



LIMITED ASBESTOS AND LEAD SURVEY

Floor and Paint Project
Roosevelt Elementary School
801 Montana Avenue
Santa Monica, California 90404

Prepared for:

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

Project No.: SMSD-16-6280
Date: October 26, 2016

EXECUTIVE SUMMARY

On September 20, 21 and 22, 2016, Alta Environmental conducted a limited survey for asbestos, and lead in paint for the Floor and Paint Project to be completed at Roosevelt Elementary School located at 801 Montana Avenue, Santa Monica, California. Our Cal/OSHA and California Department of Public Health (CDPH) Certified Professionals conducted the following activities:

- Initial investigation to locate suspect asbestos-containing materials (ACM), and lead in paint;
- Physical assessment of suspect ACM, painted surfaces;
- Collection of bulk samples from suspect ACM, painted surfaces;
- Direct readings of lead painted surfaces with an x-ray fluorescence spectrum analyzer; and
- Laboratory analysis of samples collected.

Asbestos-containing materials (ACMs) were detected in building areas affected by the project. 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 (LBPs) was detected on building areas affected by the project. 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.

Damaged loose and loose and flaky paint (LBP) was noted on the interior of storage room (Kiln) room 504 in Building. The damaged paint should be stabilized as soon as possible.

Lead-containing paints (LCP) were detected in building areas affected by the project. 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.

Coated materials such as ceramics, toilets, sink urinal etc. were not included in our scope of work per District request.

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

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REPORTED: October 26, 2016

PROJECT NO.: SMSD-16-6280

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

ATTENTION: Mr. Chris Emmett

REF: Limited Asbestos and Lead Survey
Floors and Paint Project
Roosevelt Elementary School
801 Montana Avenue
Santa Monica, California 90404

1 INTRODUCTION

On September 20, 21 and 22, 2016, Alta Environmental conducted a limited survey for asbestos, and lead in paint for the Floor and Paint Project to be completed at Roosevelt Elementary School located at 801 Montana Avenue, Santa Monica, California.

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 Anthony Vicente an EPA Accredited Asbestos Building Inspector.

3 SCOPE OF WORK

The limited survey included the following:

- Initial investigation to locate suspect asbestos-containing materials (ACM), and lead in paint;
- Physical assessment of suspect ACM, painted surfaces;
- Collection of bulk samples from suspect ACM, painted surfaces;
- Direct readings of lead painted surfaces with an x-ray fluorescence spectrum analyzer; and
- Laboratory analysis of samples collected.

The following buildings were included in the survey scope of work:

- Building A (Classrooms 28-37 and Library)
- Building B (Classrooms 18-21)
- Building C (Classrooms 9-13)

- Building D (Cafeteria)
- Building E (Classrooms 8-16)
- Building G (Classroom 3-4)
- Building K (Classrooms 5-6)
- Building H (Auditorium)
- Portables 1, 2
- Portable 7
- Portables 38-41
- Portables 22-26

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.

Caution is advised in interpreting results provided herein.

4.2 Lead

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

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

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

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

Paint chip samples were collected to determine the weight percent concentration in the painted surfaces that were analyzed by XRF and reported below the USEPA, HUD or Los Angeles County action levels. 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 Laboratory, located in Signal Hill, California, a laboratory 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:

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Bldg. B (Classrooms 18-21)				
12 inch grey speckled floor tile with black mastic	B1, B2, B3	Room 18,19,20,21	None Detected-tile 1.5% Chrysotile-Mastic (by 1,000 point count)	2,700 sq.ft.
Dark carpet with mastic	B7, B8, B9	Room 20,21	0.97%-1.2% chrysotile (by 1,000 point count)	1,400 sq.ft.
Black mastic	B10, B11, B12	Room 18,19,20,21 in HVAC room	2%-3% chrysotile	200 sq.ft.
Bldg. C (Classrooms 9-13)				
Black residual mastic	C-13, C-14, C-15	Room 12 (under 12 inch grey floor tile), 13,11,10, 9	2% chrysotile	5,000 sq.ft.
Brown sheet vinyl flooring with mastic	C-16, C-17, C-18	Heater closet, 9, 10, 12	None Detected-Flooring 5%-10% Chrysotile-Mastic	100 sq.ft.
Brown floor tile with mastic	C-19, C-20, C-21	Room 302 (under 12 inch light grey floor tile)	10% Chrysotile -tile 8% -10% Chrysotile-mastic	225 sq.ft.
Building D (Cafeteria)				
4 inch black covebase with glue	D-7, D-8, D-9	Room 406, teachers dining room	10% Chrysotile-covebase <1% Chrysotile-glue	110 ln.ft.

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
9 inch brown with dark brown streaks floor tile with mastic	D-13, D-14, D-15	Teachers dining room	15%- 20% Chrysotile- tile, None Detected-Mastic	410 sq.ft.
Building E (Classrooms 8-16)				
9 inch brown floor tile with mastic	E-10, E-11,E-12	Rooms 8,17,14 (under carpet)	10% Chrysotile- Tile 5% Chrysotile- Mastic	3,000 sq.ft.
Black residual mastic	E-13, E-14, E-15	Room 16,15 (under carpet)	8% chrysotile	2,000 sq.ft.
Building G (Rooms 3-4)				
9 inch red tile with black mastic	G-44, G-45, G-46	Principal office closet	8% Chrysotile -tile, 10% Chrysotile - Mastic	16 sq.ft.
Black residual mastic under carpet	G-50, G-51, G-52	Room 3	3%-5% chrysotile	1,000 sq.ft.
Building K (Classrooms 5-6)				
9 inch brown tile with mastic	K-10, K-11, K-12	Room 6 HVAC closet	10% Chrysotile-Tile, 5% Chrysotile- Mastic	50 sq.ft.
Building H (Auditorium)				
Wood flooring	Not sampled	Stage	Assumed ACM, inaccessible for sampling	800 sq.ft.

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, 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 1.0 mg/cm² of surface area by XRF testing or 5,000 parts per million (ppm) by paint chip analysis. However, a more stringent level has been 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/cm² (*Los Angeles County Code, Title 11, Chapter 11.28, Section 11.28.010 C*).

Summary of LBP:

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm ² /PPM)
156	XRF	Stairs	Building A east center stairway and southeast stairway	Green/intact	Metal	0.8 mg/cm ²
157, 182	XRF	Handrail	Building A east center stairway and southeast stairway	Green/intact	Metal	0.8 mg/cm ²
PC-2	PC	Doorcasing	Interior of buildings B, C, D, E, F, G, K	White/intact	Wood	7,500 ppm
161, 057 (9/22/16)	XRF	Wall trim	Interior of buildings B, C, D, E, F, G, K	White/intact	Wood	6.2, 0.8 mg/cm ²
054, 040 (9/22/16)	XRF	Window casing	Interior of buildings B, C, D, E, F, G, K	Green/intact	Wood	0.8, 9.0 mg/cm ²
023, 027, 028, 059, 098, 117, 143, 155 (9/22/16)	XRF	Cabinet	Storage room buildings B, C, D, E, F, G, K (painted in various colors)	White/intact	Wood	1.8 – 9.3 mg/cm ²
171, 179, 041,, 070, 111, 129 (9/22/16)	XRF	Window casing	Exterior buildings B, C, D, E, F, G, K	Green/intact	Wood	1.3, >9.9, 2.7, 4.3 mg/cm ²

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm²/ PPM)
010, 142, 018, 091, 114, 154 (9/22/16)	XRF	Window casing	Interior buildings B, C, D, E, F, G, K	White/intact	Wood	0.8 – 7.7 mg/cm ²
069, 112, 137 (9/22/16)	XRF	Downspout	Buildings B, C, D, E, F, G, K	White/intact	Metal	>9.9, 8.9 mg/cm ²
138 (9/22/16)	XRF	Gutter	Buildings B, C, D, E, F, G, K	White/intact	Metal	9.7
139	XRF	Fascia	Exterior B, C, D, E, F, G, K	White/intact	Wood	8.9
090, 092 (9/22/16)	XRF	Wall	Building E NW Storage (room 504) and janitors closet	White/poor	Plaster	0.8 - 6.6 mg/cm ²
171, 172	XRF	Counter top	Auditorium storage room	Pink/intact	Ceramic	>9.9 mg/cm ²
160, 161, 162, 163, 164, 165, 167, 168, 169, 170, 171, 172, 173, 182, 037 (9/22/16)	XRF	Fascia, post, ceiling, beam, downspout, gutter, flashing	Covered walkways, all on site	White and green/intact	Wood	2.1 - >9.9
126 (9/22/16)	XRF	Wall	Exterior building K	Green/intact	Wood	2.1
156, 157 PC-2	XRF	Door and door casing	Interior doors and door casings B, C, D, E, F, G, K	Green/intact	Wood	1.9, 2,2 7,500 ppm

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.

Summary of LCP

Lead-containing paint was detected during this survey. Refer to Appendix I for a listing of identified lead-containing paints.

Component results are summarized in Appendix D Paint Chip Sample List and Appendix E Analytical Results.

6 CONCLUSIONS AND RECOMMENDATIONS

The limited survey was conducted to identify asbestos in flooring materials such as floor tiles, sheet vinyl's, carpet floors etc. and base coves, and lead in paint in the interiors classrooms (only, no restrooms), and exterior trim in all permanent buildings and portable classroom buildings.

Coated materials such as ceramics, toilets, sink urinal etc. were not included in our scope of work per District request.

No other areas, or buildings were included in the Alta scope of work.

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.

6.1 Asbestos

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

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.

Bulk samples were reported to contain low levels of asbestos, less than 1% (<1%), a gravimetric reduction followed by point count analysis is recommended. 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 are 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. Samples are analyzed following (USEPA) *Determination of Asbestos in Bulk Building Materials: EPA/600/R-93/116, July 1999*". A gravimetric reduction followed by point count analysis was recommended by Alta, the District decided not to complete the analysis at this time.

6.2 Lead

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.

Lead-containing Paints

Lead-containing paints have been identified at the Site. Refer to Section 5 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.

Lead-waste Disposal

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

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
Certified Asbestos Consultant
Cal/OSHA Cert. #95-1799
Lead Inspector/Assessor, Project Monitor
CDPH Cert. #6855

CR:da

Appendix A

Asbestos Field Bulk Sample List

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building A (Classrooms 28-37 and Library)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Yellow adhesive with blue carpet	A-1	None Detected	Room 32 southeast	Rooms 31,32,33,34, 27	5,800 In.ft.	No	No
Yellow adhesive with blue carpet	A-2	None Detected	Room 34 northwest				
Yellow adhesive with blue carpet	A-3	None Detected	Room 27 southwest				
12 inch light grey speckled floor tile with glue	A-4	None Detected	Room 32 southeast	Rooms 31,32,33,34, 103, library room A, elevator cab	1,000 sq.ft.	No	No
12 inch light grey speckled floor tile with glue	A-5	None Detected	Room 34 north center				
12 inch light grey speckled floor tile with glue	A-6	None Detected	Library room 1 southeast				
12 inch light grey speckled floor tile with glue	A-7	None Detected	Elevator north center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building A (Classrooms 28-37 and Library)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4 inch grey covebase with glue	A-8	None Detected	room 32 southeast	Rooms 31,32,33,34	480 ln.ft.	No	No
4 inch grey covebase with glue	A-9	None Detected	room 34 northwest				
4 inch grey covebase with glue	A-10	None Detected	Room 34 north center				
Green adhesive with dark grey carpet	A-11	None Detected	Room 37 northwest	Rooms 35,36,37,30,29,28	6,000	no	no
Green adhesive with dark grey carpet	A-12	None Detected	Room 35 southwest				
Green adhesive with dark grey carpet	A-13	None Detected	Room 28 southeast				
4 inch grey covebase with glue	A-14	None Detected	Room 36 west center	Rooms 35,36,37,30,29,28, library and room A	700 ln.ft.	no	no
4 inch grey covebase with glue	A-15	None Detected	Room 29 northwest				
4 inch grey covebase with glue	A-16	None Detected	Room 28 southwest				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building A (Classrooms 28-37 and Library)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4 inch black covebase with adhesive	A-17	None Detected	Room 30 northwest	Room 30, library, library room B	360 In.ft.	no	no
4 inch black covebase with adhesive	A-18	None Detected	Library southwest				
4 inch black covebase with adhesive	A-19	None Detected	Library room B southwest				
12 inch blue speckled floor tile with glue	A-20	None Detected	Room 27 northwest	Room 27	300 sq.ft.	No	No
12 inch blue speckled floor tile with glue	A-21	None Detected	Room 27 north center				
12 inch blue speckled floor tile with glue	A-22	None Detected	Room 27 northwest				
Adhesive with blue and yellow strips color carpet	A-23	None Detected	Library north center	Library, library room B, room 106,105	2,500 sq.ft.	No	No
Adhesive with blue and yellow strips color carpet	A-24	None Detected	Library northeast				
Adhesive with blue and yellow strips color carpet	A-25	None Detected	Library northwest				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building B (Classrooms 18-21)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12 inch grey speckled floor tile with black mastic	B1	None Detected	Room 18 south center by south exit	Room 18,19,20,21	3,600 sq.ft	No	No
12 inch grey speckled floor tile with black mastic	B2	None Detected-tile 1.5% Chrysotile-Mastic (by 1,000 point count)	Room 19 northeast corner				
12 inch grey speckled floor tile with black mastic	B3	None Detected	Room 20 northeast corner				
4 inch grey covebase with adhesive	B4	ND	Room 15 south center by south exit	Room 18,19,20,21	600 ln.ft.	No	No
4 inch grey covebase with adhesive	B5	ND	Room 14 north center by entrance				
4 inch grey covebase with adhesive	B6	ND	Room 20 northeast corner				
Dark carpet with mastic	B7	0.97% chrysotile (by 1,000 point count)	Room 20 northwest corner	Room 20,21	1,400 sq.ft	No	No
Dark carpet with mastic	B8	None Detected	Room 20 north center				
Dark carpet with mastic	B9	1.2% chrysotile (by 1,000 point count)	Room 21 north center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building B (Classrooms 18-21)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Black mastic	B10	3% chrysotile	Room 20 HVAC room Northeast corner	Room 18,19,20,21	200 sq.ft	No	No
Black mastic	B11	2% chrysotile	Room 19 HVAC room northeast corner				
Black mastic	B12	2% chrysotile	Room 18 HVAC room northeast corner				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building C (Classrooms 9-13)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12 light grey speckled floor tile with glue	C-1	None Detected	Room 13 north center	Room 13,12,11,10,9	4,500 sq.ft.	No	No
12 light grey speckled floor tile with glue	C-2	None Detected	Room 11 east center				
12 light grey speckled floor tile with glue	C-3	None Detected	Room 10 east center				
4 inch grey covebase with glue	C-4	None Detected	Room 13 north center	Room 13,12,11,10, 9	4,500	No	No
4 inch grey covebase with glue	C-5	None Detected	Room 12 east center				
4 inch grey covebase with glue	C-6	None Detected	Room 10 east center				
Self adhesive type black/blue carpet	C-7	None Detected	Room 301 northeast	Room 301	400 sq.ft.	No	No
Self adhesive type black/blue carpet	C-8	None Detected	Room 301 southwest				
Self adhesive type black/blue carpet	C-9	None Detected	Room301 southeast				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building C (Classrooms 9-13)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
6 inch black covebase with adhesive	C-10	None Detected	Room 301 northwest	Room 301	60 ln.ft.	No	No
6 inch black covebase with adhesive	C-11	None Detected	Room 301 southeast				
6 inch black covebase with adhesive	C-12	None Detected	Room 301 southwest				
Black residual mastic	C-13	2% chrysotile	Room 12 east center	Room 12 (under 12 inch grey floor tile), 13,11,10, 9	5,000 sq.ft.	No	No
Black residual mastic	C-14	2% chrysotile	Room 11 by entry to heater closet				
Black residual mastic	C-15	<1% chrysotile	Room 9 center at carpet area				
Brown sheet vinyl flooring with mastic	C-16	None Detected- Flooring 10% Chrysotile- Mastic	Room 12 heat closet center	Heater closet, 9, 10, 12	100 sq.ft.	No	No
Brown sheet vinyl flooring with mastic	C-17	None Detected- Flooring 10% Chrysotile- Mastic	Room 10 heat closet center				
Brown sheet vinyl flooring with mastic	C-18	None Detected-Flooring 5% Chrysotile- Mastic	Room 9 heat closet center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building C (Classrooms 9-13)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Brown floor tile with mastic	C-19	10% Chrysotile -tile 8% Chrysotile- mastic	Room 302 southwest	Room 302 (under 12 inch light grey floor tile)	225 sq.ft.	No	No
Brown floor tile with mastic	C-20	10% Chrysotile -tile 8% Chrysotile- mastic	Room 302 northeast				
Brown floor tile with mastic	C-21	10% chrysotile-tile 10% chrysotile-mastic	Room 302 northwest				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building D (Cafeteria)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12 inch light grey speckled floor tile with glue	D-1	None Detected	Cafeteria south center	Cafeteria, restroom	2,600 sq.ft.	No	No
12 inch light grey speckled floor tile with glue	D-2	None Detected	Cafeteria northeast				
12 inch light grey speckled floor tile with glue (and white leveling)	D-3	None Detected	Restroom northeast				
4 inch grey covebase with glue	D-4	None Detected	Cafeteria southwest	Cafeteria, restroom, kitchen	160 ln.ft.	No	No
4 inch grey covebase with glue	D-5	None Detected	Cafeteria northeast				
4 inch grey covebase with glue	D-6	None Detected	Kitchen southwest				
4 inch black covebase with glue	D-7	None Detected	Teachers dinning room southwest	Room 406, teachers dinning room	110 ln.ft.	No	No
4 inch black covebase with glue	D-8	10% Chrysotile-covebase <1% Chrysotile-glue	Teachers dinnng room southeast				
4 inch black covebase with glue	D-9	None Detected	Teachers dinning room north center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building D (Cafeteria)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
light grey speckled sheet vinyl flooring	D-10	None Detected	Kitchen northwest	Kitchen	60 sq.ft.	No	No
light grey speckled sheet vinyl flooring	D-11	None Detected	Kitchen southeast				
light grey speckled sheet vinyl flooring	D-12	None Detected	Kitchen south center				
9 inch brown with dark brown streaks floor tile with mastic	D-13	20% Chrysotile-tile None Detected-Mastic	Teachers dinning room southwest	Teachers dinning room	410 sq.ft.	No	No
9 inch brown with dark brown streaks floor tile with mastic	D-14	15% Chrysotile-tile None Detected-Mastic	Teachers dinning room southeast				
9 inch brown with dark brown streaks floor tile with mastic	D-15	15% Chrysotile-tile None Detected-Mastic	Teachers dinning room north center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building E (Classrooms 8-16)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4 inch grey covebase with glue	E-1	None Detected	Room 8 northwest	Rooms 8,17,16,15,14	600 ln.ft.	No	No
4 inch grey covebase with glue	E-2	None Detected	Room 17 southwest				
4 inch grey covebase with glue	E-3	None Detected	Room 14 southwest				
12 inch light grey floor tile with glue	E-4	None Detected	Room 8 northeast	Rooms 8,17,16,15,14	3,200 sq.ft.	No	No
12 inch light grey floor tile with glue	E-5	None Detected	Room 15 northeast				
12 inch light grey floor tile with glue	E-6	None Detected	Room 14 south center				
Yellow glue with blue/green carpet	E-7	None Detected	Room 8 center	Room 8,17,16,14	5,000 sq.ft.	No	No
Yellow glue with blue/green carpet	E-8	None Detected	Room 17 center				
Yellow glue with blue/green carpet	E-9	None Detected	room 15 center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building E (Classrooms 8-16)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
9 inch brown floor tile with mastic	E-10	10% Chrysotile- Tile 5% Chrysotile- Mastic	Room 8 center	Rooms 8,17,14 (under carpet)	3,000 sq.ft.	No	No
9 inch brown floor tile with mastic	E-11	8% Chrysotile- Tile 3% Chrysotile- Mastic	Room 17 center				
9 inch brown floor tile with mastic	E-12	8% Chrysotile- Tile 5% Chrysotile- Mastic	Room 14 east center				
Black residual mastic	E-13	8% chrysotile	Room 16 center	Room 16,15 (under carpet)	2,000 sq.ft.	No	No
Black residual mastic	E-14	8% chrysotile	Room 15 northeast				
Black residual mastic	E-15	8% chrysotile	room 15 southwest				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building G (Classrooms 3-4)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Yellow glue for blue carpet	G-22	None Detected	Lounge center	Rooms 3,4, lounge	1,000 sq.ft.	No	No
Yellow glue for blue carpet	G-23	None Detected	Room 3 center				
Yellow glue for blue carpet	G-24	None Detected	Room 4 center				
12 inch light grey speckled floor tile with glue	G-27	None Detected	Lounge northwest	Rooms 3,4, lounge, work room 103, main office, storage room, closet, nurses office, nurses room A	2,900 sq.ft.	No	No
12 inch light grey speckled floor tile with glue	G-28	None Detected	Room 1 northeast				
12 inch light grey speckled floor tile with glue	G-29	None Detected	Room 3 northeast				
4 inch grey covebase with adhesive	G-32	None Detected	Teachers lounge southeast	Building G rooms 3,4, teachers lounge, workroom 103, main office, nurses area, storage	900 ln.ft.	No	No
4 inch grey covebase with adhesive	G-33	None Detected	Building G room 3 North center of east side				
4 inch grey covebase with adhesive	G-34	None Detected	Building G room 4 northeast				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building G (Classrooms 3-4)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4 inch black covebase with adhesive	G-35	None Detected	Psychologist room northeast corner	Psychologist room, assistant principal, principals office	160 ln.ft.	No	No
4 inch black covebase with adhesive	G-36	None Detected	Psychologist room northwest				
4 inch black covebase with adhesive	G-37	None Detected	Psychologist room southwest				
Yellow glue for black carpet	G-38	None Detected	Vice principal office northeast	Principal assistance office, principals office	320 ln.ft.	No	No
Yellow glue for black carpet	G-39	None Detected	Vice principal office northwest				
Yellow glue for black carpet	G-40	None Detected	Principal office center				
12 inch blue with white speckles floor tile and adhesive	G-41	None Detected	Psychologist room northeast	Psychologist room	180 sq.ft.	No	No
12 inch blue with white speckles floor tile and adhesive	G-42	None Detected	Psychologist northwest				
12 inch blue with white speckles floor tile and adhesive	G-43	None Detected	Psychologist southwest				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building G (Classrooms 3-4)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
9 inch red tile with black mastic	G-44	8% Chrysotile - tile 10% Chrysotile - Mastic	Principal office closet northwest	Principal office closet	16 sq.ft.	No	No
9 inch red tile with black mastic	G-45	8% Chrysotile - tile 10% Chrysotile - Mastic	Principal office closet northeast				
9 inch red tile with black mastic	G-46	8% Chrysotile - tile 10% Chrysotile - Mastic	Principal office southeast				
Brown sheet vinyl flooring	G-47	None Detected	Principals office northeast	Principals office	100 sq.ft.	No	No
Brown sheet vinyl flooring	G-48	None Detected	Principal office center				
Brown sheet vinyl flooring	G-49	None Detected	Principal office northwest				
Black residual mastic under carpet	G-50	5% chrysotile	Room 3 north center				
Black residual mastic under carpet	G-51	5% chrysotile	Room 3 west center	Room 3	1,000 sq.ft.	No	No
Black residual mastic under carpet	G-52	3% chrysotile	Room 3 northeast				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building K (Classrooms 5-6)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Yellow adhesive for dark blue carpet	K-1	None Detected	Room 6 north center	Room 6	800 sq.ft.	No	No
Yellow adhesive for dark blue carpet	K-2	None Detected	Room 6 northeast				
Yellow adhesive for dark blue carpet	K-3	None Detected	Room 6 southwest				
6 inch black covebase with glue	K-4	None Detected	Room 6 north center	Room 6	150 ln.ft.	No	No
6 inch black covebase with glue	K-5	None Detected	Room 6 northeast				
6 inch black covebase with glue	K-6	None Detected	Room 6 southwest				
12 inch blue speckled floor tile with yellow glue	K-7	None Detected	Room 6 northwest	Room 6 west end	450 sq.ft.	No	No
12 inch blue speckled floor tile with yellow glue	K-8	None Detected	Room 6 southeast				
12 inch blue speckled floor tile with yellow glue	K-9	None Detected	room 6 northeast				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building K (Classrooms 5-6)

Page 17 of 28

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
9 inch brown tile with mastic	K-10	10% Chrysotile-Floor Tile 5% Chrysotile- Mastic	Room 6 HVAC closet northeast	Room 6 HVAC closet	50 sq.ft.	No	Yes
9 inch brown tile with mastic	K-11	10% Chrysotile-Floor Tile 5% Chrysotile- Mastic	Room 6 HVAC closet northwest				
9 inch brown tile with mastic	K-12	10% Chrysotile-Floor Tile 5% Chrysotile- Mastic	Room 6 HVAC south center				
12 inch light grey speckled floor tile with yellow glue	K-13	None Detected	Room 5 at entry	Room 5	225 sq.ft.	No	No
12 inch light grey speckled floor tile with yellow glue	K-14	None Detected	Room 5 northwest				
12 inch light grey speckled floor tile with yellow glue	K-15	None Detected	room 5 south center				
Yellow glue for blue carpet	K-16	None Detected	Room 5 center				
Yellow glue for blue carpet	K-17	None Detected	Room 5 southeast	Room 5	680 sq.ft.	No	No
Yellow glue for blue carpet	K-18	None Detected	Room 5 southwest				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building K (Classrooms 5-6)

Page 18 of 28

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4 inch grey covebase with glue	K-19	None Detected	Room 5 northeast	Room 5	140 ln.ft.	No	No
4 inch grey covebase with glue	K-20	None Detected	Room 5 northwest				
4 inch grey covebase with glue	K-21	None Detected	Room 5 southwest				

MATERIAL INVENTORY
ASBESTOS SAMPLES

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building H (Auditorium)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12 inch light grey speckled floor tile with adhesive	H-1	None Detected	Lobby room A southeast	Auditorium, lobby, lobby room A, B, storage, Room 1	3,000 sq.ft.	No	No
12 inch light grey speckled floor tile with adhesive	H-2	None Detected	Storage room southwest				
12 inch light grey speckled floor tile with adhesive	H-3	None Detected	Auditorium southwest				
Yellow glue for blue carpet	H-4	None Detected	Room 1 northeast	Room 1, 2	600 sq.ft.	No	No
Yellow glue for blue carpet	H-5	None Detected	Room 1 southwest				
Yellow glue for blue carpet	H-6	None Detected	Room 2 southwest				
4 inch black covebase with glue	H-7	None Detected	Storage northwest	Auditorium, lobby, lobby A, B, Storage, Room1,2	300 ln.ft.	No	No
4 inch black covebase with glue	H-8	None Detected	Lobby southeast				
4 inch black covebase with glue	H-9	None Detected	Auditorium southwest				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Building H (Auditorium)

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Wood flooring	Assumed ACM	Assumed ACM	Non-destructive sampling	Stage	800 sq.ft.	No	No

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Portables Buildings 1,2

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12 inch grey speckled floor tile with grey adhesive	12-1	None Detected	Building 2 by south exit	Building 1 and 2	530 sq.ft.	No	No
12 inch grey speckled floor tile with grey adhesive	12-2	None Detected	Building 1 southwest				
12 inch grey speckled floor tile with grey adhesive	12-3	None Detected	Building 1 north center				
Yellow adhesive and leveling compound on dark grey carpet	12-4	None Detected	Building 2 northeast	Building 1 and 2	1,400 sq.ft.	No	No
Yellow adhesive and leveling compound on dark grey carpet	12-5	None Detected	Building 2 south center				
Yellow adhesive and leveling compound on dark grey carpet	12-6	None Detected	Building 1 west center				
4 inch dark grey covebase with adhesive	12-7	None Detected	Building 2 northeast	Building 1 and 2	300 ln.ft.	No	No
4 inch dark grey covebase with adhesive	12-8	None Detected	Building 2 south center				
4 inch dark grey covebase with adhesive	12-9	None Detected	building 1 northeast				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Portable Building 7

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Yellow adhesive on dark green carpet on wood	7-1	None Detected	West center	Building 7	750 sq.ft.	No	No
Yellow adhesive on dark green carpet on wood	7-2	None Detected	Northwest				
Yellow adhesive on dark green carpet on wood	7-3	None Detected	Southwest				
12 inch grey speckled floor tile with mastic	7-4	None Detected	West center	Building 7	200 sq.ft.	No	No
12 inch grey speckled floor tile with mastic	7-5	None Detected	Northwest				
12 inch grey speckled floor tile with mastic	7-6	None Detected	Southwest				
4 inch grey covebase with adhesive	7-7	None Detected	North center	Building 7	130 ln.ft.	No	No
4 inch grey covebase with adhesive	7-8	None Detected	Northwest				
4 inch grey covebase with adhesive	7-9	None Detected	Northeast				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Portables Buildings 38, 39, 40, 41

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12 inch grey speckled floor tile with yellow mastic on wood	3-1	None Detected	Classroom 38 southwest	Classrooms 38,39,40,41	2,300 sq.ft.	No	No
12 inch grey speckled floor tile with yellow mastic on wood	3-2	None Detected	Classroom 39 northwest				
12 inch grey speckled floor tile with yellow mastic on wood	3-3	None Detected	Classroom 40 southwest				
12 inch grey speckled floor tile with yellow mastic on wood	3-4	None Detected	classroom 41 southwest				
non-skid vinyl flooring on wood	3-5	None Detected	Class 38 southeast on ramp	Classrooms 38,39,40,41	250 sq.ft.	No	No
non-skid vinyl flooring on wood	3-6	None Detected	Classroom 39 northeast on ramp				
non-skid vinyl flooring on wood	3-7	None Detected	Classroom 40 northeast on ramp				
non-skid vinyl flooring on wood	3-8	None Detected	Classroom 41 northeast on ramp				
4 inch dark grey covebase with adhesive	3-9	None Detected	Classroom 38 southwest	Classrooms 38,39	260 ln.ft.	no	no

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Portables Buildings 38, 39, 40, 41

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4 inch dark grey covebase with adhesive	3-10	None Detected	Classroom 38 south center				
4 inch dark grey covebase with adhesive	3-11	None Detected	Classroom 37 northwest				
Yellow adhesive under dark green carpet	3-12	None Detected	Classroom 38 southwest	Classrooms 38,40	1,600 sq.ft.	No	No
Yellow adhesive under dark green carpet	3-13	None Detected	Classroom 38 south center				
Yellow adhesive under dark green carpet	3-14	None Detected	Class 39 northwest				
4 inch black covebase with adhesive	3-15	None Detected	Classroom 40 northwest	Classroom 40	130 ln.ft.	No	No
4 inch black covebase with adhesive	3-16	None Detected	Classroom 40 west center				
4 inch black covebase with adhesive	3-17	None Detected	Classroom 40 southwest				
6 inch black covebase with adhesive	3-18	None Detected	Classroom 41 southwest	Classroom 41	130 ln.ft.	No	No

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Portables Buildings 38, 39, 40, 41

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
6 inch black covebase with adhesive	3-19	None Detected	Classroom 41 south center				
6 inch black covebase with adhesive	3-20	None Detected	Classroom 41 southeast				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Portable Classrooms 26,25,24,23,22

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Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12 inch grey speckled floor tile with yellow mastic	20-1	None Detected	Classroom 22 southeast	Classrooms 26,25,24,23,22	500 sq.ft.	No	No
12 inch grey speckled floor tile with yellow mastic	20-2	None Detected	Classroom 23 southeast				
12 inch grey speckled floor tile with yellow mastic	20-3	None Detected	Classroom 24 southeast				
12 inch grey speckled floor tile with yellow mastic	20-4	None Detected	Classroom 25 southwest				
12 inch grey speckled floor tile with yellow mastic	20-5	None Detected	Classroom 26 southwest				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Portable Classrooms 26,25,24,23,22

Page 27 of 28

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4 inch grey covebase with adhesive	20-6	None Detected	Class 22 southeast	Classrooms 26,25,24,23,24	700 ln.ft.	No	No
4 inch grey covebase with adhesive	20-7	None Detected	Classroom 23 southeast				
4 inch grey covebase with adhesive	20-8	None Detected	Classroom 24 southeast				
4 inch grey covebase with adhesive	20-9	None Detected	Classroom 25 southwest				
4 inch grey covebase with adhesive	20-10	None Detected	Classroom 26 southwest				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt Elementary School, Portable Classrooms 26,25,24,23,22

Page 28 of 28

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Yellow adhesive under dark green carpet	20-11	None Detected	Classroom 22 southeast	Classrooms 26,25,24,23,26	5,000 sq.ft.	No	No
Yellow adhesive under dark green carpet	20-12	None Detected	Classroom 23 southeast				
Yellow adhesive under dark green carpet	20-13	None Detected	Class 24 southeast				
Yellow adhesive under dark green carpet	20-14	None Detected	Classroom 25 southwest				
Yellow adhesive under dark green carpet	20-15	None Detected	Classroom 26 southwest				



Asbestos Field Bulk Sample List

Client: SMMUSD

Project No.: 5M5D 16-6280

Project Name:

Building A (Rm 18-32 f Library)
Roofing /

Technician: Fabian Ruvalcaba

Date: 9-20-16

Page: 1

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
NP		Yellow Adhesive for Blue L-pet	A-1	Rm 32-S/E	Rm 31, 32, 33, 34, 35, 27	5800 sqft	N	N
			2	Rm 34-N/W	Staircase	5	✓	✓
			3	Rm 27-S/W	Staircase	5	✓	✓
		12" Lt. Grey Speckled F.T. w/Blue	4	Staircase Rm 32 N/E S/E	Rm 31, 32, 33, 34, 35, 103, Library Rm A 1000 sqft	N	N	
PC			5	Rm 34-N/C/L	Elevator	4	✓	✓
			6	Library F-1 S/E	↓	4	✓	✓
			7	Elevator Cab - N/C/L	↓	4	✓	✓
		4" Grey L-weather w/Glue	8	Rm 32-S/E	Rm 31, 32, 33, 34, 35	480 mlt	N	N
			9	R-34-N/W	↓	1	✓	✓
			10	Rm 34 N(CT)	↓	1	✓	✓
		Green Adhesive for Grey Carpet	11	Rm 37-N/W	35, 36, 37, 38, 29, 28	6000 sqft	N	N
			12	R-38-S/W	↓	4	✓	✓
			13	R-28-S/E	↓	4	✓	✓
OK. Gray		4" Black L-weather L-weather w/Blue	14	Rm 36-N/C/L	35, 36, 37, 38, 29, 28, Library, Rm A,	700 mlt	N	N
			15	R-29-N/W		1	✓	✓
			16	R-28-S/W		1	✓	✓



Asbestos Field Bulk Sample Log

Client: **JAMMUSD**

Project No.:

Project Name:

Rooseveff.

