

TRIENNIAL ASBESTOS REINSPECTION REPORT
BUILDING 161 –RADIATION THERAPY



PREPARED FOR

Mr. James Bachman & Ms. Olivia Parducho
Department of Veterans Affairs
VA Long Beach Healthcare System
5901 East 7th St.
Long Beach CA 90815
Contract Number: GS-10F-0229U - Order Number: VA262-14-F-7064

PREPARED BY

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1.0 EXECUTIVE SUMMARY

Millennium Consulting Associates (Millennium) performed comprehensive triennial asbestos survey for the VA Medical Center in Long Beach, California under Contract No. VA262-14-F-7064. The objective of this project is to support the Operations & Maintenance Program by conducting the following tasks:

- Review VA-supplied previous Asbestos Survey, Assessment and abatement records;
- Conduct a comprehensive site evaluation of accessible locations within each specified building to, identify, assess & evaluate condition(s) and collect representative bulk samples of previously unsampled or newly observed PACM, suspect ACCM, and suspect ACM;
- Provide an asbestos health risk assessment and determine location and quantity estimates of ACCM and ACM.

A summary of the survey final results are incorporated into this report, providing a means for the VA to more efficiently plan for repairs, renovations and/or demolition projects.

Table 1, below, summarizes the positive Asbestos survey results from this project for Building 161 M.R.I.

This is only a list of sample locations. See attached Finish Schedule for all locations of all materials.

Table 1. Survey Summary of Positive Asbestos ACM Results reported by Millennium for Building 161.

Millennium Sample Number	Location	Asbestos Type	Asbestos Quantity	Material Description	Color	Friable ACBM
VALB-161-R5.1	Roof	<1% Chrysotile	300 lf	Walking Pad	Black	Non
VALB-161-R8.1	Roof	<1% Chrysotile		Flashing Mastic	Black	Friable

Table 2. Summary of All Known and Existing Asbestos Containing Materials for Building 161 as reported by others

Sample No.	Sample	Material Type	Color	Approx. Qty.	Asbestos
None	n/a	n/a	n/a	n/a	n/a

Please refer to Section 3 for details.

Materials Not Sampled per COTR Request:

1. All Doors
2. "Welded" Sheet Vinyl flooring except specifically instructed by COTR.
3. All Electrical Wiring
4. All other materials specifically called out in provided Finish Schedule.

2.0 INTRODUCTION

Millennium Consulting Associates (Millennium) performed a Comprehensive Triennial Asbestos Survey for the VA Medical Center in Long Beach, California under Contract No. VA262-14-F-7064. The project was conducted to determine the existence and condition of Asbestos Containing Materials (ACM) in specified buildings. A summary of the survey final results are incorporated into this report providing a means for the VA to more efficiently plan for repairs, renovations and/or demolition projects. In addition, a comprehensive Access database was developed specifically to manage the asbestos and lead data obtained for this project.

2.1 SCOPE OF WORK

The objective of this limited asbestos and lead survey is to provide the following information:

1. Identify, document and sample previously un-sampled suspect ACM;
2. Report, assess, and quantify all ACM discovered during the survey;
3. Provide comprehensive spreadsheet (finish schedule) of asbestos-containing materials identified.

The asbestos survey tasks included a review of previous asbestos surveys, abatement response action records, a thorough walk-thru of accessible areas within each building within the contract to identify accessible suspect asbestos finish/material, collection of representative samples for asbestos, assessment of the condition of the materials and quantification of the asbestos-containing materials throughout the specified buildings.

In accordance with the project requirements, samples were not taken if it rendered the material unstable, had the potential to cause leaking or other deterioration of the base material or if the sampling posed a hazard to those working in and around the building. The sampling of specific materials identified by the client, newly or recently renovated areas was omitted per the direction of the client.

2.2 SAMPLING METHODS, PROCEDURES AND PERSONNEL

A detailed sampling and analysis plan was prepared to facilitate sampling of homogeneous materials for asbestos. These are materials that are similar in appearance and texture, based on the substrate and/or suspect material. The asbestos survey was performed using general procedures and protocols defined in EPA 40 CFR, part 763.

The asbestos analyses were performed at an independent 3rd party accredited laboratory (EMSL Laboratory, San Diego, CA.) using the EPA 600/R-93/116 method. All locations within the scope of work were physically inspected and categorized by homogeneous area, to determine the presence of ACM.

