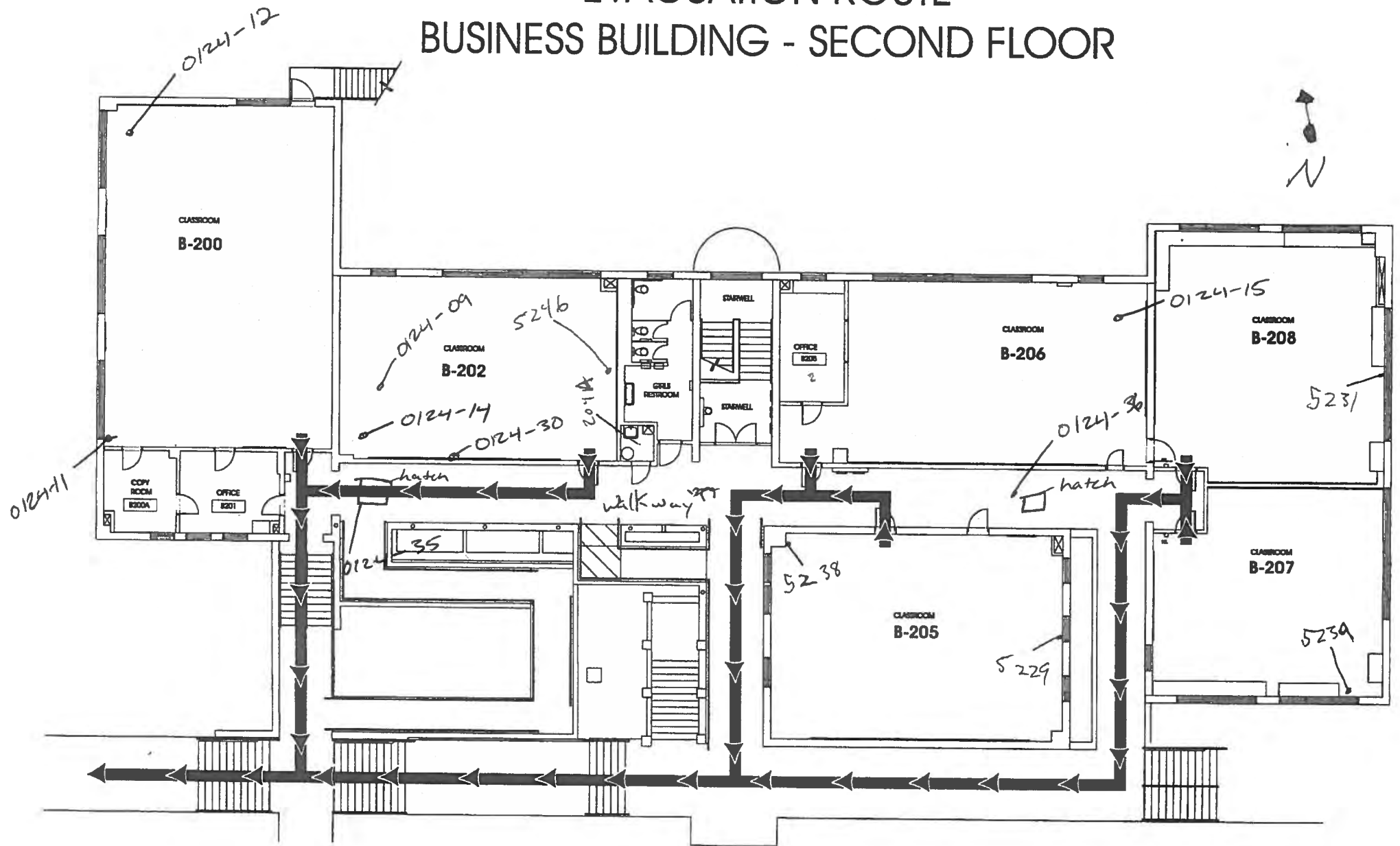
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Button Board	0124-28 -29 -30	1st floor hallway, ctr Rm 120, N ctr Rm 202, S ctr	Under all plaster walls, (interior walls)	25000ft <sup>2</sup>	N	N
					(Visible at) (FS)			
		TSI on pipe (above drop down ceiling)	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 <sup>2</sup>	Y	N
		Roofing debris	0124-34 -35 -36	Rm B122, at hatch <del>2nd floor hallway</del> at hatch <del>Rm 200</del>	above drop down ceiling in <del>B122</del> 2nd floor above ceiling. (FS) 2nd floor ceiling space throughout	11000 <del>12600</del> ft <sup>2</sup>	Y	Y
		Silver roof core	0124-37 -38 -39	Roof NW corner S, ctr W ctr	Roof	11000ft <sup>2</sup>	N	N
		Silver Penetration mastic	0124-40 -41 -42	Roof SE pen. NW pen ctr pen	Roof penetrations	200ft <sup>2</sup>	N	N





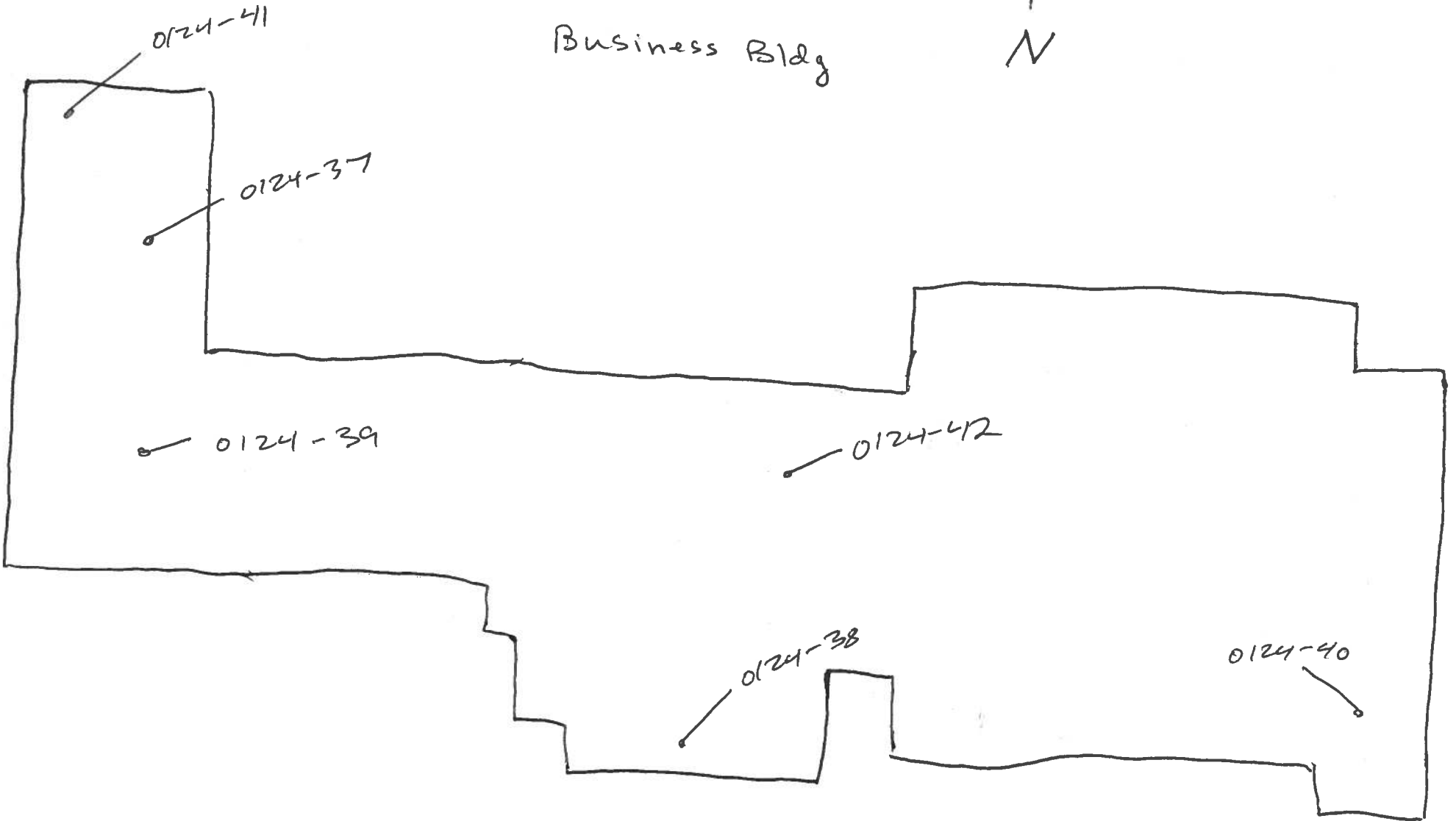


# EVACUATION ROUTE BUSINESS BUILDING - SECOND FLOOR



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: SANOH1 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 <sup>2</sup>	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 <sup>2</sup>	N	N
		Duct Sealant	-04	Roof HVAC	Interior throughout ceiling spaces,	3001ft <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	N	N
			0129-10	1st floor walkway, N ctr	men's & women's RR, closet 1 & 2, balcony			
			-11	lobby, NW corner				
*confirmation → <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 <sup>2</sup>	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 <sup>2</sup>	N	N
			-15	Roof 2, ctr				
			-16	Roof 5, ctr				
		White penetration mastic	-17	roof 1, N ctr pen	I	400ft <sup>2</sup>	N	N
			-18	roof 2 SW pen				
			-19	roof 4 ctr pen				



**ALTA**  
ENVIRONMENTAL

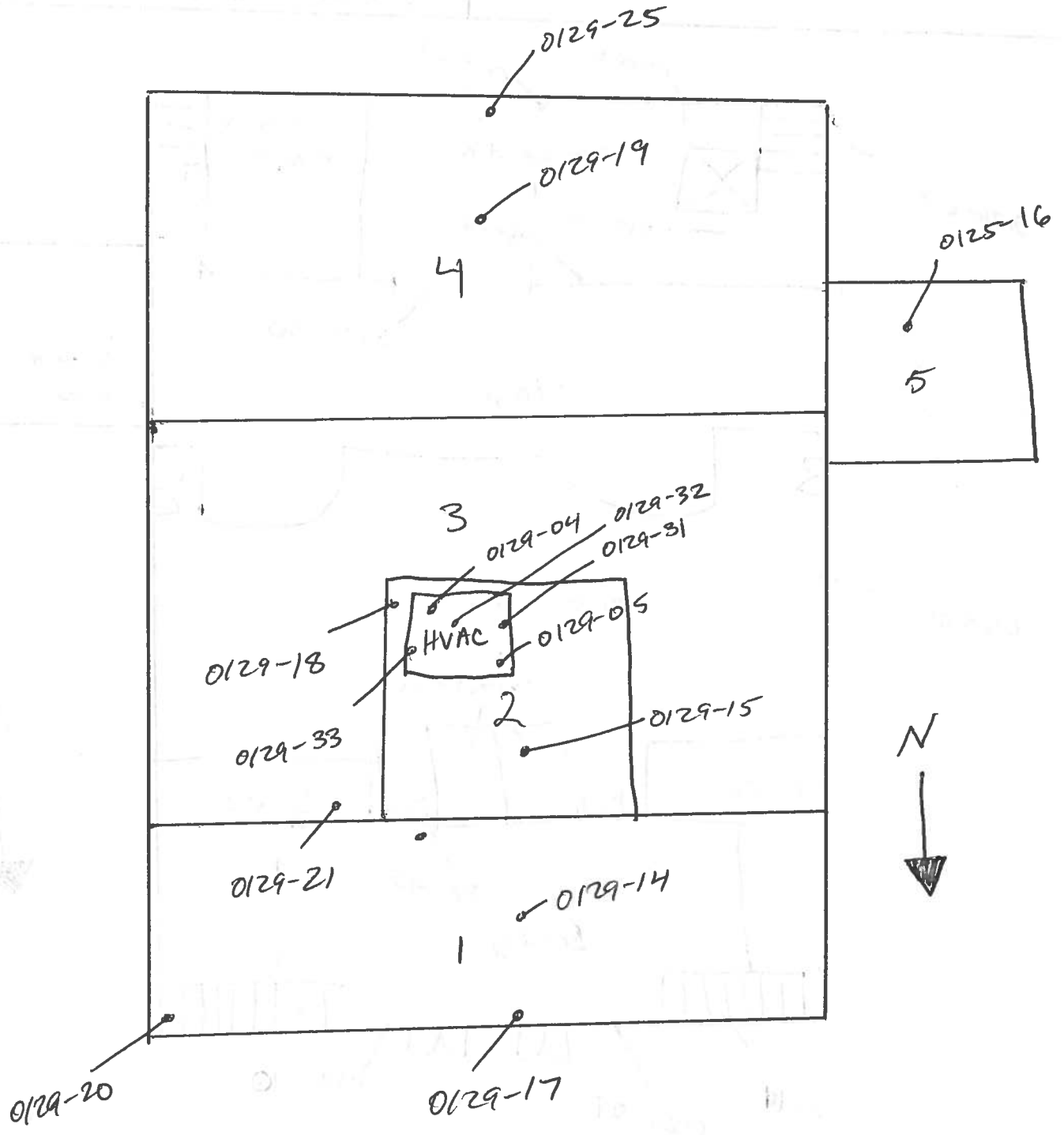
**Asbestos Field Bulk Sample List**

Client: SMMUSD  
 Project No.: SMSD-18-7472  
 Project Name: SAMOTH1 Barnum Hall

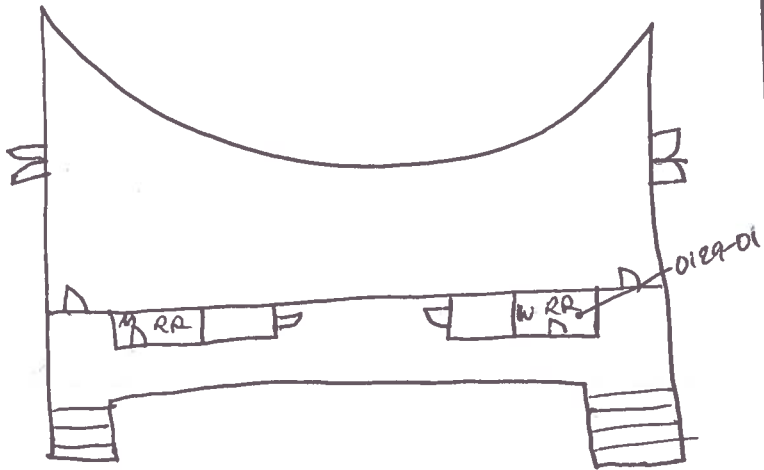
Technician: Jorge Robles  
 Date: 1/29/18  
 Page: 3 4

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 <sup>2</sup>	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 <sup>2</sup>	N	N
			-24	↓ ctr				
			-25	↓ SE corner				
		Light Grey Set+ Fireproofing	-26	Storage 1, N ctr	Storage area 1 ceiling & beams,	3400ft <sup>2</sup>	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				

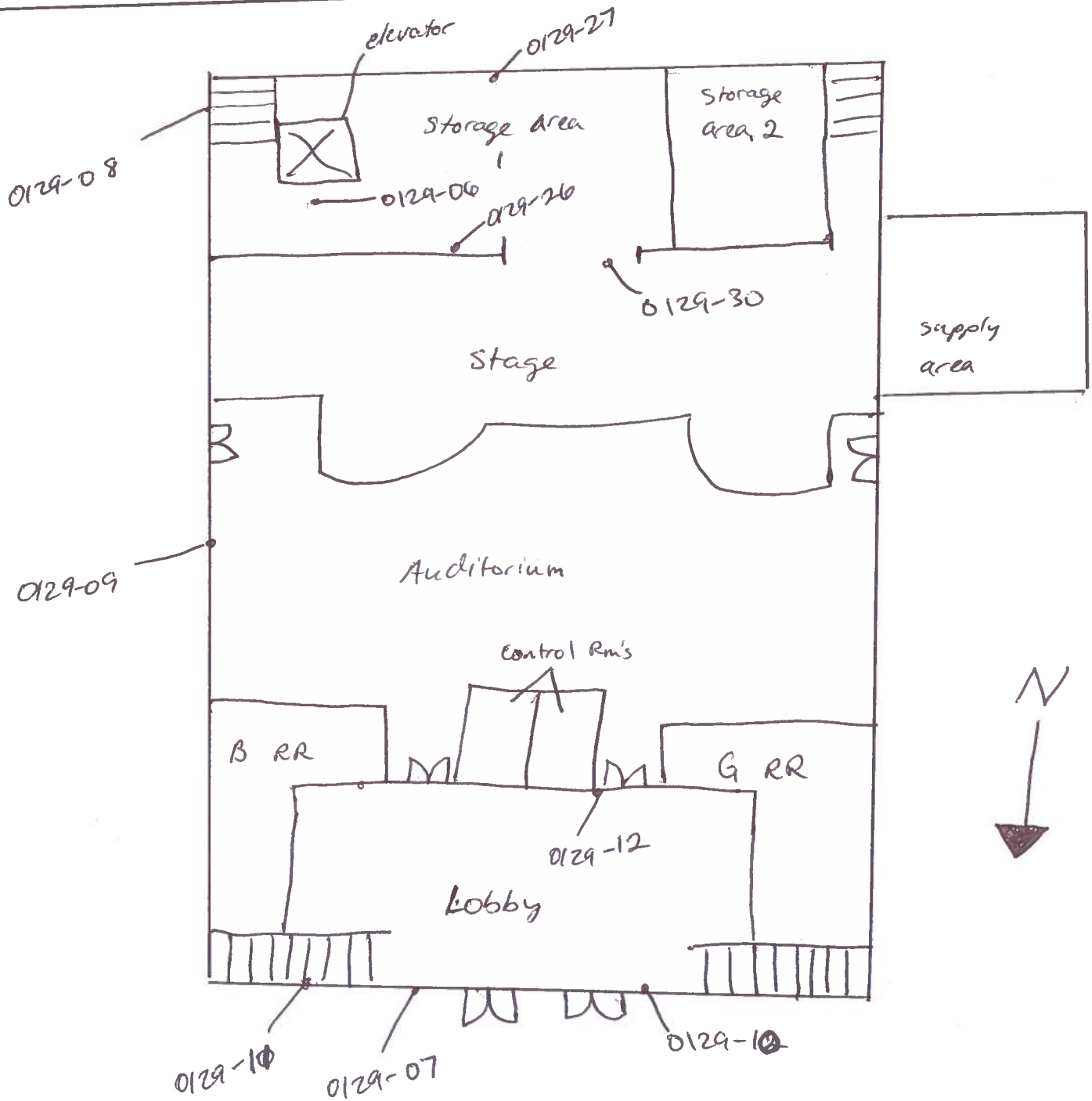
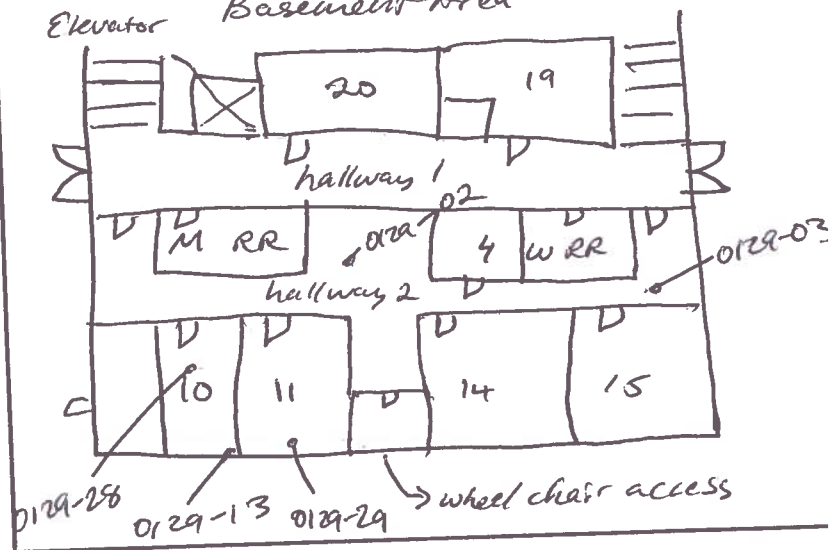




# Mezzanine Area



# 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,	10000 ft <sup>2</sup>		
		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 <sup>2</sup>	N	N
			-A4	I N ctr				
			P.S.	None Detected				
			5264					
		Button Board	P.S.	None Detected	under plaster Rms 107, 102, 105, 103,	6700 ft <sup>2</sup>	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 <sup>2</sup>	N	N
			-A8	I S ctr				
			-A9	I 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 <sup>2</sup>	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	(FR) 1000ft <sup>2</sup>	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**

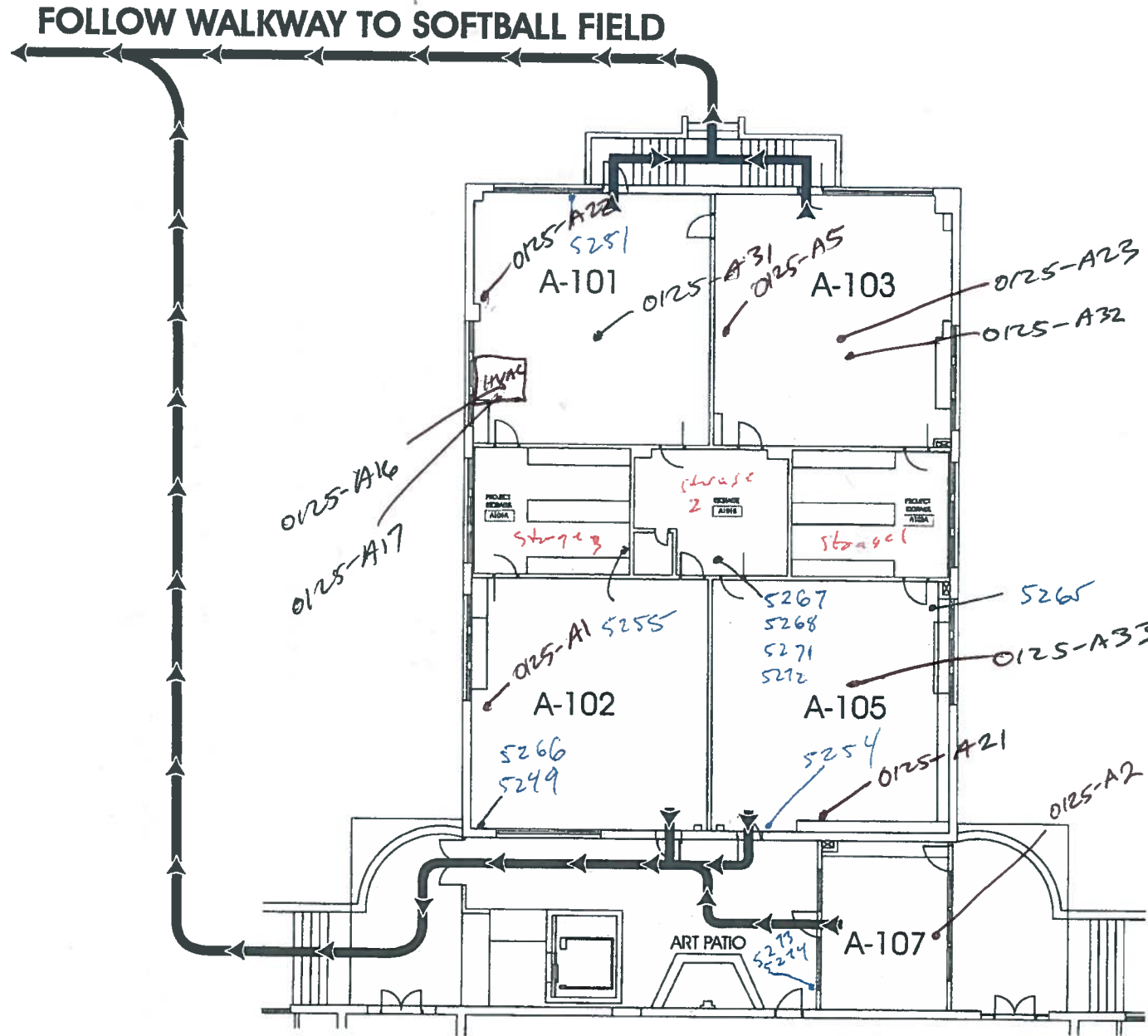
Client: SMMUSD  
 Project No.: SMSD-18-7472  
 Project Name: SPM001 Art Bldg

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 <sup>2</sup>	N	N
		silver penetration mastic	A28 A29 A30	roof pen. NW pen   N ctr pen   SE pen	roof penetrations	200ft <sup>2</sup>	N	N
		roofing debris	A31 A32 A33	ceiling space Rm 101 ctr   Rm 103 ctr   Rm 105 ctr	in ceiling spaces 2nd floor	4500ft <sup>2</sup>	Y	N
		sand plaster	P.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 <sup>2</sup>	N	N
		Joint compound	P.S. 5256-60	None Detected	Rm 012, 012A, 010A, 010B, dark Rm, 011, 013, 013A, 014, 014A	1500ft <sup>2</sup>	N	N



# EVACUATION ROUTE ART BUILDING - UPSTAIRS

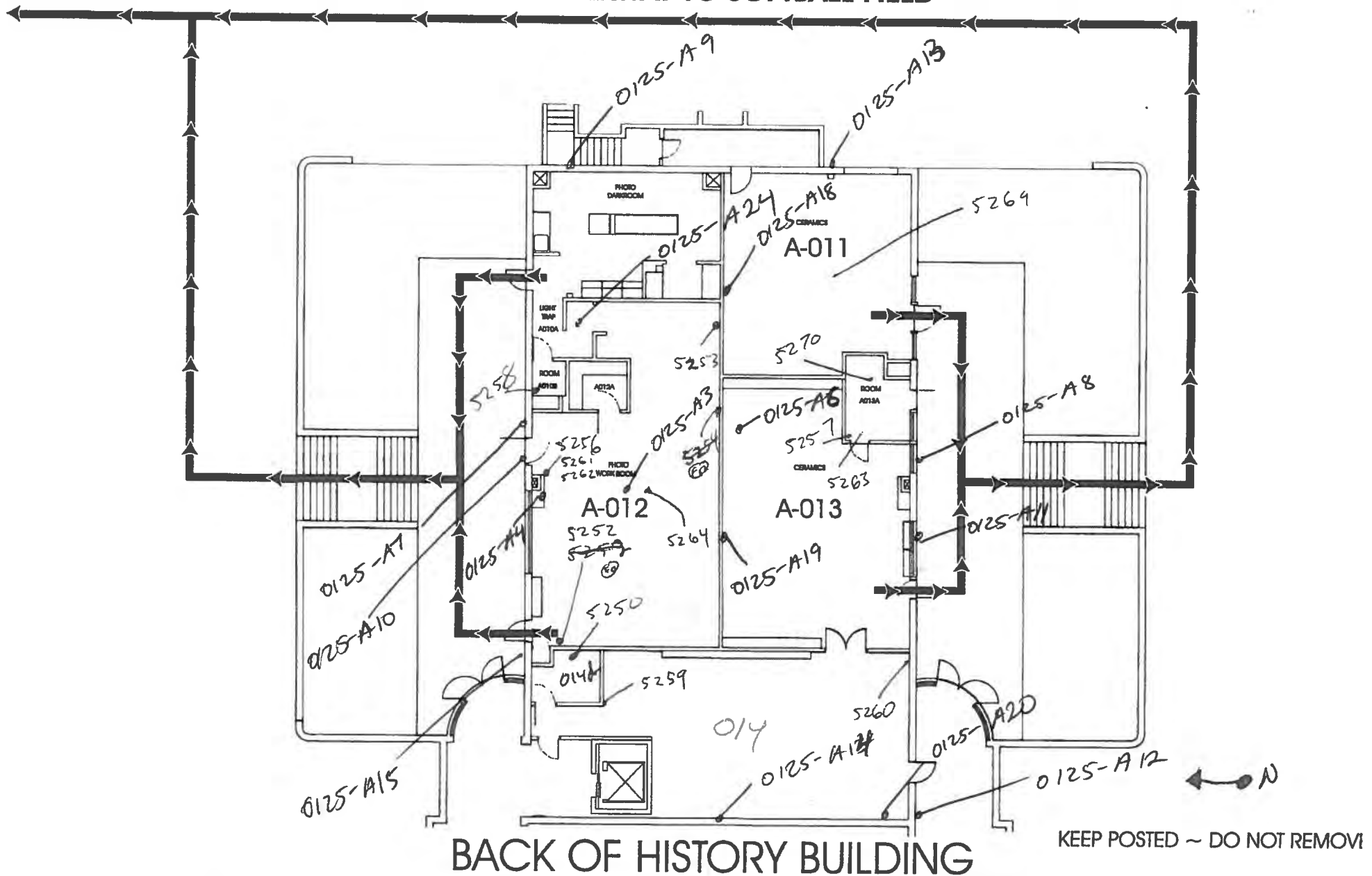


BACK OF HISTORY BUILDING

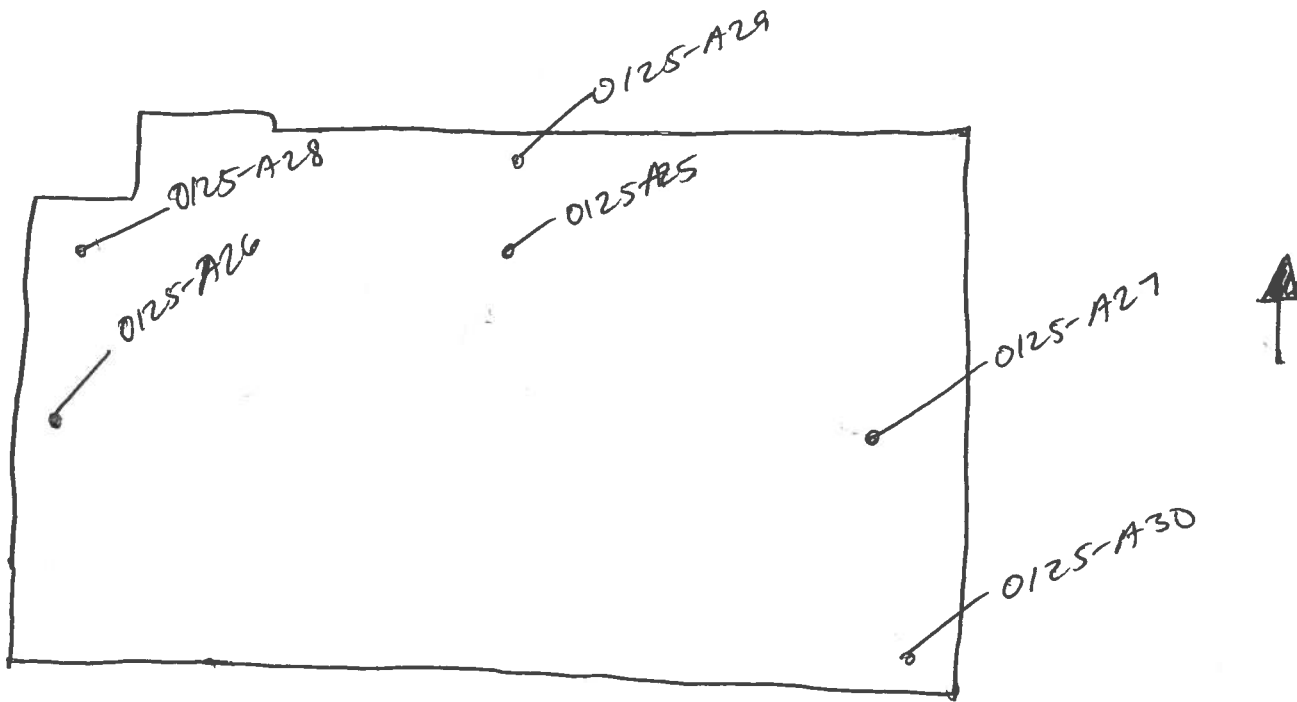
KEEP POSTED ~ DO NOT REMOVE

# EVACUATION ROUTE ART BUILDING - DOWNSTAIRS

**FOLLOW WALKWAY TO SOFTBALL FIELD**



ART Bldg Roof





**ALTA**  
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 <sup>2</sup>	N	N
		Button Board	P.S. 5224	N.O.	I	11000ft <sup>2</sup>	N	N
			0201-01	lobby 1, N ctr				
			-02	lobby 2, NE corner				
confirmation sample		<del>Drywall</del> (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 <sup>2</sup>	N	N
		Drywall (wall)	P.S. 5203	N.O.	I	950ft <sup>2</sup>	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 <sup>2</sup>	N	N
		Composite w/ <del>drywall and</del> 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 <del>8500ft<sup>2</sup></del>	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 <del>8500ft<sup>2</sup></del>	N	N
			0201-07	Rm 402, N ctr				
	→	Drywall ceiling	P.S. 5205-06	No D.		5500 <del>8500ft<sup>2</sup></del>	N	N
		Composite w/ joint compound	0201-08	Custodian Rm, ctr				