Technelement: Fabien Ruyalceba

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G/2015

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Homogeneous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	NP	4" Black Coated w/Glue	A- 17	R- 30 - N/W	Bn 30, Library, Library Rm B	860 left	N	N
			18	Library - S/W				
			19	Library R-B - S/W				
			20	R-22 - N/W	A-27	300 soft	N	N
			21	I - N/C/L				
			22	I - N/B				
		Adhesive fur Glue w/Yellow stripes Carpet	23	library N/C/T	Library, Library Rm B, Library	2500 soft	N	N
			24	library N/E	Rm 106, 105			
			25	Library NW				



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba

Project No.: 11-100

Date: 9/20/16

Project Name: Dosone +

Page:

B-110-A-3

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Pms 18-21



Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: _____
 Project Name: Building A C

Technician: Fabian Ruvalcaba *AV*
 Date: 9/20/16
 Page: 1 2

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	12" Lt. Gray F.T. Spackled f. T. w/ Glue	C-1	Rm 13 - 1/4ft	Rm 13, Rm 12, 11, 10, 9	4500 5qt	✓	✓
			2	R-11 - Ext.			✓	✓
			3	R-10 - E, 1/8			✓	✓
		4" Gray Coated w/ Glue	4	R-13 - 1/4ft			✓	✓
			5	R-12 - Ext			✓	✓
			6	R-10 - E/ct.			✓	✓
		Asbestos Adhesive	7	R-301 - 1/4k	Rm 301	400 5qt	✓	✓
		Type - Black w/Blue C-pet	8	1 - S/w	(on ceiling)		✓	✓
			9	2 - S/w			✓	✓
		6" Black Coated w/Adhesive	10	R-301 - 1/4w	Rm 301	60 1/4k	✓	✓
			11	1 - S/E			✓	✓
			12	2 - S/w			✓	✓
29		Black Resid'l Mastic	13	R-12 - Ext	Rm 12 (under 12" Lt. Gray f.T.), 13, 11,	5000 5qt	✓	✓
29			14	R-11 - by Entry to Heat closet.	10, (All under 12" Lt. Gray f.T.) R		✓	✓
(1)u			15	R-10 - Ext at carpet area	(All heat closets) Rm 9 (under Carpet and 12" Lt. Gray) (f.T.)		✓	✓



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba

Project No.: 66

Date: _____

Project Name: Roosevelt Bldg. C

Page: 2 2



Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba

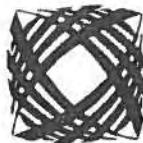
Project No.: _____

Date: 9-19-16

Project Name: Roosevelt E.S. Bldg D (Caterina)

Page: 1

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	12" Lt Grey Speckled F.T. w/ glue	0-1	Caterina - SW	Caterina, FR	2600 sq ft	N	N
			2	↓ - N/E	↓			
		f w/ white Level co-f'd	3	RR - N/E	↓		↓	↓
		4" Grey Coribus w/ Glue	4	Caterina - SW	Caterina, RR, Kitch.	180 in ft	N	N
			5	↓ - N/E	↓		↓	↓
			6	Kitch. - SW	↓		↓	↓
		4" Black Coribus	7	Teachers dining room SW	FR 406, Teachers Dining R,	110 in ft	N	N
1025B60-016	10% - CV (170-6)	w/ Glue	8	↓ SE	↓		↓	↓
	ND		9	↓ N/C/T	↓		↓	↓
		Lt Grey Speckled Street Vinyl Floures	10	Kitch. - NW	Kitchen	800 sq ft	N	N
			11	↓ - S/E	↓		↓	↓
			12	↓ - S/W	↓		↓	↓
	208-T NP-M	9" Brown w/ dk Brown streaks	13	Teachers dining room SW	Teachers Dining R,	410 sq ft	N	N
	152-T NP-M	F.T. w/ glue	14	↓ SE	↓		↓	↓
	157-T NP-M		15	↓ N/C/T	↓		↓	↓



Asbestos Field Bulk Sample List

Client: SMMUSD

Project No.:

Project Name:

Pearceoff Bldg E-1 (PMS 8-16)

Technician: Fabian Ruvalcaba

Date: 9-20-16

Page: 1

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	NP	4" Gray Coated w/Glue	E-1	R-8 - N/W	R-8, 17, 16, 15, 14 (Plaster)	600 sq ft	N	N
			-2	R-17 - S/W				
			3	R-14 - S/W				
		12" Lt. Gray F.T. w/Glue	4	R-8 - N/E	R-8, 17, 16, 15, 14	3200 sq ft	N	N
			5	R-15 - N/E				
			6	R-14 - S/E				
		Yellow, Glittery Glue/Groan Lycet	7	R-8 - C/E	R-8, 17, 16, 15, 14	5000 sq ft	N	N
			8	R-17 - C/E				
			9	R-15 - C/E				
100-T S70-M	9"	Brown L.T.	10	R-8 - C/E	R-8, 17, 14	3000 sq ft	N	N
870-T S70-M	9"	M.C.E	11	R-17 - C/E	(under carpet)			
870-T S70-M	L		12	R-14 - S/C/E				
870	Black Red & 1 M.C.E		13	R-16 - C/E	R-16, 15 (under carpet)	2000 sq ft	N	N
870			14	R-15 - N/E				
870			15	R-15 - S/W				



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ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba

Project No.: 1234567890

Date: 9/19/16

Project Name: *Project Alpha* **Start Date:** *2023-01-01* **End Date:** *2023-12-31*

Page: 1



Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba

Project No.:

Date: 9/19/16

Project Name: Roosevelt

Page: 2

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	↓	6731		↓	↓	↓	↓
	4 1/2 in grey concrete base	32	SE corner of teachers lounge	Bldg Gr rooms 3, 4, team lounge Workroom 103, 1st floor office	Building Gr rooms 3, 4, team lounge Workroom 103, 1st floor office	200 lbs/ft	N	N
		33	Building Gr Room 3 N C/T of E side	↓ Person's Area, Storage			↓	↓
	4 inch black concrete base	34	Building Gr Room 4 NE corner	↓		↓	↓	↓
		35	Building Gr Psychologist room NE corner	Psychologist Room, Principal, Asst Principal	160 lbs/ft	N	N	
		36	NW corner	↓		↓	↓	↓
		37	SW corner	Red color		↓	N	N
Yellow glue for Blue concrete base	Dark blue	38	Building Gr V. Principal office NE	Teacher office Principal, Asst. Principal	320 sqft			
		39	↓ NW	↓		↓		
		40	Building Gr Principal office C/T	↓		↓		
	12x12 Blue with white speckled F/T	41	Building Gr Psychologist room NE corner	Building Gr Psychologist Room	180 sqft	N	N	
		42	NW corner	↓		↓		
		43	SW corner	↓		↓		
8x-T 10x-M	9x9 Red tile with black grout	44	Building Gr Principal office closet NW	Building Gr Principal office closet	18 sqft	N	N	
		45	↓ NE	↓		↓	↓	↓



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Asbestos Field Bulk Sample List

1 / 1 | Page | Last updated: 2023-09-11 10:00:00

Technician: Fabian Ruvalcaba

Project No.: 11

Date: 9/19/16

Project Name: Roosevelt
Blg G -

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ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba

Project No.: _____

Date: 9-19-16

Project Name: Roosevelt E.S. Bldy H (And. funds)

Page: 1 _____ 2 _____



Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba *AV*

Project No.: 0000000000

Date: 9/19/16

Project Name: Roosevelt E.S. - Bldg K

Page: 1 2

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
ND	Yellow	adhesive for DK blue tape under	1	'N C/T Room 6	Bullett Classroom 6 Building K class 6	800 sqft	N	W
	DK Blue	adhesive under	2	NE corner		100 sqft	N	W
			3	SW corner		150 sqft	T	L
		adhesive under Ginch Blue coverage	4	N C/T		150 sqft	N	W
		6" Black Lasticade w/ Glue	5	NE corner		150 sqft	N	W
			6	SW corner		150 sqft	T	L
		12" Blue Speckled F.T. w/ Yellow Glue	7	NW	Building K Room 6 west end	450 sqft	N	W
			8	SE		150 sqft	T	L
			9	NE		150 sqft	T	L
	10-11 5/10-11	9x9 Brown tile w/ mastic	10	Room 6 HVAC closet NE	Room 6 in closet (AAVAC closet)	50 sqft	N	Y
			11	NW				
			12	S C/T				
ND		12" Lt. Gray Speckled F.T. w/ Yellow Glue	13	ft - 5" at back Entry	Room 5	225 sqft	N	W
			14	N/W				
			15	a - N/E				



Asbestos Field Bulk Sample List

Client: SMMUSD
Project No.:
Project Name: Roosevelt E.S. - Bldg K & G

Technician: Fabian Ruvalcaba
Date: 9-19-16
Page: 2

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	NP	yellow glue for Blue Carpet	K- 16	Rm 5 - Ctr	Rm 5	680 sqft	N	N
		w/ Black Residual mortar	17	- S/E			J	J
			18	- S/W			J	J
		4" Easy Carpet w/ Glue	19	- N/R		140 sqft	N	N
			20	- W/W			J	J
			21	- S/W			J	J
		Yellow adhesive for under Blue carpet	22	Teachers lounge C/T	Building Cr Room 3, 4, Teach lounge	1,080 sqft	N	N
			23	Building Cr Room 3 C/T				
			24	Building Cr Room 4 C/T	(C)			
			25					
			26					
		12x12 white culte green speckled F/T	27	New corner of teachers lounge	Building Cr Room 3 & 4, Teach lounge workroom 103, Main office	2,900 sqft	N	N
			28	Building Cr Room 3 N C/T of E side			J	J
			29	Building Cr Room 3 NE corner			J	J
			30				J	J



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Asbestos Field Bulk Sample List

Client: SMMUSD
Project No.: 111-111-1111
Project Name: 111-111-1111

Technician: Fabian Ruvalcaba
Date: 9/20/16
Page: / /



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
Project No.: 150
Project Name: 150

Technician: Fabian Ruvalcaba
Date: 9/20/16
Page: /



Asbestos Field Bulk Sample List

Client: SMMUSD

Project No.:

Project Name:

Technician: Fabian Ruyalcaba

Date: 9/21/16

Page: 1

Roosevelt

Buildings 38, 39, 40, 41

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	12x12 grey speckled F/T	3 - 1	Classroom 38 SW corner	Classroom 38, 39, 40, 41	2,300 sq ft	N	N
		white yellow mastic on wood	2	class 39 NW corner				
			3	class 40 SW corner				
			4	class 41 SW corner				
			5	class 38 SE on ramp		250 sq ft	N	N
		non-skid vinyl Flooring on wood	6	class 39 NE on ramp				
			7	class 40 NE on ramp				
			8	class 41 NE on ramp				
		4inch dark grey cou base w/ fl adhesive	9	class 38 SW corner	Classrooms 38, 39	260 sq ft	N	N
			10	class 38 S/C/T				
			11	class 39 NW corner				
		yellow adhesive under dark	12	class 38 SW corner		1600 sq ft	N	N
		green carpet	13	class 39 N C/T				
			14	class 39 NW corner				



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Asbestos Field Bulk Sample List

Client: SMMUSD
Project No.: 123456789
Project Name: 200 Service

Technician: Fabian Ruyalcaba *✓*
Date: 9/20/15
Page: 2



Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.:
 Project Name: Roosevelt

Technician: Fabian Ruvalcaba
 Date: 9/20/10
 Page: 1

Classrooms 26, 25, 24, 23, 22

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
ND		12x12 grey speckled FT with yellow mastic	20 - 1	Class 22 SE corner	Classrooms 26, 25, 24, 23, 22	500 sq ft	N	N
			2	Class 23 SE corner			1	1
			3	Class 24 SE corner			1	1
			4	Class 25 SW corner				
			5	Class 26 SW corner		or	v	v
		4 inch grey covebase with adhesive	6	Class 22 SE corner		700 linen ft	N	N
			7	Class 23 SE corner			1	1
			8	Class 24 SE corner			1	1
			9	Class 25 SW corner			1	1
			10	Class 26 SW corner			1	1
		Yellow adhesive under dark green carpet	11	Class 22 SE corner		5,000 sq ft	N	N
			12	Class 23 SE corner			1	1
			13	Class 24 SE corner			1	1
			14	Class 25 SW corner			1	1
			15	Class 26 SW corner			1	1

Appendix B

Laboratory Analytical Report: Asbestos



ENVIRONMENTAL
LABORATORIES

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625657

Date Received 09/26/2016
Date Analyzed 09/30/2016
Date Reported 10/03/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building A

PO Number

WO Number

Date Sampled 09/21/2016

Sampled By Fabian Ruvalcaba

Total Samples 41

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625657-001 A-1	Building A Roosevelt E.S. Adhesive, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Organic Binders	5% <1 95%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-002 A-2	Building A Roosevelt E.S. Adhesive, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Organic Binders	20% <1 80%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-003 A-3	Building A Roosevelt E.S. Adhesive, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Organic Binders	20% 2% 78%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-004 A-4A	Building A Roosevelt E.S. 12" Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-005 A-4B	Building A Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	25% 75%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-006 A-5A	Building A Roosevelt E.S. 12" Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected

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



ENVIRONMENTAL
LABORATORIES

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625657

Date Received 09/26/2016
Date Analyzed 09/30/2016
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Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building A

PO Number

WO Number

Date Sampled 09/21/2016

Sampled By Fabian Ruvalcaba

Total Samples 41

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625657-007 A-5B	Building A Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-008 A-6A	Building A Roosevelt E.S. 12" Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-009 A-6B	Building A Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Organic Binders/Filler	<1% <1 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-010 A-7A	Building A Roosevelt E.S. 12" Speckled F.T., White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-011 A-7B	Building A Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Cellulose Fiber Organic Binders	3% 2% 95%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-012 A-8A	Building A Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



ENVIRONMENTAL
LABORATORIES

Alta Environmental
3777 Long Beach Blvd.
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Date Reported 10/03/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building A

PO Number

WO Number

Date Sampled 09/21/2016

Sampled By Fabian Ruvalcaba

Total Samples 41

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625657-013 A-8B	Building A Roosevelt E.S. Glue, White/Dk. Brown, Non-homogeneous	LAYER 1 100%	Fibrous Talc Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-014 A-9A	Building A Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-015 A-9B	Building A Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-016 A-10A	Building A Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-017 A-10B	Building A Roosevelt E.S. Glue, Dk. Brown/White, Non-homogeneous	LAYER 1 100%	Fibrous Talc Vinyl Binder/ Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-018 A-11	Building A Roosevelt E.S. Adhesive for Dark Grey Carpet, Green, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-019 A-12	Building A Roosevelt E.S. Adhesive for Dark Grey Carpet, Green, Homogeneous	LAYER 1 100%	Organic Binders/Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected



ENVIRONMENTAL
LABORATORIES

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

Report Number 1625657

Date Received 09/26/2016

Date Analyzed 09/30/2016

Date Reported 10/03/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building A

PO Number

WO Number

Date Sampled 09/21/2016

Sampled By Fabian Ruvalcaba

Total Samples 41

Test Report						
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625657-020 A-13	Building A Roosevelt E.S. Adhesive for Dark Grey Carpet, Green, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-021 A-14A	Building A Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-022 A-14B	Building A Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-023 A-15A	Building A Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-024 A-15B	Building A Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-025 A-16A	Building A Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-026 A-16B	Building A Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected



ENVIRONMENTAL
LABORATORIES

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625657

Date Received 09/26/2016
Date Analyzed 09/30/2016
Date Reported 10/03/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building A

PO Number

WO Number

Date Sampled 09/21/2016

Sampled By Fabian Ruvalcaba

Total Samples 41

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625657-027 A-17A	Building A Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-028 A-17B	Building A Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-029 A-18A	Building A Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-030 A-18B	Building A Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-031 A-19A	Building A Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-032 A-19B	Building A Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



ENVIRONMENTAL
LABORATORIES

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625657

Date Received 09/26/2016
Date Analyzed 09/30/2016
Date Reported 10/03/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building A

PO Number

WO Number

Date Sampled 09/21/2016

Sampled By Fabian Ruvalcaba

Total Samples 41

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625657-033 A-20A	Building A Roosevelt E.S. 12" Speckled F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-034 A-20B	Building A Roosevelt E.S. Glue, Orange, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-035 A-21A	Building A Roosevelt E.S. 12" Speckled F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-036 A-21B	Building A Roosevelt E.S. Glue, Orange, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-037 A-22A	Building A Roosevelt E.S. 12" Speckled F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625657-038 A-22B	Building A Roosevelt E.S. Glue, Orange, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Alta Environmental
3777 Long Beach Blvd.
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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building A

PO Number

WO Number

Date Sampled 09/21/2016

Sampled By Fabian Ruvalcaba

Total Samples 41

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625657-039 A-23	Building A Roosevelt E.S. Adhesive for Blue w/ Yellow Strips Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-040 A-24	Building A Roosevelt E.S. Adhesive for Blue w/ Yellow Strips Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625657-041 A-25	Building A Roosevelt E.S. Adhesive for Blue w/ Yellow Strips Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected

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

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Lab Code 500044-0



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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building B

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 18

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625658-001 B-1A	Building B Roosevelt E.S. 12x12 Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625658-002 B-1B	Building B Roosevelt E.S. Mastic, Yellow, Homogeneous Note: No black mastic present.	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625658-003 B-2A	Building B Roosevelt E.S. 12x12 Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625658-004 B-2B	Building B Roosevelt E.S. Mastic, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Organic Binders	90% 10%	Chrysotile	<1%
	Asbestos Present: Yes		Total % Non-Asbestos:	100.0%	Total %Asbestos:	<1%
1625658-005 B-3A	Building B Roosevelt E.S. 12x12 Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625658-006 B-3B	Building B Roosevelt E.S. Mastic, Note: No Mastic Present	LAYER 1 100%				



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building B

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 18

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625658-007 B-4A	Building B Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625658-008 B-4B	Building B Roosevelt E.S. Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625658-009 B-5A	Building B Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625658-010 B-5B	Building B Roosevelt E.S. Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625658-011 B-6A	Building B Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625658-012 B-6B	Building B Roosevelt E.S. Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

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Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building B

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 18

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625658-013 B-7	Building B Roosevelt E.S. Dark Carpet (Mastic), Black/ Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Organic Binders	10% 75% 15%	Chrysotile	<1%
	Asbestos Present: Yes			Total % Non-Asbestos:	100.0%	Total %Asbestos: <1%
1625658-014 B-8	Building B Roosevelt E.S. Dark Carpet (Mastic), Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625658-015 B-9	Building B Roosevelt E.S. Dark Carpet (Mastic), Black, Homogeneous	LAYER 1 100%	Bituminous Matrix Organic Binders	90% 10%	Chrysotile	<1%
	Asbestos Present: Yes			Total % Non-Asbestos:	100.0%	Total %Asbestos: <1%
1625658-016 B-10	Building B Roosevelt E.S. Dark Carpet (Mastic), Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	97%	Chrysotile	3%
	Asbestos Present: Yes			Total % Non-Asbestos:	97.0%	Total %Asbestos: 3.0%
1625658-017 B-11	Building B Roosevelt E.S. Dark Carpet (Mastic), Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	98%	Chrysotile	2%
	Asbestos Present: Yes			Total % Non-Asbestos:	98.0%	Total %Asbestos: 2.0%
1625658-018 B-12	Building B Roosevelt E.S. Dark Carpet (Mastic), Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	98%	Chrysotile	2%
	Asbestos Present: Yes			Total % Non-Asbestos:	98.0%	Total %Asbestos: 2.0%



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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building B

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 18

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. 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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Lab Code 500044-0



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Attn.: Cesar Ruvalcaba
Report Number 1625659

Date Received 09/26/2016
Date Analyzed 09/30/2016
Date Reported 10/03/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building C

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 36

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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625659-001 C-1A	Building C Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-002 C-1B	Building C Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-003 C-2A	Building C Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-004 C-2B	Building C Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-005 C-3A	Building C Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-006 C-3B	Building C Roosevelt E.S. Glue/Mastic, Brown/Black, Non- homogeneous	LAYER 1 100%	Bituminous Matrix Organic Binders	80% 20%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building C

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 36

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625659-007 C-4A	Building C Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-008 C-4B	Building C Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-009 C-5A	Building C Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-010 C-5B	Building C Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-011 C-6A	Building C Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-012 C-6B	Building C Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building C

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 36

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625659-013 C-7	Building C Roosevelt E.S. Self Adhesive Type, Brown, Non-homogeneous	LAYER 1 100%	Polystyrene Foam Adhesive Binders	90% 10%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-014 C-8	Building C Roosevelt E.S. Self Adhesive Type, Brown, Non-homogeneous	LAYER 1 100%	Polystyrene Foam Adhesive Binders	80% 20%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-015 C-9	Building C Roosevelt E.S. Self Adhesive Type, Brown, Non-homogeneous	LAYER 1 100%	Polystyrene Foam Adhesive Binders	90% 10%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-016 C-10A	Building C Roosevelt E.S. 6" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-017 C-10B	Building C Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-018 C-11A	Building C Roosevelt E.S. 6" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building C

PO Number

WO Number

Date Sampled 09/20/2016

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Total Samples 36

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625659-019 C-11B	Building C Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625659-020 C-12A	Building C Roosevelt E.S. 6" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625659-021 C-12B	Building C Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625659-022 C-13	Building C Roosevelt E.S. Residual Mastic, Black/Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	5% 93%	Chrysotile	2%
	Asbestos Present: Yes				Total % Non-Asbestos:	98.0% Total %Asbestos: 2.0%
1625659-023 C-14	Building C Roosevelt E.S. Residual Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	10% 88%	Chrysotile	2%
	Asbestos Present: Yes				Total % Non-Asbestos:	98.0% Total %Asbestos: 2.0%
1625659-024 C-15	Building C Roosevelt E.S. Residual Mastic, Black/Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	10% 90%	Chrysotile	<1%
	Asbestos Present: Yes				Total % Non-Asbestos:	100.0% Total %Asbestos: <1%
1625659-025 C-16A	Building C Roosevelt E.S. Sheet Vinyl Flooring, Burgundy/Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Vinyl Binder/ Filler Bituminous Matrix	22% 3% 50% 25%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected



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Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building C

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 36

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625659-026 C-16B	Building C Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	90%	Chrysotile	10%
	Asbestos Present: Yes		Total % Non-Asbestos:	90.0%	Total %Asbestos:	10.0%
1625659-027 C-17A	Building C Roosevelt E.S. Sheet Vinyl Flooring, Burgundy/Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Vinyl Binder/ Filler Bituminous Matrix	22% 3% 50% 25%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-028 C-17B	Building C Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	90%	Chrysotile	10%
	Asbestos Present: Yes		Total % Non-Asbestos:	90.0%	Total %Asbestos:	10.0%
1625659-029 C-18A	Building C Roosevelt E.S. Sheet Vinyl Flooring, Burgundy/Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Vinyl Binder/ Filler Bituminous Matrix	25% 5% 40% 30%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625659-030 C-18B	Building C Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	5% 90%	Chrysotile	5%
	Asbestos Present: Yes		Total % Non-Asbestos:	95.0%	Total %Asbestos:	5.0%
1625659-031 C-19A	Building C Roosevelt E.S. Floor Tile, Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 50%	Chrysotile	10%
	Asbestos Present: Yes		Total % Non-Asbestos:	90.0%	Total %Asbestos:	10.0%
1625659-032 C-19B	Building C Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	92%	Chrysotile	8%
	Asbestos Present: Yes		Total % Non-Asbestos:	92.0%	Total %Asbestos:	8.0%



ENVIRONMENTAL
LABORATORIES

Alta Environmental
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Report Number 1625659

Date Received 09/26/2016
Date Analyzed 09/30/2016
Date Reported 10/03/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building C

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 36

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625659-033 C-20A	Building C Roosevelt E.S. Floor Tile, Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 50%	Chrysotile	10%
	Asbestos Present: Yes			Total % Non-Asbestos:	90.0%	Total %Asbestos: 10.0%
1625659-034 C-20B	Building C Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	92%	Chrysotile	8%
	Asbestos Present: Yes			Total % Non-Asbestos:	92.0%	Total %Asbestos: 8.0%
1625659-035 C-21A	Building C Roosevelt E.S. Floor Tile, Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 50%	Chrysotile	10%
	Asbestos Present: Yes			Total % Non-Asbestos:	90.0%	Total %Asbestos: 10.0%
1625659-036 C-21B	Building C Roosevelt E.S. Floor Tile, Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 50%	Chrysotile	10%
	Asbestos Present: Yes			Total % Non-Asbestos:	90.0%	Total %Asbestos: 10.0%

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.

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Analyst - Cristina Tabatt

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Report Number 1625660

Date Received 09/26/2016
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Date Reported 10/04/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building D

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 31

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625660-001 D-1A	Building D Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-002 D-1B	Building D Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-003 D-2A	Building D Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-004 D-2B	Building D Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-005 D-3A	Building D Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-006 D-3B	Building D Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders Other Non-Fibrous Material	90% 10%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building D

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 31

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625660-007 D-3C	Building D Roosevelt E.S. Leveling Compound, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-008 D-4A	Building D Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-009 D-4B	Building D Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-010 D-5A	Building D Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-011 D-5B	Building D Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625660-012 D-6A	Building D Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building D

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 31

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625660-013 D-6B	Building D Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625660-014 D-7A	Building D Roosevelt E.S. 4" Covebase, Black, Non-homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625660-015 D-7B	Building D Roosevelt E.S. Glue, White, Non-homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625660-016 D-8A	Building D Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Binder/Filler	90%	Chrysotile	10%
	Asbestos Present: Yes				Total % Non-Asbestos:	90.0% Total %Asbestos: 10.0%
1625660-017 D-8B	Building D Roosevelt E.S. Glue, Brown, Homogeneous	LAYER 1 100%	Organic Binders	100%	Chrysotile	<1%
	Asbestos Present: Yes				Total % Non-Asbestos:	100.0% Total %Asbestos: <1%
1625660-018 D-9A	Building D Roosevelt E.S. 4" Covebase, Black, Non-homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625660-019 D-9B	Building D Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected



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Report Number 1625660

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building D

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 31

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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625660-020 D-10A	Building D Roosevelt E.S. Speckled Sheet Vinyl, Lt. Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Vinyl Binder/ Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625660-021 D-10B	Building D Roosevelt E.S. Adhesive, Lt. Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625660-022 D-11A	Building D Roosevelt E.S. Speckled Sheet Vinyl, Lt. Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Vinyl Binder/ Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625660-023 D-11B	Building D Roosevelt E.S. Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625660-024 D-12A	Building D Roosevelt E.S. Speckled Sheet Vinyl, Lt. Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Vinyl Binder/ Filler	<1% 100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625660-025 D-12B	Building D Roosevelt E.S. Adhesive, Beige, Homogeneous	LAYER 1 100%	Organic Binders/Filler		None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625660-026 D-13A	Building D Roosevelt E.S. 9" F.T., Brown, Homogeneous	LAYER 1 100%	Chrysotile Calcium Carbonate Vinyl Binder	25% 55%	20%	
	Asbestos Present: Yes			Total % Non-Asbestos:	80.0%	Total %Asbestos: 20.0%



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Report Number 1625660

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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.

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Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building D

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 31

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625660-027 D-13B	Building D Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625660-028 D-14A	Building D Roosevelt E.S. 9" F.T., Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 55%	Chrysotile	15%
	Asbestos Present: Yes				Total % Non-Asbestos:	85.0% Total %Asbestos: 15.0%
1625660-029 D-14B	Building D Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625660-030 D-15A	Building D Roosevelt E.S. 9" F.T., Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 55%	Chrysotile	15%
	Asbestos Present: Yes				Total % Non-Asbestos:	85.0% Total %Asbestos: 15.0%
1625660-031 D-15B	Building D Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. 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

NVLAP
Lab Code 500044-0



ENVIRONMENTAL
LABORATORIES

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Report Number 1625661

Date Received 09/26/2016
Date Analyzed 10/04/2016
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Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building E

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 24

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625661-001 E-1A	Building E Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625661-002 E-1B	Building E Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625661-003 E-2A	Building E Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625661-004 E-2B	Building E Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625661-005 E-3A	Building E Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625661-006 E-3B	Building E Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected



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Report Number 1625661

Date Received 09/26/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building E

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 24

Test Report						
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625661-007 E-4A	Building E Roosevelt E.S. 12" F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625661-008 E-4B	Building E Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625661-009 E-5A	Building E Roosevelt E.S. 12" F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625661-010 E-5B	Building E Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625661-011 E-6A	Building E Roosevelt E.S. 12" F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625661-012 E-6B	Building E Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building E

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 24

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625661-013 E-7	Building E Roosevelt E.S. Glue for Blue/Green Carpet, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625661-014 E-8	Building E Roosevelt E.S. Glue for Blue/Green Carpet, Lt. Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625661-015 E-9	Building E Roosevelt E.S. Glue for Blue/Green Carpet, Lt. Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625661-016 E-10A	Building E Roosevelt E.S. 9" F.T., Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 60%	Chrysotile	10%
	Asbestos Present: Yes		Total % Non-Asbestos:	90.0%	Total %Asbestos:	10.0%
1625661-017 E-10B	Building E Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	95%	Chrysotile	5%
	Asbestos Present: Yes		Total % Non-Asbestos:	95.0%	Total %Asbestos:	5.0%
1625661-018 E-11A	Building E Roosevelt E.S. 9" F.T., Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%
	Asbestos Present: Yes		Total % Non-Asbestos:	92.0%	Total %Asbestos:	8.0%
1625661-019 E-11B	Building E Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	97%	Chrysotile	3%
	Asbestos Present: Yes		Total % Non-Asbestos:	97.0%	Total %Asbestos:	3.0%



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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building E

PO Number

WO Number

Date Sampled 09/20/2016

Sampled By Fabian Ruvalcaba

Total Samples 24

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625661-020 E-12A	Building E Roosevelt E.S. 9" F.T., Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%
	Asbestos Present: Yes			Total % Non-Asbestos:	92.0%	Total %Asbestos: 8.0%
1625661-021 E-12B	Building E Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	95%	Chrysotile	5%
	Asbestos Present: Yes			Total % Non-Asbestos:	95.0%	Total %Asbestos: 5.0%
1625661-022 E-13	Building E Roosevelt E.S. Residual Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	92%	Chrysotile	8%
	Asbestos Present: Yes			Total % Non-Asbestos:	92.0%	Total %Asbestos: 8.0%
1625661-023 E-14	Building E Roosevelt E.S. Residual Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	92%	Chrysotile	8%
	Asbestos Present: Yes			Total % Non-Asbestos:	92.0%	Total %Asbestos: 8.0%
1625661-024 E-15	Building E Roosevelt E.S. Residual Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	92%	Chrysotile	8%
	Asbestos Present: Yes			Total % Non-Asbestos:	92.0%	Total %Asbestos: 8.0%

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 E Tabatt

Analyst - Cristina Tabatt

Cristina E Tabatt

Approved Signatory Cristina E. Tabatt

NVLAP[®]
Lab Code 500044-0



ENVIRONMENTAL
LABORATORIES

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Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625662

Date Received 09/26/2016
Date Analyzed 10/04/2016
Date Reported 10/04/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building G

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 45

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625662-001 G-22	Building G Roosevelt E.S. Glue with Blue Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-002 G-23	Building G Roosevelt E.S. Glue with Blue Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-003 G-24	Building G Roosevelt E.S. Glue with Blue Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Cellulose Fiber Organic Binders/Filler	<1% <1 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-004 G-27A	Building G Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-005 G-27B	Building G Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-006 G-28A	Building G Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building G

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 45

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625662-007 G-28B	Building G Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-008 G-29A	Building G Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-009 G-29B	Building G Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-010 G-32A	Building G Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	25% 75%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-011 G-32B	Building G Roosevelt E.S. Glue, Lt. Gray, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-012 G-33A	Building G Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	25% 75%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building G

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 45

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625662-013 G-33B	Building G Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-014 G-34A	Building G Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	25% 75%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-015 G-34B	Building G Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-016 G-35A	Building G Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-017 G-35B	Building G Roosevelt E.S. Glue, Beige, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-018 G-36A	Building G Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building G

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 45

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625662-019 G-36B	Building G Roosevelt E.S. Glue, Beige, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-020 G-37A	Building G Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-021 G-37B	Building G Roosevelt E.S. Glue, Beige, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-022 G-38	Building G Roosevelt E.S. Glue for Blue Carpet, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-023 G-39	Building G Roosevelt E.S. Glue for Blue Carpet, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-024 G-40	Building G Roosevelt E.S. Glue for Blue Carpet, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building G

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 45

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625662-025 G-41A	Building G Roosevelt E.S. 12x12 Speckled F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-026 G-41B	Building G Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-027 G-42A	Building G Roosevelt E.S. 12x12 Speckled F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-028 G-42B	Building G Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-029 G-43A	Building G Roosevelt E.S. 12x12 Speckled F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-030 G-43B	Building G Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building G

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 45

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625662-031 G-44A	Building G Roosevelt E.S. 9x9 Tile, Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%
	Asbestos Present: Yes			Total % Non-Asbestos:	92.0%	Total %Asbestos: 8.0%
1625662-032 G-44B	Building G Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	90%	Chrysotile	10%
	Asbestos Present: Yes			Total % Non-Asbestos:	90.0%	Total %Asbestos: 10.0%
1625662-033 G-45A	Building G Roosevelt E.S. 9x9 Tile, Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%
	Asbestos Present: Yes			Total % Non-Asbestos:	92.0%	Total %Asbestos: 8.0%
1625662-034 G-45B	Building G Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	90%	Chrysotile	10%
	Asbestos Present: Yes			Total % Non-Asbestos:	90.0%	Total %Asbestos: 10.0%
1625662-035 G-46A	Building G Roosevelt E.S. 9x9 Tile, Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%
	Asbestos Present: Yes			Total % Non-Asbestos:	92.0%	Total %Asbestos: 8.0%
1625662-036 G-46B	Building G Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	90%	Chrysotile	10%
	Asbestos Present: Yes			Total % Non-Asbestos:	90.0%	Total %Asbestos: 10.0%
1625662-037 G-47A	Building G Roosevelt E.S. Sheet Vinyl Flooring, Dk. Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Vinyl Binder/ Filler	30% 70%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected



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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building G

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 45

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625662-038 G-47B	Building G Roosevelt E.S. Adhesive (on surface), Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-039 G-48A	Building G Roosevelt E.S. Sheet Vinyl Flooring, Dk. Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Vinyl Binder/ Filler	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-040 G-48B	Building G Roosevelt E.S. Adhesive (on surface), Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-041 G-49A	Building G Roosevelt E.S. Sheet Vinyl Flooring, Dk. Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Vinyl Binder/ Filler	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-042 G-49B	Building G Roosevelt E.S. Adhesive (on surface), Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625662-043 G-50	Building G Roosevelt E.S. Residual Mastic under Carpet, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Organic Binders/Filler	75% 20%	Chrysotile	5%
	Asbestos Present: Yes		Total % Non-Asbestos:	95.0%	Total %Asbestos:	5.0%
1625662-044 G-51	Building G Roosevelt E.S. Residual Mastic under Carpet, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Organic Binders/Filler	75% 20%	Chrysotile	5%
	Asbestos Present: Yes		Total % Non-Asbestos:	95.0%	Total %Asbestos:	5.0%



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building G

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 45

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625662-045 G-52	Building G Roosevelt E.S. Residual Mastic under Carpet, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Organic Binders/Filler	70% 27%	Chrysotile	3%
Asbestos Present: Yes			Total % Non-Asbestos:		97.0% Total %Asbestos:	3.0%

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

NVLAP
Lab Code 500044-0



ENVIRONMENTAL
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Attn.: Cesar Ruvalcaba
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Date Received 09/26/2016
Date Analyzed 10/04/2016
Date Reported 10/07/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building H

PO Number

WO Number

Date Sampled 09/26/2016

Sampled By Fabian Ruvalcaba

Total Samples 16

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Tel: 562-206-2770
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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625663-001 H-1A	Building H Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-002 H-1B	Building H Roosevelt E.S. Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-003 H-2A	Building H Roosevelt E.S. Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-004 H-2B	Building H Roosevelt E.S. Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-005 H-3A	Building H Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-006 H-3B	Building H Roosevelt E.S. Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building H

PO Number

WO Number

Date Sampled 09/26/2016

Sampled By Fabian Ruvalcaba

Total Samples 16

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625663-007 H-4	Building H Roosevelt E.S. Glue for Blue Carpet, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-008 H-5	Building H Roosevelt E.S. Glue for Blue Carpet, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-009 H-6	Building H Roosevelt E.S. Glue for Blue Carpet, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler5	2% 98%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-010 H-7A	Building H Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-011 H-7B	Building H Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-012 H-8A	Building H Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-013 H-8B	Building H Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building H

PO Number

WO Number

Date Sampled 09/26/2016

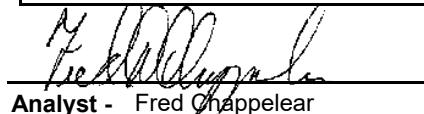
Sampled By Fabian Ruvalcaba

Total Samples 16

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625663-014 H-9A	Building H Roosevelt E.S. 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-015 H-9B	Building H Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625663-016 Aud	Building H Roosevelt E.S. Wood Flooring, Note: Sample Not Submitted	LAYER 1 100%				

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 Chapple


Approved Signatory Cristina E. Tabatt


NVLAP
Lab Code 500044-0



ENVIRONMENTAL
LABORATORIES

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

Report Number 1625664

Date Received 09/26/2016

Date Analyzed 10/04/2016

Date Reported 10/04/2016

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.