Millennium personnel held valid licenses for the respective type of work they performed. These asbestos specific licenses include: Certified Asbestos Consultants (CAC) and Site-Surveillance Technicians (SST). The project team members and their respective certifications that performed site assessment activities are:

1. Mr. Jack McCubbin (CAC No. 93-0894),
2. Mr. Jeremy Malson, CIH, CSP (CAC No. 07-4183)

3. Ms. Lee Anne Norman (CAC No. 11-4779), and
4. Mr. Todd Reed (CSST No. 06-4032).

Physical Inspection, material sampling and physical assessment of the materials within Building 161 was conducted between November and December 2014 by the personnel above.

2.2.1 Review of Procedures: Asbestos Inspection, Bulk Sampling, Laboratory Information and Risk Assessment

The asbestos inspection and bulk sampling procedures were based on the guidelines established by the U.S. EPA in the *Guidance for Controlling Asbestos Containing Materials in Buildings*, Office of Pesticides and Toxic Substances, DOC #560/5-85-024 and 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA). Field information was organized according to the AHERA concept of Homogeneous Areas (HA). A HA is defined as a suspect material of similar age, appearance, function, and texture. Each homogeneous material was grouped together as a specific HA, sampled, and then assessed for condition. The AHERA guidelines represent an industry standard sampling protocol and as such was utilized during the inspection and sampling.

The locations within the buildings were physically inspected on a space-by-space and homogeneous area-by-homogeneous area basis, to determine the presence of ACM. Core samples of friable and non-friable suspect materials were collected by penetration of the suspect material to its substrate where allowed by the client. The bulk samples collected were placed in individual sealed containers and labeled with unique sample identification numbers. Representative samples of each homogeneous sampling area were then submitted to the laboratory to be analyzed for asbestos content.

Specifically, the inspection involved the following tasks:

1. Visual determination as to the extent of visible and accessible suspect materials and conditions of the material;
2. Collection and analyses of suspect building materials for asbestos content;
3. Determining condition (i.e., friable or non-friable) of suspect materials by physically touching, assessing, and placing the material into the correct ACM category (i.e., Physical Condition Assessment);
4. Quantification of the amount of ACM friable and non-friable materials along with their location;
5. Identification of all suspect materials sampled on the appropriate building floor plan diagram with the sample number; and
6. Preparation of a Chain-of-Custody form that accompanied the samples to the laboratory.

2.2.1.a Sample Chain of Custody and Contract Laboratory:

Chain-of-Custody procedures and records provide a means of tracing each sample from the time of collection through the shipment and final analyses. Proper Chain-of-Custody procedures also provide a written record of all persons handling the samples. The information necessary to relate sample locations for reporting purposes is documented with each sample. This information is essential to proper completion of a sample results report and typically includes client and facility information; unique sample identification

number; date and time sampled; sampler name and signature; sample location including the room/area; and field sketches of sample locations.

All sample analyses were performed by EMSL Laboratory, located in San Diego, CA. EMSL is a laboratory which is certified by the State of California Environmental Laboratory Accreditation Program (2713), the U.S. Department of Commerce, National Institute of Standards and Technology (NIST) and is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP No. 200855-0) for bulk asbestos analyses.

2.2.1.b Asbestos Material Physical/Condition Assessment:

The U.S. EPA AHERA specifies that a physical assessment of all friable suspect material must be performed during the inspection. The physical condition assessment consists of determining the condition of the ACM, and the potential for future disturbance. AHERA lists seven categories in which to assess the current condition and potential for damage for those asbestos materials having an asbestos content greater than 1%. These are considered Asbestos Containing Materials (ACM). These categories are as follows:

1. Damaged or Significantly Damaged Friable Thermal System Insulation;
2. Damaged Friable Surfacing Material;
3. Significantly Damaged Friable Surfacing Material;
4. Damaged or Significantly Damaged Friable Miscellaneous Material;
5. ACM with potential for damage;
6. ACM with the potential for significant damage; and
7. Any remaining Friable ACM or Assumed Friable ACM.