**ALTA**  
ENVIRONMENTAL

**Asbestos Field Bulk Sample List**

Client: SMMUSD  
 Project No.: SMSD-18-7472  
 Project Name: SAMOTH1 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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	Y	N
			-14	lobby 1 NW end	↓	↓	↓	↓
			-15	AD200, N ctr				
		Moisture paper (behind stucco)	-16	Exterior N ctr	Exterior	6500ft <sup>2</sup>	N	N
			-17	SW corner	↓	↓	↓	↓
			-18	S ctr				



**ALTA**  
ENVIRONMENTAL

**Asbestos Field Bulk Sample List**

Client: SMMUSO  
 Project No.: SMSO-18-7472  
 Project Name: SAMOH1 Admin Bldg

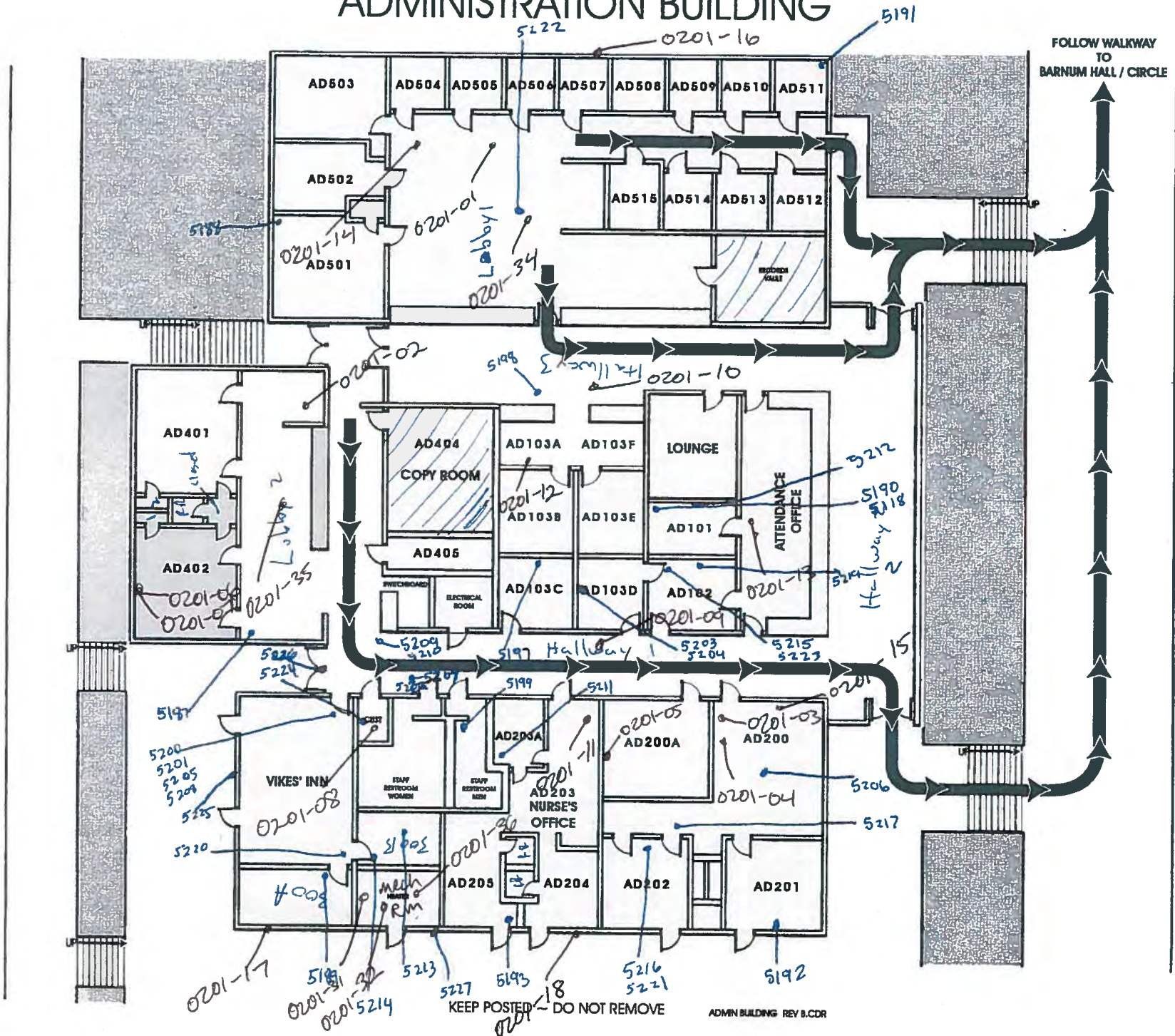
Technician: Jorge Robles  
 Date: 2/9/18  
 Page: 4 5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Stucco	Pos. 5227	N.D.	Exterior walls	6500ft <sup>2</sup>	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 <sup>2</sup>	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 tile							
		-							



# 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 Sampled** 01/31/2018

**Date Analyzed** 02/09/2018

**Sampled By** Jorge Robles

**Date Reported** 02/12/2018

**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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.8%	<b>Total %Asbestos:</b>	<b>0.17%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.3%	<b>Total %Asbestos:</b>	<b>0.67%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.1%	<b>Total %Asbestos:</b>	<b>0.87%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.1%	<b>Total %Asbestos:</b>	<b>0.89%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.0%	<b>Total %Asbestos:</b>	<b>1.04%</b>



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Alta Environmental  
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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  
**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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.1%	<b>Total %Asbestos:</b>	<b>0.90%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.1%	<b>Total %Asbestos:</b>	<b>0.89%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.1%	<b>Total %Asbestos:</b>	<b>0.89%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		98.9%	<b>Total %Asbestos:</b>	<b>1.13%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.1%	<b>Total %Asbestos:</b>	<b>0.94%</b>





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**Date Received** 02/09/2018

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**Date Analyzed** 02/09/2018

**Sampled By** Jorge Robles

**Date Reported** 02/12/2018

**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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		98.9%	<b>Total %Asbestos:</b>	<b>1.14%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		98.9%	<b>Total %Asbestos:</b>	<b>1.06%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		98.8%	<b>Total %Asbestos:</b>	<b>1.21%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.8%	<b>Total %Asbestos:</b>	<b>0.25%</b>
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.9%	<b>Total %Asbestos:</b>	<b>0.15%</b>



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**Project Number** SMSD-18-7472  
**Project Name** SAMOHI  
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**Sampled By** Jorge Robles  
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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	(%)
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		99.8%	<b>Total %Asbestos: 0.22%</b>	
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: &lt;0.1%</b>	
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: &lt;0.1%</b>	
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: &lt;0.1%</b>	
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						
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: &lt;0.1%</b>	



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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

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**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	(%)
1830202-021 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.

*Cristina Tabatt*  
**Analyst -** Cristina Tabatt

*Cristina Tabatt*  
**Approved Signatory** Cristina E. Tabatt







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**Project Number** SMSD-18-7472  
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**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	(%)
1830178-001 Gym-01	North/South Gym Drywall, Beige/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	10% <1 90%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
1830178-006 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-007 Gym-06B	North/South Gym Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-009 Gym-07B	North/South Gym Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
1830178-012 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-013 Gym-10B	North/South Gym Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-015 Gym-11B	North/South Gym Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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Project Name SAMOHI

Location Santa Monica

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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	(%)
1830178-017 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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-018 Gym-14	North/South Gym Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Vermiculite Organic Binders/Filler	15% 85%	None Detected	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-019 Gym-15	North/South Gym Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-020 Gym-16	North/South Gym Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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%
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
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%
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>



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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	(%)
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>



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**Project Number** SMSD-18-7472  
**Project Name** SAMOHI  
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**PO Number**  
**WO Number**

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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	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-031 Gym-28C	North/South Gym Gravel roof core-Gravel, Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-034 Gym-29C	North/South Gym Gravel roof core-Gravel, Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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### Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-037 Gym-30C	North/South Gym Gravel roof core-Gravel, Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-038 Gym-31	North/South Gym Patch mastic, Gray/ Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-039 Gym-32	North/South Gym Patch mastic, Gray/ Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-040 Gym-33	North/South Gym Patch mastic, Gray/ Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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### 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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### Test Report

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-050 Gym-40	North/South Gym Duct Sealant, White/ Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-051 Gym-41	North/South Gym Duct Sealant, White/ Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-052 Gym-42	North/South Gym Duct Sealant, White/ Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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### Test Report

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-054 0201-02	Administration Bldg Button Board, Pink/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	20% 80%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-056 0201-04	Administration Bldg Drywall (wall), Beige/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	<1% 100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-058 0201-06	Administration Bldg Joint compound (ceiling), White, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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### Test Report

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-062 0201-09B	Administration Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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1830178-064 0201-10B	Administration Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-066 0201-11B	Administration Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-068 0201-12B	Administration Bldg Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-072 0201-16	Administration Bldg Moisture paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-073 0201-17	Administration Bldg Moisture paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-074 0201-18	Administration Bldg Moisture paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-075 0201-19	Administration Bldg Stucco, Beige/ Gray, Non- homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
1830178-076 0201-20	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-077 0201-21	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 25% 30%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-078 0201-22	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 30% 30%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-079 0201-23	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 30% 30%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-080 0201-24	Administration Bldg Stucco, Beige/ Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 30% 30%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Test Report**

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-084 0201-25D	Administration Bldg Rolled on roof core- Insulation, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	(%)
1830178-087 0201-26C	Administration Bldg Rolled on roof core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-088 0201-26D	Administration Bldg Rolled on roof core- Insualtion, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-091 0201-27C	Administration Bldg Rolled on roof core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-092 0201-27D	Administration Bldg Rolled on roof core- Insulation, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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### Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-096 0201-31	Administration Bldg Vibration reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	30% 70%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-097 0201-32	Administration Bldg Vibration reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	30% 70%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-098 0201-33	Administration Bldg Vibration reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	30% 70%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Project Number** SMSD-18-7472  
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**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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-100 0201-35	Administration Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-101 0201-36	Administration Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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**Test Report**

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-106 0202-04B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-108 0202-05B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-109 0202-06A	Music Bldg 12" Random peghole ceiling tile, Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-110 0202-06B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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### Test Report

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-112 0202-07B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-114 0202-08B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-116 0202-09B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Test Report**

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	
<b>Asbestos Present</b> No			<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <b>No Asbestos Detected</b>	
1830178-118 0202-11	Music Bldg Drywall (wall), White, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	<1% <1 100%	None Detected	
<b>Asbestos Present</b> No			<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <b>No Asbestos Detected</b>	
1830178-119 0202-12	Music Bldg Drywall (wall), White, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	<1% <1 100%	None Detected	
<b>Asbestos Present</b> No			<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <b>No Asbestos Detected</b>	
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	
<b>Asbestos Present</b> No			<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <b>No Asbestos Detected</b>	
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	
<b>Asbestos Present</b> No			<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <b>No Asbestos Detected</b>	





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### Test Report

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Report Number** 1830178

**Date Received** 02/05/2018

**Date Analyzed** 02/09/2018

**Date Reported** 02/09/2018

**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	(%)
1830178-127 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-131 0202-24	Music Bldg Drywall mud ceiling, Beige, Homogeneous	LAYER 1 100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>



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### Test Report

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 15% Calcium Carbonate 70% Binder/Filler 15%	Chrysotile <1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <1%
1830178-133 0202-26	Music Bldg Drywall mud ceiling, Beige, Homogeneous	LAYER 1 100%	Mica 15% Calcium Carbonate 70% Binder/Filler 15%	Chrysotile <1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <1%
1830178-134 0202-27	Music Bldg Drywall mud ceiling, Beige, Homogeneous	LAYER 1 100%	Mica 15% Calcium Carbonate 70% Binder/Filler 15%	Chrysotile <1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <1%
1830178-135 0202-28	Music Bldg Drywall mud ceiling, Beige, Homogeneous	LAYER 1 100%	Mica 15% Calcium Carbonate 70% Binder/Filler 15%	Chrysotile <1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <1%
1830178-136 0202-29	Music Bldg Drywall composite ceiling, White/ Brown/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 10% Fibrous Glass <1% Calcium Carbonate 15% Gypsum/Binder/Filler 75%	Chrysotile <1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <1%
1830178-137 0202-30	Music Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber <1% Organic Binders/Filler 100%	None Detected
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> No Asbestos Detected





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### Test Report

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-139 0202-32	Music Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-140 0202-33	Music Bldg Duct Sealant, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	30% 70%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-141 0202-34	Music Bldg Duct Sealant, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	15% 85%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-142 0202-35	Music Bldg Duct Sealant, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	15% 85%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-145 0202-36C	Music Bldg Rolled on roof core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-155 0202-39	Music Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-156 0202-40	Music Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-157 0202-41	Music Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-158 0202-42	Music Bldg Window Putty, Beige/Cream, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-159 0202-43	Music Bldg Window Putty, Beige/Cream, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-160 0202-44	Music Bldg Window Putty, Beige/Cream, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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### 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-167 0202-51	Music Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	40% 60%	None Detected	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-168 0202-52	Music Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	40% 60%	None Detected	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-169 0202-53	Music Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	40% 60%	None Detected	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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**

**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	(%)
1830178-172 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-175 0202-59	Music Bldg Rough wall plaster, Beige, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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

**Report Number** 1830178

**Date Received** 02/05/2018

**Date Analyzed** 02/09/2018

**Date Reported** 02/09/2018

**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	(%)
1830178-177 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1830178-178 0202-62	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	40% 60%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1830178-179 0202-63	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	40% 60%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1830178-180 0202-64	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	40% 60%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1830178-181 0202-65	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	55% 45%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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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	(%)
1830178-182 0202-66	Music Bldg Acoustical plaster ceiling, Gray, Non-homogeneous	Non-LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-183 0202-67	Music Bldg Acoustical plaster ceiling, Gray, Non-homogeneous	Non-LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-184 0202-68	Music Bldg Acoustical plaster ceiling, Gray, Non-homogeneous	Non-LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	(%)
1830178-187 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830178-188 0202-72	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 35% 25%	Chrysotile	<1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
1830178-189 0202-73	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 35% 20%	Chrysotile	<1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
1830178-190 0202-74	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	Chrysotile	<1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
1830178-191 0202-75	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 35% 25%	Chrysotile	<1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>



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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 (%)
1830178-192 0202-76	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz 40% Calcium Carbonate 35% Binder/Filler 25%	Chrysotile <1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 100.0%		<b>Total %Asbestos:</b> <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	<b>Special Instructions:</b>		
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>

<b>PLM</b> 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"/>	<b>PCM</b> NIOSH 7400A <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> w/ TWA <input type="checkbox"/>	<b>MOLD</b> Spore Trap <input type="checkbox"/> Tape Lift <input type="checkbox"/> Bulk Sample <input type="checkbox"/>	<b>LEAD (Pb)</b> 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"/>
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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' smoothen 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					

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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:** SHAMOHI

(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	↓						
519	stucco						
-20	↓						
-21	↓						
-22	↓						
-23	↓						
-24	↓						
-25	gray rolled on roof cone						
-26	↓						
-27	↓						
-28	white penetration mastic						
-29	↓						
-30	↓						
-31	vibration reducer						

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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-18-7412

**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	↓			-----		

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Date/Time: 2/5/18 1630	Date/Time: 02/05/18, 1637



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<b>Company:</b>	Alta Environmental
<b>Project Number:</b>	SMSO-18-7472
<b>Project Name:</b>	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	↓						

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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:** 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						

Relinquished By: *[Signature]* Received By: *[Signature]*  
 Date/Time: 2/5/18 1630 Date/Time: 02/05/18, 1637





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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** 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				
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 99.4%		<b>Total %Asbestos:</b> 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				
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 99.5%		<b>Total %Asbestos:</b> 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				
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b> 99.4%		<b>Total %Asbestos:</b> 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-002 0129-01B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-003 0129-02A	Barnum Hall 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Mineral Wool Binder/Filler	85% 15%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-004 0129-02B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-005 0129-03	Barnum Hall Ceiling Tile Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-006 0129-04	Barnum Hall Duct Sealant, Gray/Yellow, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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  
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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	(%)
1830167-007 0129-05	Barnum Hall Duct Sealant, Gray/Yellow, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-008 0129-06	Barnum Hall Duct Sealant, Gray/Yellow, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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  
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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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-019 0129-14D	Barnum Hall Roof Core - Paper, Pink, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-027 0129-16D	Barnum Hall Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
1830167-029 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-031 0129-20	Barnum Hall Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	8% 92%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-032 0129-21	Barnum Hall Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-033 0129-22	Barnum Hall Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	8% 92%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-037 0129-24B	Barnum Hall Mastic, Brown, Non-homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-039 0129-25B	Barnum Hall Mastic, Brown, Homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-040 0129-26	Barnum Hall Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



**ENVIRONMENTAL  
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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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-042 0129-28	Barnum Hall Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-045 0129-31	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-046 0129-32	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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  
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**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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-050 0130-03	Language Bldg HVAC Joint Compound, Gray, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-051 0130-04	Language Bldg HVAC Joint Compound, Gray, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	(%)
1830167-053 0130-05B	Language Bldg Glue, Brown, Non-homogeneous	LAYER 1 100%	Fibrous Talc Adhesive Binders/Filler	5% 95%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-055 0130-06B	Language Bldg Mastic, Brown, Non-homogeneous	LAYER 1 100%	Fibrous Talc Adhesive Binders/Filler	5% 95%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-057 0130-07B	Language Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Fibrous Talc Adhesive Binders/Filler	5% 95%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Date Analyzed** 02/12/2018

**Date Reported** 02/12/2018

**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	(%)
1830167-059 0130-09	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	(%)
1830167-069 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-071 0130-21	Language Bldg Roof Mastic, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-072 0130-22	Language Bldg Roof Mastic, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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**Test Report**

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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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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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	

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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	

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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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**Test Report**

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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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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Long Beach CA 90807  
Attn.: Cesar Ruvalcaba

**Report Number** 1830167

**Date Received** 02/02/2018

**Date Analyzed** 02/12/2018

**Date Reported** 02/12/2018

**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	(%)
1830167-090 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-091 0130-H15	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-092 0130-H16	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-093 0130-H17	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	(%)
1830167-095 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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



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Report Number 1830167

Date Received 02/02/2018

Date Analyzed 02/12/2018

Date Reported 02/12/2018

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	(%)
1830167-106 0130-H28	History Bldg Button Board, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	25% 75%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		92.0%	<b>Total %Asbestos:</b>	<b>8.0%</b>
1830167-108 0130-H30	History Bldg TSI Pipe Insulation, White, Non-homogeneous	LAYER 1 100%	Binder/Filler	90%	Amosite Chrysotile	8% 2%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		90.0%	<b>Total %Asbestos:</b>	<b>10.0%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		92.0%	<b>Total %Asbestos:</b>	<b>8.0%</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	(%)
1830167-112 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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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**Project Number** SMSD-18-7472  
**Project Name** SAMOHI  
**Location** Santa Monica, CA  
**PO Number**  
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**Report Number** 1830167

**Date Received** 02/02/2018  
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**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	(%)
1830167-115 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-116 0130-H38	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Non-Fibrous Material	65% 35%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-119 0130-H41	History Bldg Vibration Reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
1830167-120 0130-H42	History Bldg Vibration Reducer, Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830167-121 0130-H43	History Bldg Vibration Reducer, Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>

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	<b>Special Instructions:</b>		
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 Flow Rate	Volume (L)
				Start Time	Stop Time		
0129-01	12" Fissured ceiling tile w/ mastic	Barnum Hall	1/29/18				
-02	I	I	I				
-03	ceiling tile mastic	I	I				
-04	Duct Sealant	I	I				
-05	I	I	I				
-06	I	I	I				
-07	stucco	I	I				
-08	I	I	I				
-09	I	I	I				
-10	Smooth Plastic Wall	I	I				

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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<b>Company:</b>	Alta Environmental
<b>Project Number:</b>	SMSD-18-742A
<b>Project Name:</b>	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	↓					

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



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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>



# CHAIN OF CUSTODY

1508 E. 33rd Street  
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services@AQenvlabs.com



<b>Company:</b>	Alta Environmental
<b>Project Number:</b>	SMSD-18-7472
<b>Project Name:</b>	SAMOHI

(Lab) Order No. <b>1830167</b>
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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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<b>Company:</b>	Alta Environmental
<b>Project Number:</b>	SMSD-18-7472
<b>Project Name:</b>	SAMOLTI

(Lab) Order No. 1830167
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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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<b>Company:</b>	Alta Environmental
<b>Project Number:</b>	SM30-18-7472
<b>Project Name:</b>	SAMOH1

(Lab) Order No. 1830167
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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.: Cesar Ruvalcaba

**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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
1830087-011 0124-11	Business Bldg Drywall, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	25% <1 75%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-013 0124-12B	Business Bldg Glue, Brown	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-015 0124-13B	Business Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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** 1830087

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**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	(%)
1830087-017 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-018 0124-16	Business Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-019 0124-17	Business Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-020 0124-18	Business Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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Date Analyzed 02/06/2018

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Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number

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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	(%)
1830087-022 0124-20	Business Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	30% 45% 25%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Project Number** SMSD-18-7472  
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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	(%)
1830087-027 0124-25	Business Bldg Moisture Paper (behind Stucco), Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-028 0124-26	Business Bldg Moisture Paper (behind Stucco), Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-029 0124-27	Business Bldg Moisture Paper (behind Stucco), Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	(%)
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
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		95.0%	<b>Total %Asbestos: 5.0%</b>	
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
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		95.0%	<b>Total %Asbestos: 5.0%</b>	
1830087-035 0124-33	Business Bldg TSI (above Drop Down Ceiling), White, Non-homogeneous	LAYER 1 100%	Binder/Filler	92%	Amosite Crocidolite	8% <1
<b>Asbestos Present</b> Yes		Total % Non-Asbestos:		92.0%	<b>Total %Asbestos: 8.0%</b>	
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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**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	(%)
1830087-038 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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-040 0124-37B	Business Bldg Roof Core - Paper, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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  
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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  
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### Test Report

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-046 0124-39C	Business Bldg Roof Core - Paper, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-051 0125-01B	English Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-053 0125-02B	English Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**PO Number**

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**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  
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### Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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  
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### Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		Total % Non-Asbestos:		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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### 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-068 0125-11	English Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	3% 97%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-069 0125-12	English Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	3% 97%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-070 0125-13	English Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	3% 97%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-071 0125-14	English Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	10% 90%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-072 0125-15	English Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	5% 95%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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### 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-074 0125-A1A	Art Bldg 12"x12" Random Pinhole Ceiling Tile, Lt. Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-075 0125-A1B	Art Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-076 0125-A2A	Art Bldg 12"x12" Random Pinhole Ceiling Tile, Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-077 0125-A2B	Art Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-080 0125-A5	Art Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	60% 40%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-081 0125-A6	Art Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	65% 35%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-082 0125-A7	Art Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
1830087-083 0125-A8	Art Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
1830087-084 0125-A9	Art Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>





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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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-089 0125-A14	Art Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Binder/Filler	35% 20% 45%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



**ENVIRONMENTAL  
LABORATORIES  
LLC**

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

**Report Number** 1830087

**Date Received** 01/30/2018

**Date Analyzed** 02/06/2018

**Date Reported** 02/06/2018

**Project Number** SMSD-18-7472

**Project Name** SAMOHI

**Location** Santa Monica, CA

**PO Number**

**WO Number**

**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	(%)
1830087-090 0125-A15	Art Bldg Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-093 0125-A18	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Binder/Filler	27% 70%	Chrysotile	3%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		97.0%	<b>Total %Asbestos:</b>	<b>3.0%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		97.0%	<b>Total %Asbestos:</b>	<b>3.0%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		98.0%	<b>Total %Asbestos:</b>	<b>2.0%</b>



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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** 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	(%)
1830087-096 0125-A21	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Binder/Filler	37% 60%	Chrysotile	3%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		97.0%	<b>Total %Asbestos:</b>	<b>3.0%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		98.0%	<b>Total %Asbestos:</b>	<b>2.0%</b>
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%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		98.0%	<b>Total %Asbestos:</b>	<b>2.0%</b>
1830087-099 0125-A24	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Binder/Filler	37% 60%	Chrysotile	3%
<b>Asbestos Present</b> Yes		<b>Total % Non-Asbestos:</b>		97.0%	<b>Total %Asbestos:</b>	<b>3.0%</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-101 0125-A25B	Art Bldg Roof Core - Paper, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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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** 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	(%)
1830087-102 0125-A26A	Art Bldg Roof Core - Capsheet, Silver/White/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-104 0125-A26C	Art Bldg Roof Core - Paper, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1830087-107 0125-A27B	Art Bldg Roof Core - Paper, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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** 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	(%)
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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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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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	(%)
1830087-112 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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>

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	
<b>Asbestos Present</b> No		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>

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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Signal Hill, CA 90755  
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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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<b>Company:</b>	Alta Environmental
<b>Project Number:</b>	SMSD-18-7472
<b>Project Name:</b>	SANOHI

(Lab) Order No.	1830087
-----------------	---------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
0124-11	Drywall	Business Bldg	1/24/18	-----		
-12	12"x12" random punch hole 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: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 1/29/18 1905	Date/Time: 1/30/18 08:00



# CHAIN OF CUSTODY

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**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

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**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>1/25/18 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:** 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: Joe Coe

Date/Time: 1/29/18 1905

Received By: Omme... [Signature]

Date/Time: 1/30/18 08:00







# 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***

<b>Component</b>	<b>Sample No.</b>	<b>Substrate</b>	<b>Paint Color</b>	<b>Sample Location</b>	<b>Material Location</b>	<b>Results (PPM)</b>	<b>Damage</b>	<b>Approx. Damage Qty.</b>
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***

<b>Component</b>	<b>Sample No.</b>	<b>Substrate</b>	<b>Paint Color</b>	<b>Sample Location</b>	<b>Material Location</b>	<b>Results (PPM)</b>	<b>Damage</b>	<b>Approx. Damage Qty.</b>
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***

<b>Component</b>	<b>Sample No.</b>	<b>Substrate</b>	<b>Paint Color</b>	<b>Sample Location</b>	<b>Material Location</b>	<b>Results (PPM)</b>	<b>Damage</b>	<b>Approx. Damage Qty.</b>
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. Winkler

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 <sup>nd</sup> floor - B206 S/W	Enter walls	Yes	500 sq ft
		Wall	PC-2	Drywall	White	2 <sup>nd</sup> floor - B206 - P/W	Enter walls Patchwork	N	—
		Ceiling	-3	Plaster	White	2 <sup>nd</sup> floor - WRR Ceiling center	Enter - all Rm above Ceiling tile; all RMs	Yes	100 sq ft
		Wall	-4	Stucco	White	Enter - 1 <sup>st</sup> floor - S/W	Enter closets, Storage Rm	N	—
		Wall	-5	Plaster	Blue	1 <sup>st</sup> floor - Hallway N/W	1 <sup>st</sup> floor hallway	N	N
		Ceiling Wall	-6	Concrete Block	White	Rm B109 - S/W	1 <sup>st</sup> 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 - Ch	Roof - eave vents	Yes	18 sq ft





**ALTA**  
ENVIRONMENTAL

**Paint Chip Sample List**

Client: Shenesis  
 Project No.: \_\_\_\_\_  
 Project Name: SANDHI - English Bldg

Technician: F. Favalco  
 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 BR	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 - Communications Room - ch	1st floor - Communications 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: SANOH I - Barium Hall

Technician: F. Pivalicci  
 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 Pladent	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	Projector 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: SAMOHP - Language Library Bldg

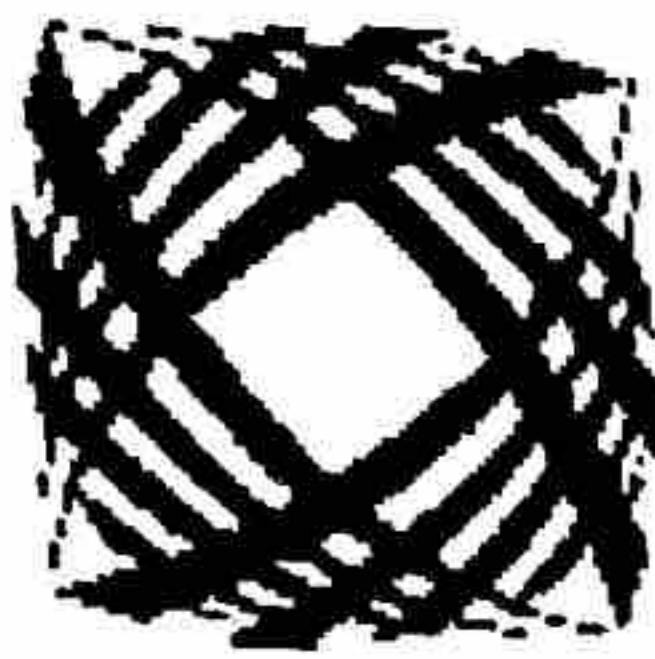
Page: 1 of 1

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	1st floor hallway - by R-2110	1st floor hallway	N	-
		Ceiling	51	Plaster	White	1st floor - R L1090	1st 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	J	J - N/ct	L109A	Yes	20 sq ft
		wall	55	Drywall	White	L112 - S/W	D.V. by walls 1st/2nd floor classrooms	N	-
		wall	56	Drywall	White	L102 - S/W	L102, L103, L100, L101, 1st floor hallway	N	-
							2nd floor 1300 - L203		
		wall	57	Drywall	Blue	2nd floor hallway S/W	1st/2nd floor hallway	N	-









**ALTA**  
ENVIRONMENTAL

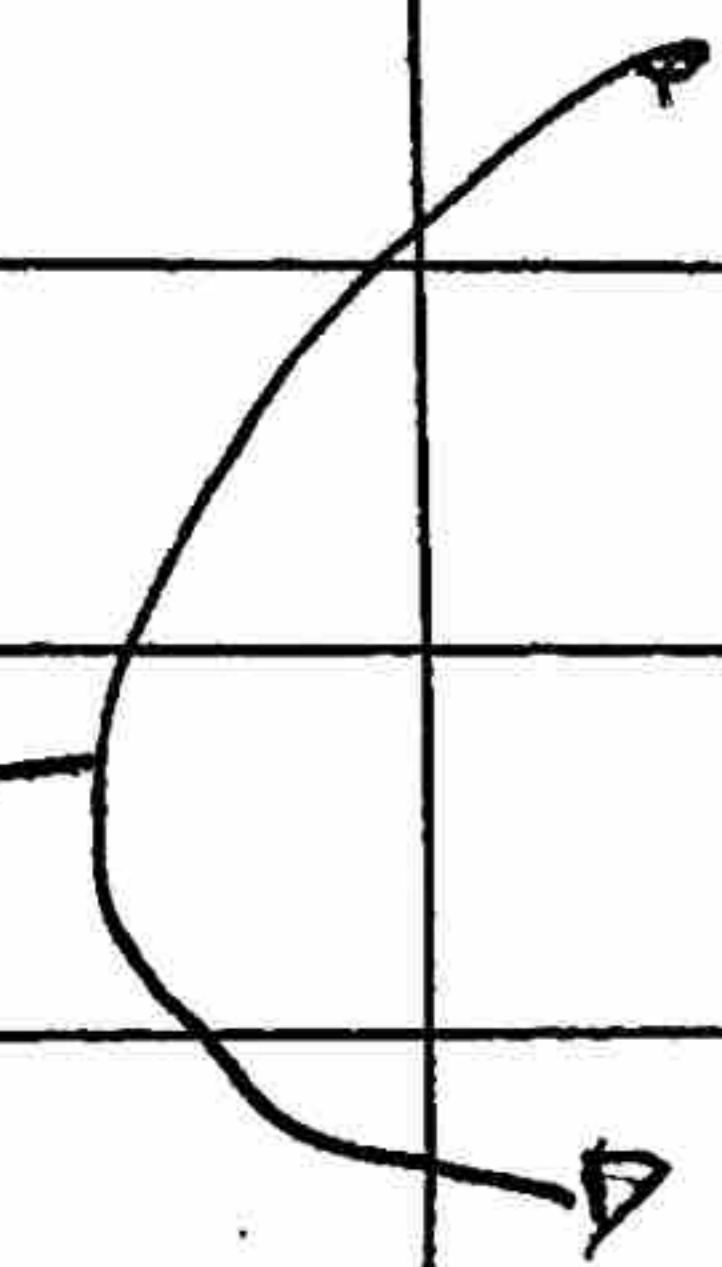
**Paint Chip Sample List**

Client: SAMUHO  
 Project No.: \_\_\_\_\_  
 Project Name: SAMUHO #2 - North/South Gym Bldg