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building K

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 36

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625664-001 K-1	Building K Roosevelt E.S. Adhesive for Dark Blue Carpet, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-002 K-2	Building K Roosevelt E.S. Adhesive for Dark Blue Carpet, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-003 K-3	Building K Roosevelt E.S. Adhesive for Dark Blue Carpet, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-004 K-4A	Building K Roosevelt E.S. 6" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-005 K-4B	Building K Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-006 K-5A	Building K Roosevelt E.S. 6" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building K

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Total Samples 36

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625664-007 K-5B	Building K Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-008 K-6A	Building K Roosevelt E.S. 6" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-009 K-6B	Building K Roosevelt E.S. Glue, White, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-010 K-7A	Building K Roosevelt E.S. 12" Speckled F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-011 K-7B	Building K Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-012 K-8A	Building K Roosevelt E.S. 12" Speckled F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Location Roosevelt E.S. - Building K

PO Number

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Date Sampled 09/19/2016

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Total Samples 36

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625664-013 K-8B	Building K Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625664-014 K-9A	Building K Roosevelt E.S. 12" Speckled F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625664-015 K-9B	Building K Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625664-016 K-10A	Building K Roosevelt E.S. 9x9 Tile, Brown, Homogeneous	LAYER 1 100%	Chrysotile Calcium Carbonate Vinyl Binder/ Filler	10% 50% 40%	Chrysotile	10%
	Asbestos Present: Yes				Total % Non-Asbestos:	90.0% Total %Asbestos: 10.0%
1625664-017 K-10B	Building K Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Chrysotile Bituminous Matrix/Filler	5% 95%	Chrysotile	5%
	Asbestos Present: Yes				Total % Non-Asbestos:	95.0% Total %Asbestos: 5.0%
1625664-018 K-11A	Building K Roosevelt E.S. 9x9 Tile, Brown, Homogeneous	LAYER 1 100%	Chrysotile Calcium Carbonate Vinyl Binder/ Filler	10% 50% 40%	Chrysotile	10%
	Asbestos Present: Yes				Total % Non-Asbestos:	90.0% Total %Asbestos: 10.0%
1625664-019 K-11B	Building K Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Chrysotile Bituminous Matrix/Filler	5% 95%	Chrysotile	5%
	Asbestos Present: Yes				Total % Non-Asbestos:	95.0% Total %Asbestos: 5.0%



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Project Number SMSD-16-6283

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Location Roosevelt E.S. - Building K

PO Number

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Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 36

1508 East 33rd Street
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Tel: 562-206-2770
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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625664-020 K-12A	Building K Roosevelt E.S. 9x9 Tile, Brown, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	50% 40%	Chrysotile	10%
	Asbestos Present: Yes			Total % Non-Asbestos:	90.0%	Total %Asbestos: 10.0%
1625664-021 K-12B	Building K Roosevelt E.S. Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	95%	Chrysotile	5%
	Asbestos Present: Yes			Total % Non-Asbestos:	95.0%	Total %Asbestos: 5.0%
1625664-022 K-13A	Building K Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625664-023 K-13B	Building K Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625664-024 K-14A	Building K Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625664-025 K-14B	Building K Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected



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Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building K

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 36

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625664-026 K-15A	Building K Roosevelt E.S. 12" Speckled F.T., Lt. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-027 K-15B	Building K Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-028 K-16	Building K Roosevelt E.S. Glue for Blue Carpet, Yellow/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Material Adhesive Binders/Filler	<1% <1 5% 95%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-029 K-17	Building K Roosevelt E.S. Glue for Blue Carpet, Yellow/Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Material Adhesive Binders/Filler	<1% <1 5% 95%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-030 K-18	Building K Roosevelt E.S. Glue for Blue Carpet, Yellow/Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Cellulose Fiber Bituminous Material Adhesive Binders/Filler	3% <1 5% 92%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building K

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

Total Samples 36

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

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625664-031 K-19A	Building K Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	40% 60%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-032 K-19B	Building K Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-033 K-20A	Building K Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	40% 60%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-034 K-20B	Building K Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-035 K-21A	Building K Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	40% 60%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625664-036 K-21B	Building K Roosevelt E.S. Glue, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building K

PO Number

WO Number

Date Sampled 09/19/2016

Sampled By Fabian Ruvalcaba

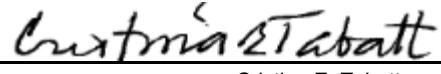
Total Samples 36

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. 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 Chappelear


Approved Signatory Cristina E. Tabatt


Lab Code 500044-0



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Buildings 1 & 2

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 18

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

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625665-001 12-1A	Buildings 1 & 2 Roosevelt E.S. 12x12 Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-002 12-1B	Buildings 1 & 2 Roosevelt E.S. Adhesive/Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Adhesive Binders Other Non-Fibrous Material	30% 70%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-003 12-2A	Buildings 1 & 2 Roosevelt E.S. 12x12 Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-004 12-2B	Buildings 1 & 2 Roosevelt E.S. Adhesive, Gray, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-005 12-3A	Buildings 1 & 2 Roosevelt E.S. 12x12 Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-006 12-3B	Buildings 1 & 2 Roosevelt E.S. Adhesive, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Total Samples 18

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625665-007 12-4A	Buildings 1 & 2 Roosevelt E.S. Adhesive, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-008 12-4B	Buildings 1 & 2 Roosevelt E.S. Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-009 12-5A	Buildings 1 & 2 Roosevelt E.S. Adhesive, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-010 12-5B	Buildings 1 & 2 Roosevelt E.S. Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-011 12-6A	Buildings 1 & 2 Roosevelt E.S. Adhesive, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-012 12-6B	Buildings 1 & 2 Roosevelt E.S. Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Project Name Roosevelt E.S.

Location Roosevelt E.S. - Buildings 1 & 2

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Total Samples 18

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625665-013 12-7A	Buildings 1 & 2 Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-014 12-7B	Buildings 1 & 2 Roosevelt E.S. Adhesive, White, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-015 12-8A	Buildings 1 & 2 Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-016 12-8B	Buildings 1 & 2 Roosevelt E.S. Adhesive, White, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-017 12-9A	Buildings 1 & 2 Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625665-018 12-9B	Buildings 1 & 2 Roosevelt E.S. Adhesive, White, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

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Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625665

Date Received 09/26/2016
Date Analyzed 10/04/2016
Date Reported 10/04/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Buildings 1 & 2

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

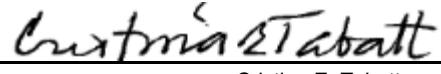
Total Samples 18

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. 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 Chappelear


Approved Signatory Cristina E. Tabatt


Lab Code 500044-0



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Alta Environmental
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Attn.: Cesar Ruvalcaba

Report Number 1625666

Date Received 09/26/2016

Date Analyzed 10/04/2016

Date Reported 10/04/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building 7

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 15

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625666-001 7-1	Building 7 Roosevelt E.S. Adhesive on Carpet, Yellow, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	10% 90%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625666-002 7-2	Building 7 Roosevelt E.S. Adhesive on Carpet, Yellow/White, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	10% 90%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625666-003 7-3	Building 7 Roosevelt E.S. Adhesive on Carpet, Yellow/White, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	10% 90%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625666-004 7-4A	Building 7 Roosevelt E.S. 12x12 Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	60% 40%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625666-005 7-4B	Building 7 Roosevelt E.S. Mastic, Black/Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected
1625666-006 7-5A	Building 7 Roosevelt E.S. 12x12 Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	60% 40%	None Detected	
	Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected

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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building 7

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 15

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625666-007 7-5B	Building 7 Roosevelt E.S. Mastic, Black/Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625666-008 7-6A	Building 7 Roosevelt E.S. 12x12 Speckled F.T., Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	40% 60%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625666-009 7-6B	Building 7 Roosevelt E.S. Mastic, Black/Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625666-010 7-7A	Building 7 Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	40% 60%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625666-011 7-7B	Building 7 Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625666-012 7-8A	Building 7 Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	40% 60%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building 7

PO Number

WO Number

Date Sampled 09/22/2016

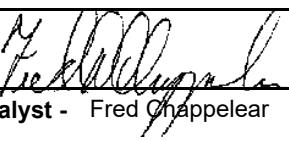
Sampled By Fabian Ruvalcaba

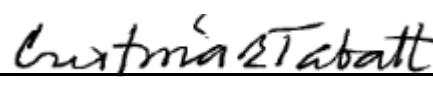
Total Samples 15

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625666-013 7-8B	Building 7 Roosevelt E.S. Glue, Cream, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625666-014 7-9A	Building 7 Roosevelt E.S. 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	40% 60%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625666-015 7-9B	Building 7 Roosevelt E.S. Adhesive, Cream, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. 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 Chapple


Approved Signatory Cristina E. Tabatt


NVLAP
Lab Code 500044-0



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Report Number 1625667

Date Received 09/26/2016

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Date Reported 10/07/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Classrooms 26, 25, 24, 23, 22

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 25

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625667-001 20-1A	Classrooms 26, 25, 24, 23, 22 12x12 Speckled Floor Tile, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-002 20-1B	Classrooms 26, 25, 24, 23, 22 Mastic, Yellow, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-003 20-2A	Classrooms 26, 25, 24, 23, 22 12x12 Speckled Floor Tile, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-004 20-2B	Classrooms 26, 25, 24, 23, 22 Mastic, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-005 20-3A	Classrooms 26, 25, 24, 23, 22 12x12 Speckled Floor Tile, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-006 20-3B	Classrooms 26, 25, 24, 23, 22 Mastic, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Classrooms 26, 25, 24, 23, 22

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 25

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625667-007 20-4A	Classrooms 26, 25, 24, 23, 22 12x12 Speckled Floor Tile, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-008 20-4B	Classrooms 26, 25, 24, 23, 22 Mastic, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-009 20-5A	Classrooms 26, 25, 24, 23, 22 12x12 Speckled Floor Tile, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	65% 35%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-010 20-5B	Classrooms 26, 25, 24, 23, 22 Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-011 20-6A	Classrooms 26, 25, 24, 23, 22 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-012 20-6B	Classrooms 26, 25, 24, 23, 22 Adhesive, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Report Number 1625667

Date Received 09/26/2016

Date Analyzed 10/07/2016

Date Reported 10/07/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Classrooms 26, 25, 24, 23, 22

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 25

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625667-013 20-7A	Classrooms 26, 25, 24, 23, 22 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-014 20-7B	Classrooms 26, 25, 24, 23, 22 Adhesive, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-015 20-8A	Classrooms 26, 25, 24, 23, 22 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-016 20-8B	Classrooms 26, 25, 24, 23, 22 Adhesive, Yellow, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-017 20-9A	Classrooms 26, 25, 24, 23, 22 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625667-018 20-9B	Classrooms 26, 25, 24, 23, 22 Adhesive, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Classrooms 26, 25, 24, 23, 22

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 25

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625667-019 20-10A	Classrooms 26, 25, 24, 23, 22 4" Covebase, Gray, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625667-020 20-10B	Classrooms 26, 25, 24, 23, 22 Adhesive, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625667-021 20-11	Classrooms 26, 25, 24, 23, 22 Adhesive under Dark Green Carpet, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625667-022 20-12	Classrooms 26, 25, 24, 23, 22 Adhesive under Dark Green Carpet, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625667-023 20-13	Classrooms 26, 25, 24, 23, 22 Adhesive under Dark Green Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Cellulose Fiber Adhesive Binders/Filler	2% <1% 98%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected
1625667-024 20-14	Classrooms 26, 25, 24, 23, 22 Adhesive under Dark Green Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No				Total % Non-Asbestos:	100.0% Total %Asbestos: No Asbestos Detected



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Date Reported 10/07/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Classrooms 26, 25, 24, 23, 22

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 25

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625667-025 20-15	Classrooms 26, 25, 24, 23, 22 Adhesive under Dark Green Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Cellulose Fiber Adhesive Binders/Filler	<1% <1 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:			100.0% Total %Asbestos: No Asbestos Detected	

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. 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 Chappelear


Approved Signatory Cristina E. Tabatt


NVLAP
Lab Code 500044-0



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Report Number 1625668

Date Received 09/26/2016
Date Analyzed 10/04/2016
Date Reported 10/04/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building 38, 39, 40, 41

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 33

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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625668-001 3-1A	Building 38, 39, 40, 41 12x12 Speckled Floor Tile, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	60% 40%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-002 3-1B	Building 38, 39, 40, 41 Mastic, Black/Yellow, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-003 3-2A	Building 38, 39, 40, 41 12x12 Speckled Floor Tile, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	60% 40%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-004 3-2B	Building 38, 39, 40, 41 Mastic, Black/Yellow, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	10% 90%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-005 3-3A	Building 38, 39, 40, 41 12x12 Speckled Floor Tile, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	60% 40%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-006 3-3B	Building 38, 39, 40, 41 Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building 38, 39, 40, 41

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 33

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625668-007 3-4A	Building 38, 39, 40, 41 12x12 Speckled Floor Tile, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/Filler	60% 40%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-008 3-4B	Building 38, 39, 40, 41 Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-009 3-5	Building 38, 39, 40, 41 Non Skid Vinyl Flooring, Blue/Beige, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	15% 85%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-010 3-6	Building 38, 39, 40, 41 Non Skid Vinyl Flooring, Blue/Beige, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	15% 85%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-011 3-7	Building 38, 39, 40, 41 Non Skid Vinyl Flooring, Gray/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	85% 15%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-012 3-8	Building 38, 39, 40, 41 Non Skid Vinyl Flooring, Beige, Non- homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	15% 85%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

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



ENVIRONMENTAL
LABORATORIES

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625668

Date Received 09/26/2016
Date Analyzed 10/04/2016
Date Reported 10/04/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building 38, 39, 40, 41

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 33

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625668-013 3-9A	Building 38, 39, 40, 41 4" Covebase, Dk. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-014 3-9B	Building 38, 39, 40, 41 Adhesive, Cream, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-015 3-10A	Building 38, 39, 40, 41 4" Covebase, Dk. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-016 3-10B	Building 38, 39, 40, 41 Adhesive, Cream, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-017 3-11A	Building 38, 39, 40, 41 4" Covebase, Dk. Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-018 3-11B	Building 38, 39, 40, 41 Adhesive, Cream, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



ENVIRONMENTAL
LABORATORIES

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625668

Date Received 09/26/2016
Date Analyzed 10/04/2016
Date Reported 10/04/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building 38, 39, 40, 41

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 33

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625668-019 3-12	Building 38, 39, 40, 41 Adhesive under Dark Green Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	5% 95%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-020 3-13	Building 38, 39, 40, 41 Adhesive under Dark Green Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	5% 95%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-021 3-14	Building 38, 39, 40, 41 Adhesive under Dark Green Carpet, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-022 3-15A	Building 38, 39, 40, 41 4" Covebase, Black, Homogeneous	LAYER 1 100%			None Detected	
			Calcium Carbonate Vinyl Binder/ Filler	35% 65%		
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-023 3-15B	Building 38, 39, 40, 41 Adhesive, Beige, Homogeneous	LAYER 1 100%			None Detected	
			Adhesive Binders/Filler	100%		
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-024 3-16A	Building 38, 39, 40, 41 4" Covebase, Black, Homogeneous	LAYER 1 100%			None Detected	
			Calcium Carbonate Vinyl Binder/ Filler	35% 65%		
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



ENVIRONMENTAL
LABORATORIES

Alta Environmental
3777 Long Beach Blvd.
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Date Received 09/26/2016
Date Analyzed 10/04/2016
Date Reported 10/04/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building 38, 39, 40, 41

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

Total Samples 33

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625668-025 3-16B	Building 38, 39, 40, 41 Adhesive, Beige, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-026 3-17A	Building 38, 39, 40, 41 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-027 3-17B	Building 38, 39, 40, 41 Adhesive, Beige, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-028 3-18A	Building 38, 39, 40, 41 6" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-029 3-18B	Building 38, 39, 40, 41 Adhesive, Beige, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-030 3-19A	Building 38, 39, 40, 41 6" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected



ENVIRONMENTAL
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Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625668

Date Received 09/26/2016
Date Analyzed 10/04/2016
Date Reported 10/04/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building 38, 39, 40, 41

PO Number

WO Number

Date Sampled 09/22/2016

Sampled By Fabian Ruvalcaba

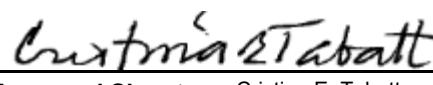
Total Samples 33

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625668-031 3-19B	Building 38, 39, 40, 41 Adhesive, Beige, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-032 3-20A	Building 38, 39, 40, 41 6" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
1625668-033 3-20B	Building 38, 39, 40, 41 Adhesive, Beige, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No		Total % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. 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 Chappelear


Approved Signatory Cristina E. Tabatt


NVLAP
Lab Code 500044-0



ENVIRONMENTAL
LABORATORIES

Alta Environmental
3777 Long Beach Blvd.
Long Beach CA 90807
Attn.: Cesar Ruvalcaba
Report Number 1625788

Date Received 10/07/2016
Date Analyzed 10/12/2016
Date Reported 10/12/2016

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

Project Number SMSD-16-6283

Project Name Roosevelt E.S.

Location Roosevelt E.S. - Building B

PO Number

WO Number

Date Sampled 09/26/2016

Sampled By Fabian Ruvalcaba, Anthony Vice

Total Samples 3

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625788-001	Building B Roosevelt E.S.					
1625658-004 (B2- B)	Mastic, Black/ Yellow, Non- homogeneous	LAYER 1 100%	Organic Material Non-Asbestos Residue	51.43% 47.07%	Chrysotile	1.5%
1000 pt. POINT COUNT						
	Asbestos Present: Yes			Total % Non-Asbestos:	98.5%	Total %Asbestos: 1.50%
1625788-002	Building B Roosevelt E.S.					
1625658-013 (B7)	Mastic, Black/ Yellow, Non- homogeneous	LAYER 1 100%	Organic Material Non-Asbestos Residue	48.99% 50.04%	Chrysotile	0.97%
1000 pt. POINT COUNT						
	Asbestos Present: Yes			Total % Non-Asbestos:	99.0%	Total %Asbestos: 0.97%
1625788-003	Building B Roosevelt E.S.					
1625658-015 (B9)	Mastic, Black, Homogeneous	LAYER 1 100%	Organic Material Non-Asbestos Residue	54.07% 44.73%	Chrysotile	1.2%
1000 pt. POINT COUNT						
	Asbestos Present: Yes			Total % Non-Asbestos:	98.8%	Total %Asbestos: 1.20%

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

NVLAP
Lab Code 500044-0



CHAIN OF CUSTODY

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services@AQenvlabs.com

(Lab) Order No. 1625657 thru 1625668

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alber Enviro Inc	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Louis Beach	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Louis Beach CA	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Cesar Rivas Cabra	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 checked="" type="checkbox"/>	Mail <input type="checkbox"/>
Cell	310 951 9485	Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562 495 5877	Special Instructions:		
Email	BScresults@alberenviroinc.com			
PROJECT INFORMATION				
Project Name:	Roosevelt E.S.	PO Number:		
Project Number:	SIGSO-16-6283	Work Order No.:		
Location:	Roosevelt E.S	Sampled By:	Fabian Rivas Cabra	
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"/>	
Swab <input type="checkbox"/>		Soil <input type="checkbox"/>		
SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time
A-1	yellow adhesive with Blue carpet	Building A Roosevelt E.S	9-21-16	-----
A-2				-----
A-3				-----
A-4	12" Grey speckled F.T w/ glue			-----
A-5				-----
A-6				-----
A-7				-----
A-8	4" Grey core base w/ glue			-----
A-9				-----
A-10				-----
Relinquished By:	Received By:			
Date/Time: 9/25/16	Date/Time: 9/26/16 0800			
Relinquished By:	Received By:			
Date/Time:	Date/Time:			



CHAIN OF CUSTODY

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services@AQenvlabs.com

Company:	Altair Environmental
Project Number:	S14SD-16-G283
Project Name:	Roosevelt E.S.

(Lab) Order No.	1625857 thru 1625668
-----------------	-------------------------

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
A-11	Green adhesive for dark grey carpet					
A-12						
A-13						
A-14	4" grey covebase w/ mastic					
A-15						
A-16						
A-17	4" black covebase w/ mastic					
A-18						
A-19						
A-20	12" blue speckled F.T w/ glue					
A-21						
A-22						
A-23	Adhesive for Blue w/ yellow strips of carpet					
A-24						
A-25						
B-1	12x12 Grey speckled F.T w/ black	Building B - Roosevelt E.S.		3 9/10		
B-2	mastic					
B-3						
B-4	4" grey covebase w/ mastic					
B-5						
Relinquished By:	Anthony Ulrich	Received By:				
Date/Time:	9/25/16	Date/Time:				
Relinquished By:		Received By:				
Date/Time:		Date/Time:				



CHAIN OF CUSTODY

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Company: Alta Environmental
Project Number: S14LSO-16-6283
Project Name: Roosevelt E-2

(Lab) Order No.

1625659 thru
1625668

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
B-6	4 inch grey carpetbase w/ adhesive	Building B. Roosevelt E-S	9/29/16				
B-7	Dark carpet						
B-8							
B-9							
B-10	Black mastic						
B-11							
B-12							
C-1	12" Lt. Grey speckled F/T w/ glue	Building C. Roosevelt E-S					
C-2							
C-3							
C-4	4" grey carpetbase w/ glue						
C-5							
C-6							
C-7	Self adhesive typ. @ack w/						
C-8	Blue carpet						
C-9							
C-10	6" Black carpetbase w/ adhesive						
C-11							
C-12							
C-13	Black Residual mastic						

Relinquished By: Anthony Mleby

Date/Time: 9/25/16

Relinquished By:

Date/Time:

Received By:

Carmen P. Maw

Date/Time:

9/26/16 0800

Received By:

Date/Time:



CHAIN OF CUSTODY

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Company: Alter Building
Project Number: 51450-6-6283
Project Name: Roosevelt E.S.

(Lab) Order No.

1625657 thru
1625668

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
C-14	Black Residual mastic	Building C Roosevelt E.S.	9/20/16			
C-15	↓					
C-16	Brown sheet vinyl flooring w/ mastic					
C-17	↓					
C-18	↓					
C-19	Brown floor tile w/ caulk					
C-20	↓					
C-21	↓					
D-1	12" Lt grey speckled F-T w/ glue	Building D Roosevelt E.S.	9/19/16			
D-2	↓					
D-3	w/ white leveling compound					
D-4	4" grey cove base w/ glue					
D-5	↓					
D-6	↓					
D-7	4" Black cove base w/ glue					
D-8	↓					
D-9	↓					
D-10	4" grey speckled sheet vinyl					
D-11	↓					
D-12	↓					

Relinquished By: Autog Vlacke
Date/Time: 9/25/16

Relinquished By:

Date/Time:

Received By:

Date/Time:

Received By:

Date/Time:

OMM PDRW

9/26/16 0800



CHAIN OF CUSTODY

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Company: Alter Environmental
Project Number: S1aSD-16-6283
Project Name: Roosevelt E.S.

(Lab) Order No.

1625657 thru
1625668

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
D-13	9" Brown L/T or Broom Stales F.T with mastic	Building D Roosevelt E.S	9/19/16			
D-14						
D-15						
E-1	4" grey concrete curb glue	Building E Roosevelt E.S	9/20/16			
E-2						
E-3						
E-4	12" L+grey F.T with glue					
E-5						
E-6						
E-7	Yellow/green tw Blue/green carpet					
E-8						
E-9						
E-10	9" Brown L/T w/ mastic					
E-11						
E-12						
E-13	Black residual mastic					
E-14						
E-15						
G-22	Yellow glue with Blue carpet	Building G. Roosevelt E.S	9/19/16			
G-23						

Relinquished By: Anthony Vlcek
Date/Time: 09/25/16

Received By: JMM/PJN
Date/Time: 9/26/16 0800

Relinquished By:
Date/Time:

Received By:
Date/Time:



CHAIN OF CUSTODY

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Company:	Alta Environmental
Project Number:	57950-16-6283
Project Name:	Roosevelt E.S.

(Lab) Order No.

1625654 thru
1625668

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
G-24	yellow glue for Blue carpet	Building 61, Roosevelt E.S.	9/19/16			
G-25	Not USED					
G-26						
G-27	12" Lt. grey speckled F.T. w/ glue					
G-28						
G-29						
G-30	Not USED					
G-31						
G-32	4" grey cove base					
G-33						
G-34						
G-35	4 inch Block cove base					
G-36						
G-37						
G-38	Yellow glue for Blue carpet					
G-39						
G-40						
G-41	12x12 Block cove white speckled F.T.					
G-42						
G-43						
Relinquished By:	Anthony V. Iacete		Received By:	Omniedow		
Date/Time:	9/25/16		Date/Time:	9/26/16 0800		
Relinquished By:			Received By:			
Date/Time:			Date/Time:			



CHAIN OF CUSTODY

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Company: Alta Environmental
 Project Number: SMUSD - 16-6283
 Project Name: Roosevelt E.S.

(Lab) Order No. 1625657 thru
 1625668

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
G-44	9x9 Red tile w/ black mastic	Building G. Roosevelt E.S.	9/19/16			
G-45						
G-46						
G-47	Brown vinyl flooring surf					
G-48						
G-49						
G-50	Black residual mastic under carpet					
G-51						
G-52						
H-1	12" Lt grey speckled 1FT w/ mastic	Building H Roosevelt E.S.	9/19/16			
H-2						
H-3						
H-4	Yellow glue for Blue carpet					
H-5						
H-6						
H-7	4" Black Covebase with glue					
H-8						
H-9						
As d	wood flooring					
K-1	yellow adhesive for dark blue carpet	Building K Roosevelt E.S.	9/19/16			
Relinquished By:	Anthony Vlach	Received By:	Amyn Brown			
Date/Time:	9/25/16	Date/Time:	9/26/16 0800			
Relinquished By:		Received By:				
Date/Time:		Date/Time:				



CHAIN OF CUSTODY

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Company:	Altair Envirocenter
Project Number:	Slog SD-16-6283
Project Name:	Roosevelt E.S.

(Lab) Order No. 1625L57 thry
1625 L68

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
IC-2	yellow adhesive for dark blue carpet	Bottled to Roosevelt E.S.	9/19/16			
IC-3	↓					
IC-4	6" Black covebase w/ glue					
IC-5	↓					
IC-6	↓					
IC-7	12" Blue speckled F.T w/ yellow glue					
IC-8	↓					
IC-9	↓					
IC-10	9x9 Beige tile w/ thin caulk					
IC-11	↓					
IC-12	↓					
IC-13	12" Lt grey speckled F.T w/ yellow glue					
IC-14	↓					
IC-15	↓					
IC-16	yellow stain for blue carpet w/ black					
IC-17	residual caulk					
IC-18	↓					
IC-19	4" grey covebase w/ glue					
K-20	↓					
K-21	↓					
Relinquished By:	Anthony Ucete	Received By:	Omnia Pathw			
Date/Time:	9/25/16	Date/Time:	9/26/16 0800			
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: Alter Environmental
Project Number: S111SD-16-6283
Project Name: Roosevelt E.S.

(Lab) Order No.

1625659 thru
1625668

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
12-1						
TC-22	12x12 grey speckled FT with grey adhesive	Buildings 1 & 2 Roosevelt E.S.	9/22/16			
12-2						
TC-23						
12-3						
TC-24						
12-4	yellow adhesive and levelling compound					
12-5	on dark grey carpet					
12-6						
12-7	4 inch dots grey covebase w/HC					
12-8	adhesive					
12-9						
7-1	Yellow adhesive on dark green carpet	Buildings 7 Roosevelt E.S.	9/22/16			
7-2	on wood					
7-3						
7-4	12x12 grey F-T. w/HC	Specified on site				
7-5						
7-6						
7-7	4 inch grey covebase w/HC adhesive					
7-8						
7-9						
Relinquished By:	Anthony Vlachos	Received By:	John Dow			
Date/Time:	9/25/16	Date/Time:	9/26/16 0806			
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: Alta Environmental
Project Number: S14950 - 16-6283
Project Name: Present E.S.

(Lab) Order No.

1625657 thru
1625668

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
20-1	12x12 gys Specified FT w/ yellow mastic	Classrooms 26, 25, 24, 23, 22	9/22/16				
20-2							
20-3							
20-4							
20-5	N						
20-6	4 touch gys, coverbag w/ mastic						
20-7							
20-8							
20-9							
20-10	↓						
20-11	Yellow adhesive Underlayment Carpets						
20-12							
20-13							
20-14							
20-15	↓						
3-1	12x12 gys FT w/ yellow mastic on wood	Buildings 38, 39, 40, 41	9/22/16				
3-2							
3-3							
3-4							
3-5	Non-skid Vinyl floors on wood						
Relinquished By:	Anthony Vicente	Received By:	John P. Brown				
Date/Time:	9/25/16	Date/Time:	9/26/16 0800				
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: Alta Environmental
Project Number: SIMSO-10-6283
Project Name: Roosevelt E.S.

(Lab) Order No.