Additionally, as part of the assessment and categorization of materials, the ACMs are further defined by the current condition of the ACM, and the potential for future damage. These are defined as follows:

1. Current Condition of ACM: Intact, damaged or significantly damaged. The criteria for determining the damaged and significantly damaged conditions are as follows:
 - a. Damaged: The overall damage is up to ten percent ($\leq 10\%$) and/or any localized damage is up to twenty-five percent ($\leq 25\%$).
 - b. Significantly damaged: The overall damage is greater than ten percent ($> 10\%$) and/or any localized damage is greater than ($> 25\%$).
2. Potential for Future Damage of ACM: Another step in the assessment process is to determine the potential for future damage or deterioration for material classified as good or fair. The potential for future damage was classified as High, Moderate, or Low for Human Contact, Vibration and Air Erosion.
3. Friability Rating: All material were given a friability rating and classified as either Friable ACM or Non-Friable ACM. Friable ACM is defined as any material that contains more than one percent ($> 1\%$) asbestos and can be crumbled, pulverized, or reduced to powder by hand pressure. It is a description of risk and refers to a material's likeliness to release airborne fibers.

3.0 BUILDING SUMMARY

BUILDING 161— RADIATION THERAPY

Building No. 161 is a concrete building and was built in 1993. The building has one floor and is approximately 11,260 ft² in size. The building is considered to be in good overall condition.

4.0 SURVEY RESULTS

4.1 ACM Data Results

4.1.1 Summary of Previous Sampling Events:

Millennium reviewed one (1) document detailing previous asbestos-related matters associated with Building 161. The documents include the following:

1. Asbestos Bulk Sampling event, prepared by H2 Environmental (Facility-Wide Asbestos Survey, Building 161— MRI Modular Building, Project #1354510 AS, October 2010;
2. A total of thirty-one (31) bulk samples were collected (by H2 Environmental and others) within the entirety of Building 161 and then analyzed on a layer-by-layer basis using polarized light microscopy (PLM). The following table summarizes the materials sampled and found to contain Asbestos as reported in the referenced survey reports:

Sample No.	Sample	Material Type	Color	Approx. Qty.	Asbestos
None	n/a	n/a	n/a	n/a	n/a

Please refer to H2 Report #1354510 AS for the complete listing of materials previously sampled and reported to not contain detectable levels of asbestos.

4.1.2 FINDINGS OF MILLENNIUM 2014 TRIENNIAL SURVEY & ASSESSMENT

Millennium conducted a site inspection and assessment of Building 161 in November/December 2014. At the time of the survey, Millennium was informed that the roofing materials were replaced since the previous survey. A total of forty-one (41) bulk samples were collected within building 161 and then analyzed on a layer-by-layer basis using polarized light microscopy (PLM).

The results of the sampling event are as follows:

Sample No.	Sample Location	Material Type	Color	Approx. Qty.	Asbestos Content / Type
VALB-161-R1.1	ROOF NORTHEAST	GRAVEL BUILT UP ROOF - ROOFING	Black	N/A	ND
VALB-161-R1.1	ROOF NORTHEAST	GRAVEL BUILT UP ROOF - INSULATION	Gray	N/A	ND