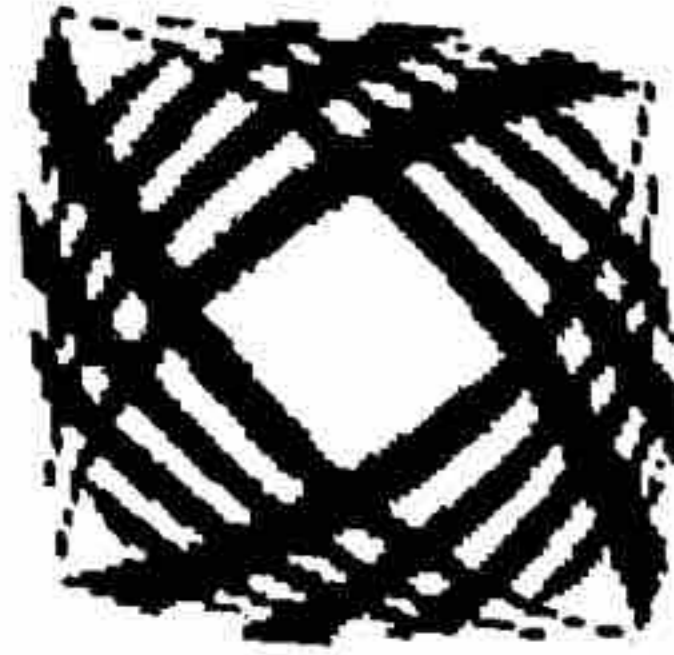
Technician: F. Ruckelshaus  
 Date: 1-30-18  
 Page: 1 of 1

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 <sup>nd</sup> 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 <sup>nd</sup> 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 <sup>st</sup> flr: office, stairs, RR's	N	-
		wall	75	Drywall	white	Electrical R. - S/E	Electrical Rm, 1 <sup>st</sup> floor RR's, office (Patch wall)	N	-
		wall	76	Brick <del>concrete</del> (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 <sup>st</sup> 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	-





**ALTA**  
ENVIRONMENTAL

**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 <sup>st</sup> / <sup>2</sup> <sup>nd</sup> 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 <sup>nd</sup> floor	N	—
		Wall	-84	Stucco	White	Exter-2 <sup>nd</sup> Level W/E	Exter walls	N	—
		Wall	85	Drywall	Blue	1 <sup>st</sup> floor hallway S/W	1 <sup>st</sup> / <sup>2</sup> <sup>nd</sup> 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	R-M102, M104, M103	N	—
		Wall	89	Drywall	white	M102-S/W	1 <sup>st</sup> 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





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

**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)
1830118-013 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



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

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)
1830118-031 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**

**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)
1830118-049 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	<i>Alta Ewoodl.</i>	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	<i>3772 Long Beach Road</i>	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	<i>Long Beach Ca</i>	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	<i>C. Pasolunh</i>	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		<b>Special Instructions:</b>		
Email		<i>Business Bldg, English Bldg, Arts Bldg, Baum Hall, History Bldg, Langue Arts, Adams Bldg, Music Bldg</i>		

PROJECT INFORMATION			
Project Name:	<i>SAMO HI</i>	PO Number:	<i>SM50-17-7472</i>
Project Number:	<i>SM50-17-7472</i>	Work Order No.:	
Location:		Sampled By:	<i>FR</i>

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	
<i>PC-1</i>	<i>wall plaster white</i>	<i>Business Bldg</i>	<i>1-24-17</i>			
<i>2</i>	<i>wall Drywall white</i>					
<i>3</i>	<i>Ceiling Plaster white</i>					
<i>4</i>	<i>wall Stucco white</i>					
<i>5</i>	<i>wall plaster blue</i>					
<i>6</i>	<i>Ceiling/wall concrete white</i>					
<i>7</i>	<i>Ceiling Metal Gray</i>					
<i>8</i>	<i>Roof Vent Metal white</i>					

Relinquished By: <i>[Signature]</i>	Received By: <i>C. Tebatt</i>
Date/Time: <i>1-31-18 2340</i>	Date/Time: <i>02/01/18, 8:00 am</i>
Relinquished By:	Received By:
Date/Time:	Date/Time:

# 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:** 0 SWSO-17-7472

**Project Name:** 0 SAMOIF

(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: <i>C. Tabatt</i>
Date/Time: 1-31-18 2340	Date/Time: 02/01/18, 8:00 am

Lab Forms  
Ver. 082411





# CHAIN OF CUSTODY

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Signal Hill, CA 90755  
562-206-2770 Tel  
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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					
<del>49</del>						
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  
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562-206-2773 Fax  
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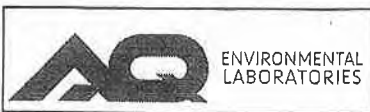
Company: Alt  
Project Number: SWCD-17-2472  
Project Name: Juvenile

(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					
<del>72</del>						
<del>73</del>						
<del>74</del>						
<del>75</del>						

Relinquished By: <u>[Signature]</u>	Received By: <u>ChT Batt</u>
Date/Time: <u>1-31-18</u> <u>2240</u>	Date/Time: <u>02/01/18</u> , <u>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: 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	W/Ceilg Limestone 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 16<sup>th</sup> 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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ASSUMPTIONS AND LIMITATIONS.....	7

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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 16<sup>th</sup> 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***

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>MATERIAL LOCATION</b>	<b>ASBESTOS CONTENT</b>
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***

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>MATERIAL LOCATION</b>	<b>ASBESTOS CONTENT</b>
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  
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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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

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**Santa Monica High School- Art Building**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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  
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**Santa Monica High School- Administration Building**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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  
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**Santa Monica High School- Administration Building**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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  
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**Santa Monica High School- Administration Building**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

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**Santa Monica High School- Administration Building**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

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**Santa Monica High School- Administration Building**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

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**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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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***

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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*

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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***

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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	Prevoiusly sampled	E217	7,500 sq. ft.	No	No
Soffit plaster ceiling	E201 to E203	5% Chrysotile	Prevoiusly 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	Prevoiusly 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	Prevoiusly 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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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***

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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***

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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  
**PROJECT NO:** 107-0008  
**PROJECT NAME:** Santa Monica High School

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**Santa Monica High School Language/Library Building**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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  
**PROJECT NO:** 107-0008  
**PROJECT NAME:** Santa Monica High School

**Santa Monica High School Language/Library Building**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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  
**PROJECT NO:** 107-0008  
**PROJECT NAME:** Santa Monica High School

***Santa Monica High School Language/Library Building***

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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  
**PROJECT NO:** 107-0008  
**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
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  
**PROJECT NO:** 107-0008  
**PROJECT NAME:** Santa Monica High School

**Santa Monica High School- Driver Training Building**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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

**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
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



**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
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

**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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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

**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
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



**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
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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**PROJECT NO:** 107-0008  
**PROJECT NAME:** Santa Monica High School

**Santa Monica High School- North Gymnasium Pool and South Gymnasium**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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

**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
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



**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
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

**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
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***

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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***

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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**

<b>MATERIAL</b>	<b>SAMPLE NUMBER</b>	<b>ASBESTOS CONTENT</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL LOCATION</b>	<b>APPROX. QTY.</b>	<b>FRIABLE</b>	<b>DAMAGE</b>
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***

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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.

<b>Client No. / HGA</b>	<b>Lab No.</b>	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
5254 <b>Location:</b> Sand Plaster	908021149-06	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Light Grey, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5255 <b>Location:</b> Sand Plaster	908021149-07	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Light Grey, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5256 <b>Location:</b> Jt. Comp.	908021149-08	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5257 <b>Location:</b> Jt. Comp.	908021149-09	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5258 <b>Location:</b> Jt. Comp.	908021149-10	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5259 <b>Location:</b> Jt. Comp.	908021149-11	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			

**PLM Bulk Asbestos Report**

107-0008; S.M. High Art Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5260 <b>Location:</b> Jt. Comp.	908021149-12	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5261 <b>Location:</b> Drywall	908021149-13	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 15 %, Non-fibrous 85 %			
5262 <b>Location:</b> Composite Drywall W/Comp.	908021149-14	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5263 <b>Location:</b> 12" X 12" Random Pinhole Ceiling Tile W/Glue	908021149-15L1	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Ceiling Texture			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 90 %, Non-fibrous 10 %			
5263 <b>Location:</b> 12" X 12" Random Pinhole Ceiling Tile W/Glue	908021149-15L2	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Brown, Homogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5264 <b>Location:</b> 2' X 4' Fissured Ceiling Panels	908021149-16	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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 <b>Location:</b> 12" X 12" B. Floor Tile W/Adhesive	908021149-17L1	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Dark Blue, Homogeneous, Non-Fibrous, Flooring <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5265 <b>Location:</b> 12" X 12" B. Floor Tile W/Adhesive	908021149-17L2	<b>No</b>	NAD <sup>1</sup> (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Cream, Homogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5266 <b>Location:</b> 4" Black Covebase W/Adhesive	908021149-18L1	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Black, Homogeneous, Non-Fibrous, Basecove <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5266 <b>Location:</b> 4" Black Covebase W/Adhesive	908021149-18L2	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Off-White, Homogeneous, Non-Fibrous, Glue <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5267 <b>Location:</b> Button Board	908021149-19	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 50 %, Non-fibrous 50 %			
5268 <b>Location:</b> Vibration Reducer	908021149-20	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Black/White, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Fibrous glass 60 %, Non-fibrous 40 %			

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 <b>Location:</b> Duct Wrapping	908021149-21	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Beige, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 95 %, Non-fibrous 5 %			
5270 <b>Location:</b> F. T.S.I	908021149-22	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Fibrous glass 80 %, Non-fibrous 20 %			
5271 <b>Location:</b> 4" Diameter Pipe T.S.I	908021149-23	<b>Yes</b>	20 % (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 10.0 %, Amosite 10.0 %			
<b>Other Material:</b> Cellulose 20 %, Non-fibrous 60 %			
5272 <b>Location:</b> 4" Diameter Pipe Elbow T.S.I	908021149-24	<b>Yes</b>	5 % (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 5.0 %			
<b>Other Material:</b> Cellulose 20 %, Fibrous glass 15 %, Non-fibrous 60 %			
5273 <b>Location:</b> Stucco	908021149-25	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White/Grey, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5274 <b>Location:</b> Window Putty	908021149-26	<b>Yes</b>	Trace (<1 %) (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b> Chrysotile <1. %			
<b>Other Material:</b> Non-fibrous 100 %			

Client Name: CTL Environmental Services

# PLM Bulk Asbestos Report

107-0008; S.M. High Art Bldg.

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## 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 - <del>Center</del> 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. Ruvaleanu

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
	Insulated 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 Containing Cement Panels Roofing	As-snd	Not Sample Material Intact	Rm 013A Living Furnace Hood	20 sq. ft.	N	N
	Machine Base Pipe	As-snd	Material Not Inspected	Roof	-	-	-
	Chalkboard Master	As-snd	Not Sample Material Intact	Exterior walls under Stucco	4800 sq. ft.	N	P
	Chalkboard Master	As-snd	↓	Rm 105, 103, 102, 101, 014	200 sq. ft.	N	N
	Chalkboard Master	As-snd	↓	↓	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:

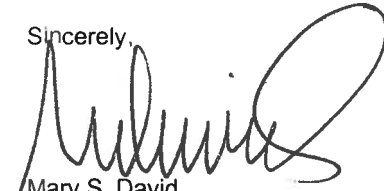
Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

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
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Drywall <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 8 %, Non-fibrous 92 %			
5202 Location: Drywall	908021145-13	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Drywall <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Drywall <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Drywall / Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Drywall / Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Beige, Heterogeneous, Fibrous, Ceiling Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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 Location: 12" X 12" Fissured Ceiling Tile W/Glue  Analyst Description: Off-White / Grey, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 8 %, Fibrous glass 31 %, Non-fibrous 61 %	908021145-18L1	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5207 Location: 12" X 12" Fissured Ceiling Tile W/Glue  Analyst Description: Beige, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021145-18L2	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5208 Location: 12" X 12" Random Pinhole Ceiling Tile W/Glue  Analyst Description: Brown/White, Heterogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 55 %, Non-fibrous 45 %	908021145-19L1	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5208 Location: 12" X 12" Random Pinhole Ceiling Tile W/Glue  Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021145-19L2	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5209 Location: 12" X 12" White Floor Tile W/Adhesive  Analyst Description: Off-White, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %	908021145-20L1	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5209 Location: 12" X 12" White Floor Tile W/Adhesive  Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Adhesive Asbestos Types: Other Material: Non-fibrous 100 %	908021145-20L2	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
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

**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
<b>Analyst Description:</b> Yellow, Heterogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Light Grey, Heterogeneous, Non-Fibrous, Leveling Compound <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> Chrysotile 2.0 % <b>Other Material:</b> 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
<b>Analyst Description:</b> Yellow, Heterogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Brown, Homogeneous, Non-Fibrous, Floor Tile <b>Asbestos Types:</b> Chrysotile 5.0 % <b>Other Material:</b> 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
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> Chrysotile 4.0 % <b>Other Material:</b> 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  Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021145-28L3	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5218 Location: Black Residual Flooring  Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Flooring Asbestos Types: Other Material: Non-fibrous 100 %	908021145-29	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5219 Location: 4" Black Cove Base W/Adhesive  Analyst Description: Grey, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %	908021145-30L1	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5219 Location: 4" Black Cove Base W/Adhesive  Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021145-30L2	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5219 Location: 4" Black Cove Base W/Adhesive  Analyst Description: Dark Brown, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021145-30L3	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5220 Location: 6" Black Cove Base W/Adhesive  Analyst Description: Black/Grey, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %	908021145-31L1	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
5220 Location: 6" Black Cove Base W/Adhesive  <b>Analyst Description:</b> Brown, Heterogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021145-31L2	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5221 Location: Grey Carpet Glue  <b>Analyst Description:</b> Yellow, Heterogeneous, Non-Fibrous, Glue <b>Asbestos Types:</b> <b>Other Material:</b> 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  <b>Analyst Description:</b> Black/Yellow, Heterogeneous, Non-Fibrous, Mastics <b>Asbestos Types:</b> Chrysotile 3.0 % <b>Other Material:</b> Non-fibrous 97 %	908021145-33	Yes	3 % (by CVES) by Arturo A. Aldana on 02/07/08
5223 Location: Brown Multi Colored Carpet Glue  <b>Analyst Description:</b> Yellow, Heterogeneous, Non-Fibrous, Glue <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021145-34	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5224 Location: Button Board  <b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Drywall <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 22 %, Non-fibrous 78 %	908021145-35	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
5225 Location: Exterior Patching Compound  <b>Analyst Description:</b> Grey, Heterogeneous, Fibrous, Sealant <b>Asbestos Types:</b> Chrysotile 7.0 % <b>Other Material:</b> 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 <b>Location:</b> Window Putty	908021145-37	<b>Yes</b>	2 % (by CVES) by Arturo A. Aldana on 02/07/08
<b>Analyst Description:</b> Grey, Heterogeneous, Non-Fibrous, Window Putty <b>Asbestos Types:</b> Chrysotile 2.0 % <b>Other Material:</b> Non-fibrous 98 %			
5227 <b>Location:</b> Stucco	908021145-38	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/07/08
<b>Analyst Description:</b> Off-White, Heterogeneous, Non-Fibrous, Cementitious, Stucco <b>Asbestos Types:</b> <b>Other Material:</b> 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: Arturo A. Aldana 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: <b>CTL</b>	ADDRESS:	P.O.#: <b>32145</b>								
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: <b>S.M. High Admin Bldg</b>	ASBESTOS TEM AHERA	AIR FILTER INFORMATION:								
JOB NUMBER: <b>127-0008</b>	ASBESTOS PLM BULK		MCE							
JOB MANAGER: <b>C. Kwan</b>	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	External Patching Compound						
26	Window Putty						
27	Stucco						

SAMPLED BY:	DATE/TIME: <b>1/31/08</b>	RECEIVED BY: _____	DATE/TIME: _____
RELINQUISHED BY:	DATE/TIME: <b>2/6/08</b>	RECEIVED BY: _____	DATE/TIME: _____
RELINQUISHED BY: _____	DATE/TIME: _____	RECEIVED IN LAB BY: <b>Sousundral a pylon @ 14:00</b>	DATE/TIME: _____

# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

Client: SJMUSD  
 Project No.: 107-008  
 Project Name: San Mateo High - Admin Bldg

Technician: F. Ruvalcaba  
 Date: 1/3/09  
 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, 201RL, 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				
			<del>Rm 204 - North West corner</del>				
	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. Pavalceba 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	Rm 203, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 102, 101, 103, 103, A, B, C, D, E, F, 405, 402, 401, 401 closet, 402, Viking, Kitchen Custodian Rm Electrical Rm Hallway (1, 2, 3)	2300 sq. ft.	Y	N
	12x12" Random Pinhole C.T. w/ Glue	5208	Vikes Inn NorthEast corner	Hallway 1 - 10' East of North West corner	1800 sq. ft.	Y	P
	12x12" White speckled Floor tile w/ Adhesive	5209	Hallway 1 - 10' East of North West corner	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	Rm 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.D. - 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:

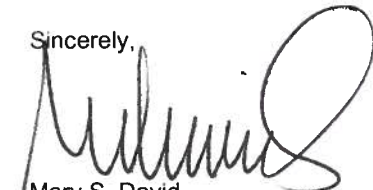
5228, 5229, 5230, 5231, 5232, 5233, 5234, 5235, 5236, 5237, 5238, 5239, 5240, 5241, 5242, 5243, 5244, 5245, 5246, 5247, 5248

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.

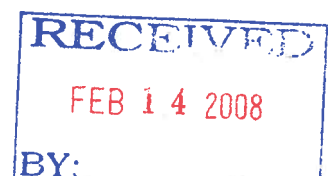
AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

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 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021143-01	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5229 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021143-02	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5230 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021143-03	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5231 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021143-04	No	NAD (by CVES) by Paola Ducoing on 02/07/08
5232 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021143-05	No	NAD (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
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
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5240 Location: Drywall	908021143-13	No	NAD (by CVES) by Paola Ducoing on 02/07/08
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Beige/Brown, Heterogeneous, Fibrous, Composite <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Blue, Homogeneous, Non-Fibrous, Floor Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Yellow, Heterogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Floor Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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

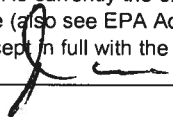
# PLM Bulk Asbestos Report

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: <b>CTL</b>		ADDRESS:					P.O.#: <b>32195</b>	
PROJECT INFORMATION		ANALYSIS TYPE		TURNAROUND TIME			AIR FILTER	
				RUSH	24 HR	48 HR	72 HR	5 DAY
JOB NAME: <b>Sherwood S.H. - High Business Bldg</b>		ASBESTOS TEM AHERA						MCE
JOB NUMBER: <b>107-0008</b>		ASBESTOS PLM BULK						PC
JOB MANAGER: <b>C. Ruvalcaba</b>		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	
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: <b>1/16/08</b>	RECEIVED BY: <i>[Signature]</i>	DATE/TIME: <b>1/16/08</b>
RELINQUISHED BY: <i>[Signature]</i>	DATE/TIME: <b>2/6/08</b>	RECEIVED BY: <i>[Signature]</i>	DATE/TIME: <b>2/16/08 01450</b>
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 <sup>st</sup> floor Rms: 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110A, 109, 110, 111, 120, 115, 122, 124, 126, 126A, <del>126B</del> Hallway, Men's Staff Rm, office 1	25000 sq. ft.	N	0
		5229	2 <sup>nd</sup> floor Rm 205 - East Wall Center				
		5230	1 <sup>st</sup> floor Rm 100 - Ceiling 7' Point of South East Corner	2 <sup>nd</sup> floor Rms: 200, 200A, 201, 202, 205, 209, 206, 207, 204A, office 2, Girls Rm, <del>126B</del>			
		5231	2 <sup>nd</sup> floor Rm - 208 - East Wall - Center	Note: Water Damage causing plaster to become brittle in various locations			
		5232	1 <sup>st</sup> floor Office 1 - North East Corner				
		5233	1 <sup>st</sup> floor Hallway - by Rm 102 - South Center				
		5234	1 <sup>st</sup> floor - Rm 115 - North East Corner				
	At. Lump	5235	1 <sup>st</sup> floor Rm 111A - North East Corner	Basement Rm 10; 1 <sup>st</sup> floor Rms: 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126, 126A, 126B	3000 sq. ft.	N	N
		5236	1 <sup>st</sup> floor Office 1 - South Wall Center	2 <sup>nd</sup> floor Rms: 200, 200A, 201, 202, 205, 209, 206, 207			
		5237	1 <sup>st</sup> 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. Ceiling	5238	2 <sup>nd</sup> floor - Rm 205 - North West Corner		3000 sq. ft	N	N
		5239	2 <sup>nd</sup> floor - Rm 207 3' West of South East corner				
	Dry wall	5240	1 <sup>st</sup> floor - Rm 100 - West Wall center				
	Composite	5241	1 <sup>st</sup> floor - Rm 100 - West Wall center				
	12" x 12" Blue Floor tile w/ Adhesive	5242	Basement - Rm 10 - South East corner	Basement Rm 10; 1 <sup>st</sup> floor: 100, 101, 101A, 101, 102, 102A, 106A, 110A, 109, 110, 111, 120, 115, 123, 121, 116, 125A, 2 <sup>nd</sup> floor: 200, 200A, 201, 202, 205, 208, 206, 207, 201A, 1 <sup>st</sup> floor hallway	20,000 sq. ft	N	N
	12" x 12" White Speckled Floor tile w/ Adhesive	5243	1 <sup>st</sup> floor hallway - by Rm 100 - West corner	1 <sup>st</sup> floor hallway	500 sq. ft	N	N
	4" Black Limestone w/ Adhesive	5244	1 <sup>st</sup> floor hallway - by Rm 102 - South wall - center	Basement Rm 10; 1 <sup>st</sup> floor: 100, 100A, 101, 101A, 103, 104, 102, 102A, 106A, 110, 111, 120, 115, 122, 124, 126, 12CA, 2 <sup>nd</sup> floor: 200, 200A, 201, 202, 205, 208, 206, 207, 204A; office 112; 1 <sup>st</sup> floor hallway	3000 sq. ft	N	N
	12" x 12" Random Porcelain wall tile w/ glue	5245	1 <sup>st</sup> floor - Rm 100 - 7' North of South East corner		20,000 sq. ft	Y	N
	2" x 4" Fissure & Caulking Panels	5246	2 <sup>nd</sup> floor - Rm 203 - 10' North of South East corner	2 <sup>nd</sup> 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. Ponzalca  
 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 - Ranjo 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		-	-	-
		Note: Fiberglass	pipe insulation observed	in ceiling spaces on 1 <sup>st</sup> and 2 <sup>nd</sup> floors	-	-	-
	Chalkboard Mastic	Assumed	Not Sampled Material Intact	Basement R-10; 1 <sup>st</sup> floor Rms: 100, 106, 110, 120, 111, 115	40 each	N	N
	Chalkboard Mastic	I	I	2 <sup>nd</sup> floor Rms: 200, 202, 205, 208, 206, 207		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:

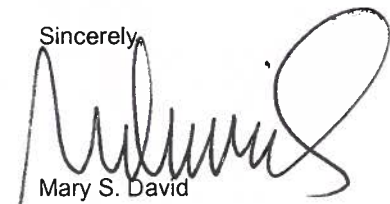
Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

5153, 5154, 5155, 5156, 5157, 5158, 5159, 5160, 5161, 5162, 5163, 5164, 5165, 5166, 5167, 5168, 5169, 5170, 5171, 5172, 5153, 5174, 5175, 5176, 5177, 5178, 5179, 5180, 5181, 5182, 5183, 5184

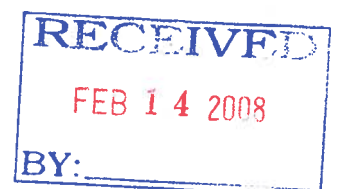
The 32 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers 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 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021147-01	<b>No</b>	<b>NAD</b> (by CVES) by Olga K. Katsuk on 02/07/08
5154 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021147-02	<b>No</b>	<b>NAD</b> (by CVES) by Olga K. Katsuk on 02/07/08
5155 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021147-03	<b>No</b>	<b>NAD</b> (by CVES) by Olga K. Katsuk on 02/07/08
5156 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021147-04	<b>No</b>	<b>NAD</b> (by CVES) by Olga K. Katsuk on 02/07/08
5157 <b>Location:</b> Sand Plaster  <b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	908021147-05	<b>No</b>	<b>NAD</b> (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
<b>Analyst Description:</b> White/Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
Other Material: Non-fibrous 100 %			
5159 Location: Smooth Plaster	908021147-07	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
Other Material: Non-fibrous 100 %			
5160 Location: Smooth Plaster	908021147-08	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White/Beige, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
Other Material: Non-fibrous 100 %			
5161 Location: Smooth Plaster	908021147-09	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
Other Material: Non-fibrous 100 %			
5162 Location: Smooth Plaster	908021147-10	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
Other Material: Non-fibrous 100 %			
5163 Location: St. L.	908021147-11	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
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
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5165 Location: St. L.	908021147-13	Yes	3 % (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> Blue, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile 3.0 % <b>Other Material:</b> Non-fibrous 97 %			
5166 Location: St. L.	908021147-14	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5167 Location: St. L.	908021147-15	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5168 Location: St. L.	908021147-16	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5169 Location: St. L.	908021147-17	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5171 Location: Composite Drywall w/Jt Comp.	908021147-19	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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
<b>Analyst Description:</b> Brown, Heterogeneous, Fibrous, Ceiling Texture			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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
<b>Analyst Description:</b> Dark Brown, Homogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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
<b>Analyst Description:</b> Blue, Homogeneous, Non-Fibrous, Flooring			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
5153 Location: 12"x12" Blue Floor Tile w/Ashesive	908021147-21L2	No	NAD <sup>1</sup> (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> Cream, Homogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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><b>Location:</b> 12"x12" Blue Floor Tile w/Ashesive w/Black Residual Mastic</p> <p><b>Analyst Description:</b> Blue, Homogeneous, Non-Fibrous, Flooring  <b>Asbestos Types:</b>  <b>Other Material:</b> Non-fibrous 100 %</p>			<p>(by CVES)                      by Olga K. Katsuk                      on 02/07/08</p>
5174	908021147-22L2	No	NAD <sup>1</sup>
<p><b>Location:</b> 12"x12" Blue Floor Tile w/Ashesive w/Black Residual Mastic</p> <p><b>Analyst Description:</b> Black, Homogeneous, Non-Fibrous, Mastic  <b>Asbestos Types:</b>  <b>Other Material:</b> Non-fibrous 100 %</p>			<p>(by CVES)                      by Olga K. Katsuk                      on 02/07/08</p>
5175	908021147-23L1	No	NAD
<p><b>Location:</b> 12"x12" Ocean Blue Floor Tile w/Adhesive</p> <p><b>Analyst Description:</b> Blue, Homogeneous, Non-Fibrous, Flooring  <b>Asbestos Types:</b>  <b>Other Material:</b> Non-fibrous 100 %</p>			<p>(by CVES)                      by Olga K. Katsuk                      on 02/07/08</p>
5175	908021147-23L2	No	NAD <sup>1</sup>
<p><b>Location:</b> 12"x12" Ocean Blue Floor Tile w/Adhesive</p> <p><b>Analyst Description:</b> Cream, Homogeneous, Non-Fibrous, Mastic  <b>Asbestos Types:</b>  <b>Other Material:</b> Non-fibrous 100 %</p>			<p>(by CVES)                      by Olga K. Katsuk                      on 02/07/08</p>
5176	908021147-24L1	No	NAD
<p><b>Location:</b> 12"x12" Yellow Floor Tile w/Adhesive w/Black Residual Mastic</p> <p><b>Analyst Description:</b> Yellow, Homogeneous, Non-Fibrous, Flooring  <b>Asbestos Types:</b>  <b>Other Material:</b> Non-fibrous 100 %</p>			<p>(by CVES)                      by Olga K. Katsuk                      on 02/07/08</p>
5176	908021147-24L2	No	NAD <sup>1</sup>
<p><b>Location:</b> 12"x12" Yellow Floor Tile w/Adhesive w/Black Residual Mastic</p> <p><b>Analyst Description:</b> Black, Homogeneous, Non-Fibrous, Mastic  <b>Asbestos Types:</b>  <b>Other Material:</b> 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
<b>Analyst Description:</b> Black, Homogeneous, Non-Fibrous, Basecove <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5180	908021147-28L2 Location: 6" Black Covebase w/Adhasive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> Off-White, Homogeneous, Non-Fibrous, Glue <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5181	908021147-29 Location: Duct Sealant	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5182	908021147-30 Location: Buttom Board	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 15 %, Non-fibrous 85 %			
5183	908021147-31 Location: Window Putty	Yes	Trace (<1 %) (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> Beige/Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> Chrysotile <1. % <b>Other Material:</b> Non-fibrous 100 %			
5184	908021147-32 Location: Stucco	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			

Client Name: CTL Environmental Services

# PLM Bulk Asbestos Report

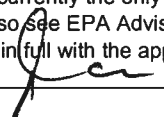
107-0008; S.M. High C.

### Reporting Notes:

(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible).

Analyzed By: Olga K. Katsuk ; 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:  - 2/7/08





# 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, <del>Storage 2</del> Storage 2, Prep Area, 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 <del>RR</del> Kitchen, Kitchen prep Area, RR, Above 12" ceiling tile in Mens Student Cafeteria, Serving Area, Snack bar, Staff Cafeteria	13,000 sq ft	N	N
		5164	Staff Womens RR - South West corner	Walls and Ceilings in Mens & Womens Staff RR			
		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	Mens RR - Ceiling, wood 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. Revulenko  
 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 (Podium), 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/ Black Residential Marble	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	Podium in Student Cafeteria; Serving Area Staff Cafeteria	3000 sq. ft	N	N
	Blue w/ Grey Flooring 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:

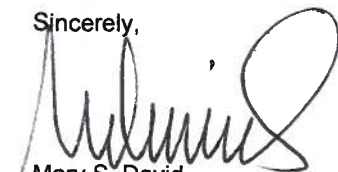
H01, H02, H03, H04, H05, H06, H07, H08, H09, H10, H11, H12, H13, H14, H15, H16, H17, H18, H20, H21, H22, H23, H24, H25, H26, H27, H28, H29, H30, H31, H24A, H32, H33, H34, H35, H36, H37, H38, H39

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.