1L25L57 thru
1L25 668

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
3-6	Non-skid Flooring on wood	Bulldog 38, 39, 40, 41	9/22/16				
3-7							
3-8							
3-9	4 inch dark grey corebase w/ adhes						
3-10	adhesive						
3-11							
3-12	Yellow adhesive under double green carpet						
3-13							
3-14							
3-15	4 inch black corebase w/ adhesive						
3-16							
3-17							
3-18	6 inch black corebase w/ adhesive						
3-19							
3-20							

Relinquished By: Anthony Vicente *[Signature]*

Date/Time: 9/25/16

Received By:

OMMepatno

Relinquished By:

Date/Time:

Date/Time:

9/26/16 0800

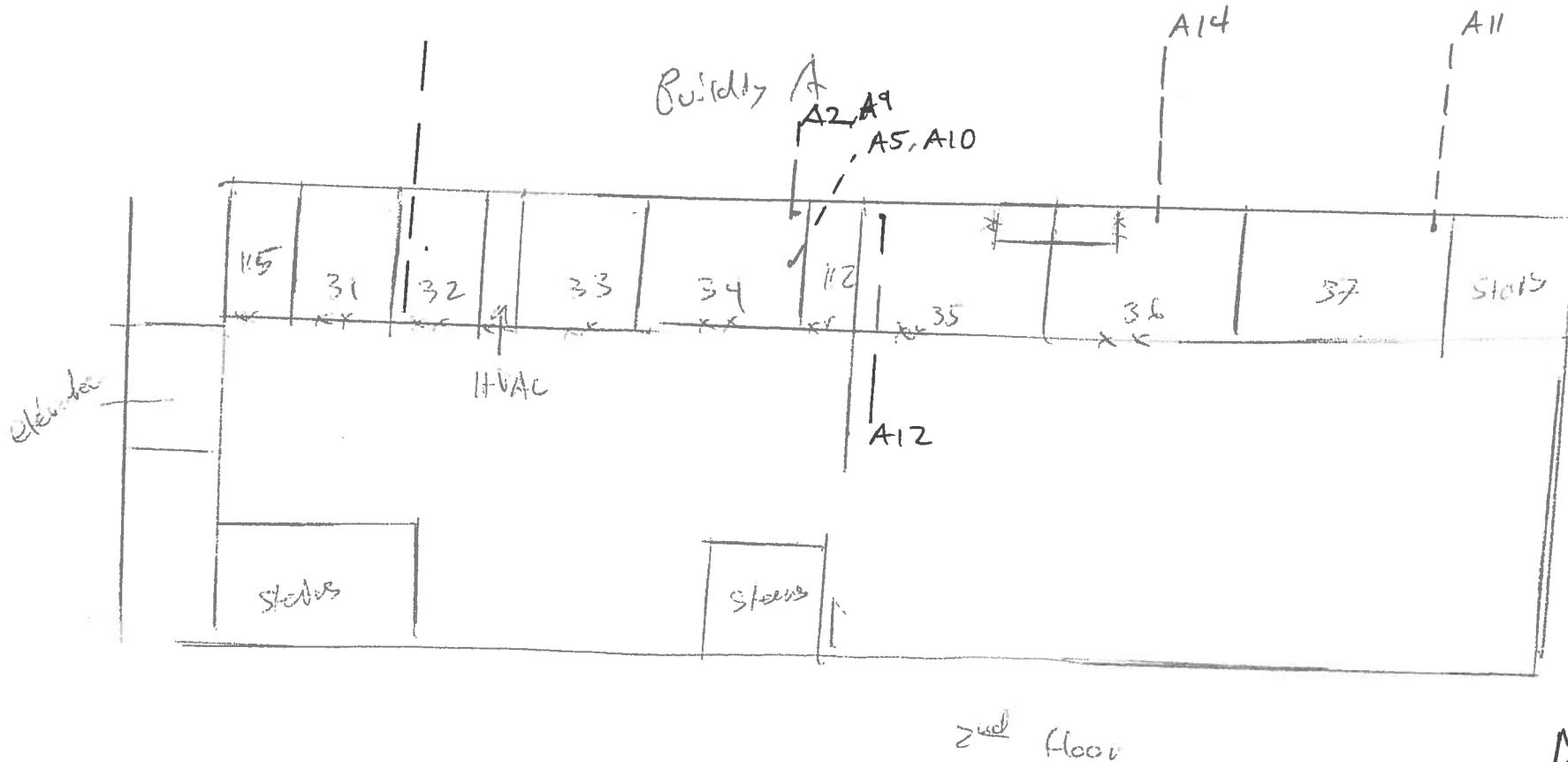
Received By:

Date/Time:

Appendix C

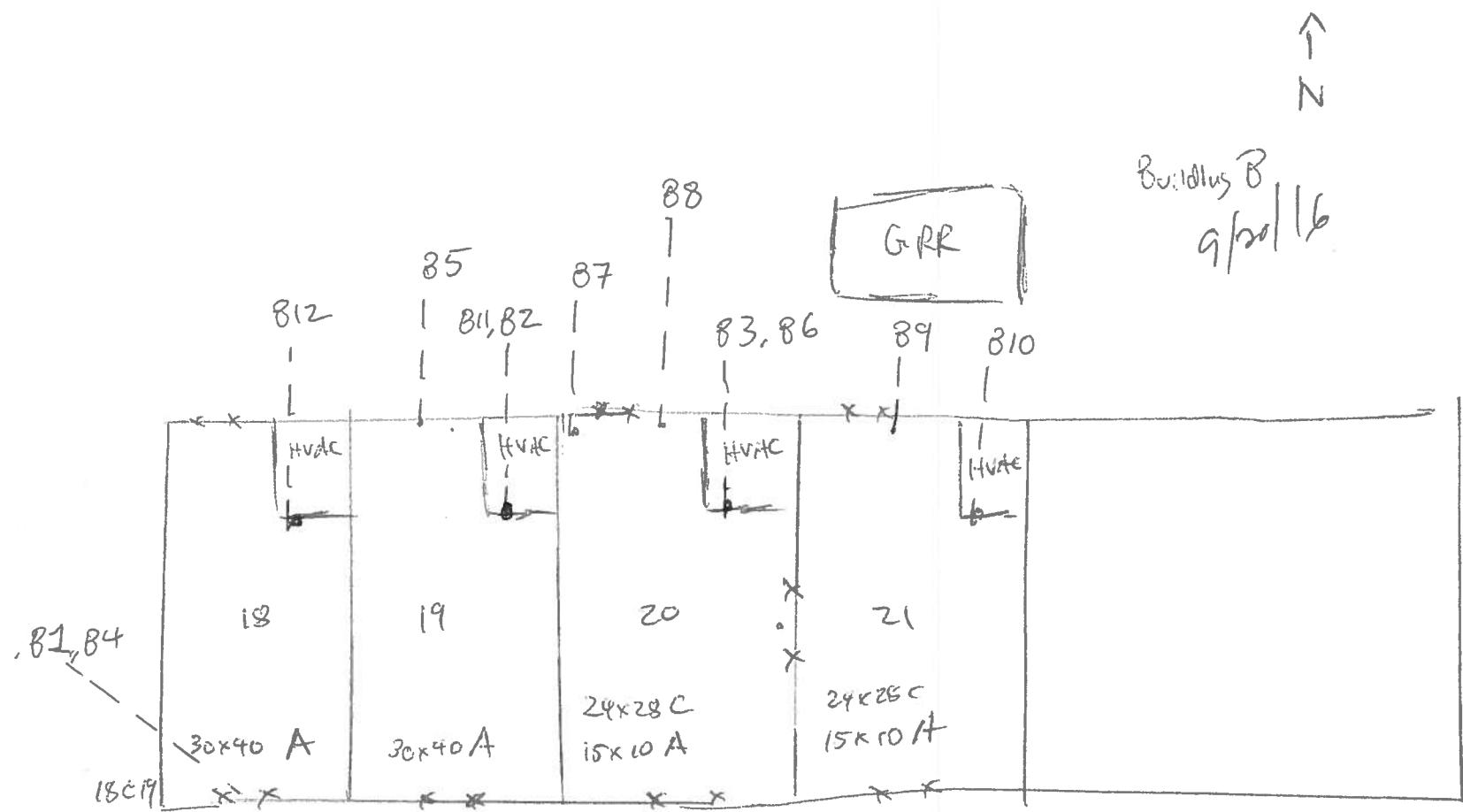
Sample Location Map: Asbestos

A1, A4, A8



N →

A-9/00/16



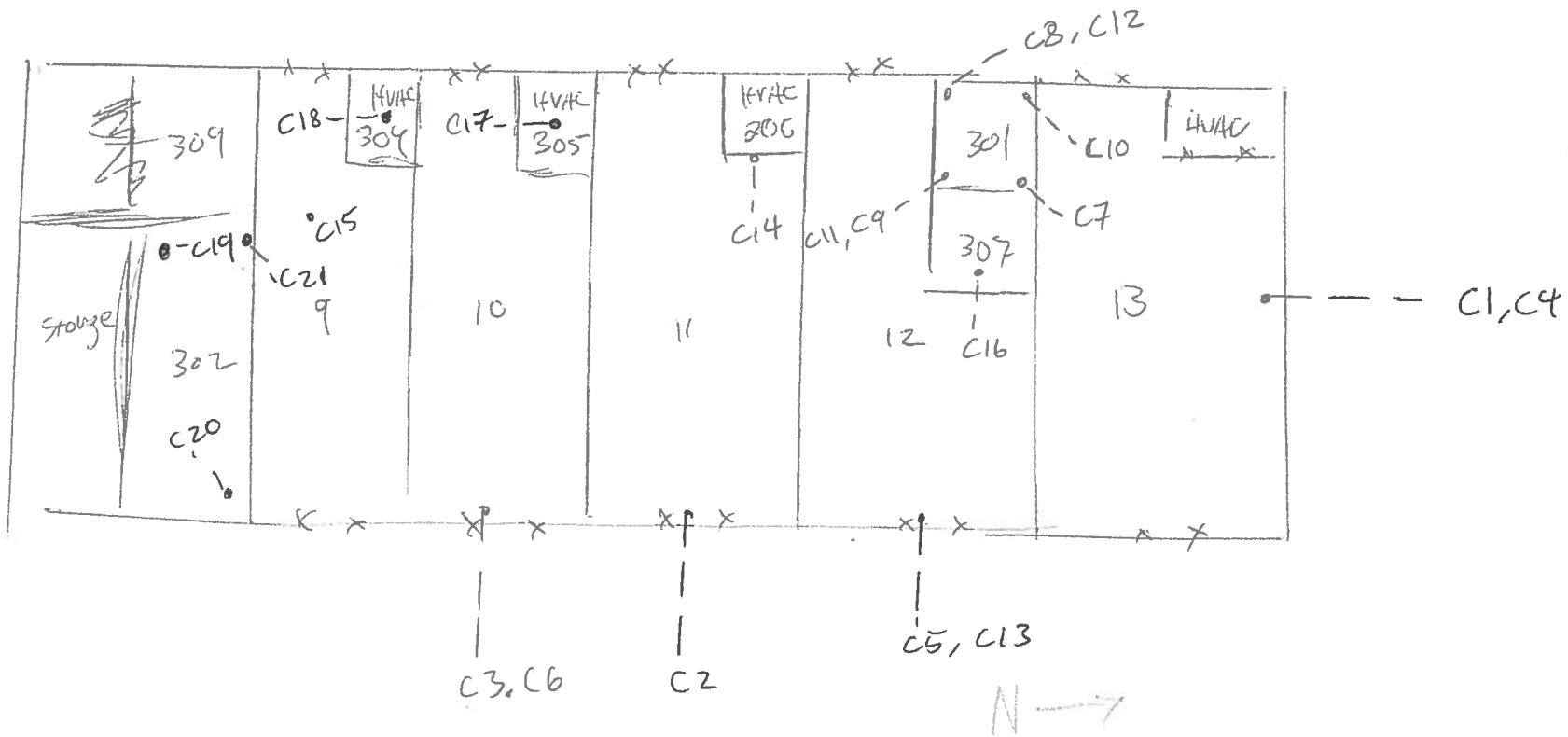
~~A~~ - 12x12 Grey speckled tile with yellow mastic

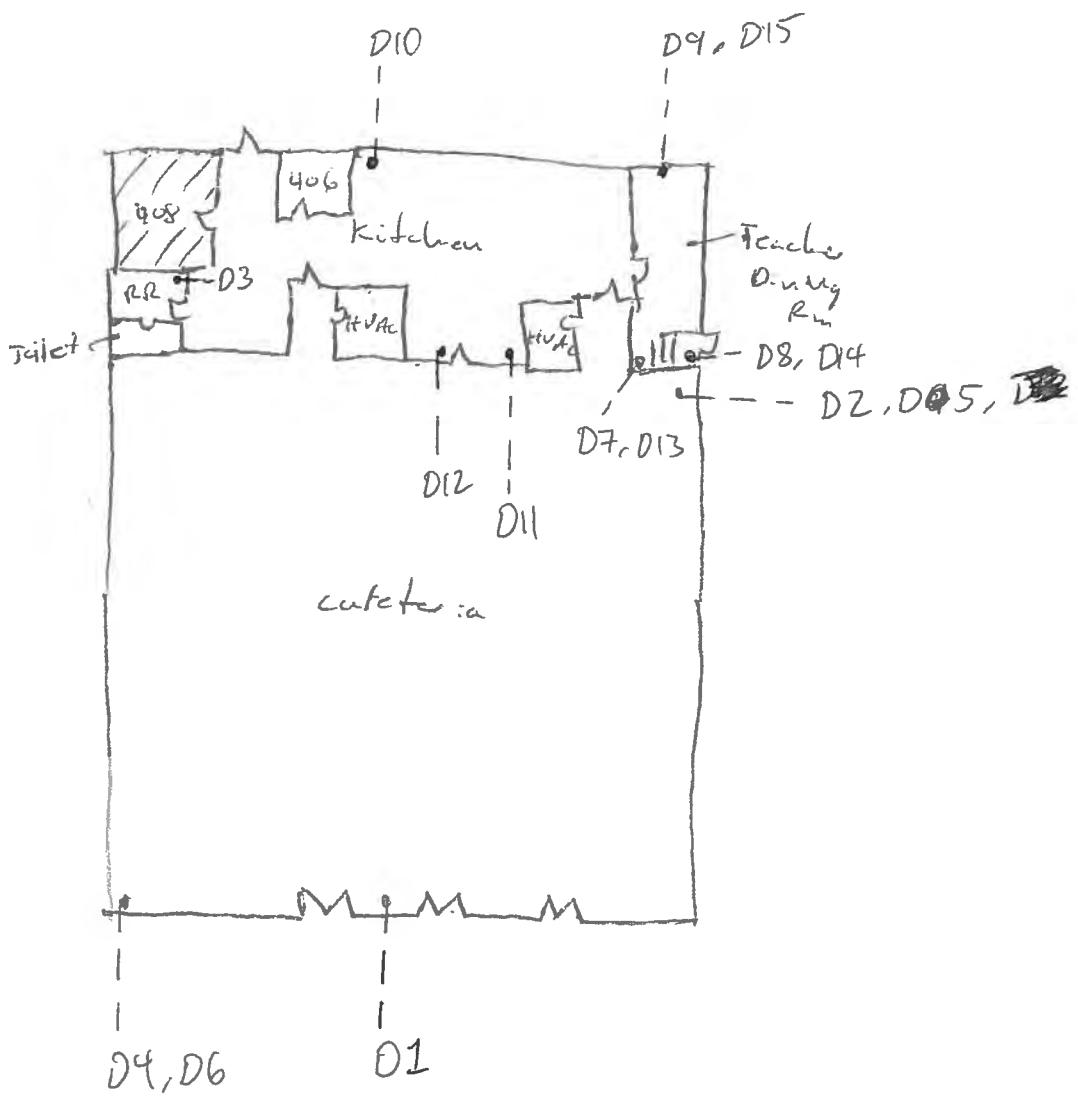
B - 4 inch Grey cove base with adhesive

C - Dark Blue carpet with

Building C

9/20/16





Slab D
 F-fluoride
 9-14-16



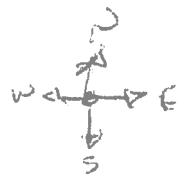
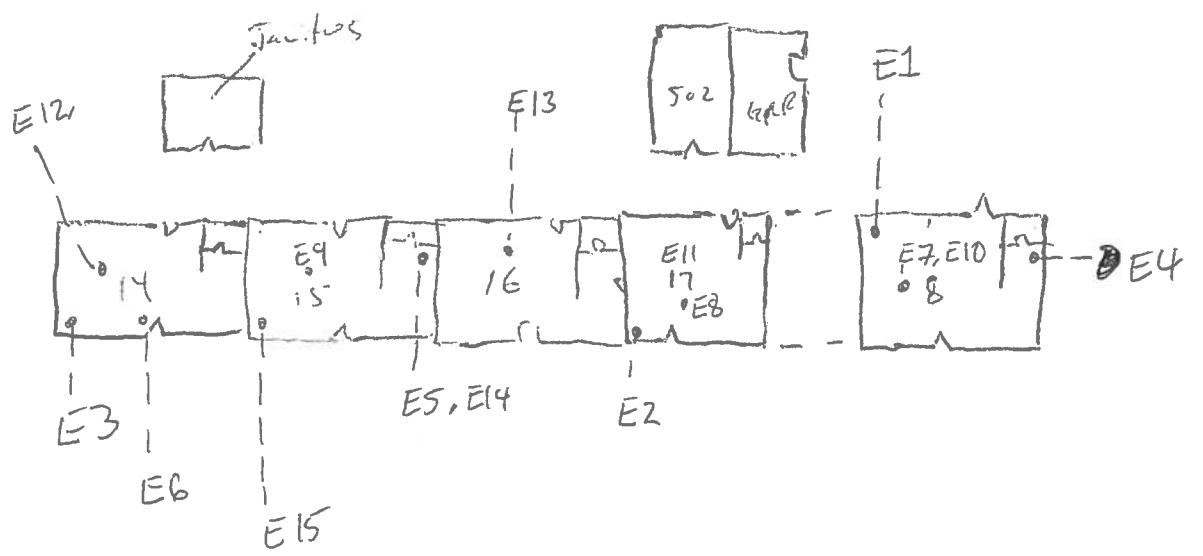
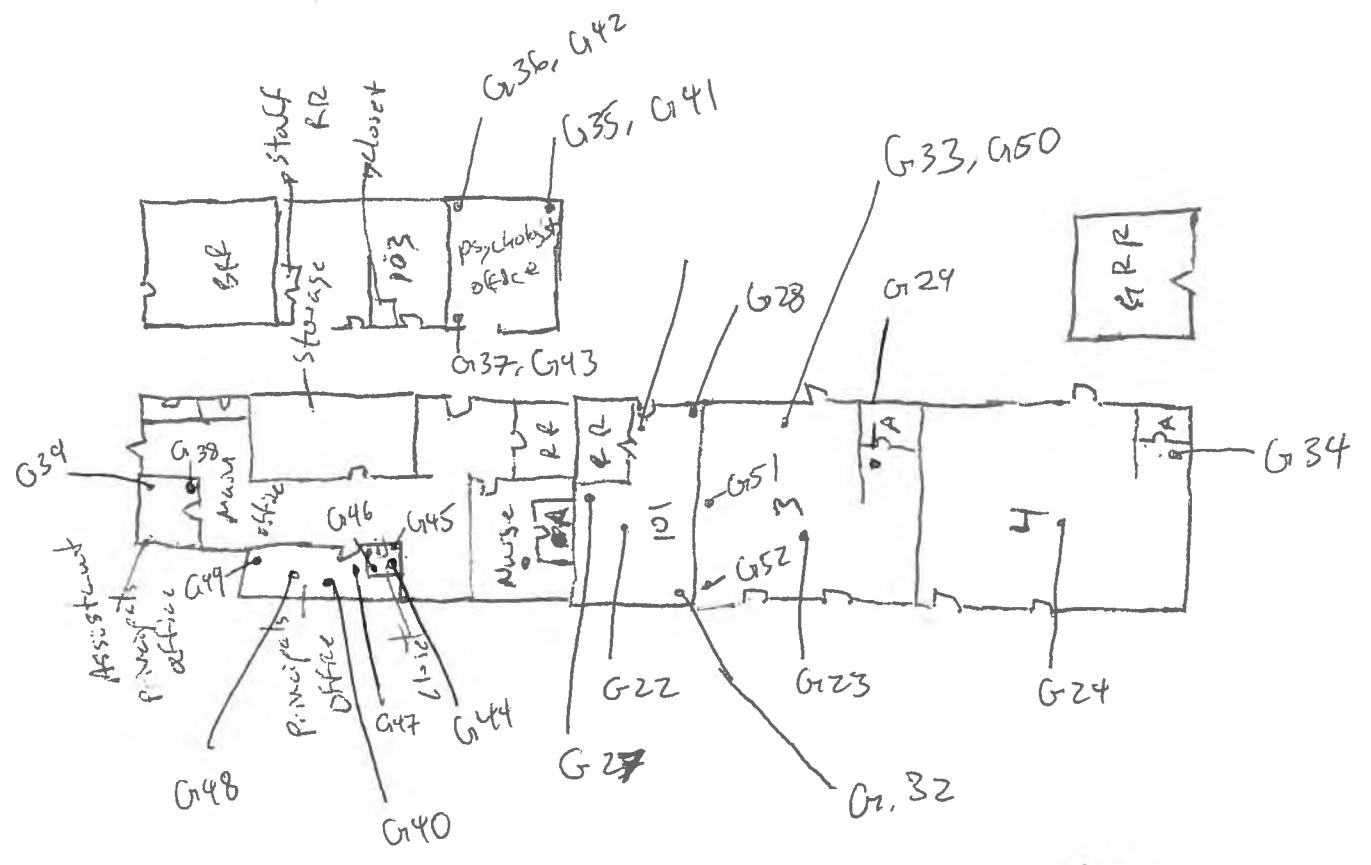
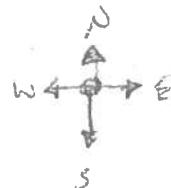
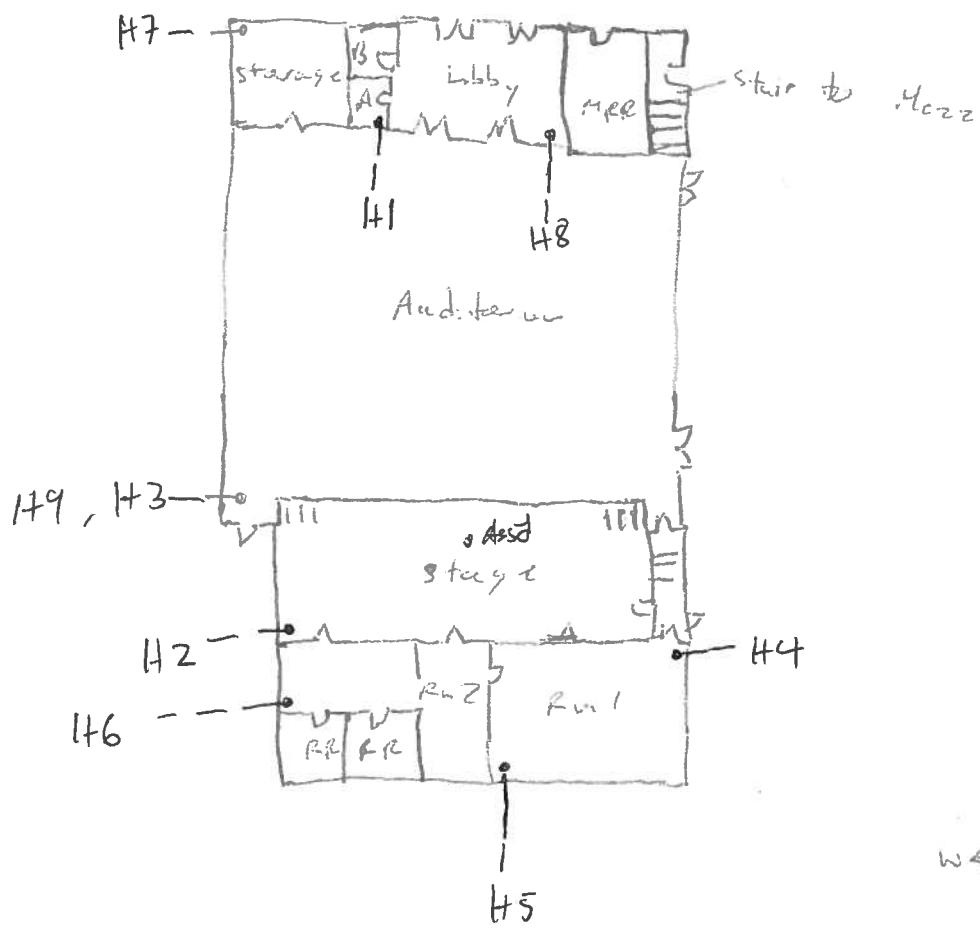


Bild E
G/20/16

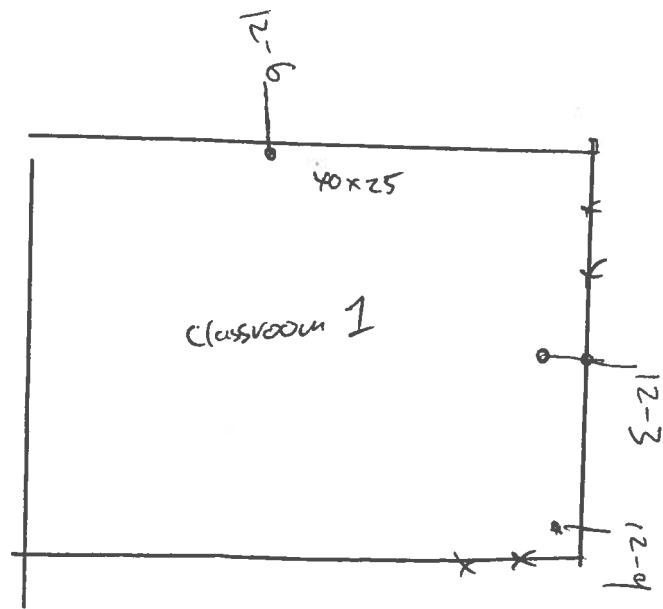


13/20/16
G/20/16



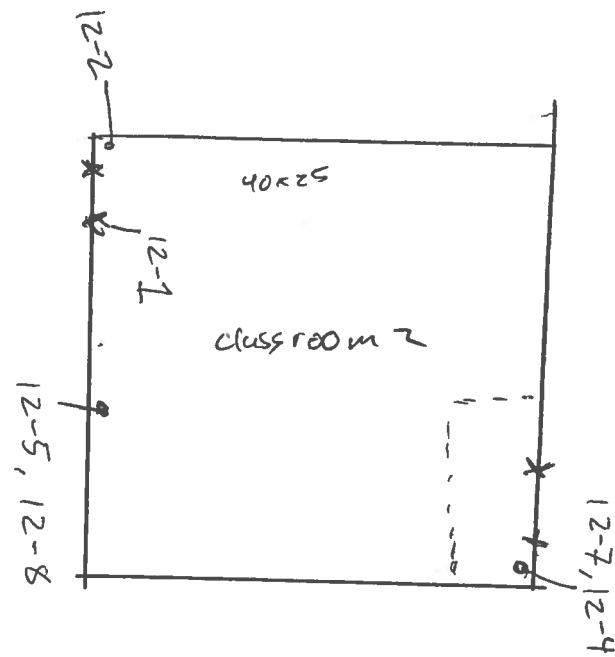
Bldy H

9/20/16



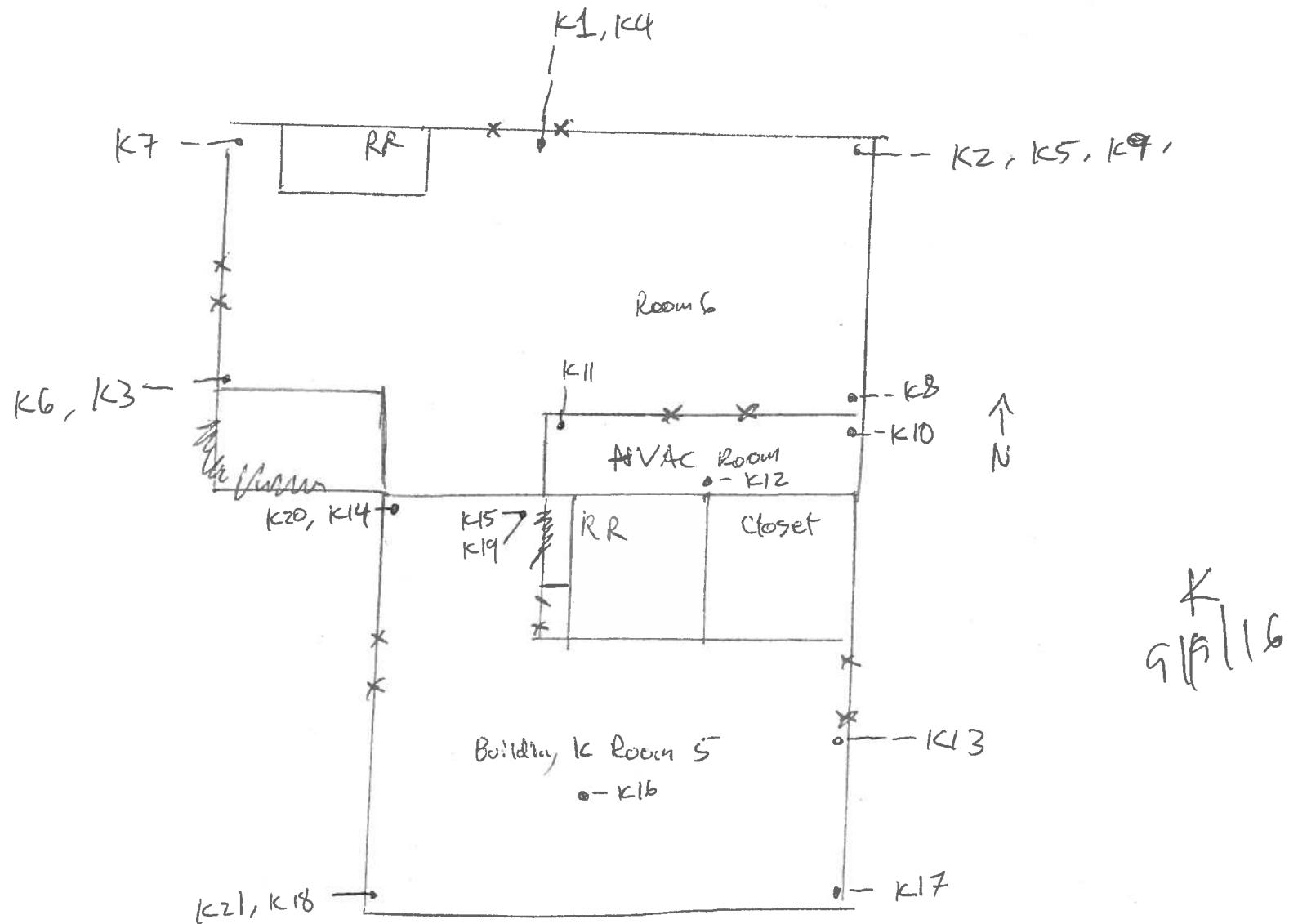
250 sq ft of 12x12 speckled
300 sq ft of dark grey carpet
130 linear ft of 4 inch grey cornice.

9 | 20 | 16

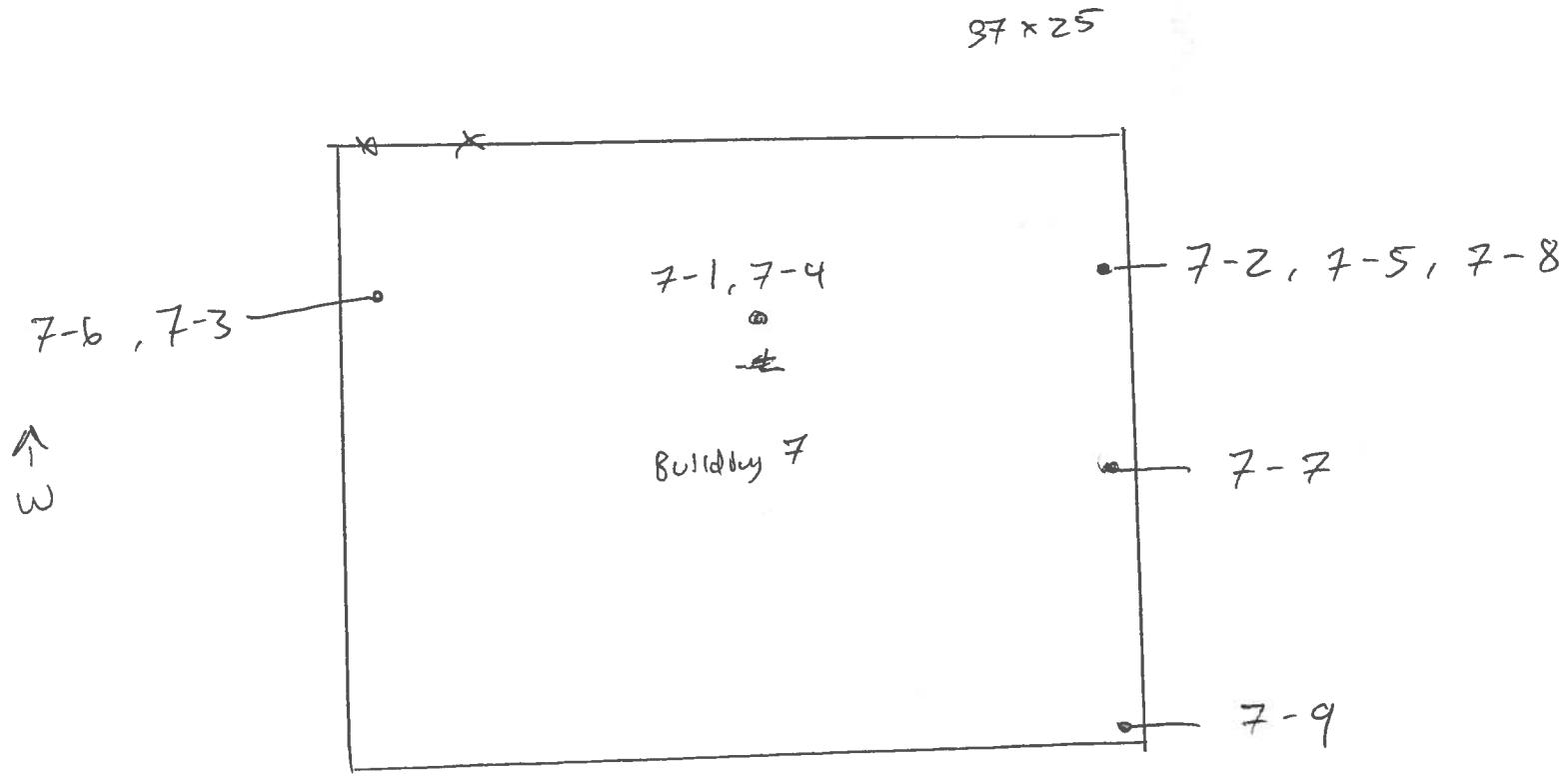


280 sq ft 12x12 speckled F/T.
300 sq ft of dark grey carpet.
130 linear ft of 4 inch grey cornice.