MILLENNIUM
CONSULTING ASSOCIATES
A MECA Consulting, Inc. Company

Sample No.	Sample Location	Material Type	Color	Approx. Qty.	Asbestos Content / Type
VALB-161-R1.2	ROOF SOUTHEAST	GRAVEL BUILT UP ROOF - ROOFING	Black	N/A	ND
VALB-161-R1.2	ROOF SOUTHEAST	GRAVEL BUILT UP ROOF - INSULATION	Gray	N/A	ND
VALB-161-R1.3	ROOF CENTER WEST	GRAVEL BUILT UP ROOF - ROOFING	Black	N/A	ND
VALB-161-R1.3	ROOF CENTER WEST	GRAVEL BUILT UP ROOF - INSULATION	Gray	N/A	ND
VALB-161-R2.1	ROOF NORTHEAST	ROLLED ROOF FLASHING - SHINGLE	Gray	N/A	ND
VALB-161-R2.1	ROOF NORTHEAST	ROLLED ROOF FLASHING - ROOFING	Gray	N/A	ND
VALB-161-R2.2	ROOF SOUTHWEST	ROLLED ROOF FLASHING - SHINGLE	Gray	N/A	ND
VALB-161-R2.2	ROOF SOUTHWEST	ROLLED ROOF FLASHING - ROOFING	Gray	N/A	ND
VALB-161-R2.3	ROOF NORTHWEST	ROLLED ROOF FLASHING - SHINGLE	Gray	N/A	ND
VALB-161-R2.3	ROOF NORTHWEST	ROLLED ROOF FLASHING - ROOFING	Gray	N/A	ND
VALB-161-R3.1	ROOF SOUTHEAST	FLASH CAULKING	White	N/A	ND
VALB-161-R3.2	ROOF NORTHWEST	FLASH CAULKING	White	N/A	ND
VALB-161-R3.3	ROOF NORTH	FLASH CAULKING	White	N/A	ND
VALB-161-R4.1	ROOF SOUTHEAST	WALKING PAD	Gray	N/A	ND
VALB-161-R4.2	ROOF CENTER	WALKING PAD	Gray	N/A	ND
VALB-161-R4.3	ROOF NORTH	WALKING PAD	Gray	N/A	ND
VALB-161-R5.1	ROOF @ HB-11	WALKING PAD	Black	1	<1% Chrysotile
VALB-161-R5.2	ROOF @ EF-3	WALKING PAD	Black	1	<1% Chrysotile
VALB-161-R5.3	ROOF CENTER	WALKING PAD	Black	1	<1% Chrysotile
VALB-161-R6.1	ROOF WEST SOUTH	PENETRATION MASTIC	Gray	N/A	ND
VALB-161-R6.2	ROOF WEST CENTER	PENETRATION MASTIC RAISED ROOF	Gray	N/A	ND
VALB-161-R6.3	ROOF CENTER	PENETRATION MASTIC	Gray	N/A	ND
VALB-161-R7.1	ROOF CENTER HB-11	HVAC SEALANT	Gray	N/A	ND
VALB-161-R7.2	ROOF @ EF-3 SUPPLY	HVAC SEALANT	Gray	N/A	ND
VALB-161-R7.3	ROOF @ AH-7	HVAC SEALANT	Gray	N/A	ND
VALB-161-R8.1	ROOF SOUTHEAST	FLASHING MASTIC	Black	1	<1% Chrysotile
VALB-161-R8.2	ROOF WEST SOUTH	FLASHING MASTIC	Black	N/A	ND
VALB-161-R8.3	ROOF CENTER WEST @ RASIED ROOF	FLASHING MASTIC	Black	N/A	ND
VALB-161-F1.1	RM100 NORTHEAST	STONE & YELLOW GLUE - FLOOR TILE	Brown/Yellow	N/A	ND
VALB-161-F1.1	RM100 NORTHEAST	STONE & YELLOW GLUE - MASTIC	Brown/Yellow	N/A	ND

Sample No.	Sample Location	Material Type	Color	Approx. Qty.	Asbestos Content / Type
VALB-161-F1.2	RM 124 @ DOOR	RESILENT FLOOR TILE 16X16 - FLOOR TILE	Brown	N/A	ND
VALB-161-F1.2	RM 124@ DOOR	RESILENT FLOOR TILE 16X16 - MASTIC	Brown	N/A	ND
VALB-161-F1.3	RM 122 @ DOOR	RESILENT FLOOR TILE 16X16 - FLOOR TILE	Brown	N/A	ND
VALB-161-F1.3	RM 122 @ DOOR	RESILENT FLOOR TILE 16X16 - MASTIC	Brown	N/A	ND
VALB-161-F2.1	RM 100 @ 100A	16X16 RESILENT FLOOR TILE WOOD GRAIN -	Wood	N/A	ND
VALB-161-F2.1	RM 100 @ 100A	16X16 RESILENT FLOOR TILE WOOD GRAIN -	Wood	N/A	ND
VALB-161-F2.2	RM 100 NORTHEAST	16X16 RESILENT FLOOR TILE WOOD GRAIN -	Wood	N/A	ND
VALB-161-F2.2	RM 100 NORTHEAST	16X16 RESILENT FLOOR TILE WOOD GRAIN -	Wood	N/A	ND
VALB-161-F2.3	RM 100 SOUTH	16X16 RESILENT FLOOR TILE WOOD GRAIN -	Wood	N/A	ND
VALB-161-F2.3-	RM 100 SOUTH	16X16 RESILENT FLOOR TILE WOOD GRAIN -	Wood	N/A	ND
VALB-161-CTG3.1	RM 100C SOUTH	12X12 CERAMIC TILE GROUT /FLOOR	Tan	N/A	ND
VALB-161-CTG3.2	RM 100B SOUTH	12X12 CERAMIC TILE GROUT /FLOOR	Tan	N/A	ND
VALB-161-CTG4.1	RM 100C SOUTH	12X12 CERAMIC TILE GROUT /WALL	Tan	N/A	ND
VALB-161-CTG4.2	RM 100B SOUTH	12X12 CERAMIC TILE GROUT /WALL	Tan	N/A	ND
VALB-161-CB1.1	RM 121 WEST	4" COVEBASE - COVE BASE	Beige	N/A	ND
VALB-161-CB1.1	RM 121 WEST	4" COVEBASE - MASTIC	Beige	N/A	ND
VALB-161-CB1.2	CC-4 MIDDLE	4" COVEBASE - COVE BASE	Beige	N/A	ND
VALB-161-CB1.2	CC-4 MIDDLE	4" COVEBASE - MASTIC	Beige	N/A	ND
VALB-161-CB1.3	RM 137 WEST	4" COVEBASE - COVE BASE	Beige	N/A	ND
VALB-161-CB1.3	RM 137 WEST	4" COVEBASE - GLUE	Beige	N/A	ND
VALB-161-F3.1	RM 126 NORTH	12X12 RESILENT FLOOR TILE & GLUE - FLOOR	Tan/Yellow	N/A	ND
VALB-161-F3.1	RM 126 NORTH	12X12 RESILENT FLOOR TILE & GLUE - MASTIC	Tan/Yellow	N/A	ND
VALB-161-F3.2	RM 126 SOUTH	12X12 RESILENT FLOOR TILE & GLUE - FLOOR	Tan/Yellow	N/A	ND
VALB-161-F3.2	RM 126 SOUTH	12X12 RESILENT FLOOR TILE & GLUE - MASTIC	Tan/Yellow	N/A	ND
VALB-161-F4.1	RM 126 NORTH	RM 126 12X12 RESILIENT FLOOR & GLUE - FLOOR TILE	Mauve/Yellow	N/A	ND
VALB-161-F4.1	RM 126 NORTH	RM 126 12X12 RESILIENT FLOOR & GLUE - MASTIC	Mauve/Yellow	N/A	ND