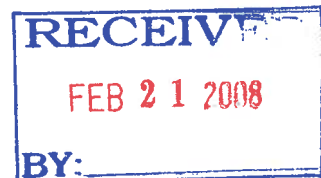
AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

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
<b>Analyst Description:</b> Purple, Homogeneous, Non-Fibrous, Cementitious, Floor Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Purple, Heterogeneous, Non-Fibrous, Cementitious, Floor Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Cementitious, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Purple, Homogeneous, Non-Fibrous, Cementitious, Floor Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Beige/Grey, Homogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Purple, Homogeneous, Non-Fibrous, Cementitious, Floor Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Light Blue, Homogeneous, Non-Fibrous, Cementitious, Floor Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Grey/Yellow, Homogeneous, Non-Fibrous, Underlayment <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
H05	908021161-05 Location: 12" Peghole C.T. Mastic	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Brown, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
H06 2	908021161-06 Location: Window Putty	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Grey/Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Grey, Heterogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile <1. % <b>Other Material:</b> 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
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile <1. % <b>Other Material:</b> Cellulose 2 %, Non-fibrous 98 %			
H09 Location: Hot Bricks	908021161-09	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Off-White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
H10 Location: Drywall	908021161-10	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> White, Homogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
H12 3 Location: Drywall Jt. Compound	908021161-12	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Carbonates 100 %			
H14 3 Location: Drywall Jt. Compound	908021161-14	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> White/Beige, Homogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
H15 3 Location: Drywall Jt. Compound	908021161-15	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> White/Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Carbonates 100 %			
H16 4 Location: S. Rough Plaster Ceiling	908021161-16	Yes	3 % (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Yellow/Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> Chrysotile 3.0 % <b>Other Material:</b> Non-fibrous 97 %			
H17 4 Location: S. Rough Plaster Ceiling	908021161-17		NA/PS
<b>Analyst Description:</b> Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b>			
H18 4 Location: S. Rough Plaster Ceiling	908021161-18		NA/PS
<b>Analyst Description:</b> Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b>			

# 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
<b>Analyst Description:</b> Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b>			
H21 4 Location: S. Rough Plaster Ceiling	908021161-20		NA/PS
<b>Analyst Description:</b> Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b>			
H22 4 Location: S. Rough Plaster Ceiling	908021161-21		NA/PS
<b>Analyst Description:</b> Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b>			
H23 Location: 2'x4' Fiss. C.P.	908021161-22	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Beige, Homogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Black, Heterogeneous, Fibrous, Basecove <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
H24 Location: 4" Blue Covebase & Glue	908021161-23L2	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Off-White, Homogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Carbonates 100 %			
H26 5 Location: Drywall Jt. Compound	908021161-25	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Off-White, Homogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White/Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
H28 Location: 2'x4' Fiss. C.P.	908021161-27	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Beige/White, Homogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Cementitious, Floor Tile <b>Asbestos Types:</b> <b>Other Material:</b> Calcite 100 %			
H29 Location: 12" White Floor Tile	908021161-28L2	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Beige/Grey, Homogeneous, Non-Fibrous, Underlayment <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Beige/White, Homogeneous, Fibrous, Ceiling Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Tan/Yellow, Homogeneous, Non-Fibrous, Glue <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
H24A Location: Drywall	908021161-31	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> White, Homogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Fibrous glass 4 %, Gypsum 96 %			
H32 Location: G. Ceiling Material	908021161-32L1	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Light Grey, Homogeneous, Non-Fibrous, Ceiling Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
H32 Location: G. Ceiling Material	908021161-32L2	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Cream/Beige, Homogeneous, Non-Fibrous, Glue <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
H34 6 Location: Stucco	908021161-34	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
H35 6 Location: Stucco	908021161-35	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
H36 6 Location: Stucco	908021161-36	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Grey/Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
H37 6 Location: Stucco	908021161-37	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 2 %, Non-fibrous 98 %			
H38 6 Location: Stucco	908021161-38	No	NAD (by CVES) by John A. Lopez on 02/09/08
<b>Analyst Description:</b> Grey/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			

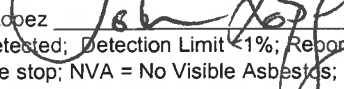
Client Name: CTL Environmental Services

# 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

**AMERISCI LOS ANGELES**  
CHAIN OF CUSTODY RECORD

24416 S Main St, # 308, Carson, CA 90745  
Phone (310)834-4868 Fax (310)834-4772

www.amerisci.com

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	RECEIVED BY: (PRINT)
H02					1				(SIGN)
H03					1				(SIGN)
H04					1				(SIGN)
H05					1				(SIGN)
H06					1				(SIGN)
H07					1				(SIGN)
H08					1				(SIGN)
H09					1				(SIGN)
H10					1				(SIGN)

DATE	TIME	SIGNED
4/20/07		Victor Sanchez
4/20/07		Greg Revolcoak
4/20/07		Greg Revolcoak
4/20/07		Victor Sanchez

DATE	TIME	SIGNED
4/20/07		Victor Sanchez
4/20/07		Greg Revolcoak
4/20/07		Victor Sanchez

DATE	TIME	SIGNED
4/20/07		Victor Sanchez
4/20/07		Greg Revolcoak
4/20/07		Victor Sanchez

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4/20/07		Greg Revolcoak
4/20/07		Victor Sanchez

DATE	TIME	SIGNED
4/20/07		Victor Sanchez
4/20/07		Greg Revolcoak
4/20/07		Victor Sanchez

Notes: 1 12" gray floor tile - 1 sample  
2 12" blue floor tile - 2 samples  
3 12" purple C.T. - 1 sample  
4 Window Pantry  
5 Hot bricks  
6 Drywall

AMERISCI CONTACT: Greg Revolcoak  
PROJECT NAME: Summit St. Home High - History  
PROJECT NUMBER: 107-0008  
PROJECT STATE: CA  
MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES  
CONTAINER: P-PLASTIC G-GLASS V-VOA  
C-CASSETTES W-WASTE O-OTHER









**AMERISCI**  
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**CHAIN OF CUSTODY RECORD**

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AMERISCI JOB NO: **908021161-**

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)	Victor Sanchez	DATE:	4/4/07	RECEIVED BY: (PRINT)	
(SIGN)		TIME:		(SIGN)	
RELINQUISHED BY: (PRINT)	Victor Sanchez	DATE:	2/8/08	RECEIVED BY: (PRINT)	
(SIGN)		TIME:		(SIGN)	
RELINQUISHED BY: (PRINT)		DATE:		RECEIVED FOR LABORATORY BY:	K. Arellano
(SIGN)		TIME:		(SIGN)	

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 for 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	19000 59. FT	N	N
NAD	Plaster ceilings	H301 H302 H303			19000 59. FT	N	N
	12" gypsum spackled for 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 for 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 & CLASSROOMS 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.: 107-0068 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	3900 sq. ft	✓	✓
	Plaster walls	H101 H111	✓	H122, H023, H022, H020, H201, H202, H203 H204, H205, H206, H207, H208, H209	3900 sq. ft	✓	✓
	drywall	H107		H212, H213, H214, H215, H216, H217, H218 H125	✓	✓	✓
	drywall	H24A	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	basement hallway CTR.	basement hallway	750 59.95	0	0
	12" random plyblk ceiling like gln	H31	1st flr. S/E stairwell	basement 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 <b>Location:</b> Gypsum Joint Compound	908021165-05	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
3483 1 <b>Location:</b> Gypsum Joint Compound	908021165-06	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
3484 <b>Location:</b> 2x2 Smooth Pinhole Ceiling Panel	908021165-07	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 25 %, Fibrous glass 20 %, Non-fibrous 55 %			
3485 <b>Location:</b> 2x4 Fiss. Sq. C.P.	908021165-08	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 30 %, Fibrous glass 20 %, Non-fibrous 50 %			
3486 <b>Location:</b> Lt. Blue Floor Sheeting	908021165-09L1	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Blue, Heterogeneous, Fibrous, Flooring <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 20 %, Non-fibrous 80 %			
3486 <b>Location:</b> Lt. Blue Floor Sheeting	908021165-09L2	<b>No</b>	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Flooring <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 % <b>Comment:</b> No Mastic found			
3488 Location: 12" White Floor Tile	908021165-11	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Flooring <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 % <b>Comment:</b> No Mastic found			
3489 2 Location: Fireproofing	908021165-12	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 80 %, Non-fibrous 20 %			
3490 2 Location: Fireproofing	908021165-13	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 80 %, Non-fibrous 20 %			
3491 2 Location: Fireproofing	908021165-14	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 80 %, Non-fibrous 20 %			

Client Name: CTL Environmental Services

# PLM Bulk Asbestos Report

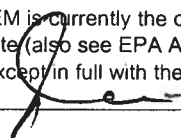
107-0008; SMMUSD; St. Monica High / Tech. Bldg

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
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 85 %, Non-fibrous 15 %			
3493 2 Location: Fireproofing	908021165-16	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 85 %, Non-fibrous 15 %			
3494 Location: Octogan Lab Counter	908021165-17	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Blue, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
3495 Location: Rectangular Lab Counter	908021165-18	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Blue, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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





24416 S Main St. # 308, Carson, CA 90745  
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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.#

COMPANY: *Page to page*

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX 1: \_\_\_\_\_ FAX 2: \_\_\_\_\_

CLIENT CONTACT: \_\_\_\_\_ EMAIL: \_\_\_\_\_

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

C-CASSETTES W-WASTE O-OTHER

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									pin pricks
	3490									
	3491									
	3492									
	3493									
	3494									Octogan Lab Counter
	3495									Rectangular Lab Counter

GRAB (G) OR COMPOSITE (C) *PLM*

SAMPLED BY: (PRINT) *Dr. Cfr Sanchez* DATE: *4/20/07* RECEIVED BY: (PRINT) \_\_\_\_\_ DATE: \_\_\_\_\_

(SIGN) \_\_\_\_\_ (SIGN)

RELINQUISHED BY: (PRINT) *Jose R. Buelcar* DATE: *2/8/07* RECEIVED BY: (PRINT) \_\_\_\_\_ DATE: \_\_\_\_\_

(SIGN) *[Signature]* (SIGN)

RELINQUISHED BY: (PRINT) \_\_\_\_\_ DATE: \_\_\_\_\_ RECEIVED FOR LABORATORY BY: *V. Hrellano* DATE: *2/8/07*

(SIGN) \_\_\_\_\_ (SIGN) TIME: *0805*



CIL ENVIRONMENTAL SERVICES  
FIELD BULK SAMPLE LIST

CLIENT: SMMUSD  
PROJECT NO: 167-0008  
PROJECT NAME: Santa Monica H.S.

Technician: V. Sauer  
Date: 4-2-07  
Page: 1 of 5

Technology  
bdg.

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 offices & storage rms (except T105)	3500 4. FT.	N	N
	basement floor rms & elbows	T90286 02802 02803	observed TSI in medium	T10, T11, cast iron fiberglass pipe			
	Cyprum board wall joint compound	3480	T-100 west cm.	T11, T10 S/W side wall, Rms T101-T113 offices & storage rms	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 CM.	T12 medium	2 ea.	N	N
	2x2 smooth pinhole ceiling panel	3484	T100 EAST CM	Rms T100 thru T113, T214 FIRST FLOOR OFFICES & STORAGE RMS.	9500 59. FT	Y	N
	2x4 fissured square pattern panel	3485	T-212 CM	2nd FLOOR HALLWAY, Rms T-200 thru T-214 (except Rm T214) - <del>OFFICE</del>	8500 59. FT	N	N
	light blue floor sheathing	3486	T214 N N/W.	2nd FLOOR HALLWAY & Rm T214A.	2800 59. FT	N	N
	12" gray speckled floor 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: V. 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			RM T 100 - T 113	100 ea	N	N
	octagon shape	3494	T-200 S/E	RM T-200	200 sq. ft	N	N
Lab	counters <del>hexagonal</del> <del>counters</del>	3495	P-200 N/W.	RM T-200, T-204	500 sq. ft	N	N
	rolled on ROOF curb			ROOF	14000 11000 500 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	take as if necessary see: TB509-503	150T observed			
NAP	Rough plaster wall - 1.5 feet	TB1701 ↓ 02 03	take as if necessary	15T & 2nd floor hallway 2nd floor street stairs	4900 59.5Ft. N	N	N
NAP	Canvas wrap pipe insulation	TB1801 ↓ 02 03		Domestic water line RMT 105	60 2.5Ft.	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/ gravel	TB2201 ↓ 02 03	Roof	Roof	11000 59.5Ft	N	N
S-167 POS	Ray pantheater bedfasters	TB2301 ↓ 02 03	Roof	Roof			
S-9 POS	Ray pantheater base plaster	TB2401 ↓ 02 03		Ext. walls & walkway ceiling	18000 59.5Ft	N	N
S-237 POS	Ca fence wall shear	TB2501 ↓ 02 03		Ext. walls & walkway/entry well ceiling	18000 59.5Ft	N	N
NAP	Parquet mastic	TB2601 ↓ 02 03					
S-70 NAP/POS	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 glass	TB0201 ↓ A02		T11F10, slusidewall, must stop 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	(pseudowit)	(Mech run T12)			
NAD	Rock plaster w/ fiber glass	TB0501 ↓ A03		<del>fiber glass</del> , <del>and fiber glass</del>			
NAD	2" x 4" random glass ceiling panel	TB0701 ↓ A02	take as is necessary	Removed			
NAD	Duct fiber on HVAC system	TB1101 ↓ A03		NOT observed			
NAD	12" random polyolefin tile & mastic	TB1401 ↓ A03		NOT observed			
NAD	Mastic associated w/ 12" random polyolefin tile	TB1401 ↓ A03		NOT observed			
3/0 POS	9" bags fiber tile & mastic	TB1501	Mastic 51/2	NOT observed			



**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 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 <b>Location:</b> Plaster Ceiling	908021163-01	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-02 1 <b>Location:</b> Plaster Ceiling	908021163-02	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-03 1 <b>Location:</b> Plaster Ceiling	908021163-03L1	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Black/Grey, Homogeneous, Non-Fibrous, Basecove <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 % <b>Comment:</b> No plaster			
E-03 1 <b>Location:</b> Plaster Ceiling	908021163-03L2	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Brown, Heterogeneous, Fibrous, Ceiling Tile <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Dark Yellow, Heterogeneous, Non-Fibrous, Glue <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-05 Location: Brown Flooring	908021163-05	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Brown, Heterogeneous, Fibrous, Flooring <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 31 %, Non-fibrous 69 %			
E-06 Location: Carpet Glue	908021163-06	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Yellow, Heterogeneous, Non-Fibrous, Glue <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-07 Location: Drywall	908021163-07	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> White/Brown, Heterogeneous, Fibrous, Drywall <b>Asbestos Types:</b> <b>Other Material:</b> 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
<b>Analyst Description:</b> Off-White, Heterogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> 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-09 2 Location: Drywall Jt. Compound	908021163-09	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Off-White, Heterogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-10 2 Location: Drywall Jt. Compound	908021163-10	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Off-White, Heterogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-11 3 Location: Drywall Joint Compound	908021163-11	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Off-White, Heterogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-12 3 Location: Drywall Joint Compound	908021163-12	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Off-White, Heterogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-13 3 Location: Drywall Joint Compound	908021163-13	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Off-White, Heterogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-14 3 Location: Drywall Joint Compound	908021163-14	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Off-White, Heterogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			

Client Name: CTL Environmental Services

**PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / English Bldg

<b>Client No. / HGA</b>	<b>Lab No.</b>	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
E-15 <b>Location:</b> Fire Door Material	908021163-15	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Light Grey, Heterogeneous, Fibrous, Fireproofing			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 7 %, Fibrous glass 2 %, Non-fibrous 91 %			
E-16 <b>Location:</b> 12" White Floor Tile	908021163-16L1	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Floor Tile			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
E-16 <b>Location:</b> 12" White Floor Tile	908021163-16L2	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
E-17 <b>Location:</b> 12" Gray Floor Tile	908021163-17L1	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Blue, Homogeneous, Non-Fibrous, Floor Tile			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
E-17 <b>Location:</b> 12" Gray Floor Tile	908021163-17L2	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
E-18 <b>Location:</b> 12" Blue Floor Tile	908021163-18L1	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Blue, Homogeneous, Non-Fibrous, Floor Tile			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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-18 <b>Location:</b> 12" Blue Floor Tile	908021163-18L2	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Yellow, Heterogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
E-18 <b>Location:</b> 12" Blue Floor Tile	908021163-18L3	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Grey, Heterogeneous, Non-Fibrous, Underlayment			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
E-19 <b>Location:</b> Red Flooring	908021163-19	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Brown, Heterogeneous, Fibrous, Flooring			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 6 %, Non-fibrous 94 %			
E-20 <b>Location:</b> Brown Flooring w/Barrier Paper	908021163-20L1	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Brown, Heterogeneous, Fibrous, Flooring			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 6 %, Non-fibrous 94 %			
E-20 <b>Location:</b> Brown Flooring w/Barrier Paper	908021163-20L2	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Black, Heterogeneous, Fibrous, Vapor Barrier			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 14 %, Non-fibrous 86 %			
E-21 4 <b>Location:</b> Stucco	908021163-21	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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-22 4 Location: Stucco	908021163-22	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-23 4 Location: Stucco	908021163-23	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-24 4 Location: Stucco	908021163-24	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
E-25 4 Location: Stucco	908021163-25	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
<b>Analyst Description:</b> Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Stucco <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			

**Reporting Notes:**

Analyzed By: Arturo A. Aldana art ald; 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

**AMERISCI LOS ANGELES**  
**CHAIN OF CUSTODY RECORD**

**AMERISCI**

24416 S Main St, # 308, Carson, CA 90745  
Phone (310)834-4868 Fax (310)834-4772

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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			Plaster ceiling	
-02					1						↓ 12" ceiling tile → glass	
-03					1						Brown flooring	
-04					1						Carpet & glass	
-05					1						↓ Drywall	
-06					1						↓ drywall 1/2" compound	
-07					1							
-08					1							
-09					1							
-10					1							
SAMPLED BY: (PRINT) <u>Victor Sanchez</u>									RECEIVED BY: (PRINT)			
(SIGN)									(SIGN)			
RELINQUISHED BY: (PRINT) <u>Carer Ruyalobc</u>									RECEIVED BY: (PRINT)			
(SIGN) <u>[Signature]</u>									(SIGN)			
RELINQUISHED BY: (PRINT)									RECEIVED FOR LABORATORY BY:			
(SIGN)									DATE: <u>2/28/07</u>			
									TIME: <u>0805</u>			

Ⓢ 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

SAMPLING INFORMATION

DATE

TIME

TECH

Notes:

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	SIZE	TYPE	#	CONTAINER	SAMPLING INFORMATION	DATE	TIME	TECH	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						Brown flooring w/ brown paper

SAMPLED BY: (PRINT)

DATE: 4/4/07

RECEIVED BY: (PRINT)

DATE:

(SIGN)

TIME:

(SIGN)

RELINQUISHED BY: (PRINT)

*[Signature]*

RECEIVED BY: (PRINT)

DATE:

(SIGN)

TIME:

(SIGN)

RELINQUISHED BY: (PRINT)

*[Signature]*

RECEIVED FOR LABORATORY BY:

DATE: 2/2/08

(SIGN)

TIME:

(SIGN)

DATE: 2/2/08

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 <del>E104</del> (SOUTH & NORTH)	1700 sq. ft	N	N
		E01	Stairwell North entrance				
		E02	<del>E104</del> E114				
	4" black concrete	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, E203, 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 <del>carpet</del> 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: N. Sanchez  
 PROJECT NO.: 107-008 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, E103, E104, E109, A300E, E113, E115, E117 & Entrances, E15200, E201, E213, E217	7300 sq. ft	N	N
	Red Floorway material	E19	E209 So. entrance	E209 <del>entrance</del>	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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**FACSIMILE TELECOPY TRANSMISSION**

**To:** Cesar R.  
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
<b>Analyst Description:</b> White, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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
<b>Analyst Description:</b> Blue, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
3503	908021164-03 Location: Carpet	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Yellow, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
3496	908021164-04 Location: Drywall Jt. Compound	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Joint Compound			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
<b>Comment:</b> No Drywall found			

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
3497	908021164-05 Location: Drywall Jt. Compound	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 % <b>Comment:</b> No Drywall found			
3498	908021164-06 Location: 12" Gray Floor Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 % <b>Comment:</b> No Mastic found			
3499	908021164-07L1 Location: 12" Lt. Gray Floor Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Flooring <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
3499	908021164-07L2 Location: 12" Lt. Gray Floor Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Mastic <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
3500	908021164-08L1 Location: 12" White Floor Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Flooring <b>Asbestos Types:</b> <b>Other Material:</b> 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)

<b>Client No. / HGA</b>	<b>Lab No.</b>	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
3500	908021164-08L2	<b>No</b>	<b>NAD</b>
	<b>Location:</b> 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 %

<b>Client No. / HGA</b>	<b>Lab No.</b>	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
3504	908021164-09	<b>No</b>	<b>NAD</b>
	<b>Location:</b> 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 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: Olga K. Katsuk 6/20/08



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AMERISCI JOB NO: **908021164-**

PAGE 1 OF 1

DUE DATE:

RUSH  24 HR  48 HR  3 DAY  5 DAY  7 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

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PHONE:

FAX 1:

FAX 2:

EMAIL:

CLIENT CONTACT: Jason Ruvolo

PROJECT NUMBER: 107-0008 PROJECT STATE: CA

PROJECT NAME: St. Monica High - Science

MATRIX: **A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES**  
**C-CASSETTES W-WASTE O-OTHER**

CONTAINER: **P-PLASTIC G-GLASS V-VOA**

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER			SAMPLING INFORMATION			TECH	Notes:
			SIZE	TYPE	#	DATE	TIME	DATE		
	8501	Brk	N/A	Bag	1	4/20/07	N/A	V.S.	2x9 piss. C.P.	
	3502				1				Blue Rectangular counter	
	3503				1				Component	
	3496				1				dryball 1st compound	
	3497				1				1st 1/2 bag 1st comp	
	3498				1				1st 1/2 bag 5 lot 1/6	
	3499				1				1st 1/2 bag 1st lot 1/6	
	3500				1				1st 1/2 bag 1st lot 1/6	
	3504				1				HVAC Joint compound	

GRAB (G) OR COMPOSITE (C) PRESERVATIVES SAMPLE PH AT LOGIN PLM

SAMPLED BY: (PRINT) V. Ctr Sanchez DATE: 4/2/07 RECEIVED BY: (PRINT) (SIGN)

RELINQUISHED BY: (PRINT) (SIGN) Jason Ruvolo DATE: 2/6/08 RECEIVED BY: (PRINT) (SIGN)

RELINQUISHED BY: (PRINT) (SIGN) [Signature] DATE: 2/8/08 RECEIVED FOR LABORATORY BY: (PRINT) (SIGN) [Signature]

RELINQUISHED BY: (PRINT) (SIGN) [Signature] DATE: 0808



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, S201, S203, S205P, S205, S207	15000	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	59.7	N	N
	12" gray speckled Fur tile	3498	S107 N/W	S200 S200P, S202, S204P, S204, S201, S201P, S203, 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, S203, 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: Mr. Santolucito  
 Date: 4-3-07  
 Page: 2 of 25

Science  
Bldg

CLIENT: SMUSD  
 PROJECT NO.: 107-008  
 PROJECT NAME: Sanita House H.S.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Rectangular counters (black)	tech bids 3495		prep rm, S107, S104, S102P, S100, S200, S202, S204, S207, S205	1800 sq ft	N	N
	octagon shape counters,	tech bldg			200 sq ft	N	N
	4" black core base & color.	tech bldg.		prep rm, S107, S105, S105A, S104, S102P, S102A, S100P, S100A, S100, S200, S200P, S202, S204, S204P, S205, S205P, S207	2000 sq ft	N	N
	2x4 fissured ceiling panel.	3501	S101 CTR.	S103, S101P, S101A, S101	2700 sq ft	K	N
	blue rectangular covers	3502	S103 N/E	S103, S101P.	850 sq ft	N	N
	carpet glue	3503	S101A CTR.	S101A.	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.	Yamasa		ROOF	9500 sq ft	N	N
	ROOF MASTIC	Yamasa		ROOF penetration	50 sq ft	N	N
	check boards	Yamasa		Plms	24 ea.	N	N
				S200, S201, S202, S203, S204, S205, S207			



# 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 underlayment	SC1-8-1 ↓ -2-3	Removed				
NAD	concrete on top sink	SC1-9-1	Not observed				
NAD	Smoke plaster walls + ceiling	SC1-10-1 + SC1-10-2	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.	2450 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 <del>transite</del> fume hood	SC113-1	✓	S103, S205	5 ea.		
B-NAD M-NAD	Tan. bombard. N.o.s tic	SC114-1 ↓ -3	Removed				
NAD	1 1/2" ceiling tile - straight x metric	SC115-1 ↓ -2 -3	✓	S101 south wall on soffit.	300 sq ft	N	U
7/10/07 15% Mo. pos	Pipe ins. lot on domestic water	SC116-1 ↓ -2 -3	NOT observed.				
20% 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	Canvas HVAC duct insulation	SC120-1 ↓ -2 -3	NOT observed				
15% Mo. pos	Laboratory counter top	SC120-1 ↓ -3	NOT observed				
NAD	Fluor. 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	✓				
10% 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 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 #** 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 Location: Drywall Jt. Compound  Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %	908021166-04	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L05 Location: HVAC Joint Compound  Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %	908021166-05	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L06 Location: 12" White Floor Tile  Analyst Description: Off-White, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %	908021166-06L1	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L06 Location: 12" White Floor Tile  Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Chrysotile 4.0 % Other Material: Non-fibrous 96 %	908021166-06L2	Yes	4 % (by CVES) by Arturo A. Aldana on 02/11/08
L07 Location: 12" Dk. Gray Floor Tile  Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %	908021166-07L1	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L07 Location: 12" Dk. Gray Floor Tile  Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Chrysotile 4.0 % Other Material: Non-fibrous 96 %	908021166-07L2	Yes	4 % (by CVES) by Arturo A. Aldana on 02/11/08

**PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Language Arts

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
L08 <b>Location:</b> 12" Fiss. Ceiling Tile	908021166-08	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/11/08
<b>Analyst Description:</b> Light Grey / White, Heterogeneous, Fibrous, Ceiling Tile			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 17 %, Fibrous glass 10 %, Non-fibrous 73 %			
L09 <b>Location:</b> 4" Black Covebase & Glue	908021166-09L1	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/11/08
<b>Analyst Description:</b> Black, Homogeneous, Non-Fibrous, Cove Base			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
L09 <b>Location:</b> 4" Black Covebase & Glue	908021166-09L2	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/11/08
<b>Analyst Description:</b> Dark Brown / Yellow, Heterogeneous, Non-Fibrous, Mastics			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
L10 <b>Location:</b> 4" Tan Covebase & Mastic	908021166-10L1	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/11/08
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Cove Base			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
L10 <b>Location:</b> 4" Tan Covebase & Mastic	908021166-10L2	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/11/08
<b>Analyst Description:</b> Dark Brown, Homogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
L10 <b>Location:</b> 4" Tan Covebase & Mastic	908021166-10L3	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/11/08
<b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Underlayment			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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  Analyst Description: Light Grey, Heterogeneous, Non-Fibrous, Vinyl Flooring Asbestos Types: Other Material: Non-fibrous 100 %	908021166-11	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L12 Location: 4" Lt. Gray Covebase  Analyst Description: Green, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %	908021166-12L1	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L12 Location: 4" Lt. Gray Covebase  Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021166-12L2	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L13 Location: Drywall Jt. Compound  Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %	908021166-13	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L14 Location: Drywall Jt. Compound  Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %	908021166-14	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
L15 Location: Drywall Jt. Compound  Analyst Description: White, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %	908021166-15	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08

# 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

**AMERISCI LOS ANGELES**  
**CHAIN OF CUSTODY RECORD**

**AMERISCI**

24416 S Main St, # 308, Carson, CA 90745  
Phone (310)834-4868 Fax (310)834-4772

www.amerisci.com

AMERISCI JOB NO: **908021166-**

**908021166-**

PAGE **1** OF **2**

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 NUMBER:		PROJECT STATE:		PROJECT STATE:	
PROJECT NAME:		PROJECT NUMBER:		PROJECT STATE:		CONTAINER:		CONTAINER:	
MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER		SL-SLUDGE		OIL-OIL		CH-CHIPS		WI-WIPES	
C-CASSETTES		W-WASTE		O-OTHER		GLASS V-VOA		GLASS V-VOA	
LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER		DATE		SAMPLING INFORMATION		Notes:
			SIZE	TYPE	#	DATE	TIME	TECH	
L01	Bulk	N/A	Bag	1	4/3/07	N/A	C-R	Carpet glue	
L02				1				1/2" blue 6' long AB	
L03				1				Drywall	
L04				1				Drywall joint compound	
L05				1				HVAC joint compound	
L06				1				1/2" white 6' long AB	
L07				1				1/2" dk. grey 6' long AB	
L08				1				1/2" ss. ceiling tile	
L09				1				5/4" black core-board glue	
L10				1				4" tan core-board glue	
SAMPLED BY: (PRINT)		DATE: 4/3/07		RECEIVED BY: (PRINT)		DATE: 4/18/08			
(SIGN)		Victor Sanchez		(SIGN)		TIME:			
RELINQUISHED BY: (PRINT)		DATE: 4/18/08		RECEIVED BY: (PRINT)		DATE: 4/18/08			
(SIGN)		Victor Sanchez		(SIGN)		TIME:			
RELINQUISHED BY: (PRINT)		DATE:		RECEIVED FOR LABORATORY BY:		DATE: 4/18/08			
(SIGN)				(SIGN)		TIME:			
RELINQUISHED BY: (PRINT)		DATE:		RECEIVED FOR LABORATORY BY:		DATE: 4/18/08			
(SIGN)				(SIGN)		TIME:			

DATE: 4/18/08  
TIME: 0805

RECEIVED FOR LABORATORY BY: *[Signature]*







# 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 ↓ 03 03					
570 POS	Base flashing roq Paint	LL1301 ↓ 03 03					
2370 POS	Exterior Stucco wall	LL1401 ↓ 03 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.	<del>RM104</del> 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 L 107C, 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		<del>transformer on L 107C</del>			
3-2070 PDS	9" beige-tan floor tile	LL0801 ↓ 02 03		L210C, L108B	750 sq. ft	N	N
NAD	12" random pebble ceiling tile	LL0901 ↓ 02 03		L210A, L210B, L210C, L210E, L210F			
NAD	Ceiling tile master	LL09A01 ↓ 02 03					
NAD	Gypsum board panel walls	LL1001 ↓ 02 03	(No. comp.)	L210D, L210E, L210C, L210 F, L118, L116, L113, L115, L114	1800 sq. ft	N	N
NAD	gingl stair tread	LL1101	not observed				

CTL ENVIRONMENTAL SERVICES  
FIELD BULK SAMPLE LIST

CLIENT: SMKUSD.  
PROJECT NO: 107-0008  
PROJECT NAME: Santa Monica H.S.

Technician: V. Sandoz  
Date: 4-3-07  
Page: 2 of 5

Langrange/History  
Bldg

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	carpet glue	L01	L-210 S/W	L210, L210D, L210E, L210F.	2200 sq. ft	N	N
	12" glue spalled particle	L02	S/W L-208A	L208, 2206, L204, L205, L104, L105, L106, L107, L108, L109, L108A, L114, L115, L116	13500 sq. ft	N	N
	drywall	L03	R/R'S L208B N/W	R/R'S L208B, L206B, L206A, L207A, L207D, L123A, L107A, Rm L118, L117, L117C & B.	3500 sq. ft	N	N
see L12 L14 L16	drywall joint compound	L04					
	HVAC Joints compound.	L05	2nd Fns corridor etc above ceiling	2nd Fns. ceiling space	50 sq. ft	N	N
	Smooth plaster			L-210, L208, L208A, L208B, L207B, L206, L204, L207, L108C, L109B, L116, L115	26000 sq. ft	N	N
	12" random particle c.t. glue.		L20801-02 L21001-03	L210, L208 corridors, L206, L207, L104, L105, L106, L107, L108, L108A, L109 L114, L115, L116, L118.	19500 sq. ft	N	N.



CIL ENVIRONMENTAL SERVICES  
FIELD BULK SAMPLE LIST

CLIENT: SMUSD  
PROJECT NO.: 107-0008  
PROJECT NAME: Scout & Monica H.S.

Technician: N. Sunkin  
Date: 4-3-07  
Page: 4 of 5

Language  
Library  
bdg.