N →



K
G/F 116



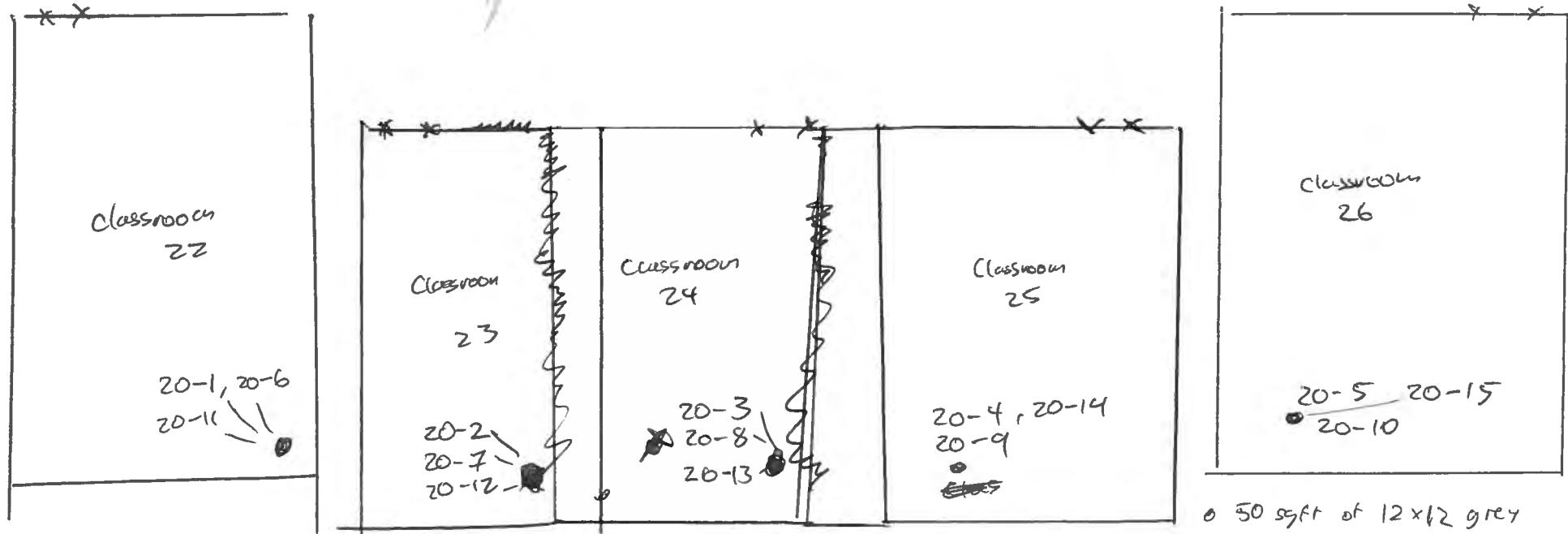
750 sqft of Oak guy caps
 200 sqft of 12x12 guy spudcher tie on wood
 130 linear ft of guy ^{coarse}
 N →

9 | 20 | 16

9/20/16

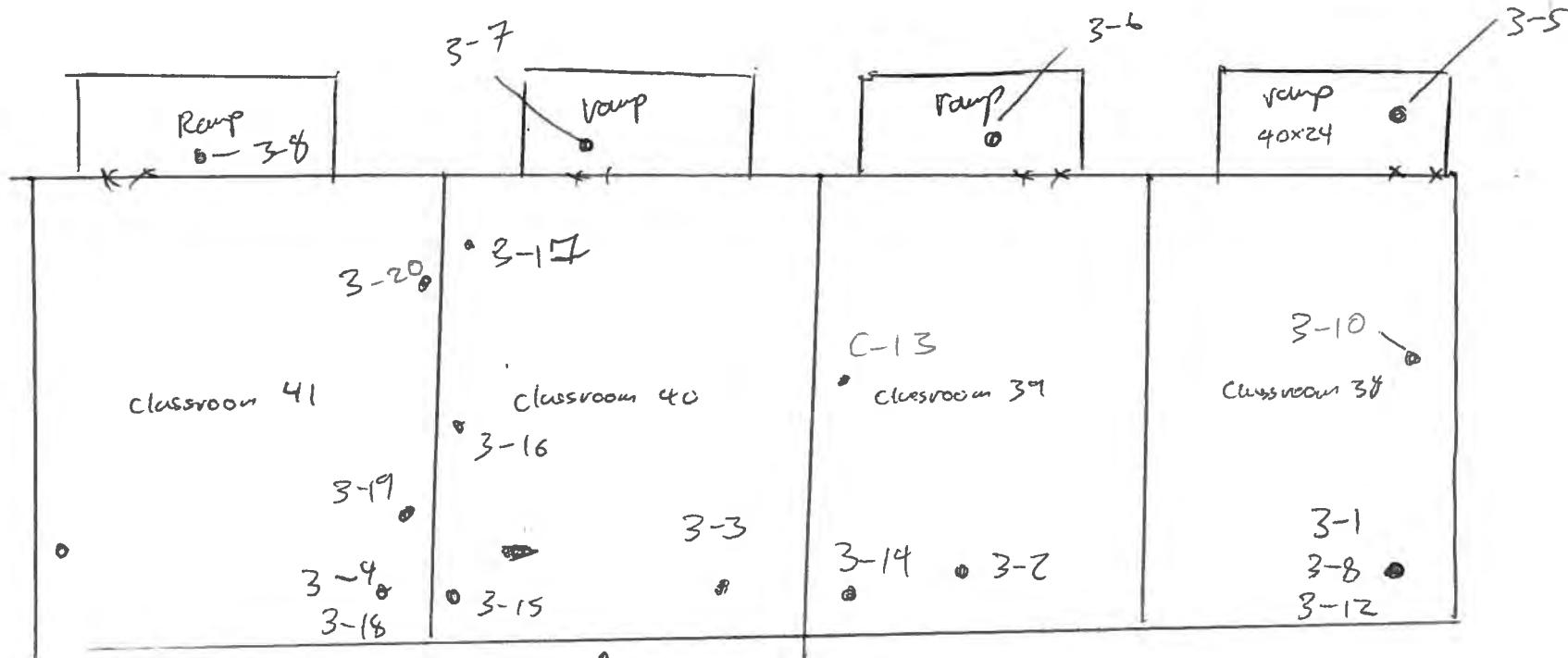
↑
N

40 x 23



- o 50 sqft of 12x12 grey speckled F1
- o 920 sqft of Dark green carpet
- 126 linear ft of 4 inch Dark grey baseboard

← N



• 960 sqft of 12x12
grey speckled FT

• 130 linear ft
of 6 inch Black
cove base

• 960 sqft of 12x12
grey speckled
Floor tile

No carpet

• 130 linear ft
of 4 inch
Black cove base
with adhesive

217 sqft 12x12
750 sqft carpet

130 linear ft of
4 inch grey
cove base.

60 sqft non-skid
Vinyl flooring

G [20] 16

Appendix D

Paint Chip Sample List: Lead

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt ES Building A

Page 1 of 5

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
wall	PC-25	drywall	white	room 35 northeast	building A	330	No	N/A
window case	PC-26	metal	white	library east center	building A	1,200	No	N/A
window case	PC-27	metal	green	room 36 east center	interior/exterior building A	<280	No	N/A
wall	PC-28	wood	brown	room 31 northeast	building A	160	No	N/A
cabinet	PC-29	wood	brown	room 31 northeast	building A	290	No	N/A
door	PC-30	metal	green	library southeast	building A interior door and	450	No	N/A
door	PC-31	wood	green	library northeast	building A	370	No	N/A
wall	PC-32	stucco	white	exterior northeast	exterior walls building A	<71	No	N/A
door	PC-33	metal	green	exterior 2nd floor northeast	building A exterior	<120	No	N/A
post	PC-34	metal	green	exterior 1st floor east center	building A support post, flashing	<51	No	N/A
hand rail	PC-35	metal	green	exterior 1st floor east center	building A exterior except at east center stairway	<110	No	N/A
downspout	PC-36	metal	white	exterior north center	building A downspout and wall hatch, wall vents	<50	No	N/A
stair	PC-37	metal	green	exterior north center	building A north stairway, end stair tread	<49	No	N/A
stair	positive by xrf	metal	green	#156	Building A east center stairway and southeast stairway	Pos by XRF test # 156	No	N/A

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt ES Building A

Page 2 of 5

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
hand rail	XRF 157	metal	green	#157	Building A east center stairway and southeast stairway	Pos by XRF test # 157	No	N/A

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6313
PROJECT NAME: Roosevelt ES Buildings B,C,D,H,E,G,K

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
door	PC-1	wood	white	storage room, building D,H	Buildings (interior), E,B,C,D,H,K,	200	no	n/a
door case	PC-2	wood	white	storage room building H	interior building H,E,B,C,D,K,	7,500	no	n/a
baseboard	PC-3	wood	white	southwest corner of auditorium building H	interior building H	1,500	no	n/a
vent	PC-4	metal	white	auditorium southwest corner Building H	interior building H,E,A,D,G,K,C	<71	no	n/a
wall	PC-5	plaster	white	building E classroom 14 south center	buildings H,D,E,B,C,K,	170	no	n/a
door	PC-6	metal	green	building D cafeteria North center	interior door and casings buildings H,D,E,C,B,K	<63	no	n/a
wall trim	positive by xrf	wood	white		interior buildings B,C,D,H,K,G,		no	n/a
fire cabinet	PC-7	metal	white	stage auditorium	building H	4,100	no	n/a
hand rail	PC-8	metal	purple	auditorium southwest corner Building H	interior building H	<63	no	n/a
window case	positive by xrf	wood	white		interior buildings H,B,C,D,E,G,K	positive by xrf	no	n/a
stage	PC-10	wood	white	auditorium southwest corner Building H	interior building H stage southwest	1,000	no	n/a
stage	PC-11	wood	brown	auditorium southwest corner Building H	interior building H stage southwest corner	<69	no	n/a
cabinet	positive by xrf	wood	white		storage room buildings H,C,E,B,D,G,K (painted in various colors)	positive by xrf	no	n/a
door	PC-13	wood	green	auditorium southeast corner	building H stage	3,800	no	n/a
door case	PC-14	metal	green	auditorium southeast corner	building H stage exterior buildings D	1,200	no	n/a
wall	PC-15	stucco	white	auditorium north center exterior	exterior buildings H,D,B,C,K,G,K	<51	no	n/a
wall	PC-16	stucco	green	auditorium north center exterior	exterior buildings H,D	3,000	no	n/a
window case	positive by xrf	wood	green	#171	exterior buildings H,C,E,B,K,G,D	positive by xrf	no	n/a
door	PC-17	metal	green	auditorium exterior north center	exterior buildings H,D,B,E,G,H,K	<197	no	n/a
hand rail	PC-18	metal	green	auditorium E center	exterior building H walkways	<400	no	n/a
post	positive by xrf	metal	green	#182	exterior buildings H,B,E walkways	positive by xrf	no	n/a
window case	positive by xrf	wood	white		interior buildings H,C,E,D,G,K	positive by xrf	no	n/a
door	XRF 31	metal	beige	see sample 31	heater closets- buildings B,K,G,C,F	positive by xrf	no	n/a
window case	positive by xrf	wood	white	shot # 10, # 41	interior buildings C,D,E,B,D,G,K	positive by xrf	no	n/a
window case	positive by xrf	wood	green	positive by xrf	interior/exterior buildings E,C,D,B,G,K,E	positive by xrf	no	n/a
wall	PC-21	drywall	white	classrooms 15 building E north center	interior buildings C,E,K,H,D,A	<83	no	n/a
wall trim	positive by xrf	wood	white	positive by xrf	interior buildings E,B,C,D,H,G,K	positive by xrf	no	n/a
doorcase	PC-23	metal	green	building E south center of classroom 15	interior and exterior building E	<81	no	n/a
hatch	PC-24	wood	white	building E hatch	exterior building E	97	no	n/a
vent	PC-25	metal	white	building E east center	exterior buildings E,B,C,D,G,K,F	<63	no	n/a
wall	PC-26	plaster	white	building C room 11 east center	exterior buildings E,B,C,D,G,K,F, H interiors	1,600	no	n/a
pipe	PC-27	metal	white	therapy room south center	building C therapy room, interior/exterior rooms B,D,E,G,H,K	<48	no	n/a
flashing	PC-28	metal	green	building G southwest corner	Building C exterior and Buildings B,D,E,H,G,K	<130	no	n/a
downspout	positive by xrf	metal	white		buildings H,D,E,B,C,K	positive by xrf	no	n/a
hand rail	PC-29	metal	green	building D southeast corner	building D exterior	<260	no	n/a

window case	PC-30	metal	green	building D northwest corner	interior/exterior buildings E,C,D,B,G,K,E, H	<167	no	n/a
wall	positive by xrf	plaster	white	shot # 90, 92	building E room 504 janitors closet	positive by xrf	yes (severly)	400 sq.ft.
door	PC-31	wood	beige	building C room 11 northwest corner	buildings E,C,B,D,H,G,K heater closets	<320	no	n/a
ceiling	PC-32	stucco	white	building G West center	walkways	<48	no	n/a
wall panel	PC-33	wood	white	building E exterior south center	building B,E,G,C	<58	no	n/a

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6313
PROJECT NAME: Roosevelt Elementary School, Portables

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
door case	PC-1	metal	white	building 1 room 1 northeast interior	building 1,2 interior, door, door case, window case	<110	no	n/a
door	PC-2	metal	green	building 1 room 1 northeast exterior	building 1,2 exterior, door, door case, window case	<75	no	n/a
gutter	PC-3	metal	green	building 2 room 2 east center exterior	building 1,2 exterior gutter, downspout, wall trims, flashing	<72	no	n/a
door	PC-4	metal	green	building 7 interior southwest	building 7 interior/exterior door, casing	<48	no	n/a
beam	PC-5	metal	green	building 7 exterior northwest	building 7 structural beams/columns; flashing	<47	no	n/a
wall	PC-6	wood	white	building 7 north center	building 7 exterior walls	<59	no	n/a
hand rail	PC-7	metal	green	building 7 west center	building 7 west end	<84	no	n/a
gutter	PC-8	metal	green	building 7 southwest	building 7 gutters and downspouts	<50	yes	6 sq.ft.
door	PC-9	metal	brown	building 24 northeast	portables 22-26 interior door and casing	<100	no	n/a
window case	PC-10	wood	brown	building 22 north center	portables 22-26 interior	<100	no	n/a
wall	PC-11	wood	white	building 24 southwest	exterior walls portables 22-26	<49	no	n/a
door	PC-12	metal	green	building 26 northeast	exterior door ceiling of portables 22-26	<47	no	n/a
beam	PC-13	metal	green	building 23 south east exterior	building 22-26 structural beams	<69	no	n/a
floor	PC-14	wood	green	building 26 northeast	building 22-26 exterior ramp	<47	yes	400 sq.ft.
gutter	PC-15	metal	green	building 26 south center	building 22-26 gutters and downspout	<58	no	n/a
wall trim	PC-16	wood	green	building 25 northwest	building 22-26 exterior trim	<47	no	n/a
flashing	PC-17	metal	green	building 24 northwest	building 22-26	<49	no	n/a
door	PC-18	metal	green	building 38 southeast	building 38-41 door, door casing, interior/exterior	<64	no	n/a
wall	PC-19	wood	white	building 40 west center	building 38-41 exterior ceilings, lower part of walls	<49	no	n/a
ceiling	PC-20	wood	green	building 38 east center	building 38-41 exterior	<49	no	n/a
floor	PC-21	wood	green	building 38 east center	building 38-41 at entry doors	<110	yes	400 sq.ft.
hand rail	PC-22	metal	green	building 41 east center	building 38-41 exterior	<95	no	n/a
column	PC-23	metal	green	building 40 southwest	buildings 38-41 structural beams and columns	<70	no	n/a
gutter	PC-24	metal	green	building 41 northeast	buildings 38-41 gutter and downspout	<77	no	n/a



Client:

Salem

Project No.:

Project Name:

Roosevelt Bldg A

Paint Chip Sample List

Technician: F. Ruvalcaba

Date: 9-22-16

Page: 1 of 2

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
330	Wall	PC-25	Drywall	white	R- 36-N/E	Bldg A			
1200	Wooden Case	-26	Metal	white	Library - Ext	Bldg A			
L28	+	27	+	Green	Rm 36 - R/Ct	Inter/Exter			
160	Wall	28	Wood	Brown	R- 31 - N/E	Bldg A			
290	Cabinet	29	+	+	+	Bldg A			
450	Door	30	Metal	Green	Library - S/E	Ext Bldg A - Inter Door! Colors			
370	Door	31	Wood	Green	Library - N/E	Bldg A			
L71	Wall	32	Stucco	White	Exter - O/E	Exter walls Bldg A			
L120	Door	33	Metal	Green	Exter - 2nd Flr N/E	Bldg A - Exter			
L57	Post	34	+	+	Exter - 1st Flr E/W	Bldg A - support Post, Flashing, Gutter			
L110	Wood Case	35	Metal	Green	+	Bldg A - Exter except at Eas + ctor Stanley Y.			



ALTA
ENVIRONMENTAL

Client: Smith
Project No.: _____
Project Name: Roosevelt F.S.

Paint Chip Sample List

Technician: F. Luv. Lulu
Date: 9-22-16
Page: 2 of 2



ALIA
ENVIRONMENTAL

Report Number: 001

Client:

S穆

Project No.:

Project Name:

Roosevelt - E.S. - Bldg B, C, D, H, E, G, K

Paint Chip Sample List

Technician: Fabian Ruvalcaba Anthony Vides
Date: 9/22/16
Page: 1 of 9

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
200	0001	pc-1	wood	white	Storage room, Bldg B (H)	Buildings # (Interior) E, B, C, D, H, H, K	n	-	
7500	Door case	pc-2	wood	white	Storage room - (Bldg H)	Interior - Building H Building E - H, B, C, D, G, K	n	-	
1500	Baseboard	pc-3	wood	white	For SW cover of Auditorium (Bldg H)	Interior - Building H	n	-	
171	Vent	pc-4	metal	white	Auditorium SW cover (Bldg H)	Interior - Building H E, A, D, G, K, C	n	-	



Client:

SMUSO

Project No.:

Project Name: Roosevelt E.S. - Blk 5, C, D, H, E, G, K

Paint Chip Sample List

Technician: Fabian Ruvalcaba Anthony Ulcata
Date: 9/22/16
Page: 2 of 9

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	170	wall plaster	pc-5	plaster	white	Building E classroom 14 S c/t	Buildings H, B, D, E B, C, B, K, G	~	-
	K63	Door	pc-6	metal	green blue	Building D cafeteria N c/t	Interior door and casing - Building H, D E, C, B, K, G	~	-
		ext wall trim	positive by XRF	wood white	white		Exterior - bld, B, C, D, H, E, G, K	~	-
	410U	Fire cabinet	pc-7	metal	white	Stage - Auditorium	Building H	~	-



Client:

Schedule

Project No.:

Project Name:

osceola f. s. -

Paint Chip Sample List

Technician: Fabian Ruederichsen Andrew Wicke

Date: 9/22/10

Page: 3 of 9



Client:

Sherman

Project No.:

Project Name:

Doosevelt E.S. - 6C, 4, B, C, D, E, G, H, K

Paint Chip Sample List

Technician: Fabien Ruvalcaba Anthony Ulrete

Date: 9/22/16

Page: 4 of 8

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	2800	Cabinet	pc-12	wood	white	positive by XRF	Storage room Bldg H Interior Bldgs B, C, E, F, G, H, K (Painted Various Colors)	~	-
	3800	Door	pc-13	wood	green	Auditorium SE corner	Building 1f stage	~	-
	1200	Door case	pc-14	metal	green	Auditorium SE corner	Building 1f stage	~	-
L5	Wall		pc-15	Stucco	white	Auditorium N c/r exterior	Exterior, Bldg D	~	-
3000	Wall		pc-16	Stucco	green	Auditorium N c/r exterior	Exterior Bldg H, D B, C, E, G, H, K	~	-
	exterior door case	positive by XRF		wood	green	#171	Exterior Bldg H, G (C, E, G part) exterior door case K, G, D	~	-



ALTA
ENVIRONMENTAL

Client:

Sun we

Project No.:

Project Name:

Paint Chip Sample List

Technician: Fabian Rauschke Anzug Miete

Date: 9/22/16

Page: 5 of 8

B, C, D, E, G, H, K

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	L197	Door	pc-17	Metal	green	Auditorium Exterior N Ctr -	Exterior Bldgs H, D, B, E, G, H, K	N	-
	L400	Hand rail	pc-18	Metal	green	Auditorium E C/F	Exterior Bldgs H (walkways)	N	-
	Post	positive by XRF		Metal	green	#182	Exterior Bldgs H, E (walkways)	N	-
	Window case	positive XRF		Wood	white	#	Interior Buildings H, C, E, B (at the gated gate street), D, G, K	N	-

Client:

Survey

Project No.:

Project Name:

Roosevelt F.S.-

Paint Chip Sample List
Building B

Technician:

F. Rummel

Date:

9-22-16

Page:

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of

Q

B129 B, C, D, E, G, H, K

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Door	See 31 PC-19	metal	Beige	See sample 31	Old Heater closets - Buildings B, B, E, G, C, K	N	-
		Window case	Positive by XRF	Wood	white	Shot #10, #91	Interior - Buildings B C, D, E, B, D, G, K	N	-
		Window case	positive PC-20	wood	green	positive by XRF	Interior / Exterior Buildings B, E, C, D, B, H, K, E	N	-
L83		Drywall ceiling	PC-21	drywall	white	Classroom 15 Bldg E N cl/r	Interior Buildings B C, E, K, H, D, A	N	-
		Wall	positive PC-22	trim	white	positive by XRF	Interior Building B E Rooms B, C, D, H, G, K	N	-

Client:

Slauson

Project No.:

Project Name:

Roosevelt E.S.

Paint Chip Sample List

Technician: F-Fuvelab.

Date: 9-22-16

Page: 1 of 9

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Cabinets	positive by XRF	wood	white	Shanty #23			
		Cabinet	positive XRF	wood	green	Bldg E Room 8 Shot #27			
		Cabinet	positive XRF	wood	yellow	Bldg E Room 8 Shot #28			
181		Doorase	PC-23	metal	green	Bldg Interior E Exterior Building E	Bldg E S of of classroom 15	N	-
97		Holiday Hatch	pc-29	wood	white	Exterior Building E	Bldg E Hatch	N	-
163		Vent	pc-25	metal	white	Exterior Bldg E	Bldg E East CT		



Client:

Snowd

Project No.:

Project Name: Roosevelt E.S. - Bldg B, C, D, E, G, H, K

Paint Chip Sample List

Technician:

F. Favela

Date:

9-22-16

Page:

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of

8

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	1600	Wall	pc-26	plaster	white	Bldg B, Interior, 2nd floor, room 11, ECFT	Building C therapy room	N	-
						Bldg B, C, D, E, G, H, K, 1st floor			
		Wall trim by XRF	positive by XRF	wood	white	#57	Building C therapy room	N	-
L48		Pipe	pc-27	metal	white	therm room SCFT	Building C therapy room, B, D, E, G, H, K	N	-
							Interior/Exterior		
K130		Downspout Flashing Downspout	pc-28	metal	white/green	Building C or SCW corner	Building C Exterior, S, D, E, H, G, K	N	-
			pc-250	metal	white	positive G, XRF	Building C, 80, E, H, G, K	N	-
L260		Hand rail	pc-29	metal	green	Ex Building D SE corner	Exterior Olds O.	N	-
							Exterior		
L167		Window case	pc-30	metal	green	Building D NW corner	Interior Bldgs D, B, C, H, E, G, K	N	-
							Interior/Exterior		



Client:

Sawyer

Project No.:

Project Name:

Roosevelt for S.

Paint Chip Sample List

Technician

F. Revalcacé

Date: 9-22-16

Page: 9 of 9



ALTA
ENVIRONMENTAL

Client:

SAC USD

Project No.:

Project Name:

Roosevelt F.S.
(Portables)

Paint Chip Sample List

Technician: F-Lavalcoza

Date: 9-21-16

Page: 1 of 3

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	L10	Door case	PC-1	metal	white	Bldg 1 - Rm 1 - P/B (Interior)	Bldg 1: 2	N	—
	L75	Door	2	metal	green	Bldg 1: 2 - Exterior	Interior - Door, Door Case, Window Cases Bldg 1: 2 - Exterior	N	—
	L72	Gutter	3	metal	green	Bldg 2 - R-2 - Exterior - (Exterior)	Door, Door Case, Window Case Bldg 1: 2 - Exterior	N	—
	L48	Door	4	metal	green	Bldg 7 - Interior - S/W	Gutter, Downspout, Wall Trim, Flashing Bldg 7 - Interior/Exterior	N	—
	L49	Beam	5	metal	green	Bldg 7 - Exterior - N/W	Door; Casing Bldg 7 - Structural	N	—
	L59	wall	6	wood	white	Bldg 7 - P/C/L	Beam / Columns; Flashing Bldg 7 - Exterior	N	—
	L84	Handrail	7	metal	green	Bldg 7 - W/C/L	Walls Bldg 7 - West	N	—
	L50	Gutter	8	metal	green	Bldg 7 - S/W	End Bldg 7 - Gutter;	Yes	659 FT
	L100	Door	PC-9	metal	brown	Bldg 24 - N/B	Damaged Portables 22-P26	N	—
	L100	Window case	10	wood	—	Bldg 22 - N/C/L	Interior - Door, Casing Portables 22-P26	N	—
	L49	wall	11	wood	white	Bldg 24 - S/W	Interior Exterior walls Portables	N	—
							22-P26		



Client:

SACRED

Project No.:

Project Name: Roosevelt F.S. (Partables)

Paint Chip Sample List

Technician: F. Kueckelb.

Date: 9-21-16

Page: 2 of 3

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	L47	Door	PC-12	Metal	Green	Bldg 26 - N/E	Exterior Door; Casings Partables 22->26	N	-
	L69	Beam	13	Metal	Green	Bldg 23 - S/E	Bldg 22->26	N	-
	L47	Floor	14	Wood	Green	Bldg 26 - N/E	Structural Beams / Handing	Yes	400
	L58	Gutter	15	Metal	Green	Bldg 26 - S/CW	Exterior - Ramp Bldg 22->26	N	5ft
	L47	wall Trim	16	wood	Green	Bldg 25 - N/W	Gutters; Downspout. Bldg 22->26	N	-
	L49	Rushig	17	Metal	Green	Bldg 24 - D/W	Exterior - Trim Bldg 22->26	N	-
	L64	Door	PC-18	Metal	Green	Bldg 38 - E/S/E	Bldg 38 - 41 - Door; Casings Interior / Exterior	N	-
	L49	wall	19	wood	wh.7c	Bldg 40 - W/C	Bldg 38->41 Exterior	N	-
	L49	Ceiling	20	wood	green	Bldg 38 - E/C/E	Ceilings; Local Particles off Walls Bldg 38->41	N	-
	L110	Floor	21	J	J	Bldg 38 - E/C/E	Exterior Bldg 38->41	Yes	400
	L95	Handrail	22	Metal	green	Bldg 41 - E/C/E	at Tandy Ranch Bldg 38->41	N	56ft
							Exterior		



ALTA
ENVIRONMENTAL

Client:

Smeso

Project No.:

Project Name:

Paint Chip Sample List

Technician: L. Knuelech

Date: 9-21-16

Page: 3 of 3

Appendix E

Laboratory Analytical Report: 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-16-6283
Project Name: Roosevelt E.S.
Location: Bldg A

Report Number: **1625652**

Date Received: 9/26/2016 Date Sampled: 9/22/2016
Date Analyzed: 9/29/2016 Sampled By: Fabian Ruvalcaba
Date Reported: 9/29/2016 Total Samples: 13

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)
1625652-001 PC-25	Wall Drywall White - Bldg A	0.1028	330
1625652-002 PC-26	Windowcase Metal White - Bldg A	0.0284	1200
1625652-003 PC-27	Windowcase Metal Green - Bldg A	0.0179	< 280
1625652-004 PC-28	Wall Wood Brown - Bldg A	0.1001	160
1625652-005 PC-29	Cabinet Wood Brown - Bldg A	0.0521	290
1625652-006 PC-30	Door Metal Green - Bldg A	0.0743	450
1625652-007 PC-31	Door Wood Green - Bldg A	0.0860	370
1625652-008 PC-32	Wall Stucco White - Bldg A	0.0703	< 71
1625652-009 PC-33	Door Metal Green - Bldg A	0.0434	< 120
1625652-010 PC-34	Post Metal Green - Bldg A	0.0978	< 51
1625652-011 PC-35	Handrail Metal Green - Bldg A	0.0437	< 110
1625652-012 PC-36	Downspout Metal White - Bldg A	0.1010	< 50



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

Report Number: 1625652
Alta Environmental

Project Number: SMSD-16-6283
Project Name: Roosevelt E.S.
Location: Bldg A

Lead in Paint by Flame AAS

Lab ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1625652-013 PC-37	Stair Metal Green - Bldg A	0.1025	< 49

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

A handwritten signature in black ink that reads "Cristina E. Tabatt".

Approved Signatory- Cristina E. Tabatt

CHAIN OF CUSTODY

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

(Lab) Order No.
1625652

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alpha Enviro	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	Long Beach, CA	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	Cesar Ruvalcaba	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 checked="" type="checkbox"/>	Mail <input type="checkbox"/>
Cell	310 951 9485	Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax	562 495 5877			
Email	bse results@alphaenviro.com			
Special Instructions: Bldg A				

PROJECT INFORMATION

Project Name:	Roosevelt E.S. - Bldg A	PO Number:	
Project Number:	S1450-16-6283	Work Order No.:	
Location:	Roosevelt E.S.	Sampled By:	Fabian Ruvalcaba

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 Sampled	Start Time	Avg Flow Rate	Volume (L)
PC-25	Exell Drywall white	Bldg A	9/22/16	-----		
26	Window case metal white					
27	Window case metal green					
28	Wall wood Brown					
29	Cabinet wood Brown					
30	Door metal green					
31	Door wood green					
32	Wall stucco white					
33	Door metal green					
34	Post metal green					
35	Hard wall metal green					
36	Downsport metal white					
37	Stair metal green					

Relinquished By:	Received By:
Date/Time: 9/25/16	Date/Time: 9/26/16 0800
Relinquished By:	Received By:
Date/Time:	Date/Time:



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-16-6283
Project Name: Roosevelt E.S.
Location: Bldg B, C, D, E, H-K

Report Number: **1625653**

Date Received: 9/26/2016 Date Sampled: 9/22/2016
Date Analyzed: 9/29/2016 Sampled By: Fabian Ruvalcaba
Date Reported: 9/29/2016 Total Samples: 28

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

Lead (Pb) in Paint by Flame AAS

Lab ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1625653-001 PC-1	Door Wood White - Roosevelt E.S.	0.0579	2000
1625653-002 PC-2	Doorcase Wood White - Roosevelt E.S.	0.0935	7500
1625653-003 PC-3	Baseboard Wood White - Roosevelt E.S.	0.1030	1500
1625653-004 PC-4	Vent Metal White - Roosevelt E.S.	0.0703	< 71
1625653-005 PC-5	Wall Plaster White - Roosevelt E.S.	0.1011	170
1625653-006 PC-6	Door Metal Green - Roosevelt E.S.	0.0796	< 63
1625653-007 PC-7	Fire Cabinet Metal White - Roosevelt E.S.	0.1001	4100
1625653-008 PC-8	Handrail Metal Purple - Roosevelt E.S.	0.1024	< 49
1625653-009 PC-9	NOT USED		
1625653-010 PC-10	Stage Wood White - Roosevelt E.S.	0.1012	1000
1625653-011 PC-11	Stage Wood Brown - Roosevelt E.S.	0.0723	< 69
1625653-012 PC-12	NOT USED		



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

Report Number: 1625653
Alta Environmental

Project Number: SMSD-16-6283
Project Name: Roosevelt E.S.
Location: Bldg B, C, D, E, H-K

Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	(% w/w)	Lead Concentration ppm (mg/kg)
1625653-013 PC-13	Door Wood Green - Roosevelt E.S.	0.1002		3800
1625653-014 PC-14	Doorcase Metal Green - Roosevelt E.S.	0.0543		1200
1625653-015 PC-15	Wall Stucco White - Roosevelt E.S.	0.0987		< 51
1625653-016 PC-16	Wall Stucco Green - Roosevelt E.S.	0.1033		3000
1625653-017 PC-17	Door Metal Green - Roosevelt E.S.	0.0254		< 197
1625653-018 PC-18	Handrail Metal Green - Roosevelt E.S.	0.0125		< 400
1625653-019 PC-19	NOT USED			
1625653-020 PC-20	NOT USED			
1625653-021 PC-21	Wall Drywall White - Roosevelt E.S.	0.0599		< 83
1625653-022 PC-22	NOT USED			
1625653-023 PC-23	Doorcase Metal Green - Roosevelt E.S.	0.0615		< 81
1625653-024 PC-24	Hatch Wood White - Roosevelt E.S.	0.0621		97
1625653-025 PC-25	Vent Metal White - Roosevelt E.S.	0.0792		< 63
1625653-026 PC-26	Wall Plaster White - Roosevelt E.S.	0.0361		1600
1625653-027 PC-27	Pipe Metal White - Roosevelt E.S.	0.1037		< 48
1625653-028 PC-28	Flashing Metal Green - Roosevelt E.S.	0.0372		< 130
1625653-029 PC-29	Handrail Metal Green - Roosevelt E.S.	0.0194		< 260
1625653-030 PC-30	Windowcase Metal Green - Roosevelt E.S.	0.0300		< 167



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

Report Number: 1625653
Alta Environmental

Project Number: SMSD-16-6283
Project Name: Roosevelt E.S.
Location: Bldg B, C, D, E, H-K

Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1625653-031 PC-31	Door Wood Beige - Roosevelt E.S.	0.0156	< 320
1625653-032 PC-32	Ceiling Stucco White - Roosevelt E.S.	0.1039	< 48
1625653-033 PC-33	Wall Panel Wood White - Roosevelt E.S.	0.0860	< 58

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

(Lab) Order No.