Sample No.	Sample Location	Material Type	Color	Approx. Qty.	Asbestos Content / Type
VALB-161-F4.2	RM 126 SOUTH	RM 126 12X12 RESILIENT FLOOR &	Mauve/Yellow	N/A	ND
VALB-161-F4.2	RM 126 SOUTH	RM 126 12X12 RESILIENT FLOOR & GLUE - MASTIC	Mauve/Yellow	N/A	ND

5.0 CONCLUSIONS AND RECOMMENDATIONS

CONCLUSIONS

Based on this survey and a review of previous surveys, the following materials contained asbestos:

Building 161:

- The walking pad material and flashing mastic on the roof was found to contain asbestos in concentrations less than 1%. For regulatory compliance purposes, this material is considered to be an Asbestos-Containing Material (ACM) unless point count analysis is performed and reported to be <1.0%. This material is in good condition.

Please refer to the Asbestos Laboratory Data in Appendix A and Appendix B for the complete Finish Schedule.

6.0 LIMITING CONDITIONS

Millennium Consulting conducted the survey in November 2014, in accordance with industry standards in existence at the time of the project. The conclusions and recommendations presented in this report are based on the applicable standards of our profession at the time this report was prepared. Copies of this report are furnished to provide factual data that were gathered and summarized in the report.

The data, analysis and recommendations submitted in this report are solely for use of the Client. It may not be relied upon for third party use. This report has been prepared for the exclusive use of the Client for specific application to the survey performed on the property. This report may not be copied (except by our client) without the written permission of the Client. No other representation, expressed or implied, is made.

Millennium appreciated having the opportunity to provide you with our asbestos-related services. Should you have any questions regarding this report or require assistance in the design, specification, management, and/or clearance testing for any future repairs, renovations and/or demolition projects, please do not hesitate to contact us.