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 Joint compound	L13	L118 N/E	R.N'S L208D, L206D, L206A, L207A, L207D, L123A, L107A, L118, L117, L117C, L117B	3500 sq. ft	N	N
		L14	L117 S/E				N
		L15	<del>L208A</del> / w L206N, w/w				
		L16	L123A N/W				
	12" light gray For tile (chairs)	L17	L117 N/E	L117, L118	1700 sq. ft	N	N
	Inspected crawl space for weeds along side perimeter foundation 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
<b>Analyst Description:</b> Off-White, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Joint Compound			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
<b>Comment:</b> 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
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Joint Compound			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
<b>Comment:</b> 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
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Joint Compound			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
<b>Comment:</b> 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><b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Joint Compound</p> <p><b>Asbestos Types:</b></p> <p><b>Other Material:</b> Non-fibrous 100 %</p> <p><b>Comment:</b> 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><b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Joint Compound</p> <p><b>Asbestos Types:</b></p> <p><b>Other Material:</b> Non-fibrous 100 %</p> <p><b>Comment:</b> 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><b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Joint Compound</p> <p><b>Asbestos Types:</b></p> <p><b>Other Material:</b> Non-fibrous 100 %</p> <p><b>Comment:</b> 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><b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Joint Compound</p> <p><b>Asbestos Types:</b></p> <p><b>Other Material:</b> Non-fibrous 100 %</p> <p><b>Comment:</b> 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><b>Analyst Description:</b> Black, Homogeneous, Non-Fibrous, Cove Base</p> <p><b>Asbestos Types:</b></p> <p><b>Other Material:</b> Non-fibrous 100 %</p>			

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-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
<b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
NPS-14A 3 Location: Plaster	908021162-15	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
NPS-15 3 Location: Plaster	908021162-16	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
NPS-15A 3 Location: Plaster	908021162-17	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
NPS-16 Location: 6" Black Covebase & Glue	908021162-18L1	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Black, Homogeneous, Non-Fibrous, Cove Base <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
NPS-16 Location: 6" Black Covebase & Glue	908021162-18L2	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Tan, Homogeneous, Non-Fibrous, Glue <b>Asbestos Types:</b> <b>Other Material:</b> 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-17 Location: 12" Random Peghole & Mastic	908021162-19	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Brown/Tan, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 60 %, Non-fibrous 40 %			
NPS-18 Location: Drywall	908021162-20	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Off-White, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 4 %, Fibrous glass 2 %, Non-fibrous 94 %			
NPS-19 Location: 12" Grey Speckled Floor Tile & Mastic	908021162-21L1	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Floor Tile			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-19 Location: 12" Grey Speckled Floor Tile & Mastic	908021162-21L2	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 4 %, Non-fibrous 96 %			
NPS-20 Location: 9" Lt. Brown Floor Tile & Mastic	908021162-22L1	Yes	6 % (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Tan, Homogeneous, Non-Fibrous, Floor Tile			
<b>Asbestos Types:</b> Chrysotile 6.0 %			
<b>Other Material:</b> Non-fibrous 94 %			
NPS-20 Location: 9" Lt. Brown Floor Tile & Mastic	908021162-22L2	Yes	3 % (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Black, Homogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b> Chrysotile 3.0 %			
<b>Other Material:</b> Cellulose 7 %, Non-fibrous 90 %			

Client Name: CTL Environmental Services

**PLM Bulk Asbestos Report**1007-0008; SMMUSD; St. Monica High School / North/So.  
Gyms

<b>Client No. / HGA</b>	<b>Lab No.</b>	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
NPS-21 Location: 6" Brown Covebase & Glue  Analyst Description: Brown, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %	908021162-23L1	<b>No</b>	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	<b>No</b>	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	<b>No</b>	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	<b>No</b>	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	<b>No</b>	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	<b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08

See Reporting notes on last page

Client Name: CTL Environmental Services

**PLM Bulk Asbestos Report**1007-0008; SMMUSD; St. Monica High School / North/So.  
Gyms

<b>Client No. / HGA</b>	<b>Lab No.</b>	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
NPS-25 <b>Location:</b> 12" Yellow Floor Tile	908021162-27L1	<b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Floor Tile			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-25 <b>Location:</b> 12" Yellow Floor Tile	908021162-27L2	<b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Yellow, Homogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-26 <b>Location:</b> 12" White Floor Tile	908021162-28L1	<b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Yellow, Homogeneous, Non-Fibrous, Floor Tile			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-26 <b>Location:</b> 12" White Floor Tile	908021162-28L2	<b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Yellow, Homogeneous, Non-Fibrous, Mastic			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-27 <b>Location:</b> 12" Lt. Blue Floor Tile	908021162-29	<b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Blue, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-28 4 <b>Location:</b> Stucco	908021162-30	<b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> 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-29 4 Location: Stucco	908021162-31	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-30 4 Location: Stucco	908021162-32	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Off-White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-31 4 Location: Stucco	908021162-33	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-32 4 Location: Stucco	908021162-34	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-33 4 Location: Stucco	908021162-35	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> White/Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
NPS-34 4 Location: Stucco	908021162-36	No	NAD (by CVES) by Paola Ducoing on 02/08/08
<b>Analyst Description:</b> Grey/White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			




# 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  
 Phone (310)834-4868 Fax (310)834-4772

www.amerisci.com

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) <b>Victor Sanchez</b>									RECEIVED BY: (PRINT)	DATE	TIME
RELINQUISHED BY: (PRINT) <b>[Signature]</b>									(SIGN)		
RELINQUISHED BY: (PRINT) <b>[Signature]</b>									RECEIVED BY: (PRINT)	DATE	TIME
RELINQUISHED BY: (PRINT) <b>[Signature]</b>									(SIGN)		
RELINQUISHED BY: (PRINT) <b>[Signature]</b>									RECEIVED FOR LABORATORY BY:	DATE	TIME
RELINQUISHED BY: (PRINT) <b>[Signature]</b>									(SIGN)		

GRAB (G) OR COMPOSITE (C) \_\_\_\_\_ PRESERVATIVES \_\_\_\_\_ SAMPLE PH AT LOGIN \_\_\_\_\_

Notes:

Drywall  
 Drywall Jt. Comp.

4<sup>th</sup> block one 6.5" x 8" -  
 2nd fl. b.s. ceiling panel

DATE: **2/8/08**  
 TIME: **0808**

DATE: **2/8/08**  
 TIME: **0808**









**AMERISCI LOS ANGELES**  
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**AMERISCI**

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			
	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:	RECEIVED BY: (PRINT)
			4/18/07	Victor Sanchez
			4/18/07	Victor Sanchez
			4/18/07	Victor Sanchez
			4/18/07	Victor Sanchez
			4/18/07	Victor Sanchez
			4/18/07	Victor Sanchez

RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE:
Victor Sanchez	4/18/07	Victor Sanchez	4/18/07
Victor Sanchez	4/18/07	Victor Sanchez	4/18/07
Victor Sanchez	4/18/07	Victor Sanchez	4/18/07
Victor Sanchez	4/18/07	Victor Sanchez	4/18/07



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 Fissured 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 sq. 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. <del>basement</del> 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, <del>SG11</del> , SG206 2nd FUR. S/E & S/W hall, SG205A, SG200, SG201 SG200A, SG200, SG203			
	bin black couchese & yke	NPS16	1ST FUR. N/W stairwell S/W	1ST FUR N/W stairwell <del>SG11</del> 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 sq. ft 41.5 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)	14000 sq. ft	N	N
	drywall	NPS18		no. gym 90. & north side entry way	45000 sq. ft	Y	N





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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24416 SOUTH MAIN STREET • SUITE 308

CARSON, CA 90745

TEL: (310) 834-4868 • FAX: (310) 834-4772

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:

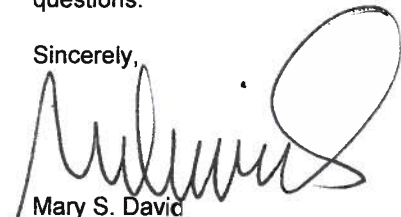
5275, 5276, 5277, 5278, 5279, 5280, 5281, 5282, 5283, 5284, 5285, 5286, 5287, 5288, 5289, 5290, 5291

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

Date Examined 02/07/08

AmeriSci Job # 908021148

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 %			

**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  Analyst Description: Cream, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %	908021148-11L2	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5286 Location: Green C. / Glue  Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021148-12	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5287 Location: 4" Green Covebase w/ Adhsive  Analyst Description: Green, Homogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %	908021148-13L1	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5287 Location: 4" Green Covebase w/ Adhsive  Analyst Description: Off-White, Homogeneous, Non-Fibrous, Glue Asbestos Types: Other Material: Non-fibrous 100 %	908021148-13L2	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5288 Location: 12"x12" Fissued Ceiling Tile  Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 30 %, Non-fibrous 70 %	908021148-14	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
5289 Location: Duct Sealant  Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	908021148-15	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08

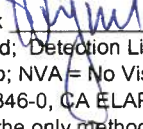
Client Name: CTL Environmental Services

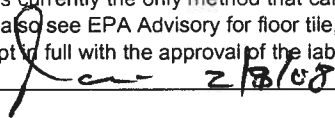
# PLM Bulk Asbestos Report

107-0008; S.M. High B. Hall

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5290 Location: Stucco	908021148-16	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> Beige/Grey, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
5291 Location: Smooth Plaster	908021148-17	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
<b>Analyst Description:</b> Beige/Grey, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> 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





# 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 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 V. Jt. Comp	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	<del>10000</del> 10000 35 ft	N	N
	Smooth Plaster	5291	Mezz Level - Mezz Pl. North West Core	1st floor walkway 1, 2, Hall, Mezz 1st floor, Lobby Mezz Level Mezz 1st floor, Mezz 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 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 2, 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 patty	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**

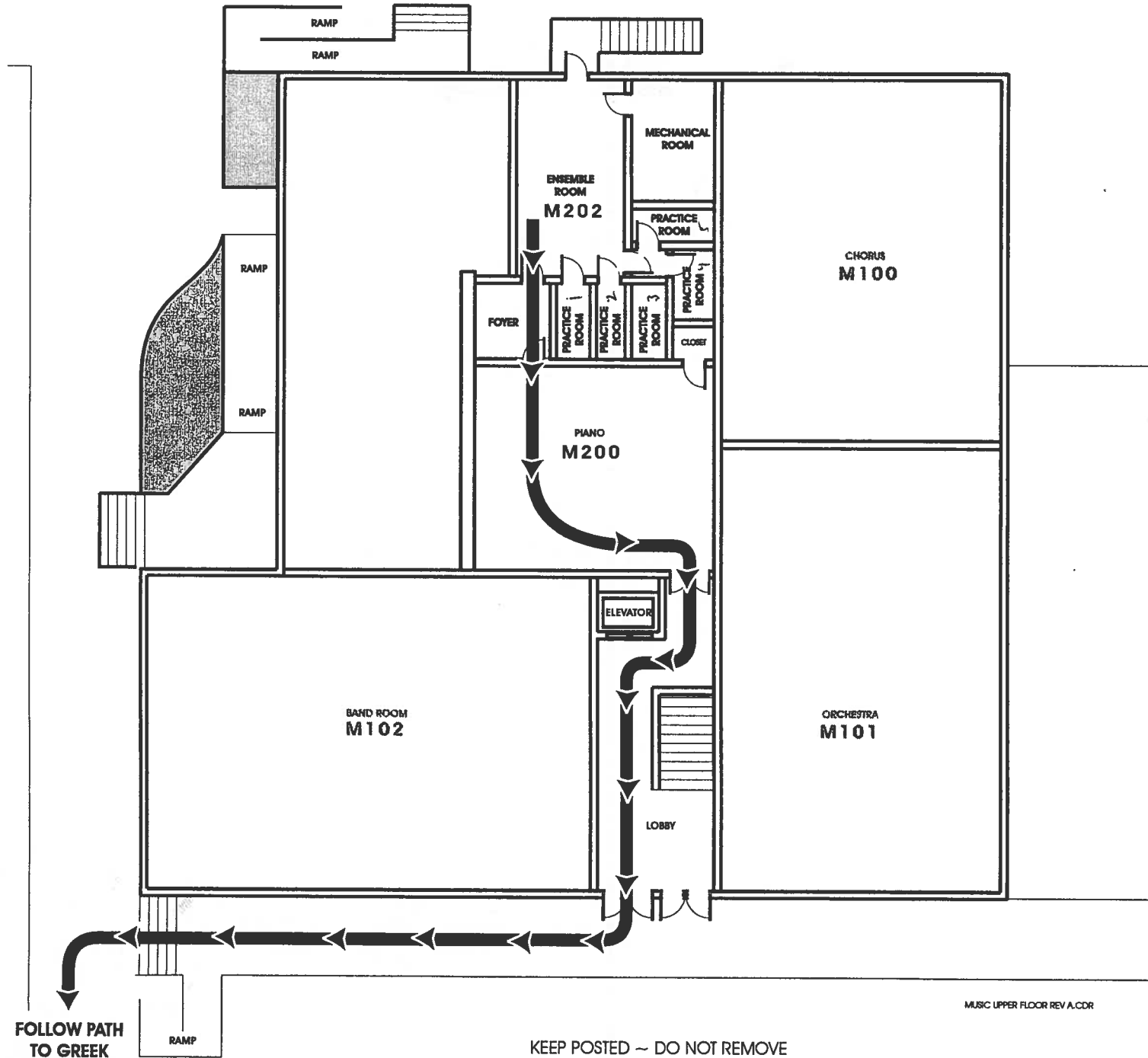








# EVACUATION ROUTE UPPER LEVEL MUSIC BUILDING



FOLLOW PATH  
TO GREEK

KEEP POSTED ~ DO NOT REMOVE

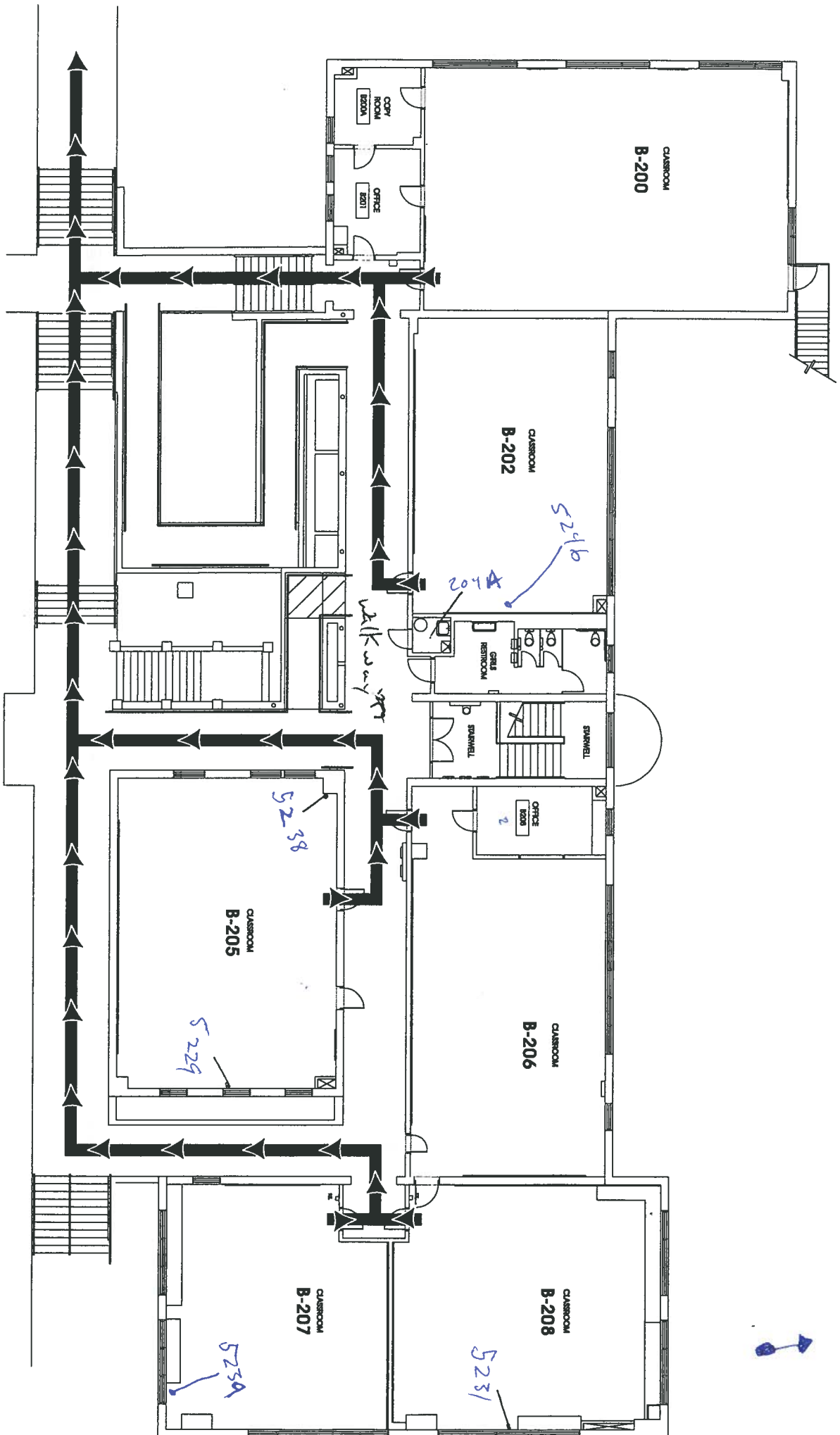
MUSIC UPPER FLOOR REV A.CDR







# EVACUATION ROUTE BUSINESS BUILDING - SECOND FLOOR



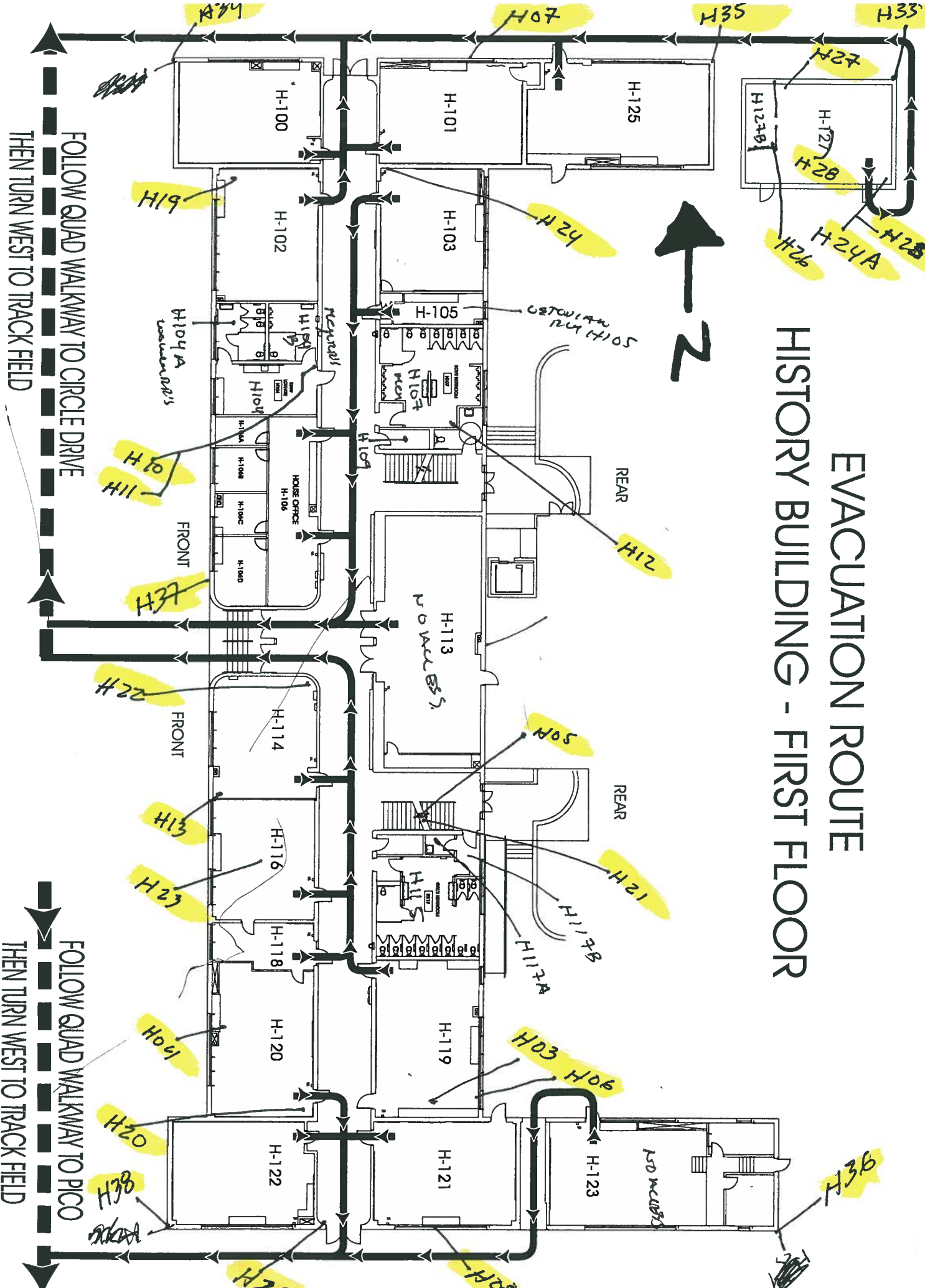
FOLLOW QUAD WALKWAY NORTH  
TO CIRCLE DRIVE THEN GO WEST  
PAST THE NORTH GYM TO THE BASEBALL FIELD







# EVACUATION ROUTE HISTORY BUILDING - FIRST FLOOR

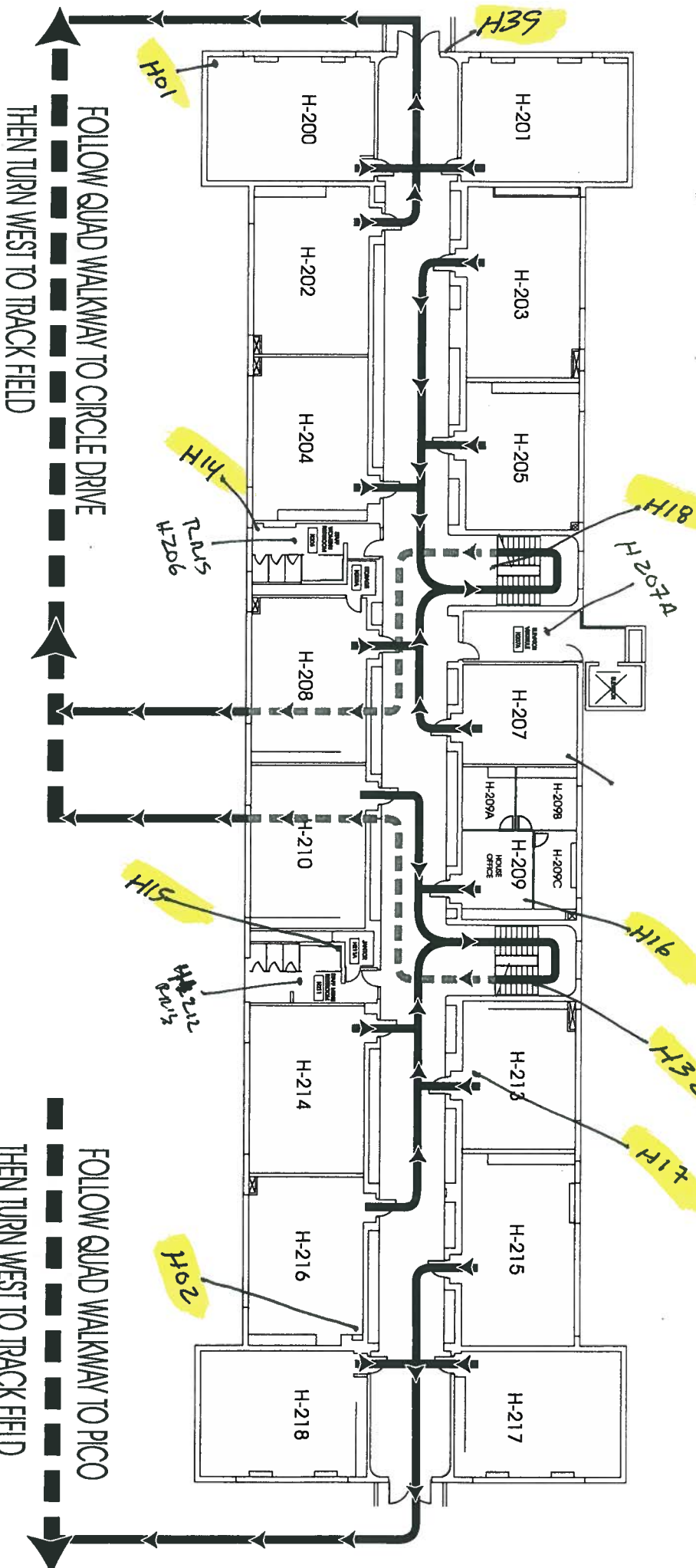


FOLLOW QUAD WALKWAY TO CIRCLE DRIVE  
THEN TURN WEST TO TRACK FIELD

FOLLOW QUAD WALKWAY TO PICO  
THEN TURN WEST TO TRACK FIELD

KEEP POSTED ~ DO NOT REMOVE

# EVACUATION ROUTE HISTORY BUILDING SECOND FLOOR



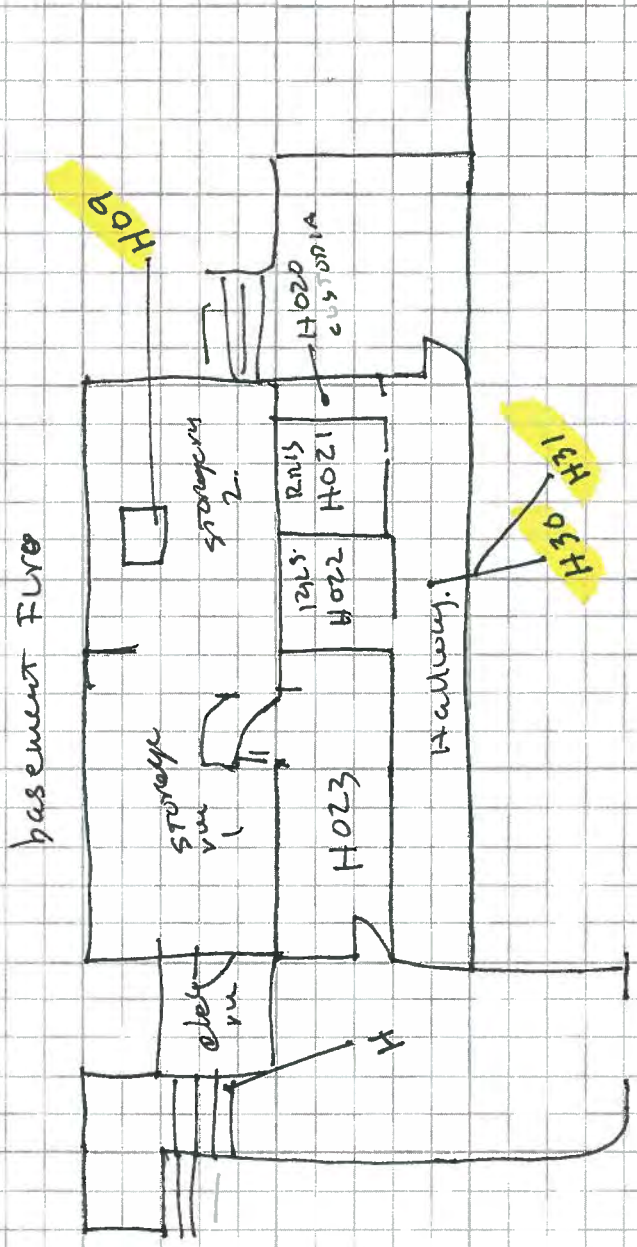
FOLLOW QUAD WALKWAY TO CIRCLE DRIVE  
THEN TURN WEST TO TRACK FIELD

FOLLOW QUAD WALKWAY TO PICO  
THEN TURN WEST TO TRACK FIELD

HISTORY 2ND FLOOR Rev. C.CDR  
KEEP POSTED ~ DO NOT REMOVE

DESCRIPTION: Basement Flr. History bldg	JOB NAME: Santa Monica H.S.	DATE: 4-4-03	SKETCH NO:	PAGE _____ OF _____
JOB NO: 107-0008	DRAWN BY: V-studio	SCALE:		

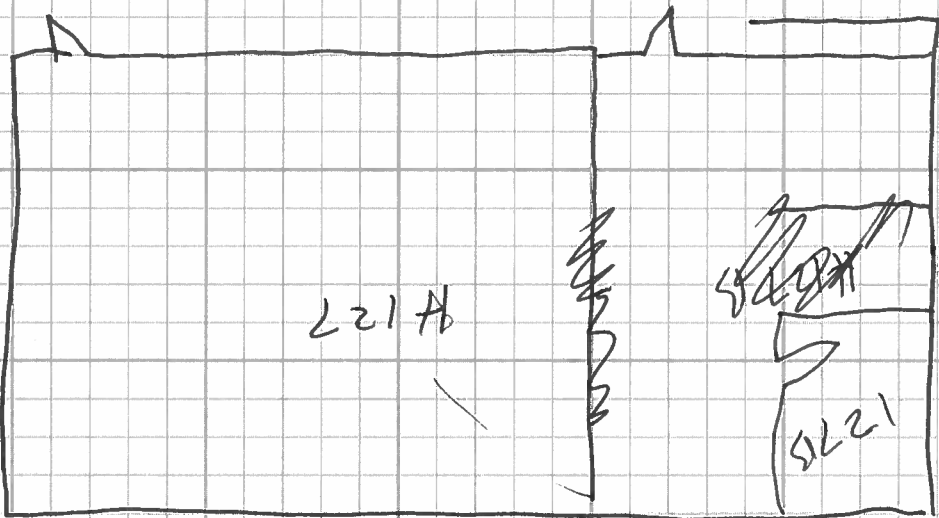
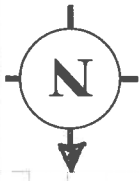
CTL ENVIRONMENTAL SERVICES  
 24404 S. Vermont Avenue, Suite 307  
 Harbor City, California 90710  
 (310) 530-5006 FAX: (310) 530-0792  
 Email: info@ctles.com



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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