1625653

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:		
Company	Aita Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>		
Address	3777 Long Beach Blvd	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>		
City/State/Zip	Long Beach, CA	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>		
Contact	Cesar Ruvalcaba	3 Day <input type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>		
Office Phone	562 4955 777	5 Day <input checked="" type="checkbox"/>	Drop Box <input checked="" type="checkbox"/>	Mail <input type="checkbox"/>		
Cell	310 951 9485	Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>		
Fax	562 4955 877	Special Instructions: Bldg B, C, D, E, G, H, K				
Email	bse results @altaenvironmental.com					
PROJECT INFORMATION						
Project Name:	Roosevelt E.S - Bldg B, C, D, E, G, H	PO Number:				
Project Number:	KMSD-16-6283	Work Order No.:				
Location:	Roosevelt E.S	Sampled By:	Fabian Ruvalcaba			
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 Sampled	Start Time	Avg Flow Rate	Volume (L)
PC-1	Door wood white	Roosevelt E.S	9/22/16	-----		
PC-2	Doorcase wood white			-----		
PC-3	Base board wood white			-----		
PC-4	Vent metal white			-----		
PC-5	Wall plaster white			-----		
PC-6	Door metal green			-----		
PC-7	Fire cabinet metal white			-----		
PC-8	Hand rail metal purple			-----		
PC-9	- Not Used -			-----		
PC-10	Stage wood white			-----		
Relinquished By:	Anthony Viteira	Received By:	Monica Padilla			
Date/Time:	9/25/16	Date/Time:	9/26/16 0800			
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:	Altair environmental	
Project Number:	S14LSD-16-6283	
Project Name:	Roosevelt	E.S

(Lab) Order No. 1625653

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
PC-11	Stage wood Brown	Roosevelt E.S	9/22/16			
PC-12	Not USED ---					
PC-13	Door wood green					
PC-14	Door case metal green					
PC-15	Wall stucco white					
PC-16	Wall stucco green					
PC-17	Door metal green					
PC-18	Hand rail metal green					
PC-19	Not USED					
PC-20	Not USED					
PC-21	Wall drywall white					
PC-22	Not USED Overall floor white					
PC-23	Door case metal green					
PC-24	Hand rail wood white					
PC-25	Vent metal white					
PC-26	Wall plaster white					
PC-27	Pipe metal white					
PC-28	Fleischly Metal green					
PC-29	Hand rail metal green					
PC-30	Welded case metal green					
Relinquished By:	Anthony Vicente	Received By:				
Date/Time:	9/25/16	Date/Time:				
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@AQenviro.com

Company:	After Environment
Project Number:	S1450-16-6283
Project Name:	Roosevelt EoS

(Lab) Order No. 1625653

Relinquished By: <u>Audrey Ulcude</u>	Received By: <u>Connie Pagan</u>
Date/Time: <u>9/25/16</u>	Date/Time: <u>9/26/16 0800</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:



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-16-6283
Project Name: Roosevelt E.S.
Location: Portables

Report Number: **1625654**

Date Received: 9/26/2016 Date Sampled: 9/21/2016
Date Analyzed: 9/29/2016 Sampled By: Fabian Ruvalcaba
Date Reported: 9/29/2016 Total Samples: 24

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)
1625654-001 PC-1	Doorcase Metal White - Portables	0.0464	< 110
1625654-002 PC-2	Door Metal Green - Portables	0.0670	< 75
1625654-003 PC-3	Gutter Metal Green - Portables	0.0699	< 72
1625654-004 PC-4	Door Metal Green - Portables	0.1050	< 48
1625654-005 PC-5	Beam Metal Green - Portables	0.1059	< 47
1625654-006 PC-6	Wall Wood White - Portables	0.0847	< 59
1625654-007 PC-7	Handrail Metal Green - Portables	0.0594	< 84
1625654-008 PC-8	Gutter Metal Green - Portables	0.1003	< 50
1625654-009 PC-9	Door Metal Brown - Portables	0.0484	< 100
1625654-010 PC-10	Windowcase Wood Brown - Portables	0.0475	< 100
1625654-011 PC-11	Wall Wood White - Portables	0.1022	< 49
1625654-012 PC-12	Door Metal Green - Portables	0.1055	< 47



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

Report Number: 1625654
Alta Environmental

Project Number: SMSD-16-6283
Project Name: Roosevelt E.S.
Location: Bldg B, C, D, E, H-K

Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	(% w/w)	Lead Concentration ppm (mg/kg)
1625654-013 PC-13	Beam Metal Green - Portables	0.0723		< 69
1625654-014 PC-14	Floor Wood Green - Portables	0.1057		< 47
1625654-015 PC-15	Gutter Metal Green - Portables	0.0880		< 58
1625654-016 PC-16	Wall Trim Wood Green - Portables	0.1075		< 47
1625654-017 PC-17	Flashing Metal Green - Portables	0.1026		< 49
1625654-018 PC-18	Door Metal Green - Portables	0.0776		< 64
1625654-019 PC-19	Wall Wood White - Portables	0.1011		< 49
1625654-020 PC-20	Ceiling Wood Green - Portables	0.1028		< 49
1625654-021 PC-21	Floor Wood Green - Portables	0.0448		< 110
1625654-022 PC-22	Handrail Metal Green - Portables	0.0527		< 95
1625654-023 PC-23	Column Metal Green - Portables	0.0713		< 70
1625654-024 PC-24	Gutter Metal Green - Portables	0.0650		< 77

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

(Lab) Order No. 1625654

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:		
Company Address City/State/Zip Contact Office Phone Cell Fax Email	<u>Alta Envirocenter</u>	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>		
	<u>3777 Lucy Beck</u>	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>		
	<u>Louis Becken, CA</u>	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>		
	<u>Cesar Ruvalcaba</u>	3 Day <input type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>		
	<u>562 495 5777</u>	5 Day <input checked="" type="checkbox"/>	Drop Box <input checked="" type="checkbox"/>	Mail <input type="checkbox"/>		
	<u>310 951 9485</u>	Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>		
			Special Instructions: <u>Per table.</u>			
PROJECT INFORMATION						
Project Name:	<u>Roosevelt E.S - Partables</u>		PO Number:			
Project Number:	<u>S14SD-16-6283</u>		Work Order No.:			
Location:	<u>Roosevelt E.S</u>		Sampled By:	<u>Fabian Ruvalcaba</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"/>	TTL ^C <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 Sampled	Start Time	Avg Flow Rate	Volume (L)
PC-1	Doorcase metal white	<u>Partables</u>	<u>9/21/16</u>	-----	-----	-----
PC-2	Door metal green			-----	-----	-----
PC-3	Gutter metal green			-----	-----	-----
PC-4	Door metal green			-----	-----	-----
PC-5	Beam metal green			-----	-----	-----
PC-6	Locut wood white			-----	-----	-----
PC-7	Hand rail metal green			-----	-----	-----
PC-8	Gutter metal green			-----	-----	-----
PC-9	Door metal Brown			-----	-----	-----
PC-10	Window case wood brown			-----	-----	-----
Relinquished By: <u>Anthony Vicente</u>	Received By: <u>Oppenheimer</u>					
Date/Time: <u>9/25/16</u>	Date/Time: <u>9/26/16 0800</u>					
Relinquished By:	Received By:					
Date/Time:	Date/Time:					



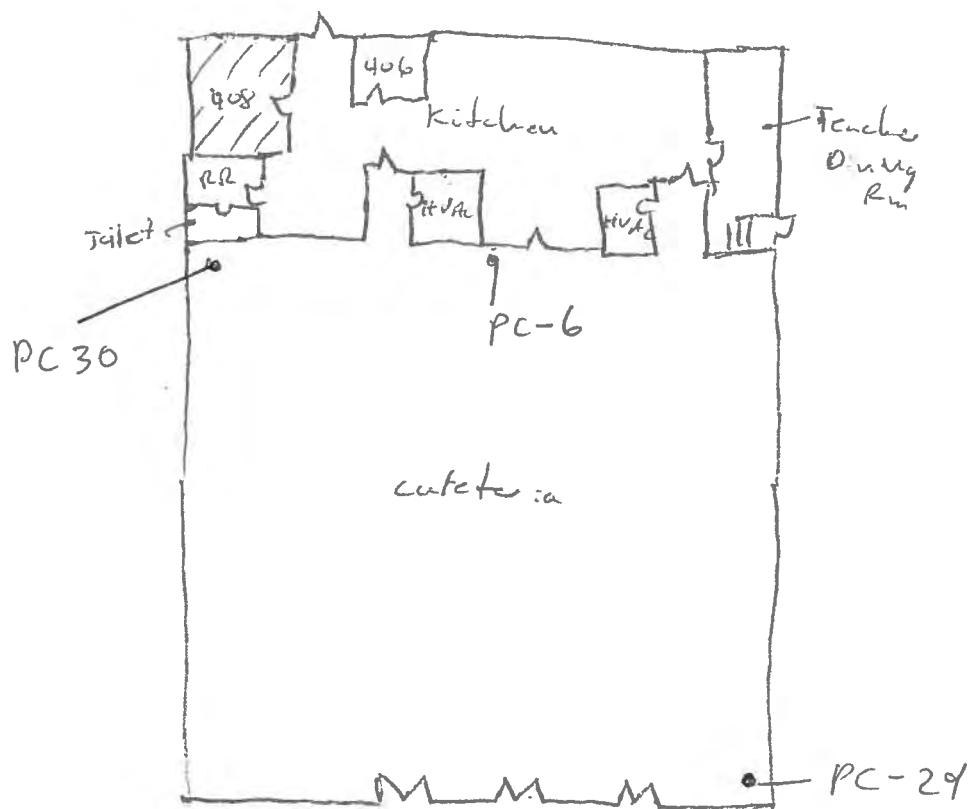
CHAIN OF CUSTODY

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

Appendix F

Sample Location Map: Lead

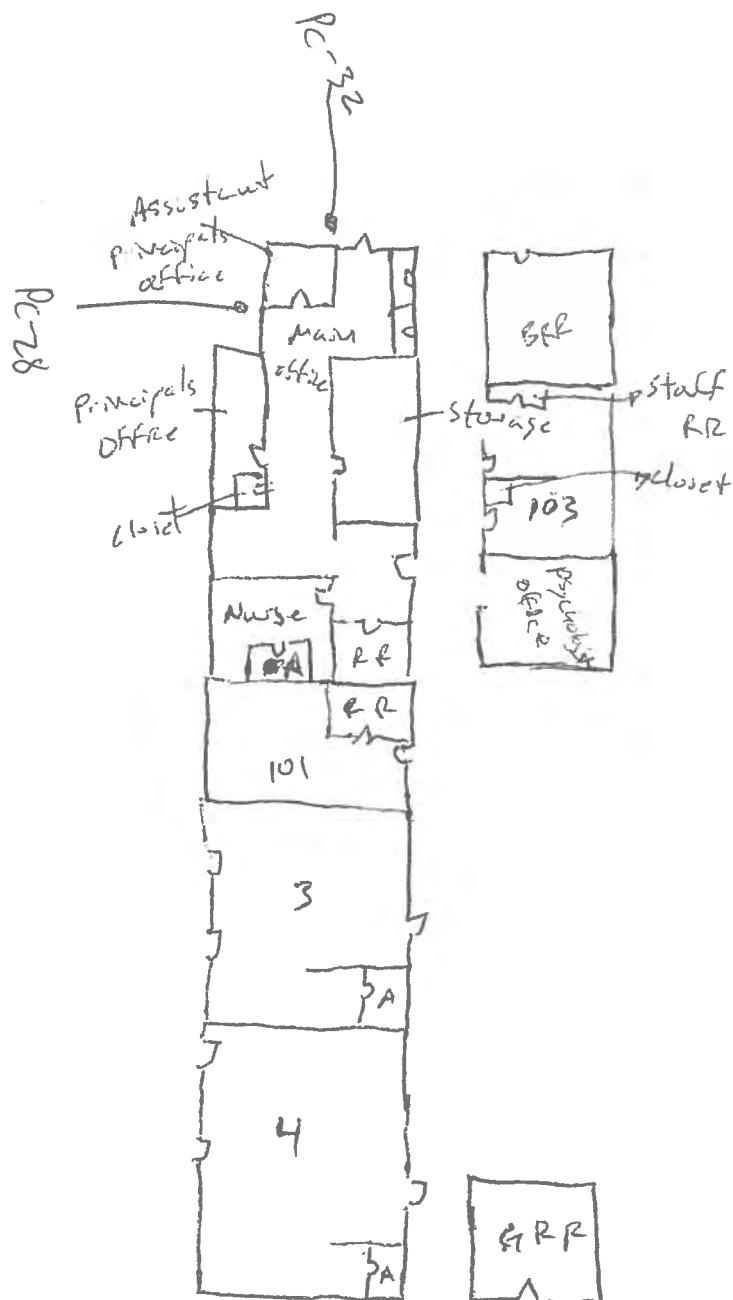
Paint chip sample list 9/22/16



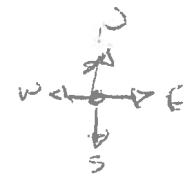
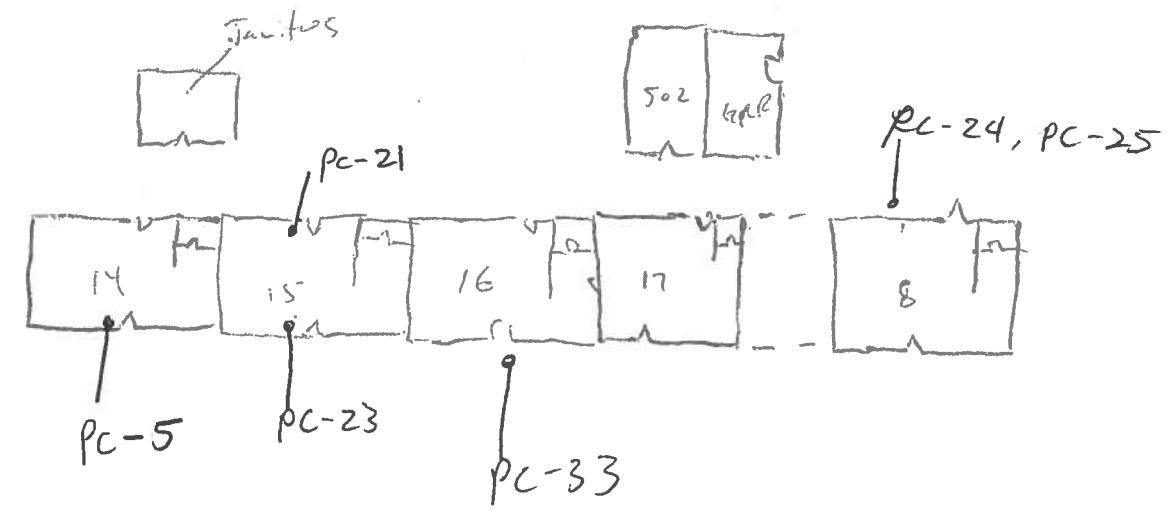
Bldg D
F. Foundation
9-19-16



Paint chip sample locations 9/22/16



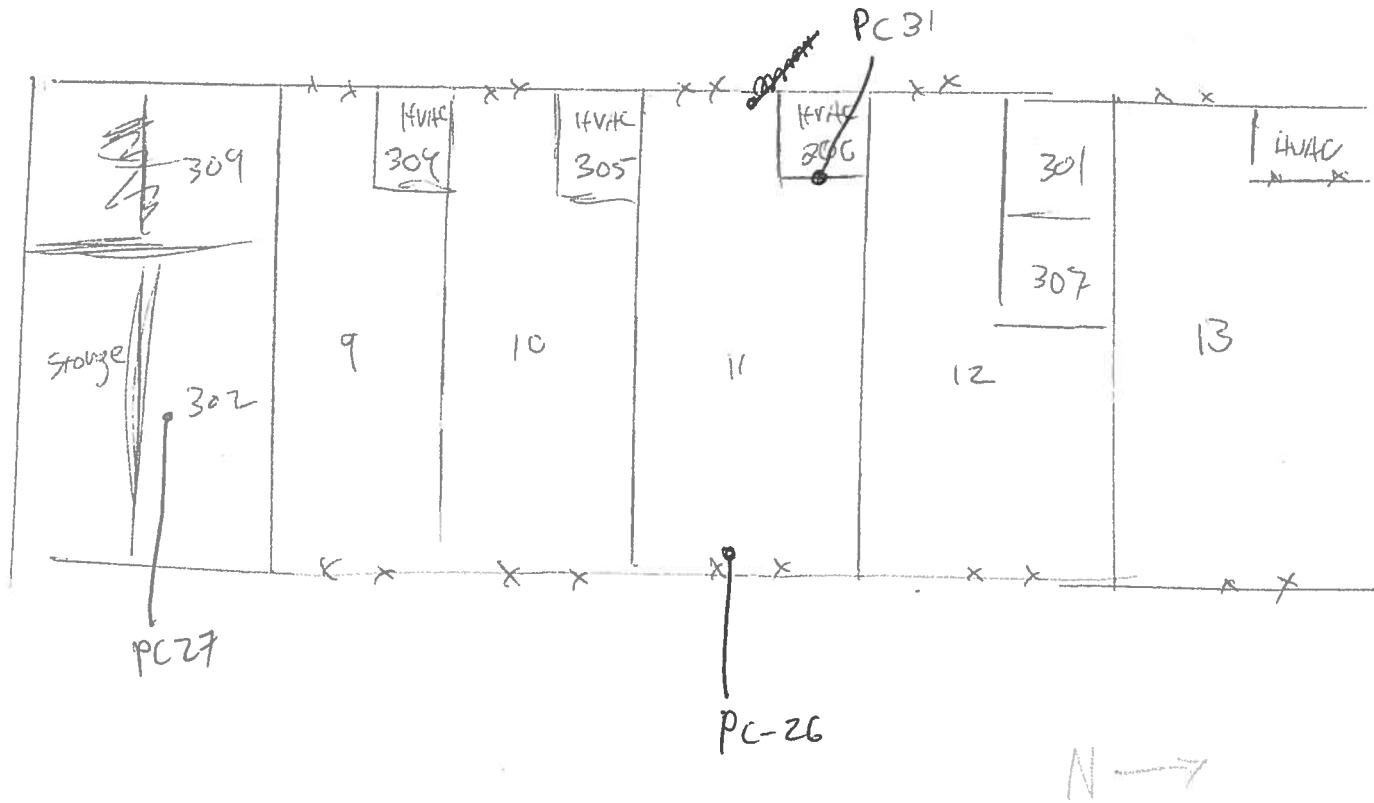
Paint chip sample locations 9/22/16



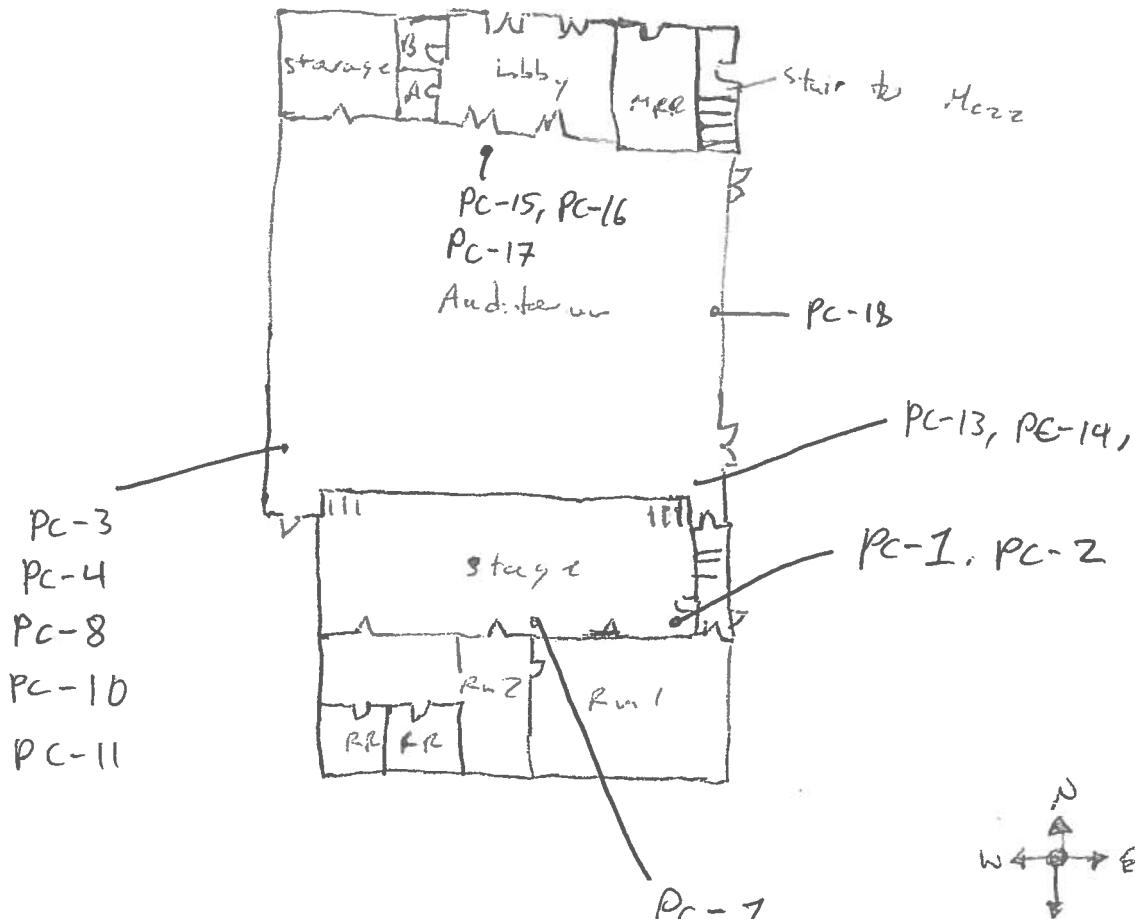
Bldg E

Point clip sample locations 9/22/16

Building C

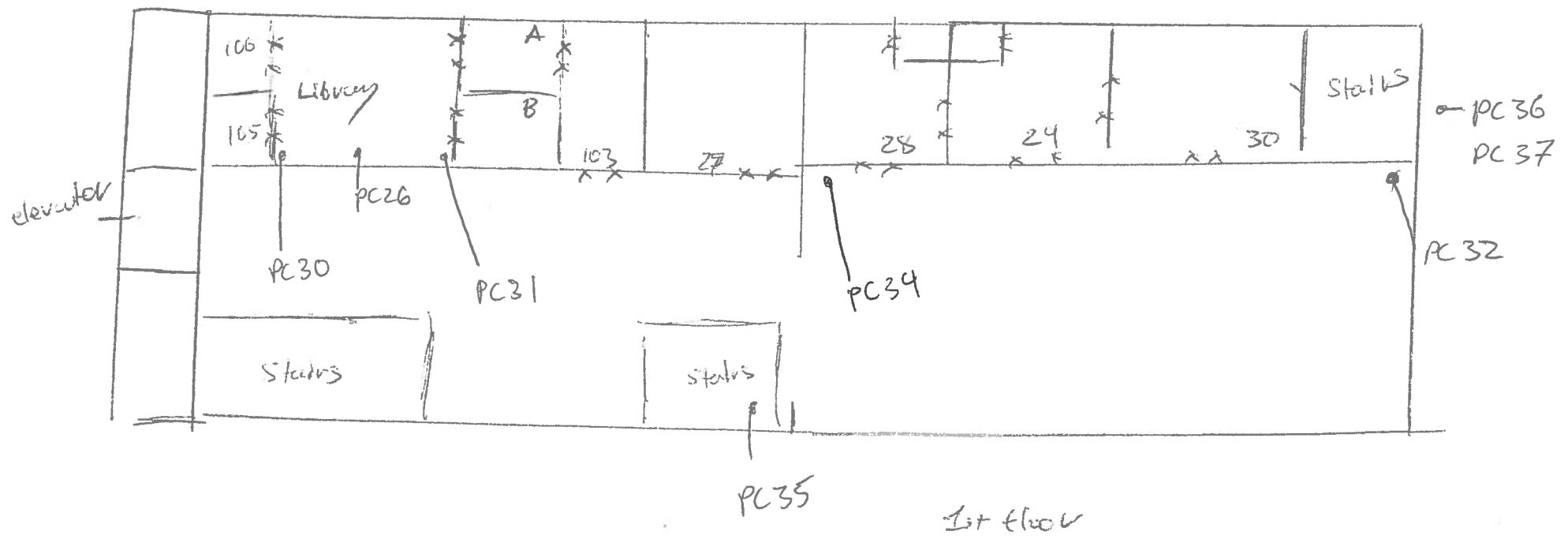


patut chip sample location 9/22/16



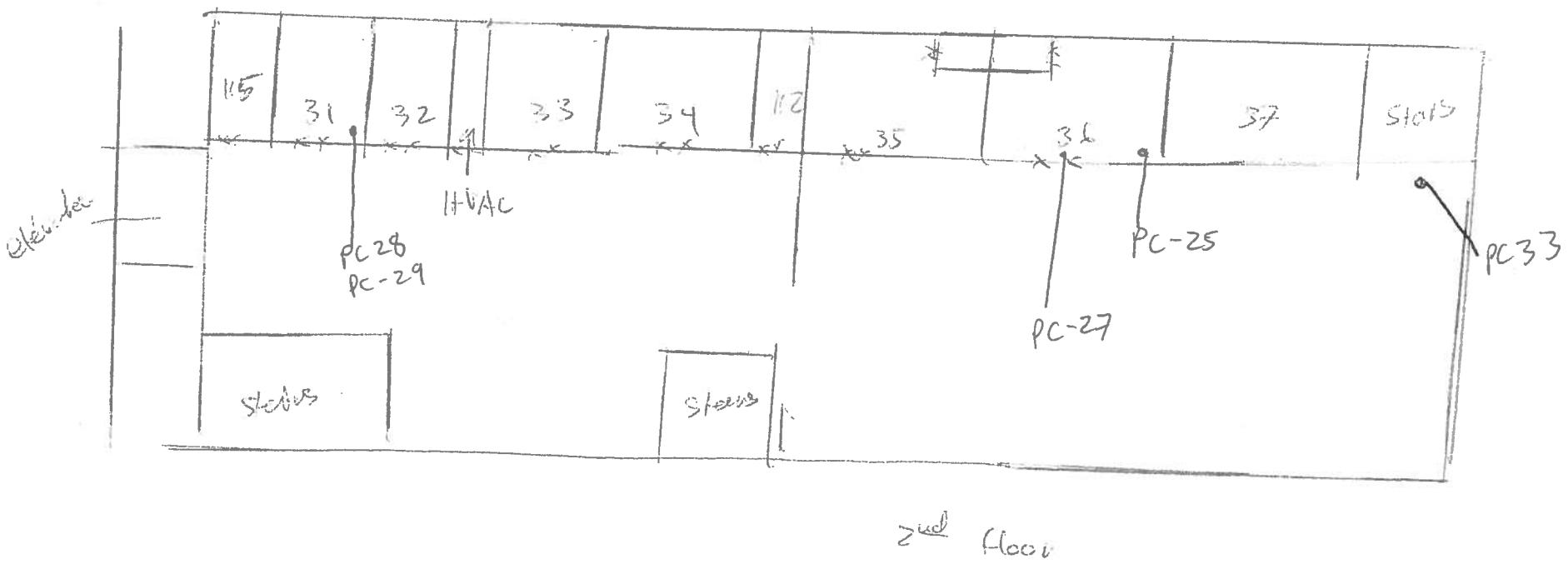
Bldg H

Building A

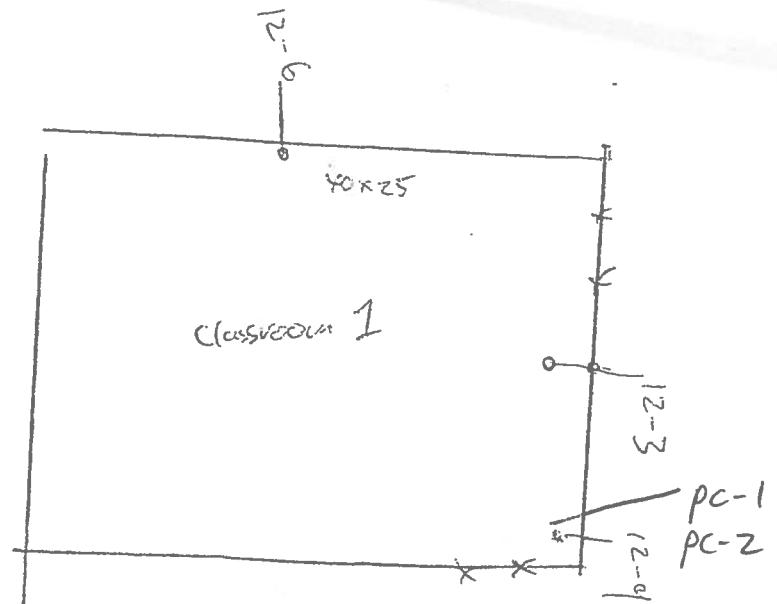


z →

Building A



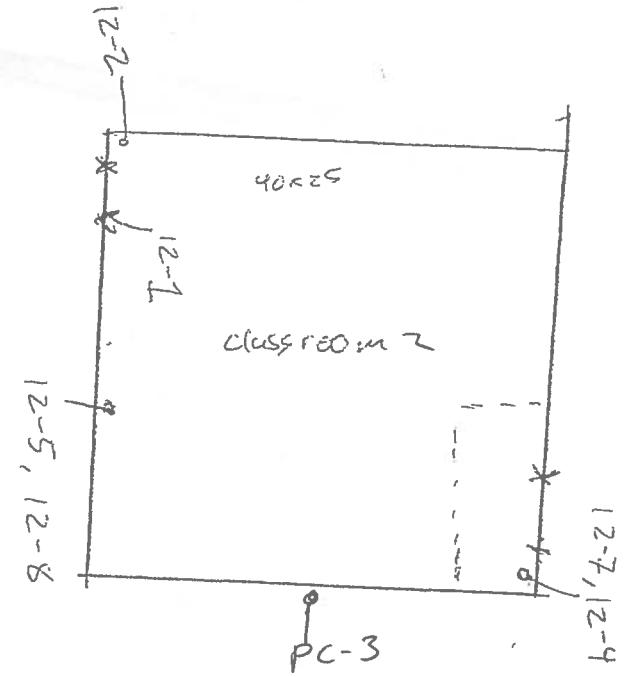
Central Control Room
Building Management



250 sq ft of 12x12 grey speckled

750 sq ft of dark grey carpet

130 linear ft of 4 inch grey concrete

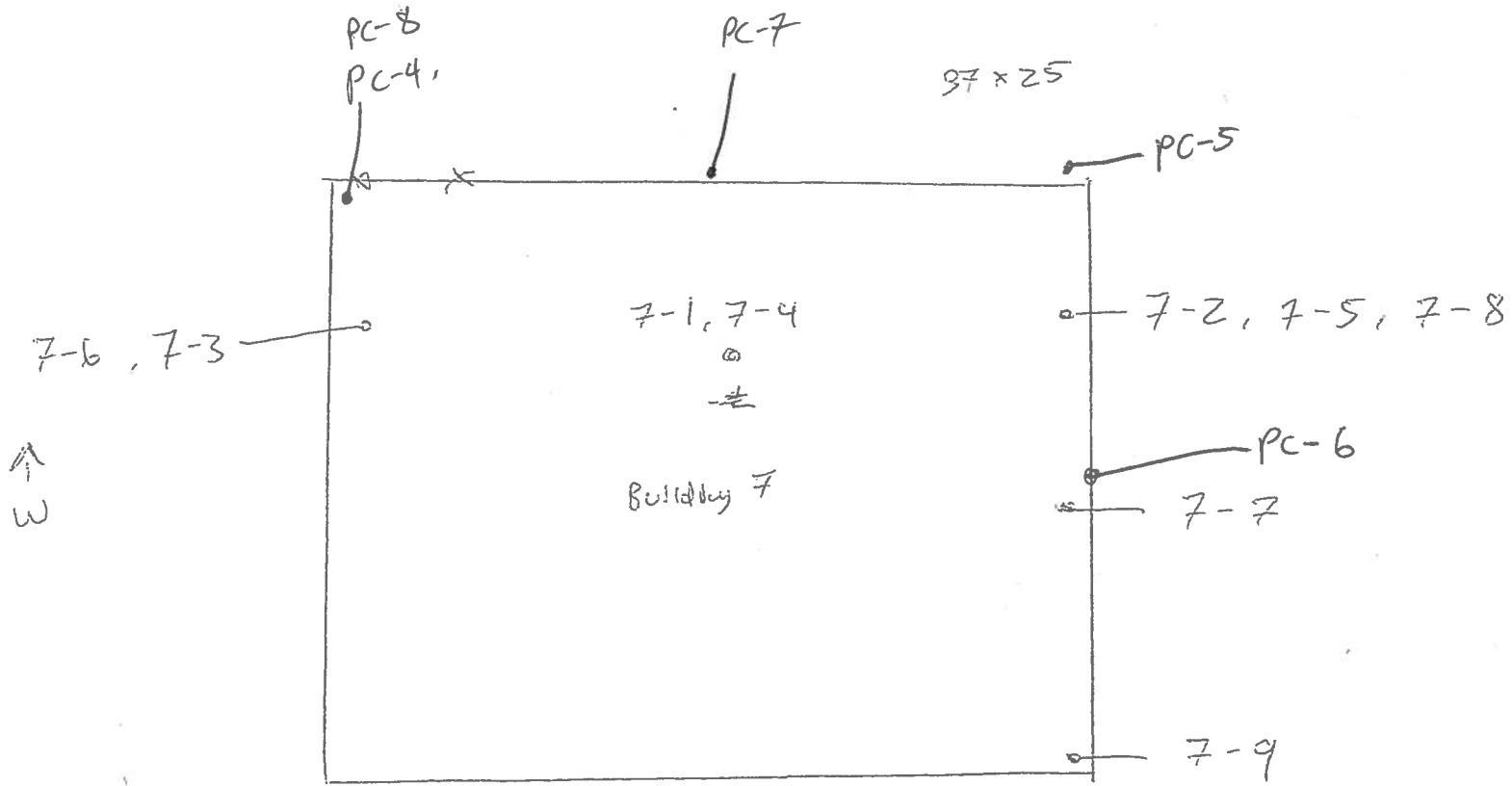


280 sq ft 12x12 grey speckled F/T.