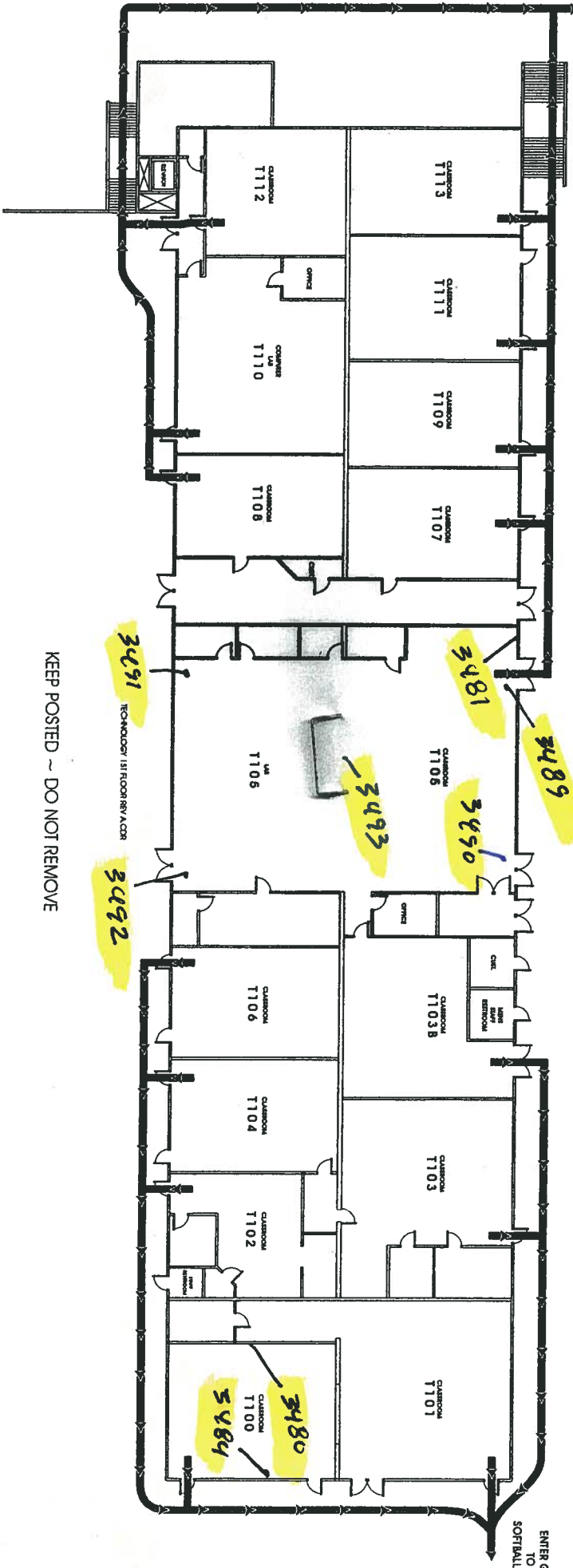




FOLLOW WALKWAY  
TO  
BASEBALL FIELD

# EVACUATION ROUTE FIRST FLOOR TECHNOLOGY BUILDING

ENTER GATE  
TO  
SOFTBALL FIELD



KEEP POSTED - DO NOT REMOVE

3491

3492

3481

3489

3490

3493

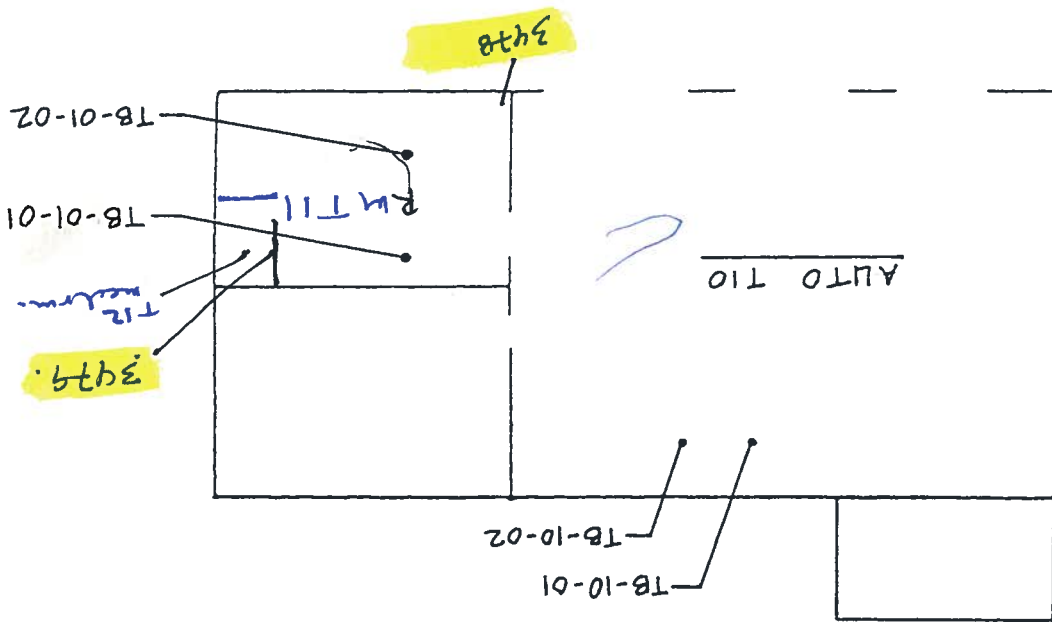
3480

5484

↖  
↗

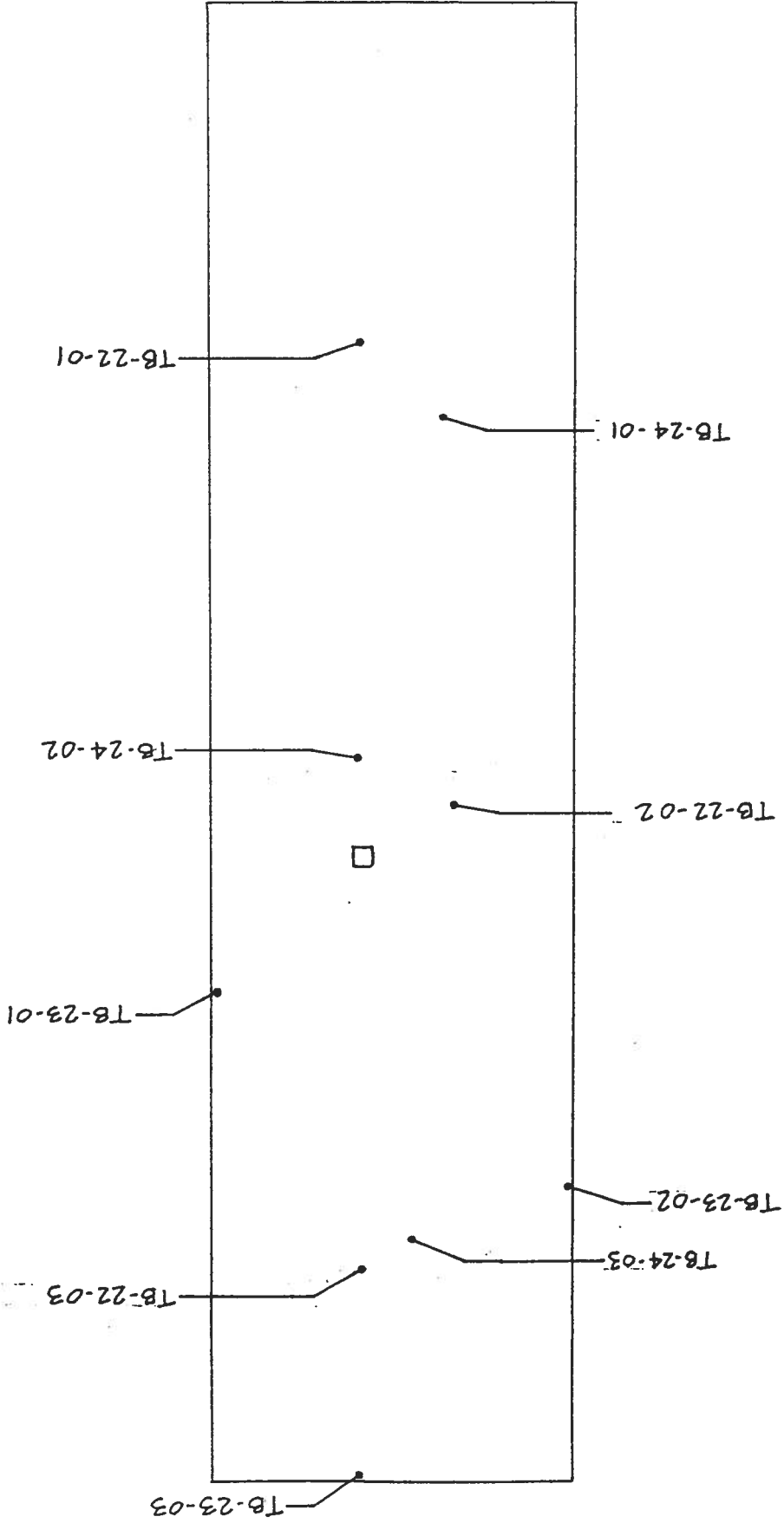
V. Secker

BASEMENT FLOOR PLAN  
NOT TO SCALE





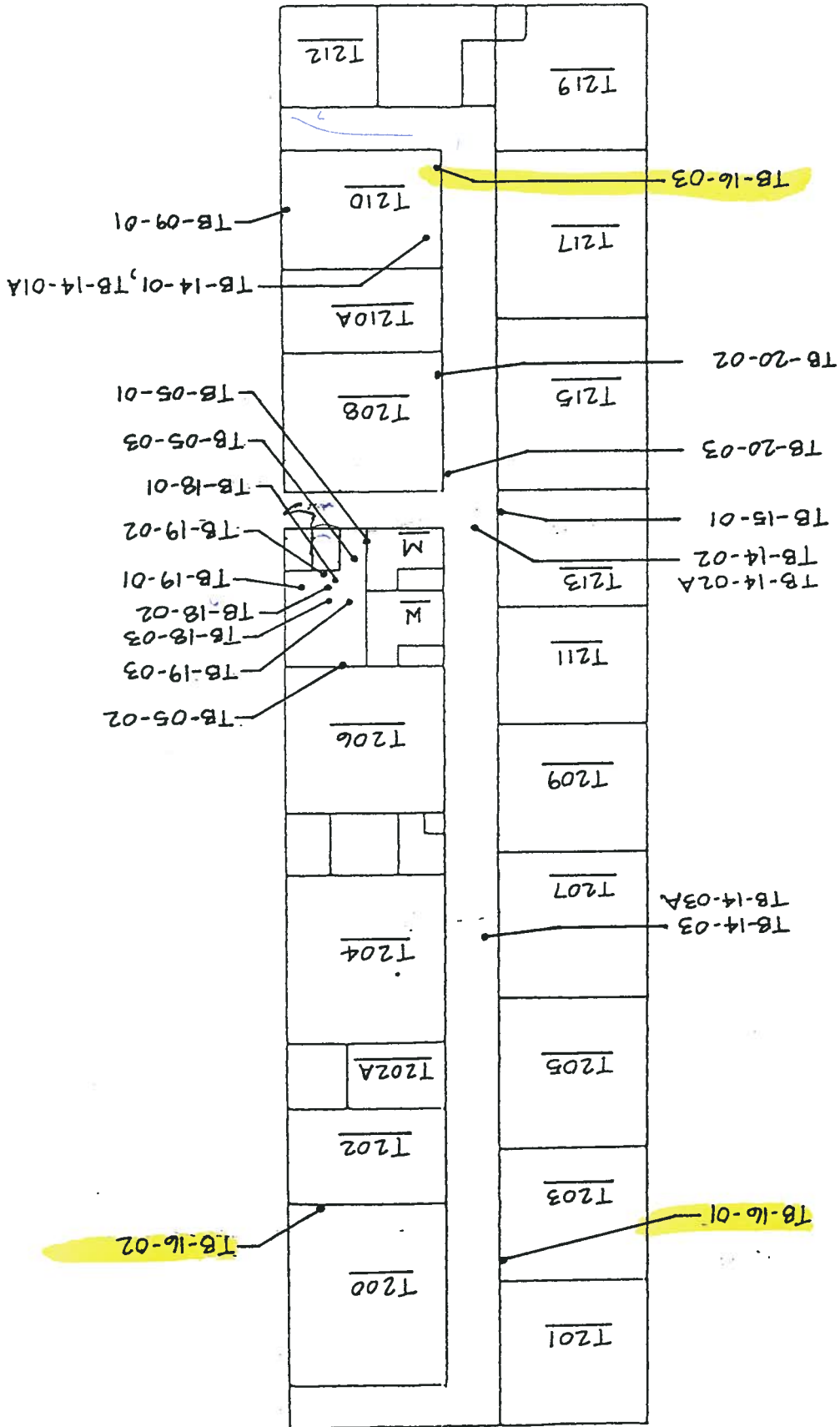
ROOF PLAN  
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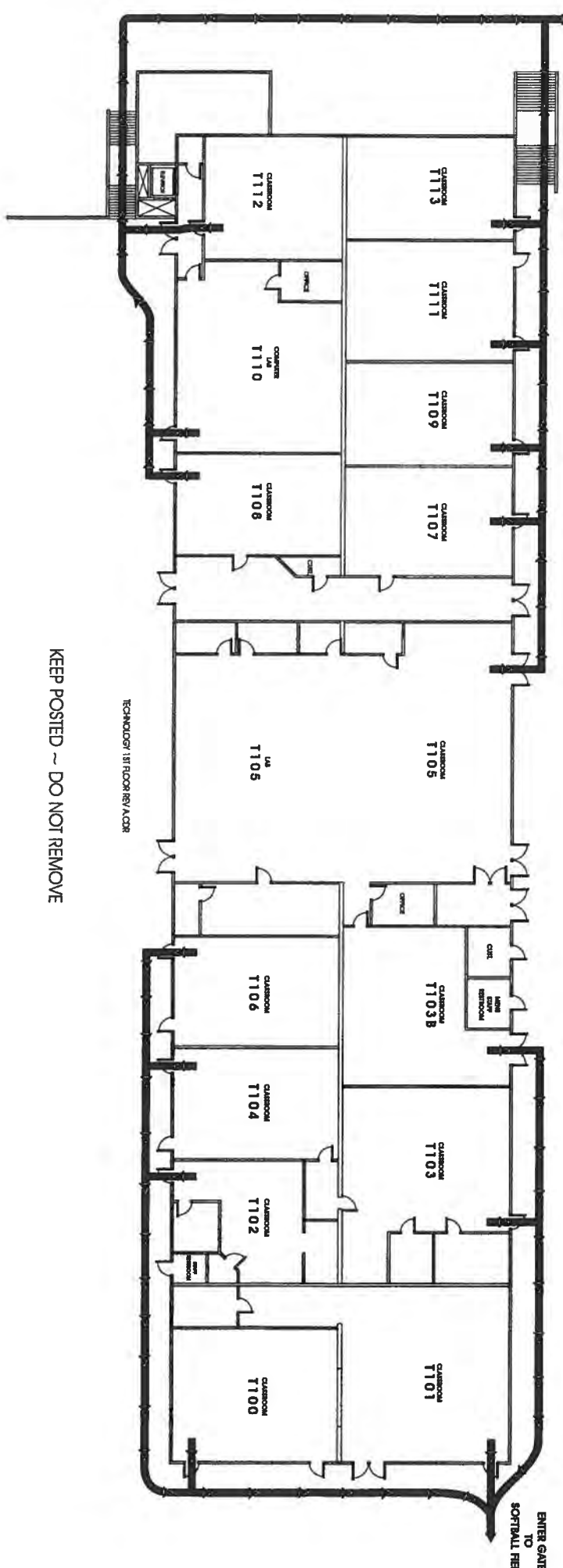
SECOND FLOOR PLAN  
NOT TO SCALE





FOLLOW WALKWAY  
TO  
BASEBALL FIELD

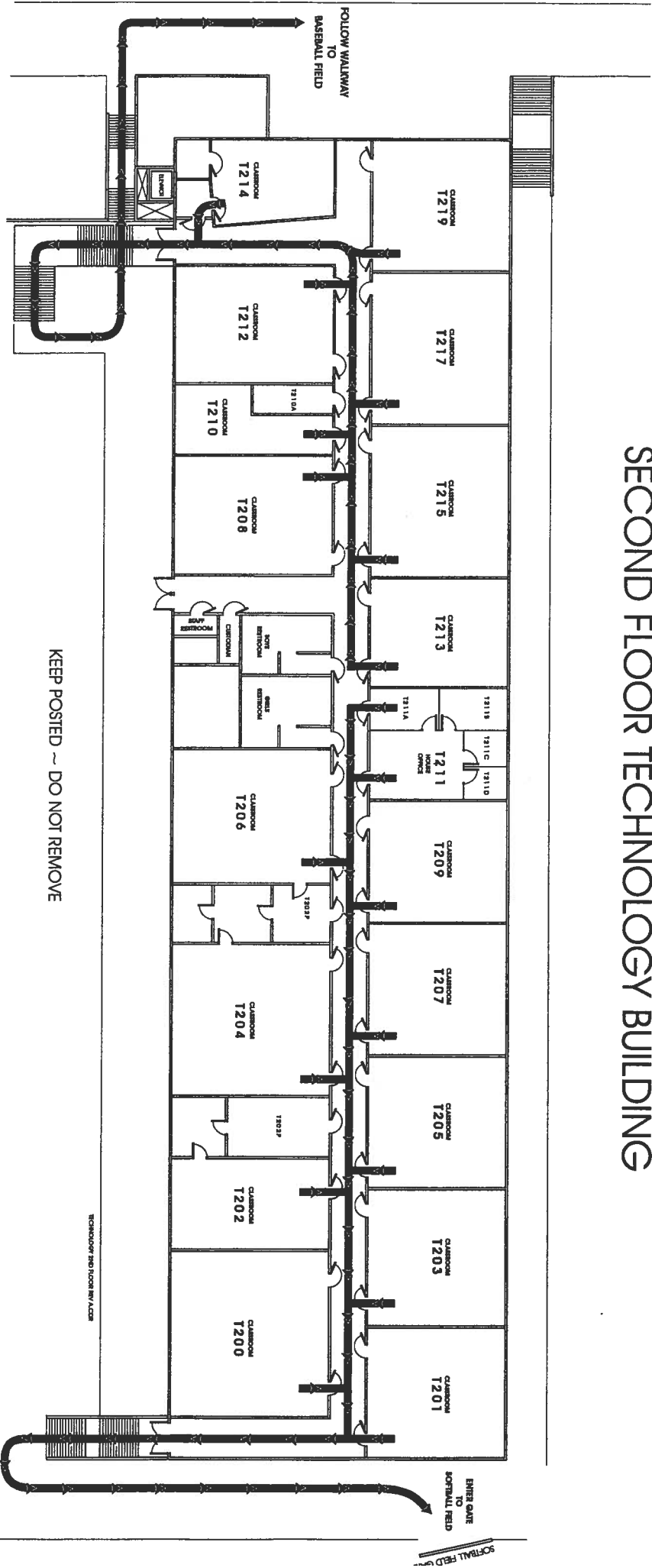
# EVACUATION ROUTE FIRST FLOOR TECHNOLOGY BUILDING



KEEP POSTED ~ DO NOT REMOVE

ENTER GATE  
TO  
SOFTBALL FLD

# EVACUATION ROUTE SECOND FLOOR TECHNOLOGY BUILDING



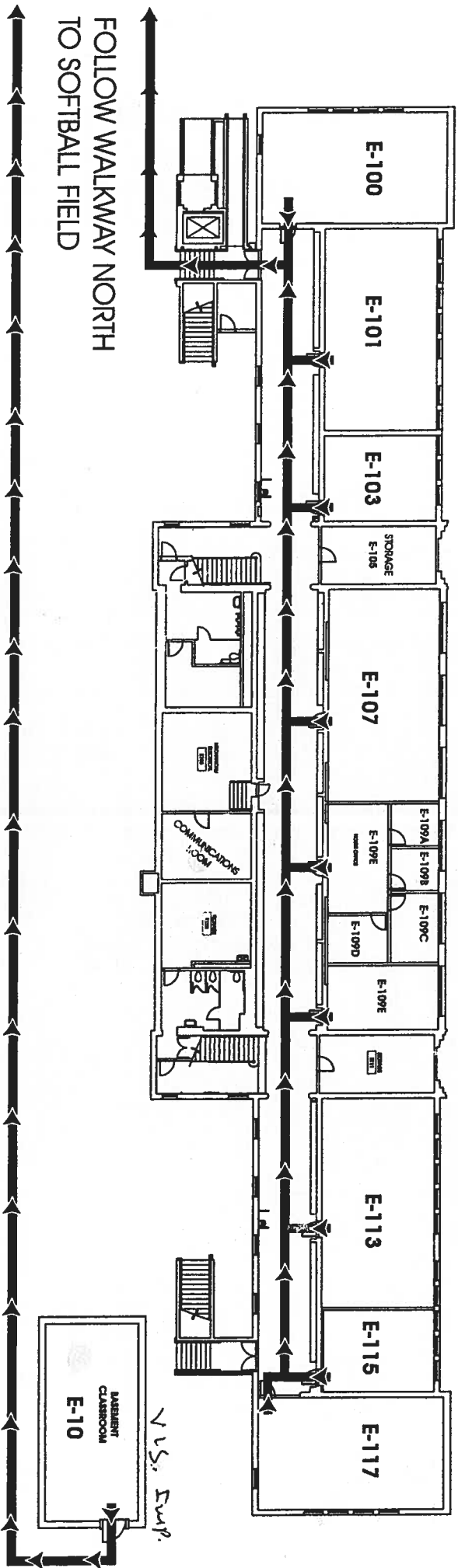






# EVACUATION ROUTE ENGLISH BUILDING - FIRST FLOOR

SEVENTH STREET



N

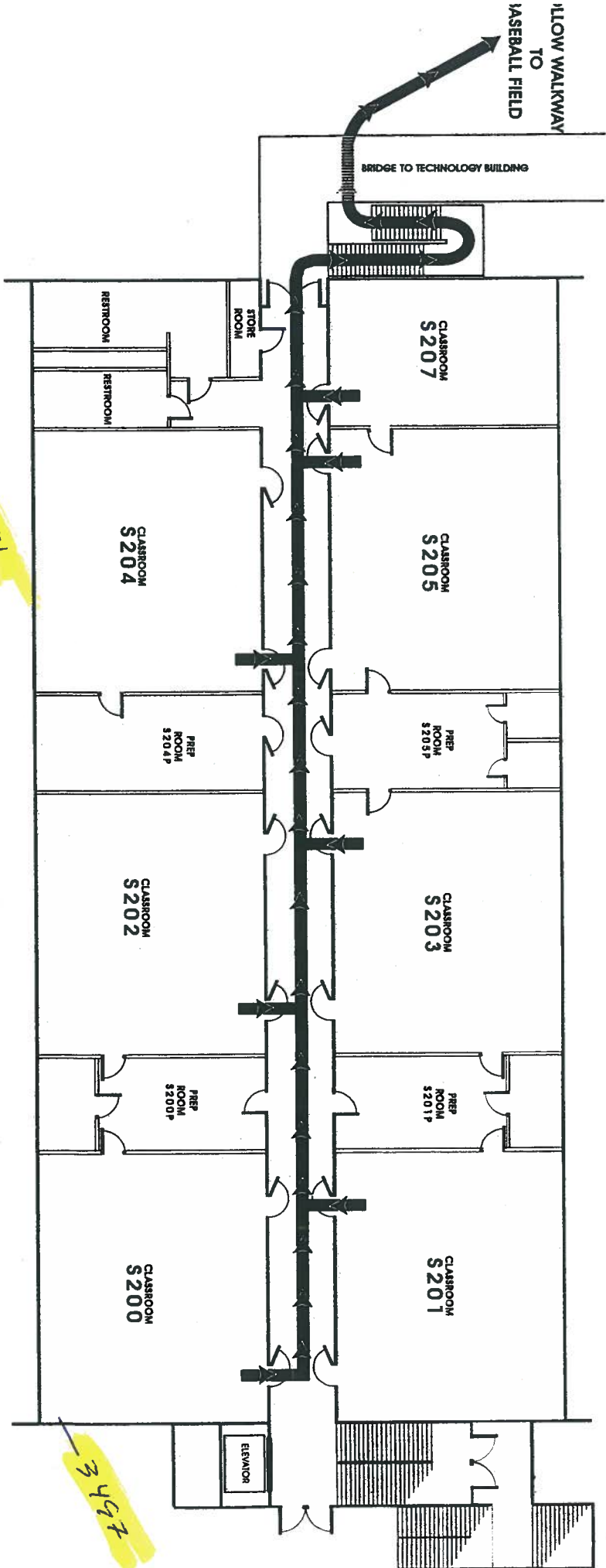
SCIENCE BLDG.

2ND FLR.

Santa Monica H.S.

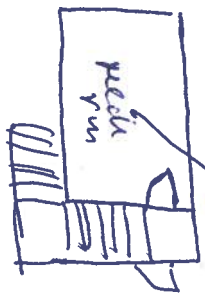
107-0008

4-3-07



KEEP POSTED ~ DO NOT REMOVE

SCIENCE 2ND FLOOR REV. A.D.R.



3104



3497





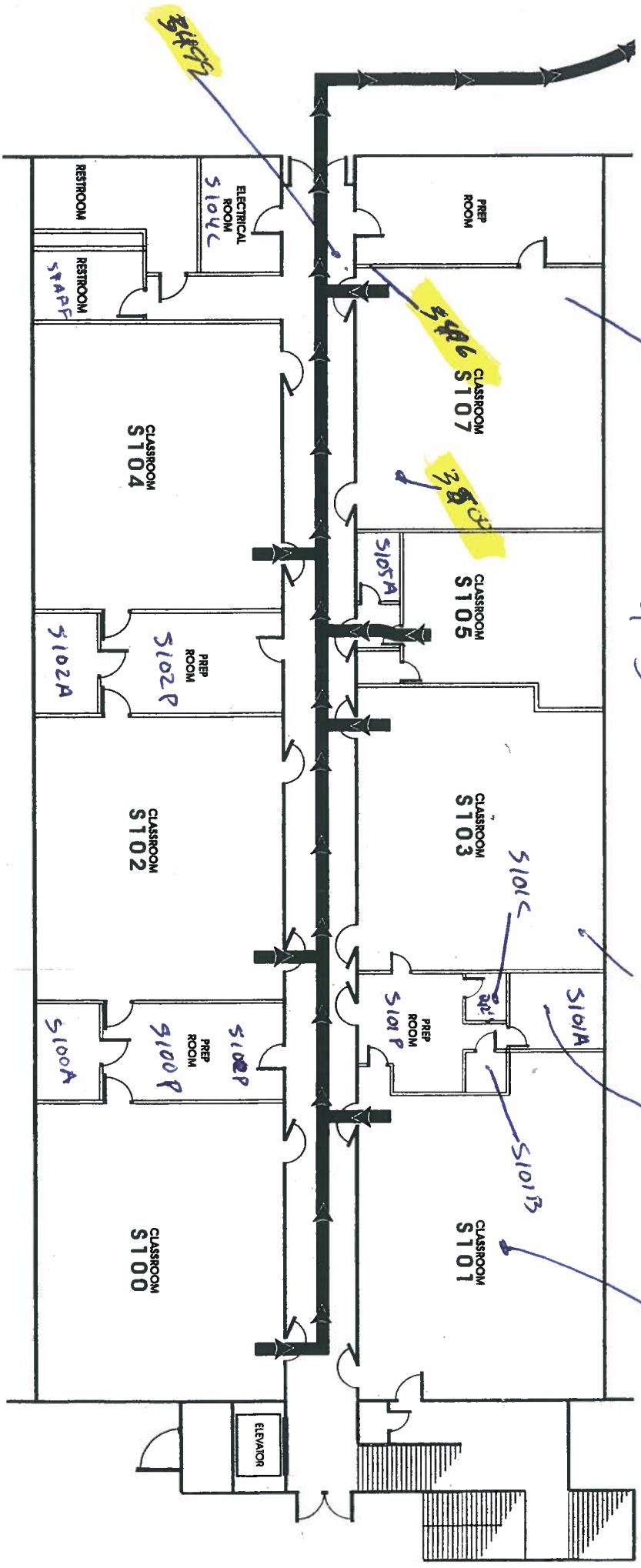
SCIENCE BLDG.

FIRST FLOOR

South House H-5

107-0008

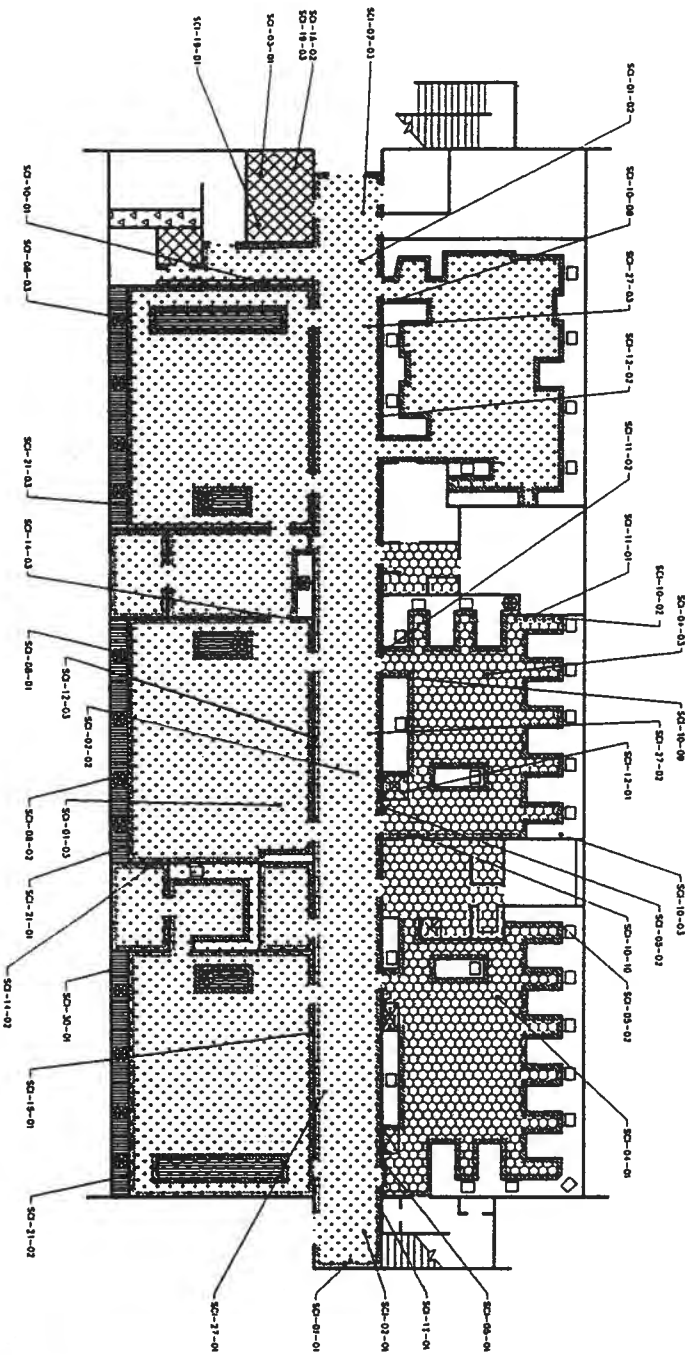
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APPENDIX A

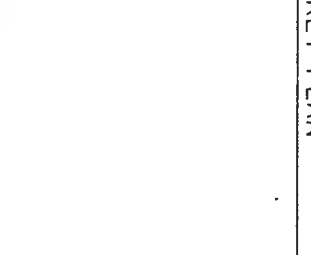
# SCIENCE BUILDING "B" - FIRST FLOOR



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 PVP FLOORING 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

**PROJECT NAME:**  
 SANTA MONICA  
 HIGH SCHOOL  
 AND VOCATIONAL  
 CENTER

NO.	DATE	REVISIONS

NO.	DATE	REVISIONS

NO.	DATE	REVISIONS

**C A P E**  
**ENVIRONMENTAL**  
**MANAGEMENT**  
**CONSULTANTS**

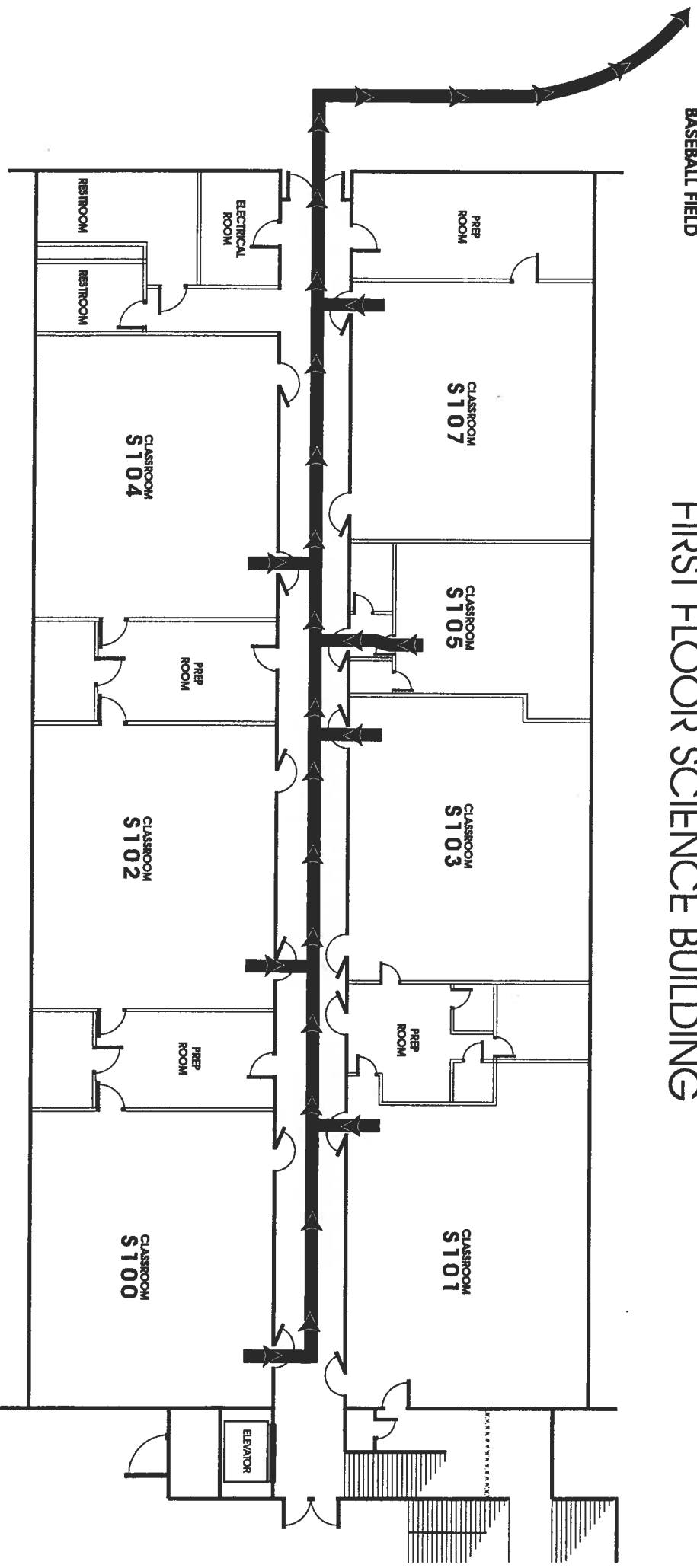
3000 S Vermont Av.  
 Santa Ana, CA 92705  
 (714) 432-4500