700 sq ft of dark grey carpet

130 linear ft of 4 inch grey concrete

N →



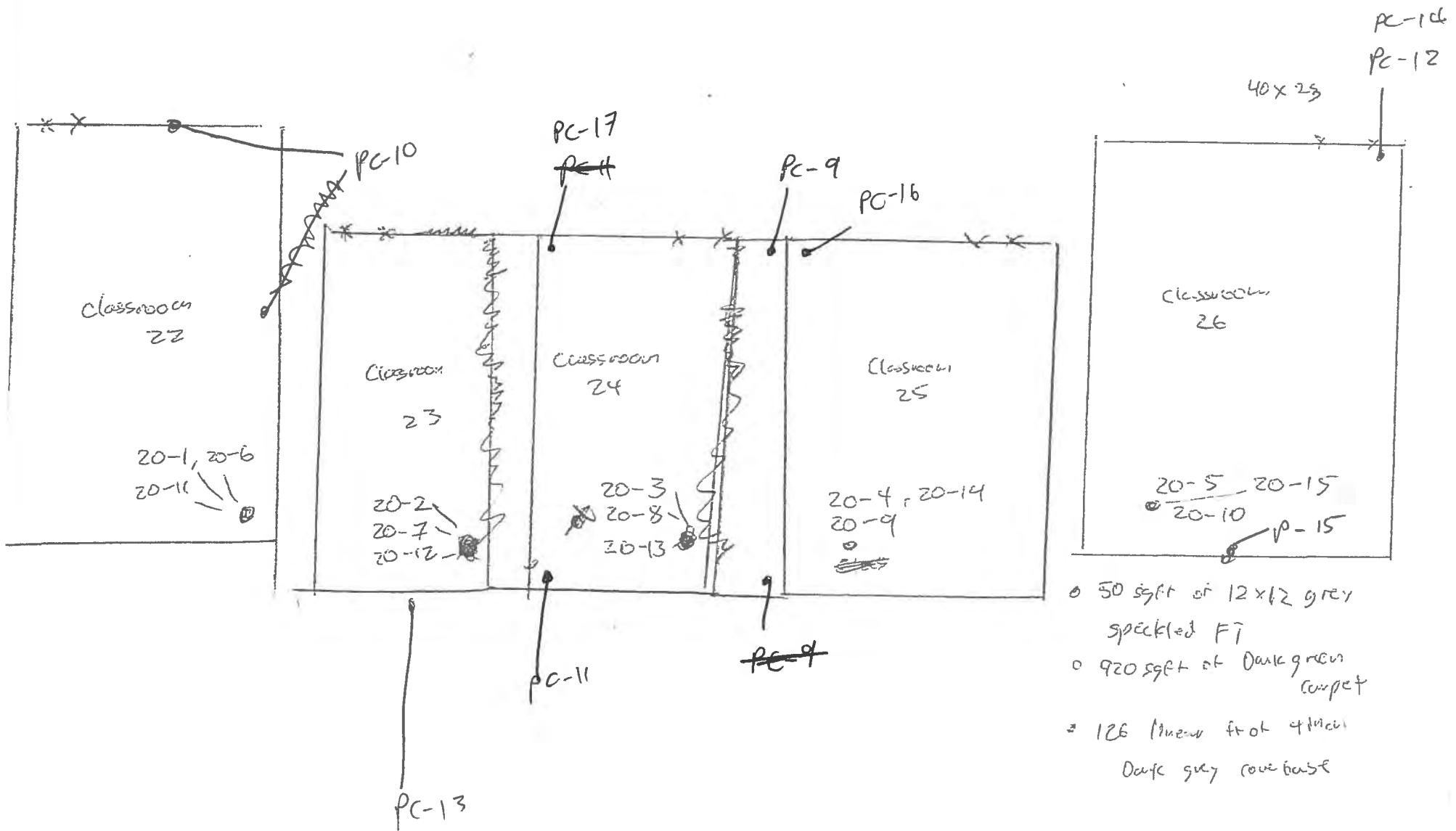
750 sqft of Oak guy caps

200 sqft of 12x12 guy spindles tie on wood

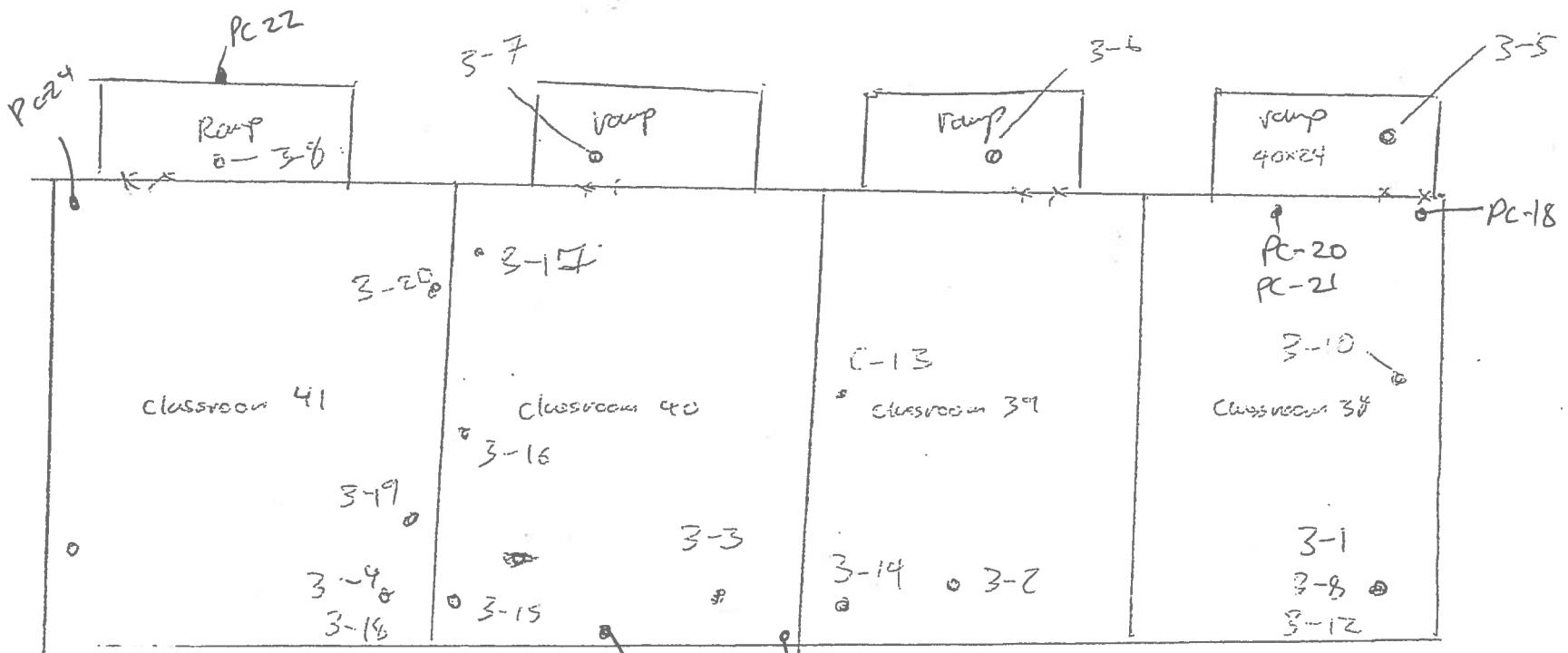
130 linear ft of guy cable base



↑
N



← N



• 960 sqft of 12x12
grey speckled FT

• 130 linear ft
of 6inch Black
cove base

• 960 sqft of 12x12
grey speckled
Floor tile

No carpet

• 130 linear ft
of 4inch
Black cove base
with adhesive

217 sqft 12x12
750 sqft carpet

130 linear ft of
4inch grey
cove base.

60 sqft non-skid
Vinyl flooring

Appendix G

XRF Lead Inspection, Instrument Calibration, and DHS 8552

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Location: Roosevelt Elementary School

Inspector: Fabian Ruvalcaba

Inspection Date: 09/21/16
 Report Date: 10/19/2016
 Abatement Level: 0.8
 Report No. S#01184 - 09/21/16 19:36
 Total Readings: 182
 Job Started: 09/21/16 19:36
 Job Finished: 09/21/16 23:51

Read No.	Wall	Structure	Location	Member	Paint Cond	Paint Substrate	Paint Color	Lead (mg/cm ²)	Lead Mode
Exterior Room 001 Rm 2									
008	A	Door	Lft	Lft casing	I	Metal	Green	-0.3	QM
007	A	Door	Lft	U Lft	I	Metal	Green	-0.3	QM
009	A	Wall	Rgt		I	Stucco	White	-0.3	QM
010	A	Wall	Rgt		I	Stucco	Green	-0.4	QM
013	B	Gutter			I	Metal	Green	-0.3	QM
012	B	Window	Lft	Lft casing	I	Metal	Green	-0.5	QM
014	B	Downspout	Lft		I	Metal	Green	-0.4	QM
011	B	Wall Trim	Rgt		I	Metal	Green	-0.2	QM
015	C	Flashing	Ctr		I	Metal	Green	-0.6	QM
Comment: Interior wall are unpainted canvas on partial board									
Exterior Room 002 Rm 7									
021	A	Wall	Ctr		I	Wood	White	-0.3	QM
024	A	Column	Rgt		I	Metal	Green	-0.3	QM
025	D	Gutter			I	Metal	Green	-0.2	QM
020	D	Door	Rgt	Rgt casing	I	Metal	Green	-0.3	QM
019	D	Door	Rgt	U Rgt	I	Metal	Green	-0.6	QM
027	D	Handrail	Ctr	Railing	I	Metal	Green	-0.3	QM
022	D	Ceiling	Ctr		I	Metal	Green	-0.5	QM
023	D	Beam	Ctr		I	Metal	Green	-0.3	QM
026	D	Downspout	Rgt		I	Metal	Green	-0.2	QM
Comment: Interior walls are unpainted canvas on Particle Board, Windows are unpainted aluminum									
Exterior Room 003 Rm 26									
035	A	Door	Lft	Lft casing	I	Metal	Green	-0.2	QM
034	A	Door	Lft	U Lft	I	Metal	Green	-0.6	QM
038	A	Handrail	Rgt	Railing	I	Metal	Green	-0.2	QM
039	A	Floor	Lft		I	Wood	Green	-0.2	QM
031	A	Wall	Ctr		I	Wood	White	-0.4	QM
032	A	Ceiling	Rgt		I	Wood	White	-0.2	QM
033	B	Wall Trim	Lft		I	Wood	Green	-0.3	QM
036	D	Beam	Lft		I	Metal	Green	-0.4	QM
037	D	Flashing	Lft		I	Metal	Green	-0.2	QM
Comment: Interior walls are not painted.									
Exterior Room 004 Rm 25									
047	A	Door	Lft	Lft casing	I	Metal	Green	-0.6	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

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Inspector: Fabian Ruvalcaba

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046	A	Door	Lft	U Lft	I	Metal	Green	-0.4	QM
050	A	Railing	Ctr	Railing	I	Metal	Green	-0.4	QM
048	A	Beam	Lft		I	Metal	Green	-0.6	QM
044	A	Ceiling	Ctr		I	Wood	White	-0.4	QM
051	A	Floor	Ctr		D	Metal	Green	-0.3	QM
045	B	Wall Trim	Rgt		I	Wood	Green	-0.4	QM
043	C	Wall	Ctr		I	Wood	White	-0.2	QM
049	D	Flashing	Lft		I	Metal	Green	-0.5	QM

Exterior Room 005 Rm 24

057	A	Door	Lft	U Lft	I	Metal	Green	-0.4	QM
058	A	Door	Lft	U Lft	I	Metal	Green	-0.6	QM
059	A	Beam	Ctr		I	Metal	Green	-0.3	QM
060	A	Floor	Ctr		D	Wood	Green	-0.4	QM
056	C	Wall Trim	Lft		I	Wood	Green	-0.6	QM
055	C	Wall	Ctr		I	Wood	White	-0.3	QM

Exterior Room 006 Rm 23

067	A	Door	Lft	Lft casing	I	Metal	Green	-0.5	QM
068	A	Railing	Ctr	Railing	I	Metal	Green	-0.2	QM
064	A	Wall	Ctr		D	Wood	White	-0.3	QM
069	A	Floor	Ctr		D	Wood	Green	-0.4	QM
065	A	Ceiling	Rgt		I	Wood	White	-0.5	QM
066	B	Beam	Ctr		I	Metal	Green	-0.4	QM
070	C	Gutter			I	Metal	Green	-0.6	QM
071	C	Downspout	Rgt		I	Metal	Green	-0.4	QM

Exterior Room 007 Rm 22

077	A	Door	Lft	Lft casing	I	Metal	Green	-0.8	QM
076	A	Door	Lft	U Lft	I	Metal	Green	-0.3	QM
078	A	Railing	Ctr	Railing	I	Metal	Green	-0.2	QM
075	A	Wall	Ctr		I	Wood	White	-0.4	QM
080	A	Floor	Ctr		D	Wood	Green	-0.3	QM
081	B	Wall Trim	Rgt		I	Wood	Green	-0.6	QM
082	C	Gutter			I	Metal	Green	-0.4	QM
083	C	Downspout	Rgt		I	Metal	Green	-0.5	QM
079	D	Beam	Lft		I	Metal	Green	-0.2	QM

Exterior Room 008 Rm 38

093	B	Gutter			I	Metal	Green	-0.8	QM
088	B	Door	Lft	Lft casing	I	Metal	Green	-0.7	QM
087	B	Door	Lft	U Lft	I	Metal	Green	-0.5	QM
091	B	Railing	Lft	Railing	I	Metal	Green	-0.2	QM
090	B	Column	Lft	L column	I	Metal	Green	-0.3	QM
089	B	Beam	Lft		I	Metal	Green	-0.2	QM
094	B	Downspout	Lft		I	Metal	Green	-0.3	QM
086	B	Wall	Ctr		I	Wood	White	-0.2	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Location: Roosevelt Elementary School

Inspector: Fabian Ruvalcaba

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092	B	Floor	Ctr	I	Wood	Green	-0.8	QM
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Comment:
 Interior walls unpainted, windows not painted

Exterior Room 009 Rm 39

096	B	Door	Rgt	Rgt casing	I	Metal	Green	-0.6	QM
097	B	Railing	Ctr	Railing	I	Metal	Green	-0.4	QM
098	B	Beam	Ctr		I	Metal	Green	-0.3	QM
099	B	Downspout	Rgt		I	Metal	Green	-0.3	QM
100	D	Wall	Ctr		I	Wood	White	-0.2	QM

Exterior Room 010 Rm 41

106	A	Column	Lft	L column	I	Metal	Green	-0.2	QM
107	A	Flashing	Lft		I	Metal	Green	-0.2	QM
103	A	Wall	Ctr		I	Wood	Green	-0.4	QM
105	A	Beam	Ctr		I	Metal	Green	-0.4	QM
108	B	Gutter			I	Metal	Green	-0.4	QM
110	B	Railing	Ctr	Railing	I	Metal	Green	-0.3	QM
109	B	Downspout	Lft		I	Metal	Green	-0.3	QM
104	B	Ceiling	Ctr		I	Wood	Green	-0.6	QM
111	B	Floor	Ctr		I	Wood	Green	-0.4	QM

Exterior Room 017 Building A, Exterior

150	A	Gutter			I	Metal	Green	-0.1	QM
148	A	Flashing	Ctr		I	Metal	Green	-0.3	QM
149	A	Downspout	Ctr		I	Metal	White	-0.2	QM
144	B	Window	Rgt	Rgt casing	I	Metal	Green	-0.2	QM
143	B	Door	Rgt	Rgt casing	I	Metal	Green	-0.3	QM
142	B	Door	Rgt	L Rgt	I	Metal	Green	-0.5	QM
146	B	Railing	Ctr	Railing	I	Metal	Green	0.1	QM
145	B	Post	Ctr		I	Metal	Green	-0.3	QM
141	B	Wall	Rgt		I	Stucco	White	0.2	QM
147	B	Hatch	Rgt		I	Metal	White	-0.3	QM

Exterior Room 018 Building A exterior 1st Floor

152	A	Stairs	Ctr	Treads	I	Metal	Green	-0.1	QM
153	A	Stairs	Rgt	Wall	I	Stucco	White	0.1	QM
151	A	Stair	Ctr		I	Metal	Green	-0.1	QM
157	B	Railing	Lft	Railing	I	Metal	Green	0.8	QM
155	B	Railing	Ctr	Railing	I	Metal	Green	-0.1	QM
154	B	Post	Lft		I	Metal	Green	-0.1	QM
156	B	Stair	Lft		I	Metal	Green	0.8	QM

Exterior Room 021 Exterior Auditorium Area

179	A	Window	Ctr	Lft casing	I	Wood	Green	1.3	QM
178	A	Door	Ctr	Lft casing	I	Metal	Green	0.1	QM
177	A	Door	Ctr	U Ctr	I	Metal	Green	-0.3	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

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175	A	Wall	Ctr	I	N/A	White	-0.1	QM
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176	A	Wall	Ctr	I	N/A	Green	-0.1	QM
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181	B	Railing	Lft	Railing	I	Metal	Green	-0.1	QM
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182	B	Railing	Lft	Railing	I	Metal	Green	0.8	QM
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180	B	Pipe	Lft		I	Metal	White	0.0	QM
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Interior Room 001 Rm 2

006	A	Window	Ctr	Lft casing	I	Metal	White	-0.3	QM
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005	A	Door	Lft	Lft casing	I	Metal	White	-0.1	QM
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004	A	Door	Lft	L Ctr	I	Metal	White	-0.4	QM
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Interior Room 002 Rm 7

018	B	Wall	L Ctr		I	Wood	Green	-0.2	QM
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017	D	Door	Lft	Lft casing	I	Metal	Green	-0.4	QM
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016	D	Door	Lft	U Lft	I	Metal	Green	-0.3	QM
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Interior Room 003 Rm 26

030	A	Window	Ctr	Lft casing	I	Wood	Brown	-0.1	QM
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029	A	Door	Rgt	Rgt casing	I	Metal	Brown	-0.2	QM
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028	A	Door	Rgt	U Rgt	I	Metal	Brown	-0.1	QM
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Interior Room 004 Rm 25

042	A	Window	Ctr	Lft casing	I	Wood	Brown	-0.5	QM
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041	A	Door	Rgt	Rgt casing	I	Metal	Brown	-0.2	QM
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040	A	Door	Rgt	U Lft	I	Metal	Brown	-0.3	QM
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Interior Room 005 Rm 24

054	A	Window	Rgt	Rgt casing	I	Metal	Brown	-0.4	QM
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053	A	Door	Rgt	Rgt casing	I	Metal	Brown	-0.4	QM
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052	A	Door	Rgt	U Rgt	I	Metal	Brown	-0.7	QM
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Interior Room 006 Rm 23

062	A	Door	Rgt	Rgt casing	I	Metal	Brown	-0.5	QM
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061	A	Door	Rgt	U Lft	I	Metal	Brown	-0.8	QM
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063	C	Window	Ctr	Lft casing	I	Wood	Brown	-0.5	QM
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Interior Room 007 Rm 22

074	A	Window	Ctr	Lft casing	I	Wood	Brown	-0.5	QM
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073	A	Door	Rgt	Rgt casing	I	Metal	Brown	-0.3	QM
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072	A	Door	Rgt	U Rgt	I	Metal	Brown	-0.3	QM
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Interior Room 008 Rm 38

084	B	Wall	Rgt		I	Metal	Green	-0.3	QM
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085	B	Wall	Rgt		I	Metal	Green	-0.2	QM
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Interior Room 009 Rm 39

095	B	Door	Lft	U Lft	I	Metal	Green	-0.3	QM
-----	---	------	-----	-------	---	-------	-------	------	----

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Interior Room 010 Rm 41

102	B	Door	Lft	Lft casing	I	Metal	Green	-0.3	QM
101	B	Door	Lft	U Lft	I	Metal	Green	-0.2	QM

Interior Room 011 Rm 30

115	A	Wall	L Lft		I	Drywall	White	-0.1	QM
118	B	Window	Ctr	Lft casing	I	Metal	Green	-0.4	QM
117	B	Door	Rgt	Rgt casing	I	Metal	Green	-0.4	QM
116	B	Door	Rgt	L Rgt	I	Metal	Green	-0.3	QM

Interior Room 012 Rm 29

122	B	Window	Ctr	Lft casing	I	Wood	Green	-0.6	QM
121	B	Door	Rgt	Rgt casing	I	Wood	Green	-0.3	QM
120	B	Door	Rgt	U Rgt	I	Wood	Green	-0.3	QM
119	C	Door	Lft	U Lft	I	Wood	Brown	-0.1	QM

Interior Room 013 Rm 27

124	A	Cabinet	Ctr		I	Wood	Brown	-0.1	QM
125	B	Window	Ctr	Lft casing	I	Metal	White	-0.1	QM
126	C	Wall	L Ctr		I	Drywall	White	-0.5	QM
123	D	Wall	Ctr		I	Wood	Brown	-0.4	QM

Interior Room 014 Library

131	A	Door	Rgt	U Rgt	I	Wood	Green	-0.3	QM
127	B	Wall	L Ctr		I	Drywall	White	-0.4	QM
130	B	Window	Ctr	Lft casing	I	Metal	White	-0.4	QM
129	B	Door	Lft	Lft casing	I	Metal	Green	-0.3	QM
128	B	Door	Lft	L Lft	I	Metal	Green	-0.3	QM

Interior Room 015 Rm 31

136	A	Wall	L Ctr		I	Drywall	White	-0.2	QM
133	B	Door	Lft	Lft casing	I	Metal	Green	-0.3	QM
132	B	Door	Lft	U Lft	I	Metal	Green	-0.6	QM
134	B	Wall	Ctr		I	Wood	Brown	-0.2	QM
135	C	Cabinet	Ctr		I	Wood	Brown	-0.6	QM

Interior Room 016 Rm 36

140	A	Door	Rgt	U Rgt	I	Wood	Brown	-0.8	QM
139	B	Window	Ctr	Lft casing	I	Metal	Green	-0.3	QM
138	B	Door	Rgt	Rgt casing	I	Metal	Green	-0.3	QM
137	B	Door	Rgt	L Rgt	I	Metal	Green	-0.5	QM

Interior Room 019 Auditorium

158	A	Wall	L Rgt		I	Plaster	White	-0.1	QM
163	A	Door	Lft	U Lft	I	Wood	White	0.1	QM
162	A	File Cab.	Rgt		I	Metal	White	-0.2	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Location: Roosevelt Elementary School

Inspector: Fabian Ruvalcaba

Inspection Date: 09/21/16
 Report Date: 10/19/2016
 Abatement Level: 0.8
 Report No. S#01184 - 09/21/16 19:36
 Total Readings: 182
 Job Started: 09/21/16 19:36
 Job Finished: 09/21/16 23:51

160	B	Door	Lft	Lft casing	I	Metal	Green	-0.4	QM
159	B	Door	Lft	L Lft	I	Metal	Green	-0.2	QM
161	B	Wall Trim	Lft		I	Wood	White	6.2	QM
166	C	Railing	Rgt	Railing	I	Metal	Purple	-0.1	QM
165	C	Vent	Rgt		I	Metal	White	0.1	QM
169	D	Window	Ctr	Sash	I	Wood	White	0.0	QM
167	D	Window	Ctr	Lft casing	I	Wood	White	-0.1	QM
168	D	Window	Ctr	Lft casing	I	Wood	White	-0.1	QM
164	D	Baseboard	Lft		I	Wood	White	0.3	QM

Interior Room 020 Auditorium Storage Rm

170	A	Cabinet	Ctr		I	Wood	White	0.1	QM
171	A	Counter Top	Rgt		I	Ceramic	Pink	>9.9	QM
172	A	Counter Top	Rgt		I	Ceramic	Yellow	>9.9	QM

Interior Room 021 Auditorium Rm 1

174	A	Wall	L Rgt		I	Plaster	White	-0.3	QM
173	C	Window	Ctr	Lft casing	I	Wood	White	-0.2	QM

Calibration Readings

001							1.0	TC
002							0.9	TC
003							1.0	TC
112							1.3	TC
113							0.9	TC
114							0.9	TC

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

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Location: Roosevelt Elementary School

Inspector: Fabian Ruvalcaba

Inspection Date: 09/21/16
Report Date: 10/19/2016
Abatement Level: 0.8
Report No. S#01184 - 09/21/16 19:36
Total Readings: 182
Job Started: 09/21/16 19:36
Job Finished: 09/21/16 23:51

ALTA ENVIRONMENTAL - XRF DATA FORM

Site: Blod E

Unit: 6

Roosevelt

9-22-16

Project #

ROOM EQUIVALENT: Rm 14-1

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
4	Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
5	Wall Door	A B C D	L R C	W DW P M C B S CE	P F D	Beige
6	Wall J case	A B C D	L R C	W DW P M C B S CE	P F D	1
7	Wall Door	A B C D	L R C	W DW P M C B S CE	P F T.	Grey
8	J case	A B C D	L R C	W DW P M C B S CE	P F D	1
9	Baseboard Cabinet	A B C D	L R C	W DW P M C B S CE	P F D	White
10	Door Window Case	A B C D	L R C	W DW P M C B S CE	P F D	white
11	Door casing Window Case	A B C D	L R C	W DW P M C B S CE	P F D	Grey
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
12	Gelling wall	A B C D	L R C	W DW P M C B S CE	P F D	White
13	Window casing Wall	A B C D	L R C	W DW P M C B S CE	P F D	white
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
14	Cabinets Post	A B C D	L R C	W DW P M C B S CE	P F D	White
15	J case	A B C D	L R C	W DW P M C B S CE	P F D	1
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Rm 17-4

Number	Component	Wall	Location	Substrate	Condition	Color
16	Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
17	Wall Trim	A B C D	L R C	W DW P M C B S CE	P F D	white
18	Wall Window Case	A B C D	L R C	W DW P M C B S CE	P F D	White
19	Wall Window Case	A B C D	L R C	W DW P M C B S CE	P F D	Grey
20	J Frame	A B C D	L R C	W DW P M C B S CE	P F D	
21	Baseboard Post	A B C D	L R C	W DW P M C B S CE	P F D	1
22	Door Case	A B C D	L R C	W DW P M C B S CE	P F D	1
23	Door casing Cabinet	A B C D	L R C	W DW P M C B S CE	P F D	White
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
24	Gelling Post	A B C D	L R C	W DW P M C B S CE	P F D	Grey
25	Window casing J case	A B C D	L R C	W DW P M C B S CE	P F D	1
26	Window sash Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
27	Cabinets	A B C D	L R C	W DW P M C B S CE	P F D	Grey
28	J	A B C D	L R C	W DW P M C B S CE	P F D	Yellow
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes: Date rough plaster wall P - ? N/E Damage

ROOM EQUIVALENT: Rm 8

Number	Component	Wall	Location	Substrate	Condition	Color
29	Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
30	Wall Door	A B C D	L R C	W DW P M C B S CE	P F D	Beige
31	Wall J base	A B C D	L R C	W DW P M C B S CE	P F D	1
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
32	Baseboard Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
33	Door Door	A B C D	L R C	W DW P M C B S CE	P F D	Grey
34	Door casing J case	A B C D	L R C	W DW P M C B S CE	P F D	1
35	Door jamb Hatch	A B C D	L R C	W DW P M C B S CE	P F D	White
36	Gelling wall	A B C D	L R C	W DW P M C B S CE	P F D	White
37	Window casing Post	A B C D	L R C	W DW P M C B S CE	P F D	1
38	Window sash Vent	A B C D	L R C	W DW P M C B S CE	P F D	White
39	Cabinets	A B C D	L R C	W DW P M C B S CE	P F D	Grey
40	J case	A B C D	L R C	W DW P M C B S CE	P F D	Grey
41	Window frame	A B C D	L R C	W DW P M C B S CE	P F D	1

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side

Address side
Entrance to unit

P White

white

1 white

ALTA ENVIRONMENTAL - XRF DATA FORM

Procedure 11

9-22-16

Site: Bldg E Extar

Unit: 6

Project #

ROOM EQUIVALENT:

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
47	Wall wood case	A B C D	L R C	W DW P M C B S CE	P F D	Green
48	Wall	A B C D	L R C	W DW P M C B S CE	P F D	Green
49	Wall door	A B C D	L R C	W DW P M C B S CE	P F D	Green
50	Wall I case	A B C D	L R C	W DW P M C B S CE	P F D	Green
51	Wall	A B C D	L R C	W DW P M C B S CE	P F D	Green
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT:

Bldg C

Run 13-6

Number	Component	Wall	Location	Substrate	Condition	Color
52	Wall	A B C D	L R C	W DW P M C B S CE	P F D	Green
53	Wall	A B C D	L R C	W DW P M C B S CE	P F D	Green
54	Wall wood case	A B C D	L R C	W DW P M C B S CE	P F D	Green
55	Cabinet	A B C D	L R C	W DW P M C B S CE	P F D	White
56	Baseboard wall	A B C D	L R C	W DW P M C B S CE	P F D	white
57	Door	A B C D	L R C	W DW P M C B S CE	P F D	white
58	Door casing	A B C D	L R C	W DW P M C B S CE	P F D	white
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
59	Window casing	A B C D	L R C	W DW P M C B S CE	P F D	white
60	Window sash	A B C D	L R C	W DW P M C B S CE	P F D	white
61	Cabinets	A B C D	L R C	W DW P M C B S CE	P F D	Beige
62	W4	A B C D	L R C	W DW P M C B S CE	P F D	white
63		A B C D	L R C	W DW P M C B S CE	P F D	white

Notes:

ROOM EQUIVALENT: Run 9

Number	Component	Wall	Location	Substrate	Condition	Color
64	Wall door	A B C D	L R C	W DW P M C B S CE	P F D	Green
65	Wall I case	A B C D	L R C	W DW P M C B S CE	P F D	Green
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
66	Baseboard wall	A B C D	L R C	W DW P M C B S CE	P F D	white
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM

Site: Blg CUnit: 6

9-22

Project #

ROOM EQUIVALENT: Exter C

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
67	Wall	A B C D	L R C	W DW P M C B S CE	P F I	White
68	Wall Pipe	A B C D	L R C	W DW P M C B S CE	P F I	1
69	Wall Drywall	A B C D	L R C	W DW P M C B S CE	P F I	1
70	Wall wood base	A B C D	L R C	W DW P M C B S CE	P F I	Green
71	Window Casing	A B C D	L R C	W DW P M C B S CE	P F I	Green
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT:

Number	Component	Wall	Location	Substrate	Condition	Color
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT:

Number	Component	Wall	Location	Substrate	Condition	Color
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM

Room H

9-22-16

Site: Blg D

Unit: 6

Project #

ROOM EQUIVALENT: Attic - 12

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
72	Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
73	Wall Dow	A B C D	L R C	W DW P M C B S CE	P F D	Green
74	Wall Dow	A B C D	L R C	W DW P M C B S CE	P F D	
75	Wall - Case	A B C D	L R C	W DW P M C B S CE	P F D	X
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
76	Door-casing Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
77	Doorjamb Dow	A B C D	L R C	W DW P M C B S CE	P F D	Green
78	Celling Dow Case	A B C D	L R C	W DW P M C B S CE	P F D	X
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Dining R - 1A

Number	Component	Wall	Location	Substrate	Condition	Color
79	Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
80	Wall Window Case	A B C D	L R C	W DW P M C B S CE	P F D	Green
81	Wall Handl.	A B C D	L R C	W DW P M C B S CE	P F D	X
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
82	Door Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
83	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Celling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Exter - 13

Number	Component	Wall	Location	Substrate	Condition	Color
83	Wall W4	A B C D	L R C	W DW P M C B S CE	P F D	White
84	Wall	A B C D	L R C	W DW P M C B S CE	P F D	Green
85	Wall Dow	A B C D	L R C	W DW P M C B S CE	P F D	
86	Wall Dcse	A B C D	L R C	W DW P M C B S CE	P F D	X
87	Wd Case	A B C D	L R C	W DW P M C B S CE	P F D	X
88	Baseboard Vent	A B C D	L R C	W DW P M C B S CE	P F D	White
89	Door Flashing	A B C D	L R C	W DW P M C B S CE	P F D	Green
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Celling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM Report 14 9-22

Site: Bldg E

Unit: 6

Project #

ROOM EQUIVALENT: N/W Storag C 504-15

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
90	Wall	A B C D	L R C	W DW P M C B S CE	P F I	white
91	Wall Windowsill	A B C D	L R C	W DW P M C B S CE	P F D	+
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
92	Baseboard wall	A B C D	L R C	W DW P M C B S CE	P F I	white
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: R-18 Bldg B

Number	Component	Wall	Location	Substrate	Condition	Color
93	Wall	A B C D	L R C	W DW P M C B S CE	P F C P	white
94	Wall Door	A B C D	L R C	W DW P M C B S CE	P F D	grey
95	Wall Scare	A B C D	L R C	W DW P M C B S CE	P F D	+
96	Wall Door	A B C D	L R C	W DW P M C B S CE	P F D	+
97	Door	A B C D	L R C	W DW P M C B S CE	P F C	grey
98	Baseboard Cabinet	A B C D	L R C	W DW P M C B S CE	P F D	white
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: R-19-18

Number	Component	Wall	Location	Substrate	Condition	Color
94	Wall	A B C D	L R C	W DW P M C B S CE	P F C	white
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
100	Wall	A B C D	L R C	W DW P M C B S CE	P F D	white
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
101	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
102	Ceiling	A B C D	L R C	W DW P M C B S CE	P F D	grey
103	Window casing D. C	A B C D	L R C	W DW P M C B S CE	P F D	white
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM

Project # 9-22

Site: Blg B

Unit: 6

Project #

ROOM EQUIVALENT: Exter

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
104	Wall	B C D	L R C	W DW P M C B S CE	P F G	white
105	Wall Lining	A B C D	L R C	W DW P M C B S CE	P F G	white
106	Wall-Door	A B C D	L R C	W DW P M C B S CE	P F G	green
107	Wall Vent	A B C D	L R C	W DW P M C B S CE	P F G	white
108	Gutter	A B C D	L R C	W DW P M C B S CE	P F G	white
109	Baseboard Dispt	A B C D	L R C	W DW P M C B S CE	P F G	white
110	Door Pipe	A B C D	L R C	W DW P M C B S CE	P F G	white
111	Decreasing W-L	A B C D	L R C	W DW P M C B S CE	P F G	green
112	Doorjamb Dewarp	A B C D	L R C	W DW P M C B S CE	P F G	white
113	Getting Hinge	A B C D	L R C	W DW P M C B S CE	P F G	green
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Blg K

Number	Component	Wall	Location	Substrate	Condition	Color
114	Wall window case	A B C D	L R C	W DW P M C B S CE	P F G	white
115	Wall	A B C D	L R C	W DW P M C B S CE	P F G	white
116	Wall	A B C D	L R C	W DW P M C B S CE	P F G	white
117	Wall Cabinet	A B C D	L R C	W DW P M C B S CE	P F G	white
118	Door	A B C D	L R C	W DW P M C B S CE	P F G	white
119	Baseboard + case	A B C D	L R C	W DW P M C B S CE	P F G	white
120	Door	A B C D	L R C	W DW P M C B S CE	P F G	green
121	Door casing	A B C D	L R C	W DW P M C B S CE	P F G	green
122	Doorjamb wall trim	A B C D	L R C	W DW P M C B S CE	P F G	white
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Blg K

Number	Component	Wall	Location	Substrate	Condition	Color
123	Wall Door	A B C D	L R C	W DW P M C B S CE	P F G	white
124	Wall L case	A B C D	L R C	W DW P M C B S CE	P F G	white
125	Wall Wall	A B C D	L R C	W DW P M C B S CE	P F G	white
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM

Site: Bldg H

Unit: 6

Project #

9-22

ROOM EQUIVALENT:

External

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
126	Wall	A B C D	L R C	W DW P M C B S CE	P F O	Green
127	Wall	A B C D	L R C	W DW P M C B S CE	P F O	White
128	Wall Handrail	A B C D	L R C	W DW P M C B S CE	P F O	Green
129	Wall Window Ledge	A B C D	L R C	W DW P M C B S CE	P F O	Green
130	Flashing	A B C D	L R C	W DW P M C B S CE	P F O	+
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT:

Bldg G

External

Number	Component	Wall	Location	Substrate	Condition	Color
131	Wall	A B C D	L R C	W DW P M C B S CE	P F O	white
132	Wall Door	A B C D	L R C	W DW P M C B S CE	P F O	
133	Wall Trace	A B C D	L R C	W DW P M C B S CE	P F O	+
134	Wall Ledge-Lace	A B C D	L R C	W DW P M C B S CE	P F O	Green
135	Wind Panel	A B C D	L R C	W DW P M C B S CE	P F O	white
136	Baseboard Wind-Lace	A B C D	L R C	W DW P M C B S CE	P F O	Green
137	Door panel	A B C D	L R C	W DW P M C B S CE	P F O	white
138	Door casing-Gutter	A B C D	L R C	W DW P M C B S CE	P F O	white
139	Doorjamb-Door Face	A B C D	L R C	W DW P M C B S CE	P F O	+
140	Getting Flashing	A B C D	L R C	W DW P M C B S CE	P F O	Green
141	Window casing-Window	A B C D	L R C	W DW P M C B S CE	P F O	white
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT:

Rm 4 - 24

Number	Component	Wall	Location	Substrate	Condition	Color
142	Wall W.C.	A B C D	L R C	W DW P M C B S CE	P F O	white
143	Wall Cabinet	A B C D	L R C	W DW P M C B S CE	P F O	+
144	Wall Door	A B C D	L R C	W DW P M C B S CE	P F O	Green
145	Wall L-Case	A B C D	L R C	W DW P M C B S CE	P F O	+
146	Wash	A B C D	L R C	W DW P M C B S CE	P F O	white
147	Baseboard Wall	A B C D	L R C	W DW P M C B S CE	P F O	white
148	Door	A B C D	L R C	W DW P M C B S CE	P F O	Green
149	Door casing	A B C D	L R C	W DW P M C B S CE	P F O	+
150	Doorjamb W-d-Lace	A B C D	L R C	W DW P M C B S CE	P F O	Green
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side

Address side

Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM

Project H

9-22

Site: Bldg G

Unit: 6

Project #

ROOM EQUIVALENT: Psy chalogic L-25

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
151	Wall	A B C D	L R C	W DW P M C B S CE	P F O	White
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Pauso -26

Number	Component	Wall	Location	Substrate	Condition	Color
152	Wall	A B C D	L R C	W DW P M C B S CE	P F O	white
153	Wall	A B C D	L R C	W DW P M C B S CE	P F O	white
154	Wall Window Casing	A B C D	L R C	W DW P M C B S CE	P F O	white
155	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: More off L-27

Number	Component	Wall	Location	Substrate	Condition	Color
156	Wall Cabinets	A B C D	L R C	W DW P M C B S CE	P F O	white
157	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
158	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
159	Door	A B C D	R C	W DW P M C B S CE	P F O	green
160	Baseboard & Casing	A B C D	R C	W DW P M C B S CE	P F O	green
161	Door wall	A B C D	L R C	W DW P M C B S CE	P F O	white
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
162	Window casing wall	A B C D	L R C	W DW P M C B S CE	P F O	white
163	Window sash	A B C D	L R C	W DW P M C B S CE	P F O	green
164	Cabinets	A B C D	L R C	W DW P M C B S CE	P F O	green
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM

Site: Walk walls

Unit:

Roosevelt

Q-22

Project #

ROOM EQUIVALENT: By 6/29/6-23

INSPECTOR: 6

Number	Component	Wall	Location	Substrate	Condition	Color
160	Wall Post	A B C D	L R C	W DW P M C B S CE	P F D	grey
161	Wall Beam	A B C D	L R C	W DW P M C B S CE	P F D	white
162	Wall Ceilings	A B C D	L R C	W DW P M C B S CE	P F D	-
163	Wall Gutter	A B C D	L R C	W DW P M C B S CE	P F D	-
164	Drop ceiling	A B C D	L R C	W DW P M C B S CE	P F D	grey
165	Baseboard Plush	A B C D	L R C	W DW P M C B S CE	P F D	grey
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: BN, 6/29/6-28

Number	Component	Wall	Location	Substrate	Condition	Color
166	Wall Ceiling	A B C D	L R C	W DW P M C B S CE	P F D	white
167	Wall Floor Plush	A B C D	L R C	W DW P M C B S CE	P F D	grey
168	Wall Post	A B C D	L R C	W DW P M C B S CE	P F D	grey
169	Wall Drop ceiling	A B C D	L R C	W DW P M C B S CE	P F D	grey
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: BN, 6/29/6-6

Number	Component	Wall	Location	Substrate	Condition	Color
170	Wall Post	A B C D	L R C	W DW P M C B S CE	P F D	grey
171	Wall Ceiling	A B C D	L R C	W DW P M C B S CE	P F D	white
172	Wall Beam	A B C D	L R C	W DW P M C B S CE	P F D	-
173	Wall Floor Plush	A B C D	L R C	W DW P M C B S CE	P F D	-
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side

Address side
Entrance to unit

174 - 0.8

175 - 1.2

ALTA ENVIRONMENTAL - XRF DATA FORM

9-21-16

Site: Roosevelt

Unit:

5

Project #

ROOM EQUIVALENT: Rm 2 (Interior) -1

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
4	Wall Door	A B C D	L R C	W DW P M C B S CE	P F G	white
5	Wall Case	A B C D	L R C	W DW P M C B S CE	P F G	white
6	Wall Window Case	A B C D	L R C	W DW P M C B S CE	P F G	white
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
7	Door	A B C D	L R C	W DW P M C B S CE	P F G	green
8	Door casing	A B C D	L R C	W DW P M C B S CE	P F G	green
9	Doorjamb wall	A B C D	L R C	W DW P M C B S CE	P F G	white
10	Ceiling	A B C D	L R C	W DW P M C B S CE	P F G	green
11	Window casing wall	A B C D	L R C	W DW P M C B S CE	P F G	green
12	Window sash case	A B C D	L R C	W DW P M C B S CE	P F G	green
13	Gabinets Gutter	A B C D	L R C	W DW P M C B S CE	P F G	green
14	Downspout	A B C D	L R C	W DW P M C B S CE	P F G	green
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes: Interiors are unpainted canvas on particle board

ROOM EQUIVALENT: Rm 1 (Interior) -1

Number	Component	Wall	Location	Substrate	Condition	Color
4	Wall Door	A B C D	L R C	W DW P M C B S CE	P F G	white
5	Wall Case	A B C D	L R C	W DW P M C B S CE	P F G	white
6	Wall Window Case	A B C D	L R C	W DW P M C B S CE	P F G	white
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
7	Door	A B C D	L R C	W DW P M C B S CE	P F G	green
8	Door casing	A B C D	L R C	W DW P M C B S CE	P F G	green
9	Doorjamb wall	A B C D	L R C	W DW P M C B S CE	P F G	white
10	Ceiling	A B C D	L R C	W DW P M C B S CE	P F G	green
11	Window casing LTR	A B C D	L R C	W DW P M C B S CE	P F G	green
12	Window sash case	A B C D	L R C	W DW P M C B S CE	P F G	green
13	Gabinets Gutter	A B C D	L R C	W DW P M C B S CE	P F G	green
14	Downspout	A B C D	L R C	W DW P M C B S CE	P F G	green
15	Plumbing	A B C D	L R C	W DW P M C B S CE	P F G	green

Notes:

ROOM EQUIVALENT: Rm 7 Interior -2

Number	Component	Wall	Location	Substrate	Condition	Color
16	Wall Door	A B C D	L R C	W DW P M C B S CE	P F G	green
17	Wall Case	A B C D	L R C	W DW P M C B S CE	P F G	green
18	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
19	Door	A B C D	L R C	W DW P M C B S CE	P F G	green
20	Door casing	A B C D	L R C	W DW P M C B S CE	P F G	green
21	Doorjamb wall	A B C D	L R C	W DW P M C B S CE	P F G	white
22	Ceiling	A B C D	L R C	W DW P M C B S CE	P F G	green
23	Window casing	A B C D	L R C	W DW P M C B S CE	P F G	green
24	Window sash case	A B C D	L R C	W DW P M C B S CE	P F G	green
25	Gabinets Gutter	A B C D	L R C	W DW P M C B S CE	P F I	
26	Downspout	A B C D	L R C	W DW P M C B S CE	P F G	green
27	Handrail	A B C D	L R C	W DW P M C B S CE	P F G	green

Notes: Inter walls are unpainted canvas on particle board, windows are unpainted

W = Wood

DW = Drywall

P = Plaster

M = Metal

C = Concrete

B = Brick

S = Stucco

CE = Ceramic

Alum

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side

Address side

Entrance to unit

ALTA ENVIRONMENTAL – XRF DATA FORM

9-21-18

Site: Roosevelt

Unit: 5

Project #

ROOM EQUIVALENT: Inter. Rm 26-3

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
28	Wall Door	A B C D	L R C	W DW P M C B S CE	P F (1)	Brown
29	Wall Lcase	A B C D	L R C	W DW P M C B S CE	P F (1)	T
30	Wall window Cse	A B C D	L R C	W DW P M C B S CE	P F (1)	T
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
Exterior 31	Baseboard wall	A B C D	L R C	W DW P M C B S CE	P F (1)	white
32	Door Ceiling	A B C D	L R C	W DW P M C B S CE	P F (1)	white
33	Door casing wall (Trim)	A B C D	L R C	W DW P M C B S CE	P F (1)	Green
34	Door jamb	A B C D	L R C	W DW P M C B S CE	P F (1)	green
35	Ceiling - Lcase	A B C D	L R C	W DW P M C B S CE	P F (1)	
36	Window casing Beam	A B C D	L R C	W DW P M C B S CE	P F (1)	
37	Window sash flching	A B C D	L R C	W DW P M C B S CE	P F (1)	T
38	Cabinets Handrail	A B C D	L R C	W DW P M C B S CE	P F (1)	T
39	Floor	A B C D	L R C	W DW P M C B S CE	P F I	Green
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes: Interior walls are Not Painted.

ROOM EQUIVALENT: Rm 25-4

Number	Component	Wall	Location	Substrate	Condition	Color
40	Wall Door	A B C D	L R C	W DW P M C B S CE	P F (1)	Brown
41	Wall Lcase	A B C D	L R C	W DW P M C B S CE	P F (1)	T
42	Wall Window Cse	A B C D	L R C	W DW P M C B S CE	P F (1)	T
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
Exterior 43	Baseboard wall	A B C D	L R C	W DW P M C B S CE	P F (1)	white
44	Door Ceiling	A B C D	L R C	W DW P M C B S CE	P F (1)	white
45	Door casing wall (Trim)	A B C D	L R C	W DW P M C B S CE	P F (1)	Green
46	Door jamb	A B C D	L R C	W DW P M C B S CE	P F (1)	
47	Ceiling - Lcase	A B C D	L R C	W DW P M C B S CE	P F (1)	
48	Window casing Beam	A B C D	L R C	W DW P M C B S CE	P F (1)	
49	Window sash flching	A B C D	L R C	W DW P M C B S CE	P F (1)	
50	Cabinets Handrail	A B C D	L R C	W DW P M C B S CE	P F (1)	
51	Floor	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: R-24-S

Number	Component	Wall	Location	Substrate	Condition	Color
52	Wall Door	A B C D	L R C	W DW P M C B S CE	P F (1)	Brown
53	Wall Lcase	A B C D	L R C	W DW P M C B S CE	P F (1)	T
54	Wall Window Cse	A B C D	L R C	W DW P M C B S CE	P F (1)	Brown
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
Exterior 55	Baseboard wall	A B C D	L R C	W DW P M C B S CE	P F (1)	white
56	Door Wall Trim	A B C D	L R C	W DW P M C B S CE	P F (1)	Green
57	Door casing	A B C D	L R C	W DW P M C B S CE	P F (1)	
58	Door jamb Cse	A B C D	L R C	W DW P M C B S CE	P F (1)	
59	Ceiling Beam	A B C D	L R C	W DW P M C B S CE	P F (1)	
60	Window casing Floor	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM

9-21-16

Site: Roosevelt E.S. Unit: S-

Project #

ROOM EQUIVALENT: R-23-6

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
61	Wall Door	A B C D	L R C	W DW P M C B S CE	P F O	Brown
62	Wall Case	A B C D	L R C	W DW P M C B S CE	P F O	+
63	Wall Wind-Case	A B C D	L R C	W DW P M C B S CE	P F O	+
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
64	Baseboard Wall	A B C D	L R C	W DW P M C B S CE	P F O	White
65	Door Ceiling	A B C D	L R C	W DW P M C B S CE	P F O	White
66	Door-easing Beam	A B C D	L R C	W DW P M C B S CE	P F O	Grey
67	Door jamb-Case	A B C D	L R C	W DW P M C B S CE	P F O	+
68	Ceiling Handrail	A B C D	L R C	W DW P M C B S CE	P F O	+
69	Window casing Floor	A B C D	L R C	W DW P M C B S CE	P F I	+
70	Window sash Gutter	A B C D	L R C	W DW P M C B S CE	P F O	+
71	Cabinets Downspout	A B C D	L R C	W DW P M C B S CE	P F O	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: R-22-7

Number	Component	Wall	Location	Substrate	Condition	Color
72	Wall Door	A B C D	L R C	W DW P M C B S CE	P F O	Black
73	Wall Case	A B C D	L R C	W DW P M C B S CE	P F O	
74	Wall Wind-Case	A B C D	L R C	W DW P M C B S CE	P F O	+
75	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
76	Baseboard Wall	A B C D	L R C	W DW P M C B S CE	P F O	White
77	Door	A B C D	L R C	W DW P M C B S CE	P F O	Grey
78	Door casing	A B C D	L R C	W DW P M C B S CE	P F O	+
79	Doorjamb Handrail	A B C D	L R C	W DW P M C B S CE	P F O	+
80	Ceiling Beam	A B C D	L R C	W DW P M C B S CE	P F O	+
81	Window casing Floor	A B C D	L R C	W DW P M C B S CE	P F I	+
82	Window sash Wall	A B C D	L R C	W DW P M C B S CE	P F O	
83	Cabinets Gutter	A B C D	L R C	W DW P M C B S CE	P F O	
	Downspout	A B C D	L R C	W DW P M C B S CE	P F O	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT:

Number	Component	Wall	Location	Substrate	Condition	Color
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side

Address side

Entrance to unit

ALTA ENVIRONMENTAL – XRF DATA FORM

Site: Foothill

Unit: 5

Project # _____

ROOM EQUIVALENT: Rm 38-8

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
84	Wall	A B C D	L R C	W DW P M C B S CE	P F G	Green
85	Wall	A B C D	L R C	W DW P M C B S CE	P F G	Green
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard Wall	A B C D	L R C	W DW P M C B S CE	P F G	white
87	Door	A B C D	L R C	W DW P M C B S CE	P F G	green
88	Door casing	A B C D	L R C	W DW P M C B S CE	P F G	
89	Doorjamb Beam	A B C D	L R C	W DW P M C B S CE	P F G	
90	Ceiling	A B C D	L R C	W DW P M C B S CE	P F G	
91	Window casing Handl	A B C D	L R C	W DW P M C B S CE	P F G	
92	Window sash Mu	A B C D	L R C	W DW P M C B S CE	P F G	
93	Cabinets Gutter	A B C D	L R C	W DW P M C B S CE	P F G	
94	Downspout	A B C D	L R C	W DW P M C B S CE	P F G	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes: Interior walls unpainted, windows Not painted at all

ROOM EQUIVALENT: Rm 39-9

Number	Component	Wall	Location	Substrate	Condition	Color
95	Wall Dow	A B C D	L R C	W DW P M C B S CE	P F G	Green
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
96	Door Casing	A B C D	L R C	W DW P M C B S CE	P F G	Green
97	Baseboard Hand Unit	A B C D	L R C	W DW P M C B S CE	P F G	
98	Door Beam	A B C D	L R C	W DW P M C B S CE	P F G	
99	Door casing Downsp	A B C D	L R C	W DW P M C B S CE	P F G	
100	Doorjamb wall	A B C D	L R C	W DW P M C B S CE	P F G	wh. fo
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Rm 41-10

Number	Component	Wall	Location	Substrate	Condition	Color
101	Wall Dow	A B C D	L R C	W DW P M C B S CE	P F G	green
102	Wall Lcase	A B C D	L R C	W DW P M C B S CE	P F G	green
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
103	Baseboard wall	A B C D	L R C	W DW P M C B S CE	P F G	green
104	Door Ceiling	A B C D	L R C	W DW P M C B S CE	P F G	green
105	Door casing Bea	A B C D	L R C	W DW P M C B S CE	P F G	green
106	Doorjamb Colu	A B C D	L R C	W DW P M C B S CE	P F G	green
107	Ceiling Flushes	A B C D	L R C	W DW P M C B S CE	P F G	
108	Window casing Gutter	A B C D	L R C	W DW P M C B S CE	P F G	green
109	Window sash Pumpf	A B C D	L R C	W DW P M C B S CE	P F G	
110	Cabinets Handl	A B C D	L R C	W DW P M C B S CE	P F G	
111	floor	A B C D	L R C	W DW P M C B S CE	P F G	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

112. 1.3 + Calibration
ALTA ENVIRONMENTAL - XRF DATA FORM

113. 0.9
Site: Blg A

Unit:

5

Project #

14.0.9 ROOM EQUIVALENT:

Run: 30-11

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
115	Wall	A B C D	L R C	W DW P M C B S CE	P F G	White
116	Wall Panel	A B C D	L R C	W DW P M C B S CE	P F G	Green
117	Wall - Case	A B C D	L R C	W DW P M C B S CE	P F G	
118	Wall Wood-Less	A B C D	L R C	W DW P M C B S CE	P F G	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
119	Door casing	A B C D	L R C	W DW P M C B S CE	P F G	Brown
120	Door jamb	A B C D	L R C	W DW P M C B S CE	P F G	Green
121	Ceiling - Less	A B C D	L R C	W DW P M C B S CE	P F G	
122	Window casing	A B C D	L R C	W DW P M C B S CE	P F G	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: R-27-13

Number	Component	Wall	Location	Substrate	Condition	Color
123	Wall	A B C D	L R C	W DW P M C B S CE	P F G	Brown
124	Wall cabinet	A B C D	L R C	W DW P M C B S CE	P F G	+
125	Wall wood-less	A B C D	L R C	W DW P M C B S CE	P F G	White
126	Wall wall	A B C D	L R C	W DW P M C B S CE	P F G	+
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
127	Door Wall	A B C D	L R C	W DW P M C B S CE	P F G	White
128	Door casing	A B C D	L R C	W DW P M C B S CE	P F G	Green
129	Door jamb Case	A B C D	L R C	W DW P M C B S CE	P F G	+
130	Ceiling - window less	A B C D	L R C	W DW P M C B S CE	P F G	White
131	Window casing - door	A B C D	L R C	W DW P M C B S CE	P F G	Green
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: R-31-13

Number	Component	Wall	Location	Substrate	Condition	Color
152	Wall Door	A B C D	L R C	W DW P M C B S CE	P F G	Green
153	Wall - case	A B C D	L R C	W DW P M C B S CE	P F G	+
154	Wall	A B C D	L R C	W DW P M C B S CE	P F G	Brown
155	Wall Cabinet	A B C D	L R C	W DW P M C B S CE	P F G	+
156	Wall	A B C D	L R C	W DW P M C B S CE	P F G	White
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM

Site: Blag AUnit: 5

Project #

ROOM EQUIVALENT:

Rm 36 - 16

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
137	Wall Door	A B C D	L R C	W DW P M C B S CE	P F G	Green
138	Wall Door	A B C D	L R C	W DW P M C B S CE	P F G	I
139	Wall Wood - Lure	A B C D	L R C	W DW P M C B S CE	P F G	I
140	Wall Door	A B C D	L R C	W DW P M C B S CE	P F D	Brown
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT:

Exter

Number	Component	Wall	Location	Substrate	Condition	Color
141	Wall	A B C D	L R C	W DW P M C B S CE	P F D	White
142	Wall Door	A B C D	L R C	W DW P M C B S CE	P F G	Blue Green
143	Wall Door	A B C D	L R C	W DW P M C B S CE	P F G	I
144	Wall Wood - Lure	A B C D	L R C	W DW P M C B S CE	P F D	I
145	Post	A B C D	L R C	W DW P M C B S CE	P F D	I
146	Baseboard Handrail	A B C D	L R C	W DW P M C B S CE	P F D	Grey
147	Door Handrail	A B C D	L R C	W DW P M C B S CE	P F D	I
148	Door casing Marlin	A B C D	L R C	W DW P M C B S CE	P F D	Grey
149	Doorjamb Door	A B C D	L R C	W DW P M C B S CE	P F D	White
150	Ceiling Gutter	A B C D	L R C	W DW P M C B S CE	P F D	Grey
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT:

Exter 1st floor - 18

Number	Component	Wall	Location	Substrate	Condition	Color
151	Wall Stair	A B C D	L R C	W DW P M C B S CE	P F G	Green
152	Wall Handrail	A B C D	L R C	W DW P M C B S CE	P F G	I
153	Wall	A B C D	L R C	W DW P M C B S CE	P F G	White
154	Wall Post	A B C D	L R C	W DW P M C B S CE	P F D	Grey
155	Handrail	A B C D	L R C	W DW P M C B S CE	P F D	I
156	Baseboard Stair	A B C D	L R C	W DW P M C B S CE	P F G	Grey
157	Door Stair Handrail	A B C D	L R C	W DW P M C B S CE	P F D	I
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side

Address side

Entrance to unit

ALTA ENVIRONMENTAL - XRF DATA FORM

9-21-16

Site: Bldg H

Unit: 5

Project #

ROOM EQUIVALENT: 1st Level A

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
158	Wall	A B C D	L R C	W DW P M C B S CE	P F O	white
159	Wall Down	A B C D	L R C	W DW P M C B S CE	P F B	green
160	Wall L case	A B C D	L R C	W DW P M C B S CE	P F O	+
161	Wall Wall Trim	A B C D	L R C	W DW P M C B S CE	P F B	white
162	Furniture Cabinet	A B C D	L R C	W DW P M C B S CE	P F O	white
163	Baseboard Pipe	A B C D	L R C	W DW P M C B S CE	P F O	+
164	Door Handl-d	A B C D	L R C	W DW P M C B S CE	P F O	white
165	Door casing Vent	A B C D	L R C	W DW P M C B S CE	P F O	white
166	Door Jamb Handl	A B C D	L R C	W DW P M C B S CE	P F O	white
167	Ceiling W m d w Casing	A B C D	L R C	W DW P M C B S CE	P F O	Purple
168	Window casing	A B C D	L R C	W DW P M C B S CE	P F O	white
169	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Storage Rm - 20

Number	Component	Wall	Location	Substrate	Condition	Color
170	Wall Cab & J	A B C D	L R C	W DW P M C B S CE	P F O	white
171	Wall Countertop	A B C D	L R C	W DW P M C B S CE	P F O	Pink
172	Wall J	A B C D	L R C	W DW P M C B S CE	P F O	yellow
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
173	Door Jamb Ls	A B C D	L R C	W DW P M C B S CE	P F O	white
174	Door casing wall	A B C D	L R C	W DW P M C B S CE	P F O	white
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Exter

Number	Component	Wall	Location	Substrate	Condition	Color
175	Wall	A B C D	L R C	W DW P M C B S CE	P F I	white
176	Wall	A B C D	L R C	W DW P M C B S CE	P F I	green
177	Wall Down	A B C D	L R C	W DW P M C B S CE	P F O	green
178	Wall L case	A B C D	L R C	W DW P M C B S CE	P F O	+
179	Window Casing	A B C D	L R C	W DW P M C B S CE	P F O	green
180	Baseboard Pipe	A B C D	L R C	W DW P M C B S CE	P F O	white
181	Door Handl-d	A B C D	L R C	W DW P M C B S CE	P F O	green
182	Door casing	A B C D	L R C	W DW P M C B S CE	P F O	green
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side
Address side
Entrance to unit

183. calender

184.

185. f:\alta documents\field forms\whs\xrf data form.doc

221

LEAD HAZARD EVALUATION REPORT

Section 1 — Date of Lead Hazard Evaluation 9-21/16, 9/22/16

Section 2 — Type of Lead Hazard Evaluation (Check one box only)

Lead Inspection Risk assessment Clearance Inspection Other (specify) Limited for construction purpose

Section 3 — Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)] 801 Montana Avenue		City Santa Monica	County Los Angeles	Zip Code 90405
Construction date (year) of structure	Type of structure <input type="checkbox"/> Multi-unit building <input type="checkbox"/> Single family dwelling	School or daycare <input checked="" type="checkbox"/>	Children living in structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

Section 4 — Owner of Structure (if business/agency, list contact person)

Name Santa Monica Malibu USD	Telephone number		
Address [number, street, apartment (if applicable)] 1651 Sixteenth Street	City Santa Monica	State California	Zip Code 90405

Section 5 — Results of Lead Hazard Evaluation (check all that apply)

No lead-based paint detected Intact lead-based paint detected Deteriorated lead-based paint detected
 No lead hazards detected Lead-contaminated dust found Lead-contaminated soil found Other _____

Section 6 — Individual Conducting Lead Hazard Evaluation

Name Fabian Ruvalcaba	Telephone number 562-495-5777		
Address [number, street, apartment (if applicable)] 3777 Long Beach Blvd., Annex Building	City Long Beach	State California	Zip Code 90807
CDPH certification number 22130	Signature 	Date 9/22/16	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Section 7 — Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Third copy only (no attachments) mailed or faxed to:

Second copy and attachments retained by owner

California Department of Public Health
Childhood Lead Poisoning Prevention Branch Reports
850 Marina Bay Parkway, Building P, Third Floor
Richmond, CA 94804-6403
Fax: (510) 620-5656

Calibration Check Test Results

Page 1 of 1

Address/Unit No. Roosevelt ES _____

Device LPA-1 _____ Date 9/22/2016 XRF Serial No. 1184

Contractor Alta Environmental _____

Inspector Name Fabian Ruvalcaba _____ Signature 

NIST SRM Used 1.04 mg/cm²

Calibration Check Tolerance Used 0.3 mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading		
0.9	0.8	0.8	0.83	0.207

Second Calibration Check

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading		
0.8	1.2	1.3	1.10	0.06

Third Calibration Check (if required)

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading		

Fourth Calibration Check (*not required*)

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading		

* if the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

Calibration Check Test Results

Page 1 of 1

Address/Unit No. Roosevelt ES _____

Device LPA-1 _____ XRF Serial No. 1184

Date 9/21/2016 _____

Contractor Alta Environmental _____

Inspector Name Fabian Ruvalcaba _____ Signature 

NIST SRM Used 1.04 mg/cm²

Calibration Check Tolerance Used 0.3 mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading		
1	0.9	1	0.97	0.07

Second Calibration Check

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading		
1.3	0.9	0.9	1.03	0.01

Third Calibration Check (if required)

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading		

Fourth Calibration Check (*not required*)

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading		

* if the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

Appendix H

Alta Environmental Employee Certifications

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

Cesar Ruvalcaba

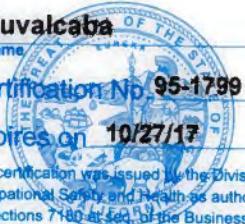
Name



Certification No. 95-1799

Expires on 10/27/17

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
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Inspector/Assessor	01/16/2017
Project Monitor	01/16/2017



Cesar A. Ruvalcaba

ID #: 6855

29153

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

Fabian Ruvalcaba

Name

Certification No. 15-5533

Expires on 11/17/17

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.





Appendix I

Summary of Lead-Containing Paints

Summary of Lead-Containing Paints

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6280
PROJECT NAME: Roosevelt ES Building A

Page 1 of 2

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
wall	PC-25	drywall	white	room 35 northeast	building A	330	No	N/A
window case	PC-26	metal	white	library east center	building A	1,200	No	N/A
wall	PC-28	wood	brown	room 31 northeast	building A	160	No	N/A
cabinet	PC-29	wood	brown	room 31 northeast	building A	290	No	N/A
door	PC-30	metal	green	library southeast	building A interior door and	450	No	N/A
door	PC-31	wood	green	library northeast	building A	370	No	N/A

Summary of Lead-Containing Paints

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6313
PROJECT NAME: Roosevelt ES Buildings B,C,D,H,E,G,K

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
door	PC-1	wood	white	storage room, building D,H	Buildings (interior), E,B,C,D,H,K,	200	no	n/a
baseboard	PC-3	wood	white	southwest corner of auditorium building H	interior building H	1,500	no	n/a
wall	PC-5	plaster	white	building E classroom 14 south center	buildings H,D,E,B,C,K,	170	no	n/a
fire cabinet	PC-7	metal	white	stage auditorium	building H	4,100	no	n/a
stage	PC-10	wood	white	auditorium southwest corner Building H	interior building H stage southwest	1,000	no	n/a
door	PC-13	wood	green	auditorium southeast corner	building H stage	3,800	no	n/a
door case	PC-14	metal	green	auditorium southeast corner	building H stage exterior buildings D	1,200	no	n/a
wall	PC-16	stucco	green	auditorium north center exterior	exterior buildings H,D	3,000	no	n/a
hatch	PC-24	wood	white	building E hatch	exterior building E	97	no	n/a
wall	PC-26	plaster	white	building C room 11 east center	exterior buildings E,B,C,D,G,K,F, H interiors	1,600	no	n/a