# EVACUATION ROUTE FIRST FLOOR SCIENCE BUILDING

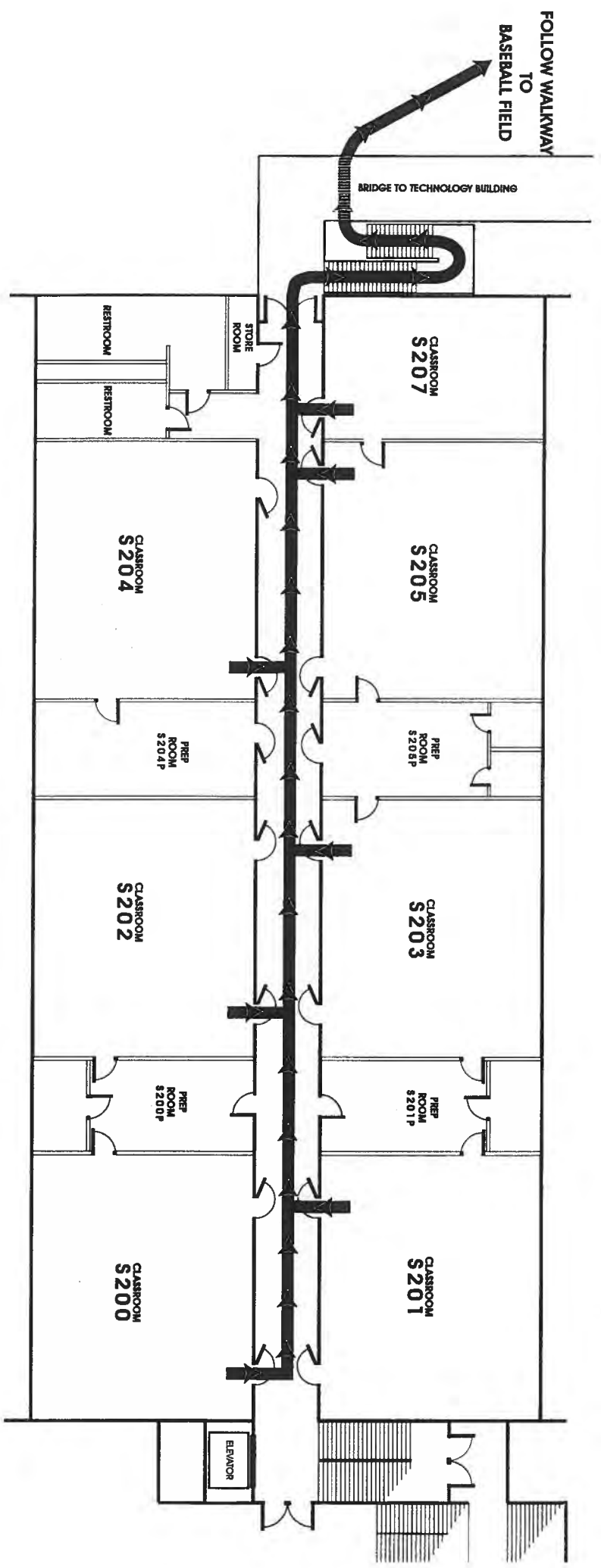
FOLLOW WALKWAY TO  
BASEBALL FIELD



KEEP POSTED ~ DO NOT REMOVE

SCIENCE 1ST FLOOR REV/ACDR

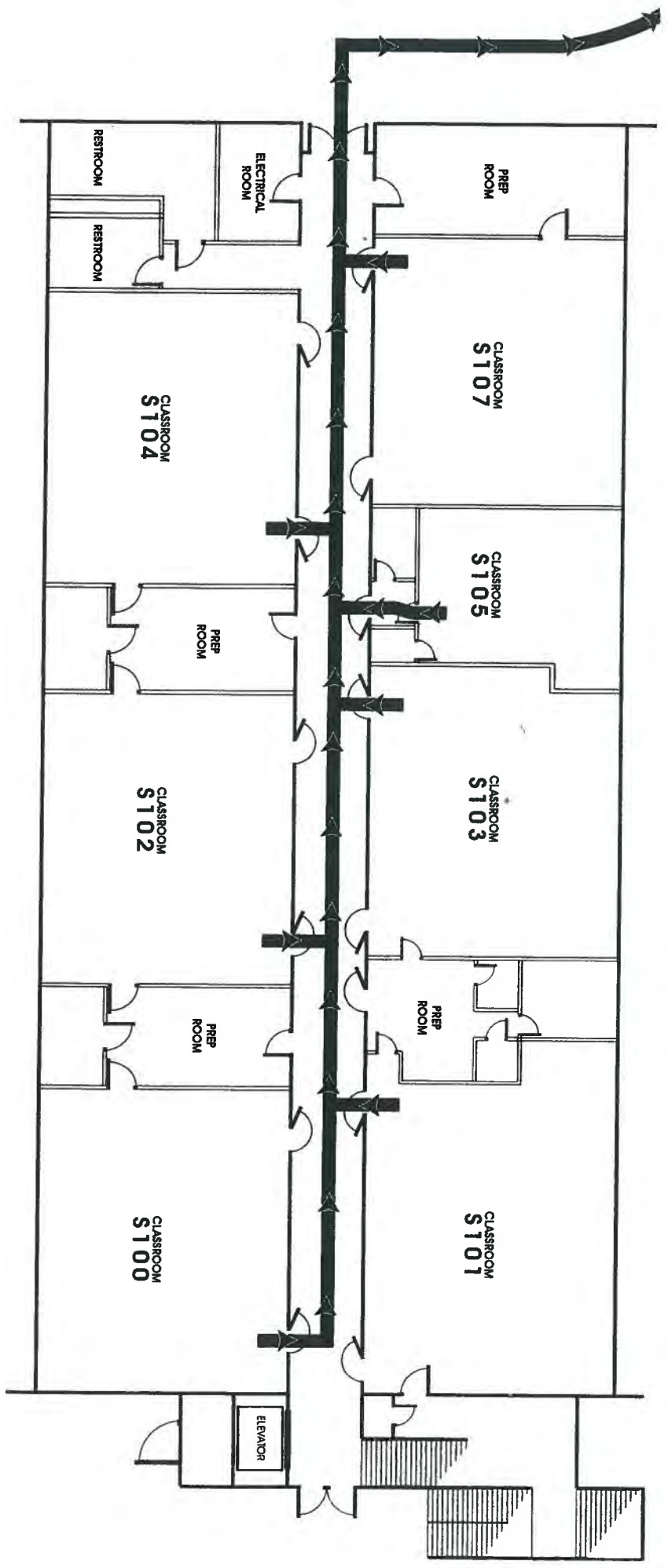
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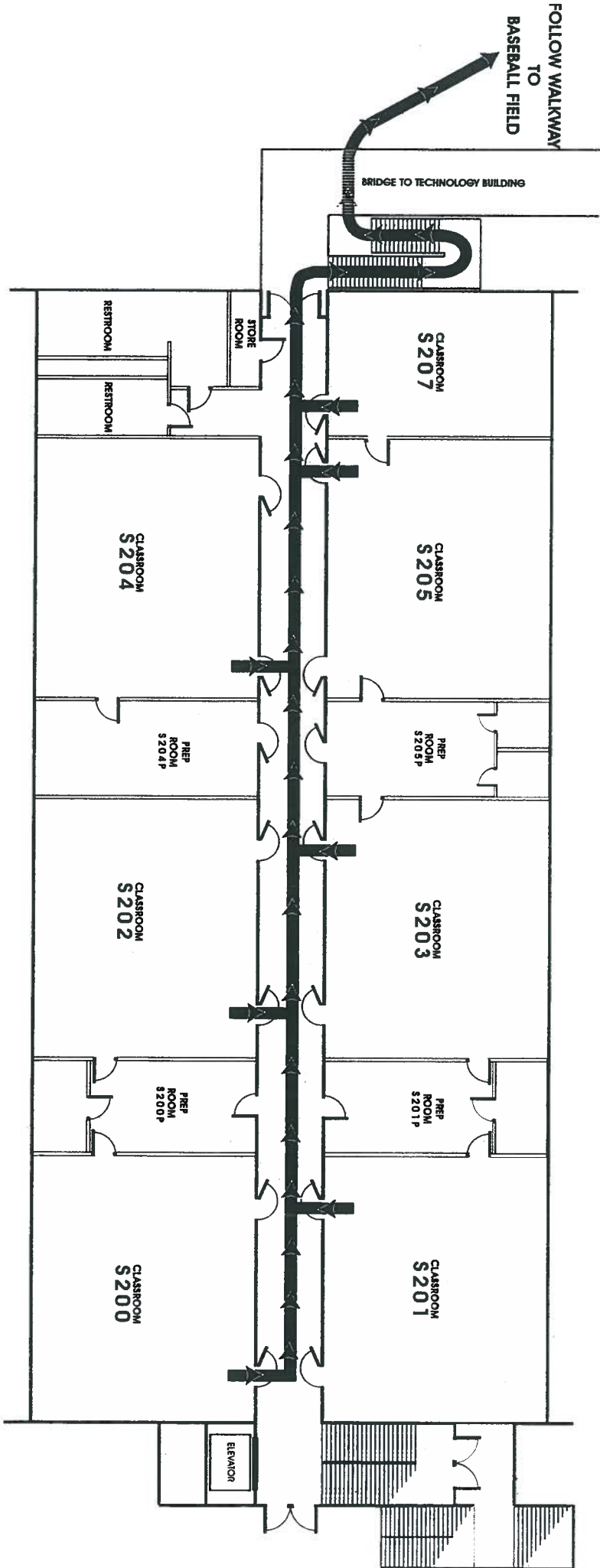
SCIENCE AND ROOM REV. A.CDR

SCIENCE BLDG.  
FIRST FLOOR



KEEP POSTED ~ DO NOT REMOVE

SCIENCE BLDG.  
2ND FLR.



KEEP POSTED ~ DO NOT REMOVE

SCIENCE 2ND FLOOR REV. A.CDR

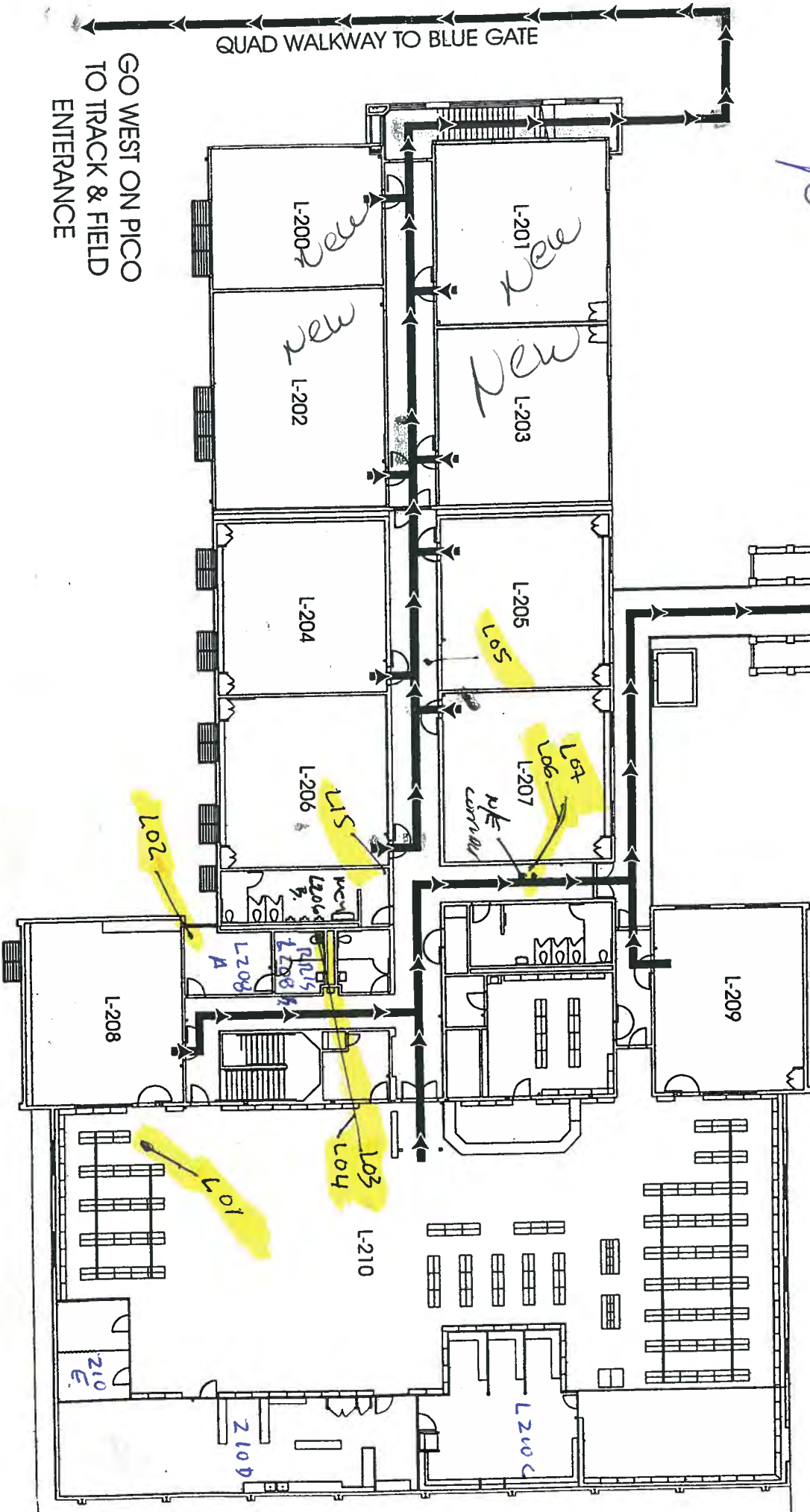


QUAD WALKWAY TO BLUE GATE

GO WEST ON PICO  
TO TRACK & FIELD  
ENTRANCE



Language Bldg 2nd Fl



L-206

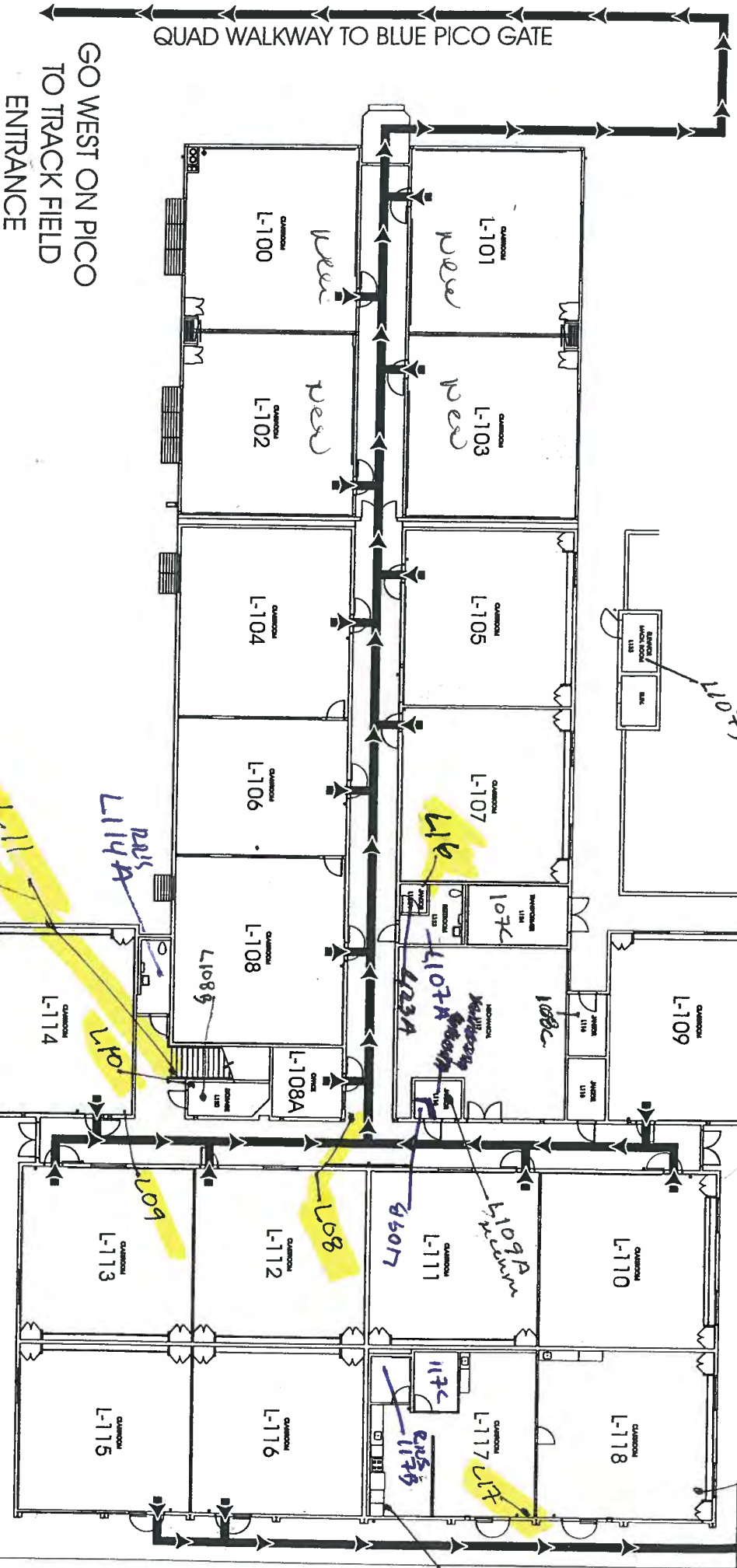
SOFTBALL  
FIELD

LANGUAGE Bldg 157 FU

2



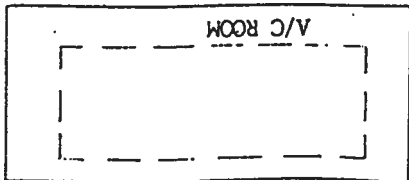
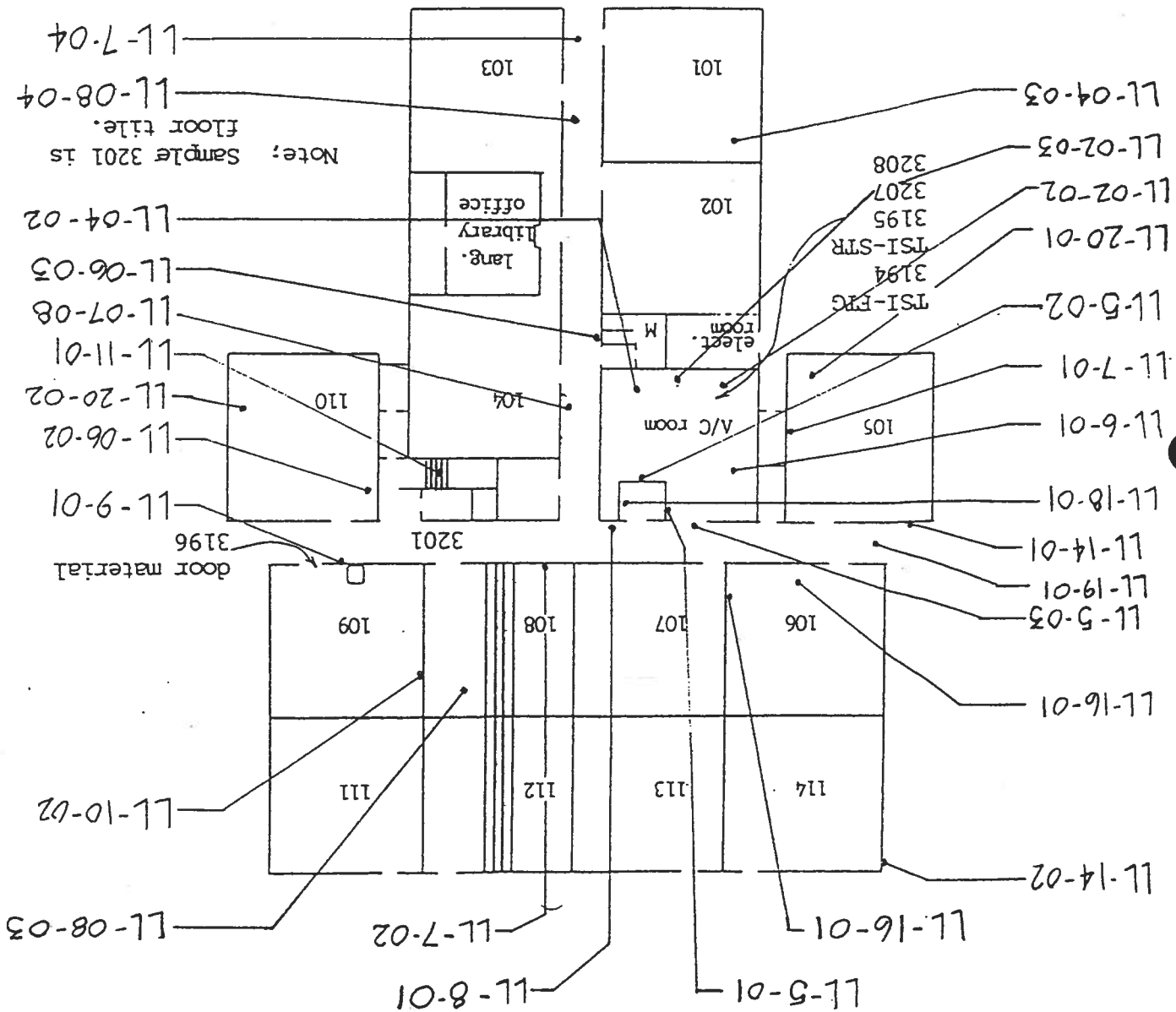
SOFTBALL FIELD



KEEP POSTED ~ DO NOT REMOVE

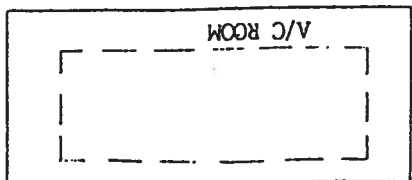
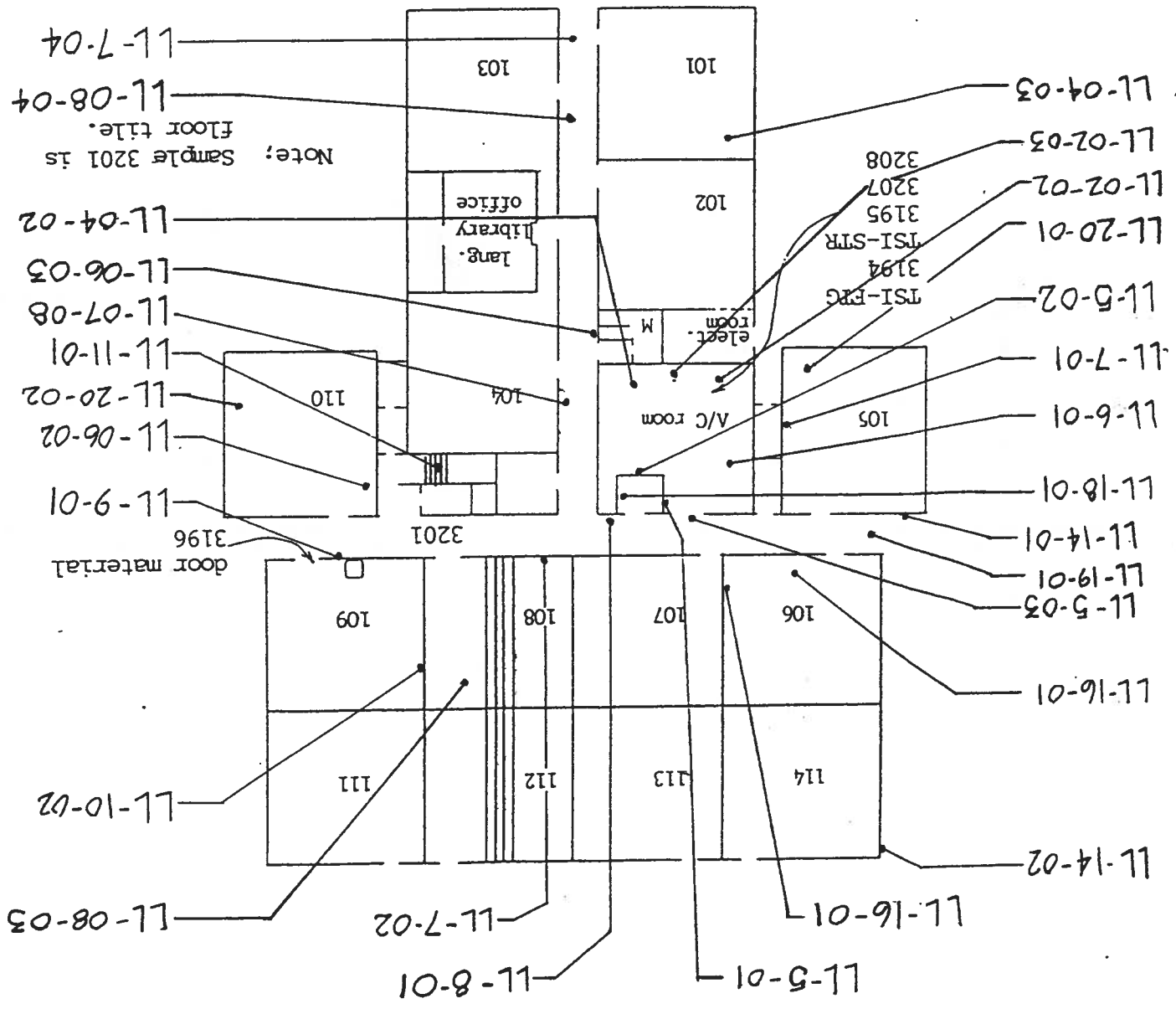
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**FIRST FLOOR PLAN**

**LIBRARY & LANGUAGE BUILDING**



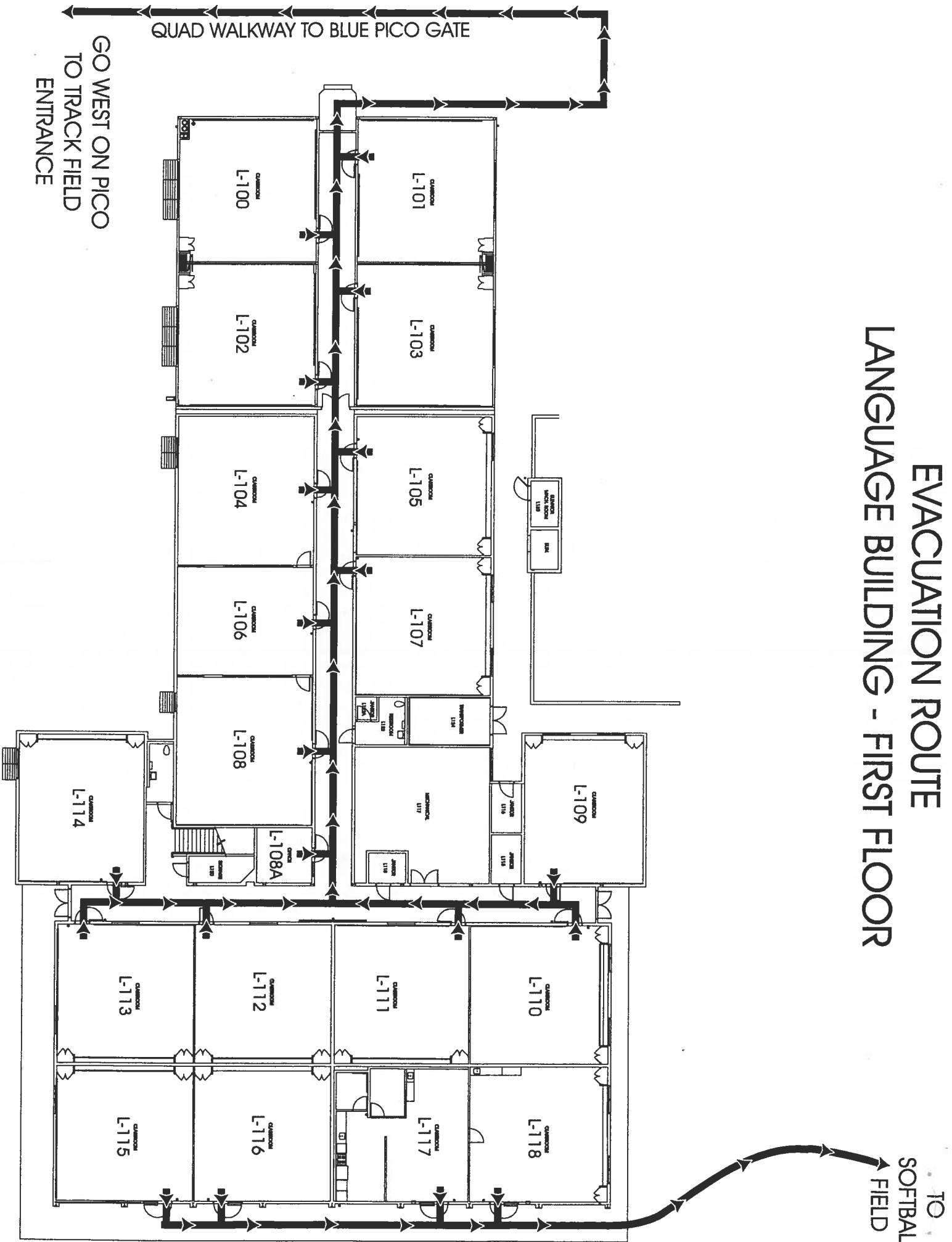
Scale: Not to scale  
**FIRST FLOOR PLAN**

**LIBRARY & LANGUAGE BUILDING**





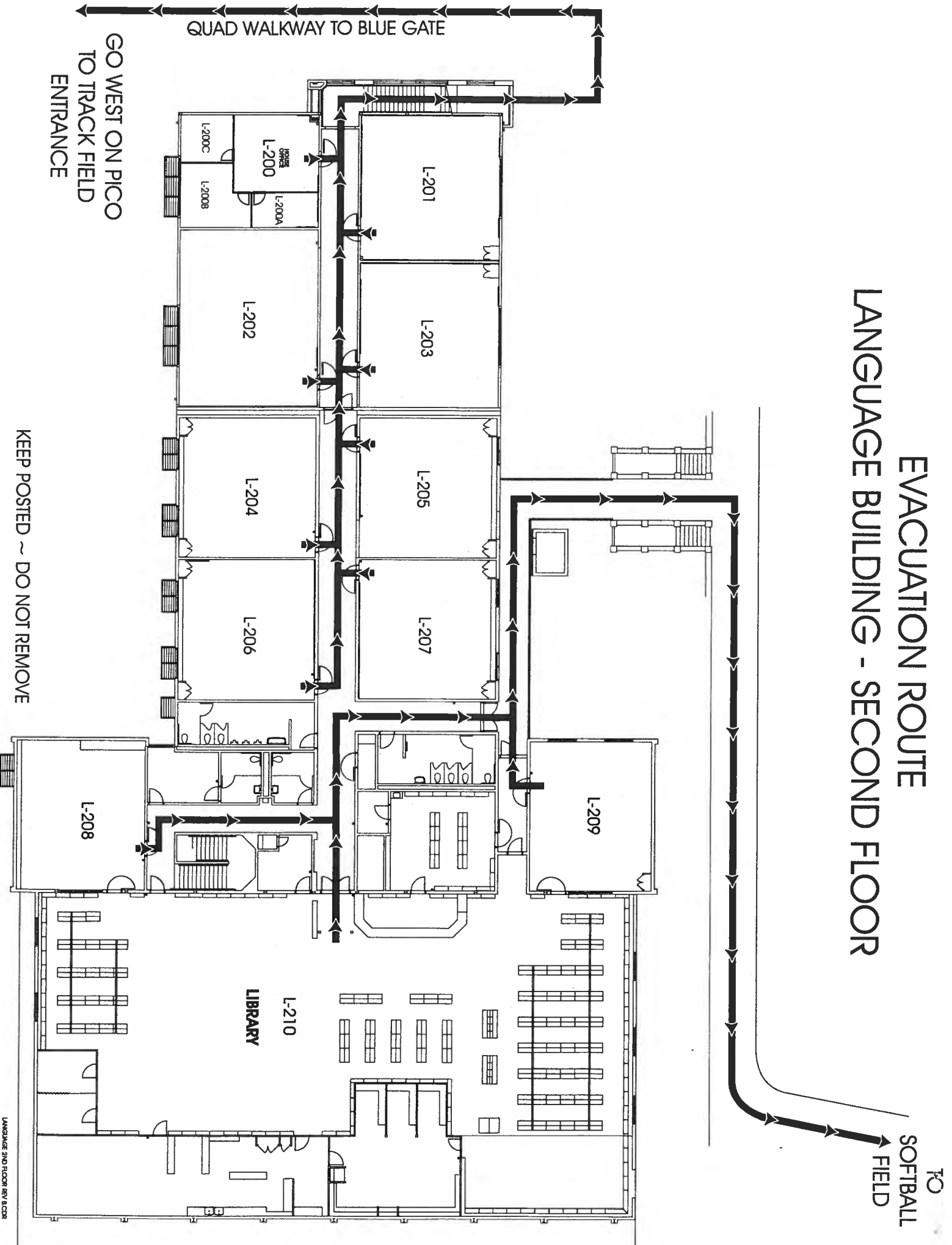
# EVACUATION ROUTE LANGUAGE BUILDING - FIRST FLOOR



GO WEST ON PICO  
TO TRACK FIELD  
ENTRANCE

KEEP POSTED ~ DO NOT REMOVE

# EVACUATION ROUTE LANGUAGE BUILDING - SECOND FLOOR



GO WEST ON PICO  
TO TRACK FIELD  
ENTRANCE

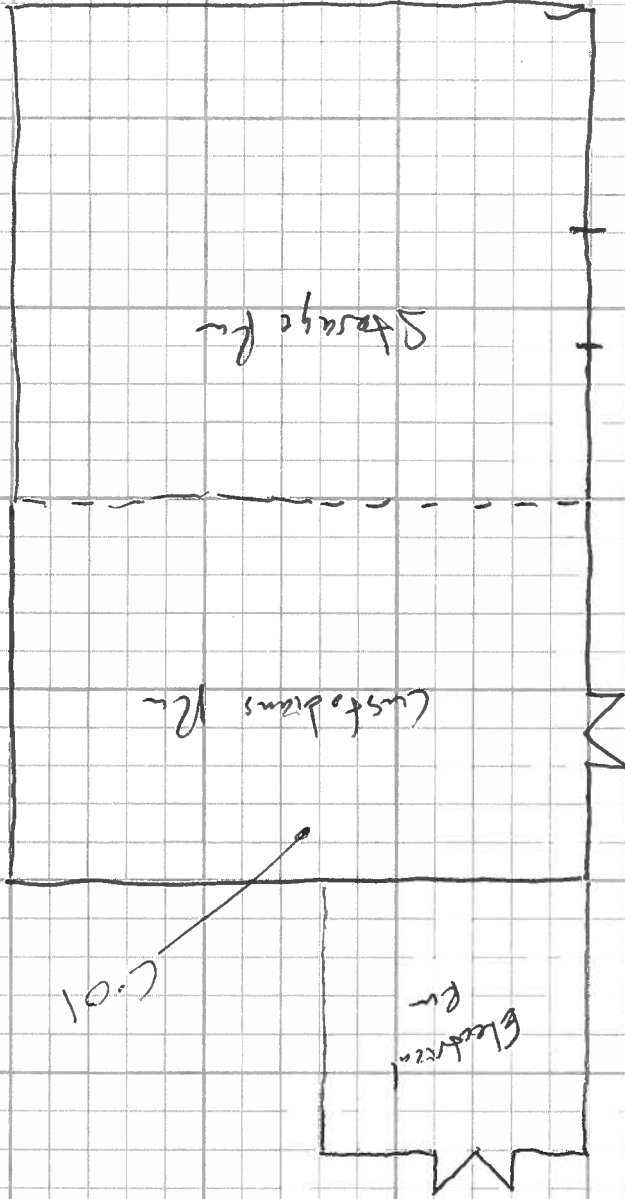
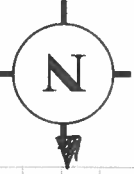
KEEP POSTED ~ DO NOT REMOVE

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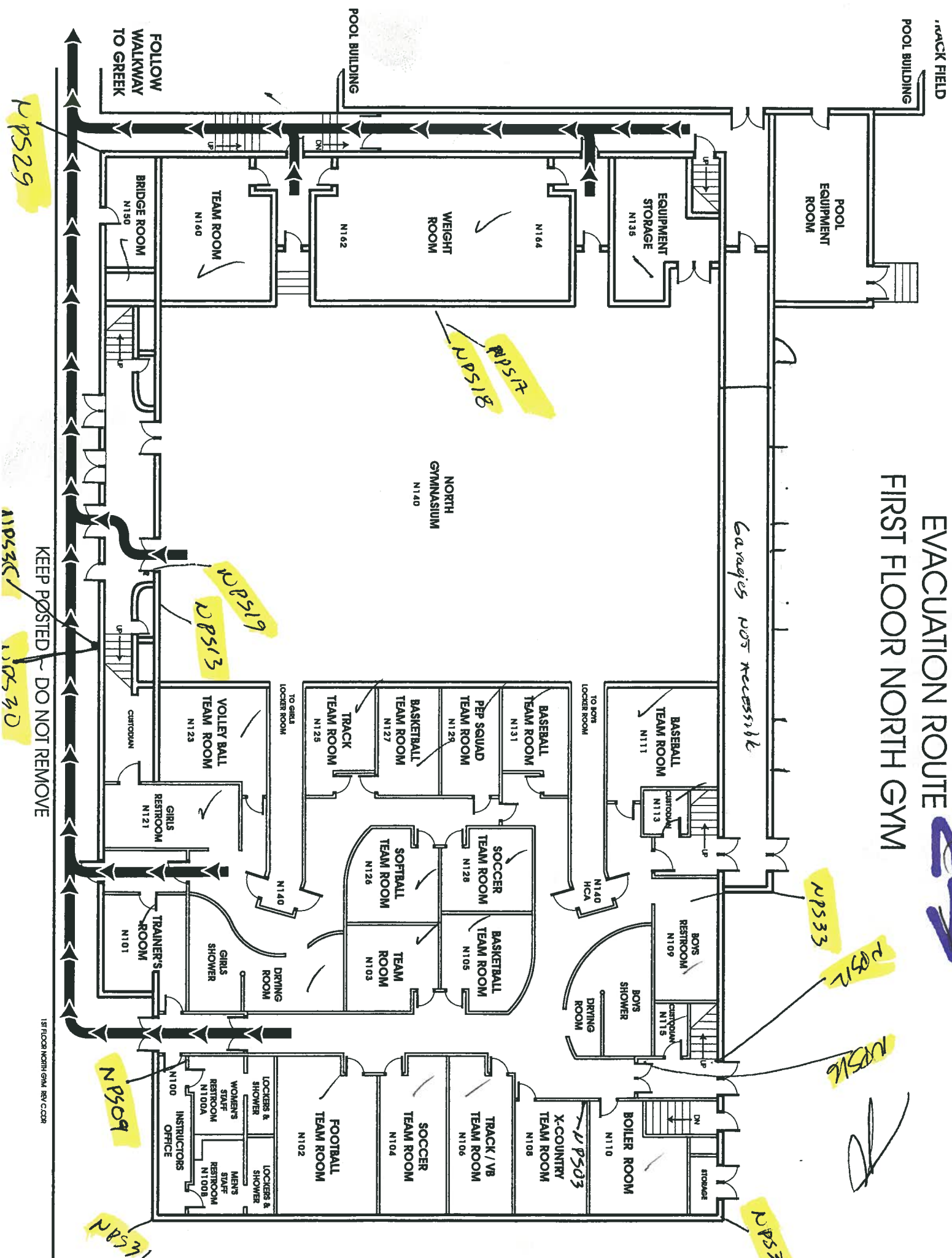
DRAW BY: <i>F. Fournier</i> JOB NO: <i>107-0008</i> JOB NAME: <i>South Mexico High</i>	SKETCH: DATE: <i>1/31/08</i> SCALE: <i>NIS</i>	PAGE 1 OF 1
DESCRIPTION: <i>Area Training (Dow Castle) Bulk Sample Map</i>		

We're merging with  
**coffey**  
 environments  
 A Coffey International  
 Limited Company


**CTL Environmental Services**



# EVACUATION ROUTE FIRST FLOOR NORTH GYM



1ST FLOOR NORTH GYM, REV. C/DB

KEEP POSTED - DO NOT REMOVE

NPS29

NPS17  
NPS18

NPS19  
NPS13

NPS33  
NPS12

NPS16

NPS3

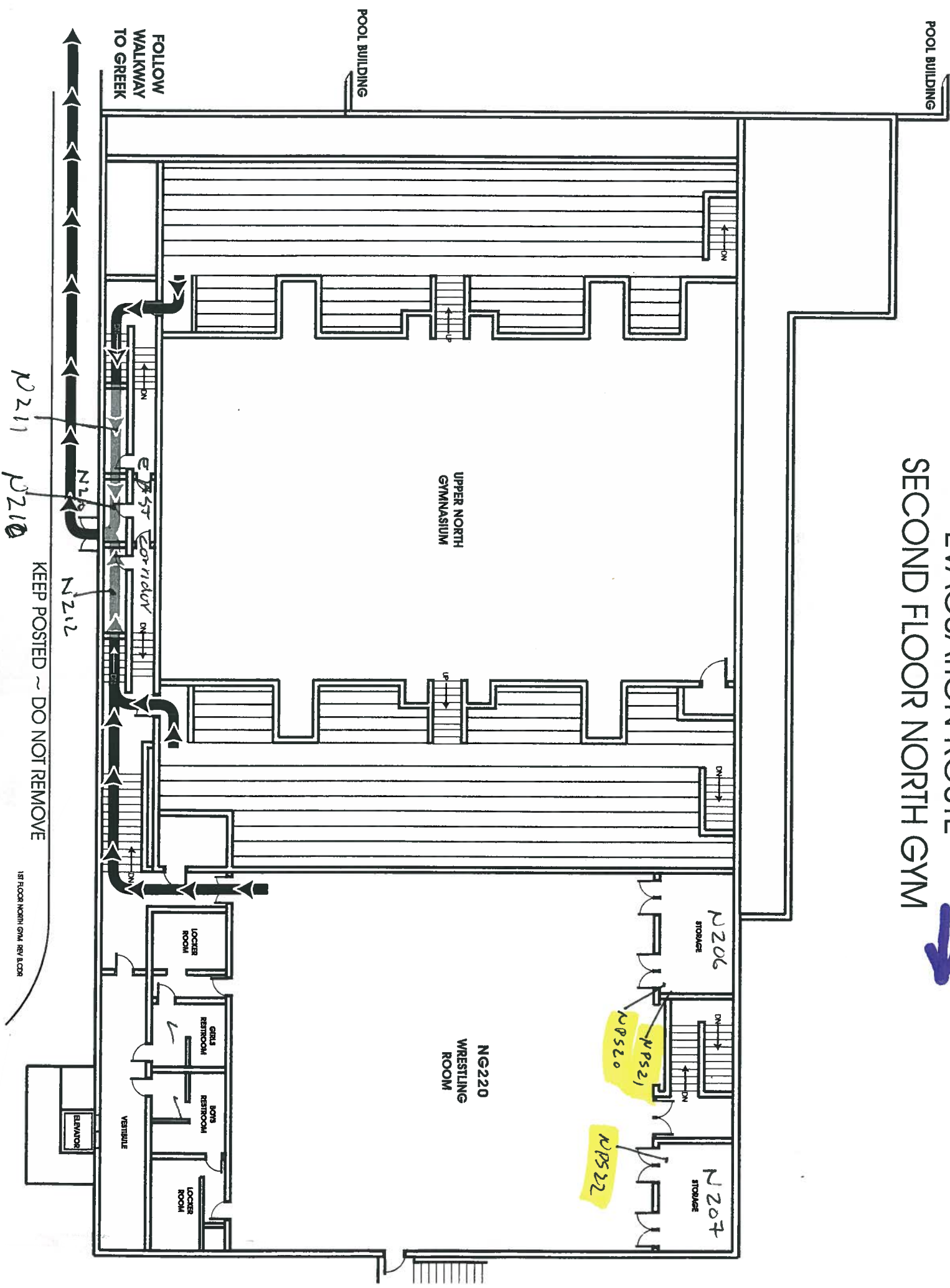
NPS09

NPS1

NPS30  
NPS30



# EVACUATION ROUTE SECOND FLOOR NORTH GYM



POOL BUILDING

POOL BUILDING

FOLLOW WALKWAY TO GREEK

UPPER NORTH GYMNASIUM

WRESTLING ROOM NG220

LOCKER ROOM

GIRLS RESTROOM

BOYS RESTROOM

LOCKER ROOM

VENTILATE

N206 STORAGE

N207 STORAGE

NPS20

NPS21

NPS22

N211

N210

N212

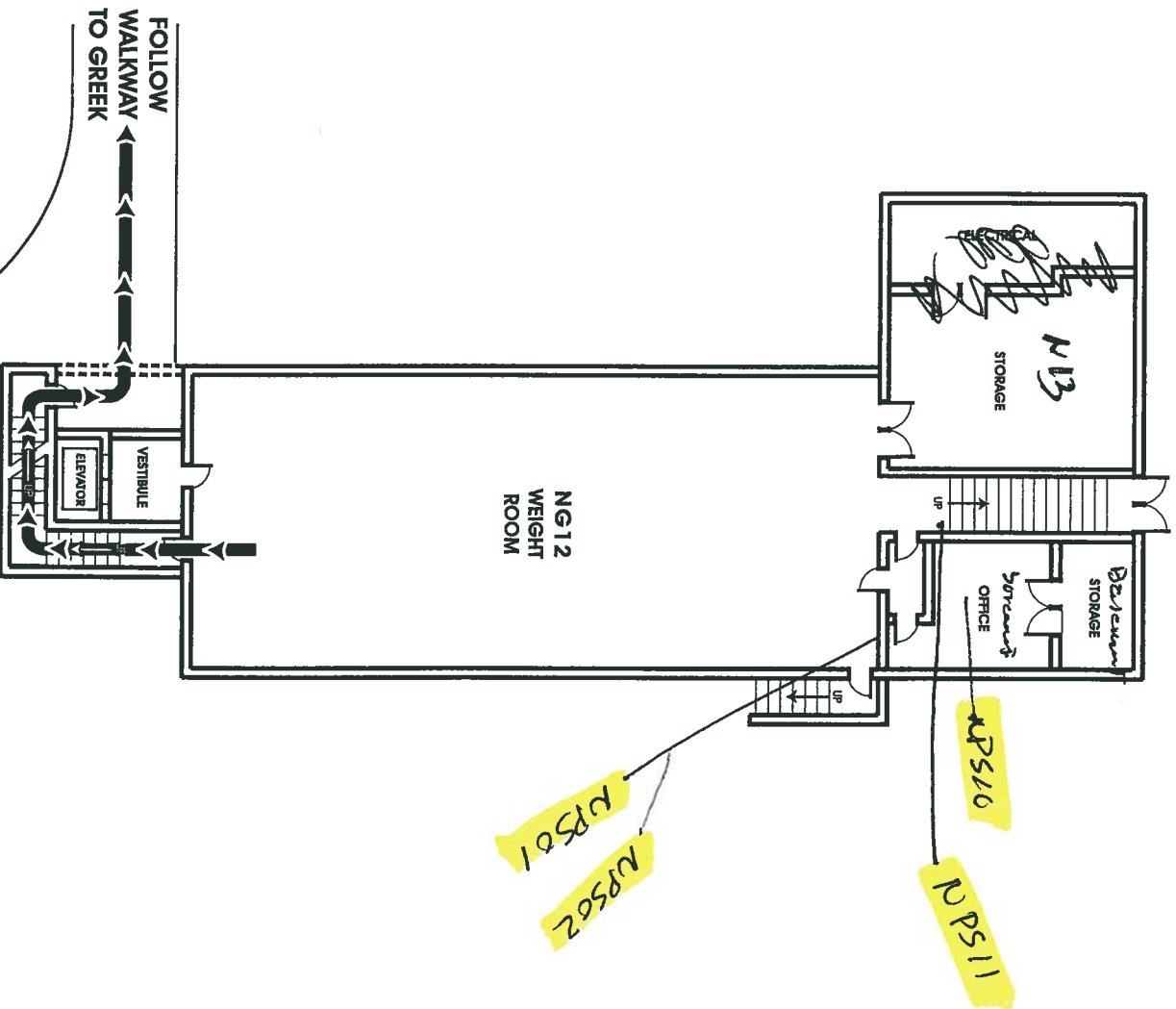
KEEP POSTED ~ DO NOT REMOVE

1ST FLOOR NORTH GYM RE/ACR

ELEVATOR

# EVACUATION ROUTE BASEMENT - NORTH GYM

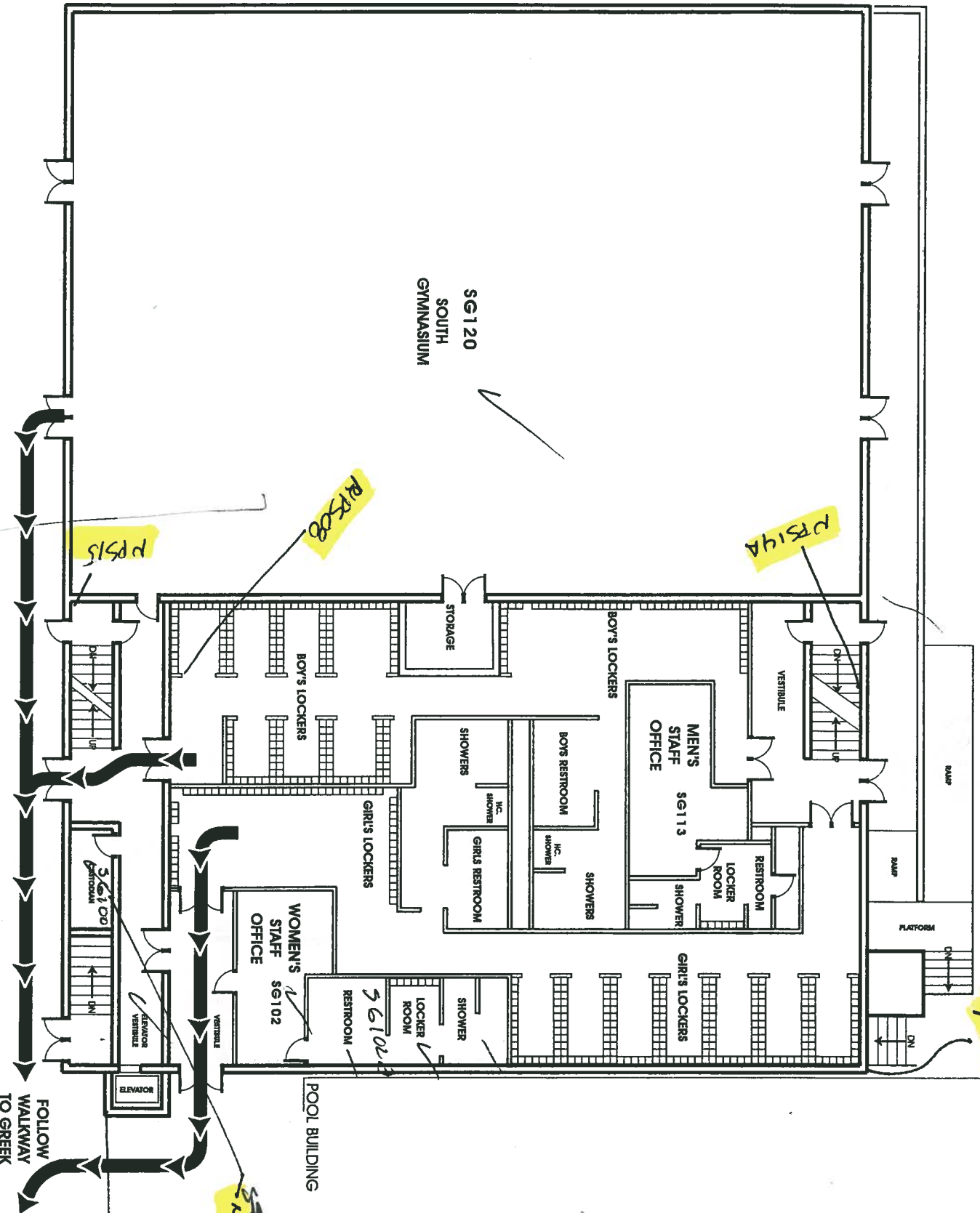
TRACK FIELD



# 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

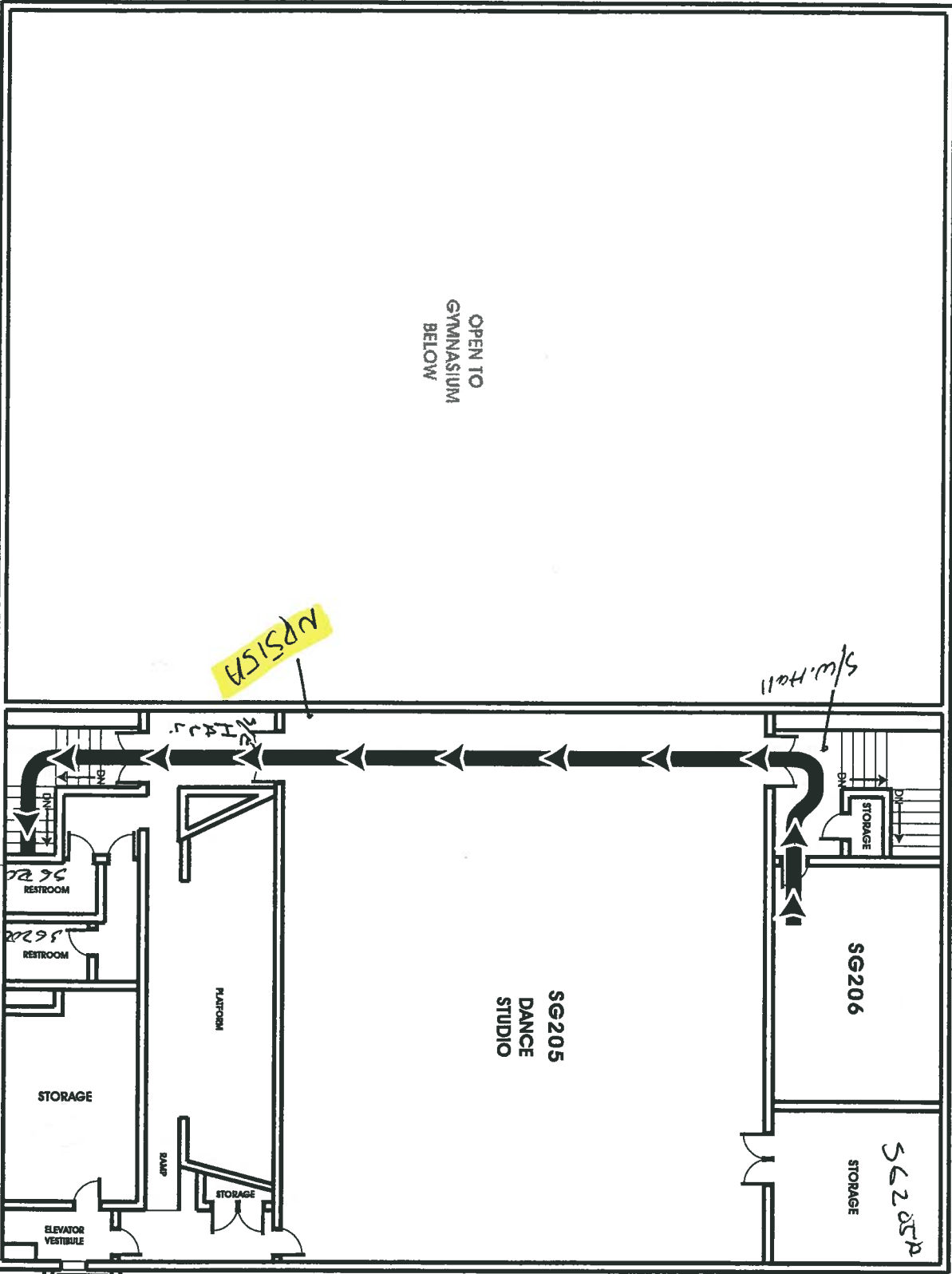
1ST FLOOR SOUTH GYM REV C/D/R

FOLLOW  
WALKWAY  
TO GREEK

# EVACUATION ROUTE SECOND FLOOR SOUTH GYM

TRACK FIELD

POOL BUILDING



OPEN TO  
GYMNASIUM  
BELOW

NPSISA

s/w. Hall

1/2 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

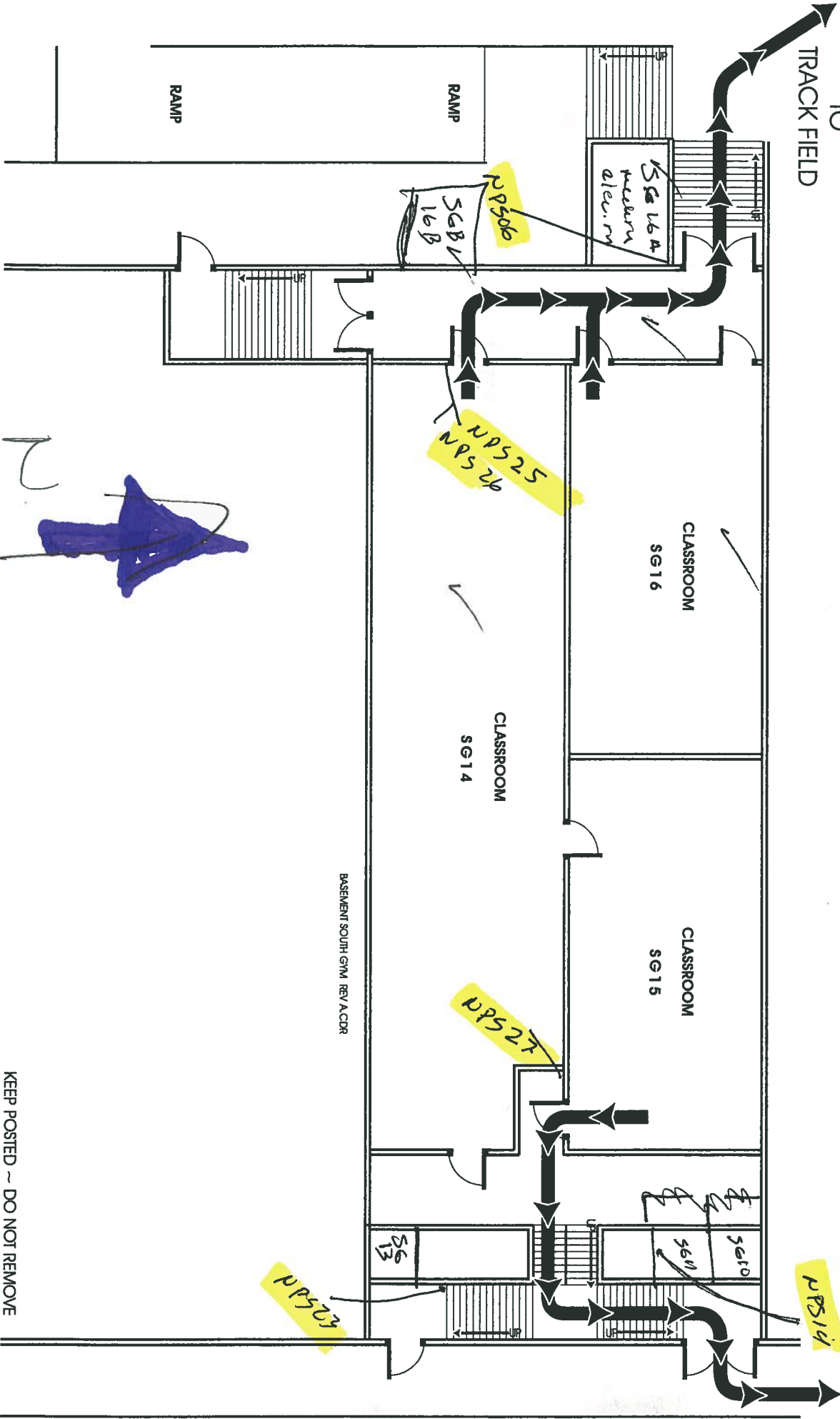




ENTER GATE  
TO  
TRACK FIELD

# EVACUATION ROUTE SOUTH GYM BASEMENT

FOLLOW WALKWAY  
TO GREEK

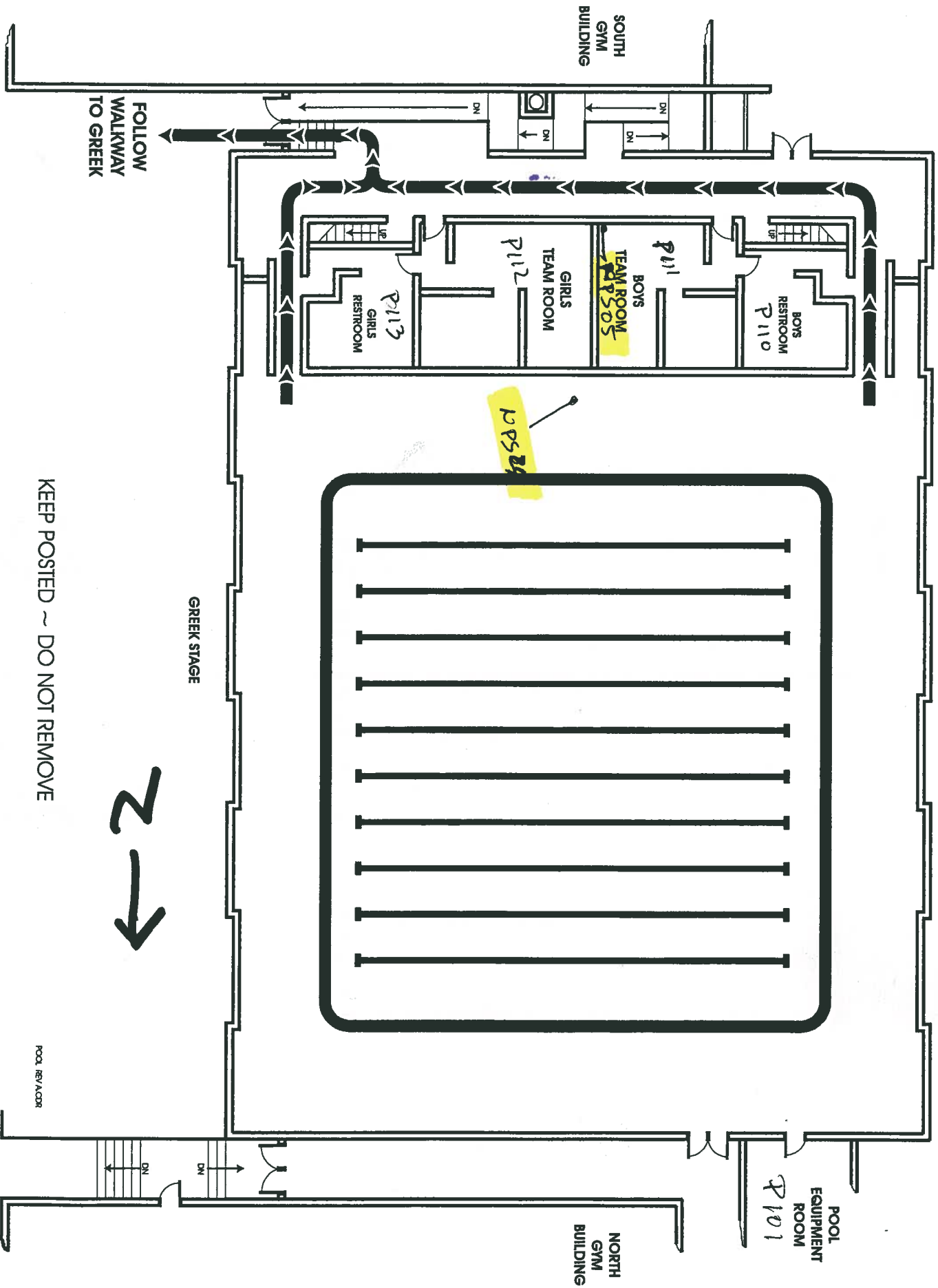


BASEMENT SOUTH GYM REV A/CDR

KEEP POSTED ~ DO NOT REMOVE

# EVACUATION ROUTE POOL BUILDING

TRACK FIELD



KEEP POSTED ~ DO NOT REMOVE



POOL REV/ACDR













**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:*

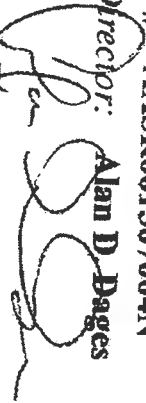
**Asbestos Contractor/Supervisor Refresher Course**

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*

**NATEC INTERNATIONAL**

1100 Technology Circle – Suite A, Anaheim, CA 92805

www.natecintl.com 714/678-2750 800/969-3228 (FAX) 714/678-2757

**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

*Removed*

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	