Appendix A

Asbestos Laboratory Data

**EMSL Analytical, Inc.**

7916 Convoy Court, Building 4, Suite A, San Diego, CA 92111

Phone/Fax: 858-499-1303 / (858) 499-1304

<http://www.EMSL.com>sandiegolab@emsl.com

EMSL Order: 431404075

CustomerID: MECA62

CustomerPO: 9225

ProjectID:

Attn: **Jack McCubbin**
Millennium Consulting Associates, Inc.
620 Contra Costa Blvd.
Suite 102
Pleasant Hill, CA 94523

Phone: (925) 808-6700
 Fax: (925) 808-6708
 Received: 11/17/14 8:00 AM
 Analysis Date: 11/19/2014
 Collected:

Project: 22015.2033 VALB ASB TRI SURVEY

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
VALB-161-R1.1-Roofing 431404075-0001	ROOF GRAVEL BUILT UPROOF NORTHEAST	Black Fibrous Homogeneous	5% Glass	95% Non-fibrous (other)	None Detected
VALB-161-R1.1-Insulation 431404075-0001A	ROOF GRAVEL BUILT UPROOF NORTHEAST	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-R1.2-Roofing 431404075-0002	ROOF GRAVEL BUILT UPROOF SOUTHEAST	Black Fibrous Homogeneous	2% Glass	98% Non-fibrous (other)	None Detected
VALB-161-R1.2-Insulation 431404075-0002A	ROOF GRAVEL BUILT UPROOF SOUTHEAST	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-R1.3-Roofing 431404075-0003	ROOF GRAVEL BUILT UPROOF CENTER WEST	Black Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (other)	None Detected
VALB-161-R1.3-Insulation 431404075-0003A	ROOF GRAVEL BUILT UPROOF CENTER WEST	Gray Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
VALB-161-R2.1-Shingle 431404075-0004	ROOF GRAY ROLLED ROOF FLASHING NORTHEAST	Black Fibrous Homogeneous	3% Glass	97% Non-fibrous (other)	None Detected

Analyst(s)

Erik Alvarenga (44)

Shayne Boney (16)

Derrick Tanner, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. San Diego, CA NVLAP Lab Code 200855-0, CA ELAP 2713

Initial report from 11/19/2014 17:37:26

**EMSL Analytical, Inc.**

7916 Convoy Court, Building 4, Suite A, San Diego, CA 92111

Phone/Fax: 858-499-1303 / (858) 499-1304

<http://www.EMSL.com>sandiegolab@emsl.com

EMSL Order: 431404075

CustomerID: MECA62

CustomerPO: 9225

ProjectID:

Attn: **Jack McCubbin**
Millennium Consulting Associates, Inc.
620 Contra Costa Blvd.
Suite 102
Pleasant Hill, CA 94523

Phone: (925) 808-6700
 Fax: (925) 808-6708
 Received: 11/17/14 8:00 AM
 Analysis Date: 11/19/2014
 Collected:

Project: 22015.2033 VALB ASB TRI SURVEY

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
VALB-161-R2.1-Roofing 431404075-0004A	ROOF GRAY ROLLED ROOF FLASHING NORTHEAST	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-R2.2-Shingle 431404075-0005	ROOF GRAY ROLLED ROOF FLASHING SOUTHWEST	Black Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-R2.2-Roofing 431404075-0005A	ROOF GRAY ROLLED ROOF FLASHING SOUTHWEST	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-R2.3-Shingle 431404075-0006	ROOF GRAY ROLLED ROOF FLASHING NORTHWEST	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-R2.3-Roofing 431404075-0006A	ROOF GRAY ROLLED ROOF FLASHING NORTHWEST	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-R3.1 431404075-0007	ROOF WHITE FLASH CAULKING SOUTHEAST	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-R3.2 431404075-0008	ROOF WHITE FLASH CAULKING NORTHWEST	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Erik Alvarenga (44)

Shayne Boney (16)

Derrick Tanner, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. San Diego, CA NVLAP Lab Code 200855-0, CA ELAP 2713

Initial report from 11/19/2014 17:37:26

**EMSL Analytical, Inc.**

7916 Convoy Court, Building 4, Suite A, San Diego, CA 92111

Phone/Fax: 858-499-1303 / (858) 499-1304

<http://www.EMSL.com>sandiegolab@emsl.com

EMSL Order: 431404075

CustomerID: MECA62

CustomerPO: 9225

ProjectID:

Attn: **Jack McCubbin**
Millennium Consulting Associates, Inc.
620 Contra Costa Blvd.
Suite 102
Pleasant Hill, CA 94523

Phone: (925) 808-6700
 Fax: (925) 808-6708
 Received: 11/17/14 8:00 AM
 Analysis Date: 11/19/2014
 Collected:

Project: 22015.2033 VALB ASB TRI SURVEY

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos	
			% Fibrous	% Non-Fibrous	% Type	
VALB-161-R3.3 431404075-0009	ROOF WHITE FLASH CAULKING NORTH	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected	
VALB-161-R4.1 431404075-0010	ROOF GRAY WALKING PAD SOUTHEAST	Black Non-Fibrous Homogeneous	2% Glass	98% Non-fibrous (other)	None Detected	
VALB-161-R4.2 431404075-0011	ROOF GRAY WALKING PAD CENTER	Black Fibrous Homogeneous	2% Glass	98% Non-fibrous (other)	None Detected	
VALB-161-R4.3 431404075-0012	ROOF GRAY WALKING PAD NORTH	Black Fibrous Homogeneous	3% Glass	97% Non-fibrous (other)	None Detected	
VALB-161-R5.1 431404075-0013	ROOF BLACK WALKING PAD @ HB-11	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	<1% Chrysotile	
VALB-161-R5.2 431404075-0014	ROOF BLACK WALKING PAD @ EF-3	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	<1% Chrysotile	
VALB-161-R5.3 431404075-0015	ROOF BLACK WALKING PAD CENTER	Black Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (other)	<1% Chrysotile	
VALB-161-R6.1 431404075-0016	ROOF GRAY PEN MASTIC WEST SOUTH	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected	

Analyst(s)

Erik Alvarenga (44)

Shayne Boney (16)

Derrick Tanner, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. San Diego, CA NVLAP Lab Code 200855-0, CA ELAP 2713

Initial report from 11/19/2014 17:37:26

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Project: 22015.2033 VALB ASB TRI SURVEY

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
VALB-161-R6.2 431404075-0017	ROOF GRAY PEN MASTIC RAISED ROOF WEST CENTER	Black Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
VALB-161-R6.3 431404075-0018	ROOF GRAY PEN MASTIC CENTER	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
VALB-161-R7.1 431404075-0019	ROOF GRAY HVAC SEALANT CENTER HB-11	Gray Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
VALB-161-R7.2 431404075-0020	ROOF GRAY HVAC SEALANT @ EF-3 SUPPLY	Gray Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
VALB-161-R7.3 431404075-0021	ROOF GRAY HVAC SEALANT @ AH-7	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-R8.1 431404075-0022	ROOF BLACK FLASHING MASTIC SOUTHEAST	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	<1% Chrysotile
VALB-161-R8.2 431404075-0023	ROOF BLACK FLASHING MASTIC WEST SOUTH	Black Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (other)	None Detected

Analyst(s)

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Project: 22015.2033 VALB ASB TRI SURVEY

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
VALB-161-R8.3 431404075-0024	ROOF BLACK FLASHING MASTIC CENTER WEST @ RASIED RO	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
VALB-161-F1.1- Floor Tile 431404075-0025	RM100 BROWN STONE & YELLOW GLUE NORTHEAST	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F1.1- Mastic 431404075-0025A	RM100 BROWN STONE & YELLOW GLUE NORTHEAST	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F1.2- Floor Tile 431404075-0026	RM 124 BROWN RESILENT FLOOR TILE 16X16 @ DOOR	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F1.2- Mastic 431404075-0026A	RM 124 BROWN RESILENT FLOOR TILE 16X16 @ DOOR	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F1.3- Floor Tile 431404075-0027	RM 122 BROWN RESILENT FLOOR TILE 16X16 @ DOOR	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F1.3- Mastic 431404075-0027A	RM 122 BROWN RESILENT FLOOR TILE 16X16 @ DOOR	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Project: 22015.2033 VALB ASB TRI SURVEY

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
VALB-161-F2.1-Floor Tile 431404075-0028	RM 100 16X16 RESILENT FLOOR TILE WOOD GRAIN @ 100A	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F2.1-Mastic 431404075-0028A	RM 100 16X16 RESILENT FLOOR TILE WOOD GRAIN @ 100A	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F2.2-Floor Tile 431404075-0029	RM 100 16X16 RESILENT FLOOR TILE WOOD GRAIN NORTHE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F2.2-Mastic 431404075-0029A	RM 100 16X16 RESILENT FLOOR TILE WOOD GRAIN NORTHE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F2.3-Floor Tile 431404075-0030	RM 100 16X16 RESILENT FLOOR TILE WOOD GRAIN SOUTH	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F2.3-Mastic 431404075-0030A	RM 100 16X16 RESILENT FLOOR TILE WOOD GRAIN SOUTH	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
VALB-161-CTG3.1 431404075-0031	RM 100C 12X12 CERAMIC TILE GROUT TAN FLOOR SOUTH	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-CTG3.2 431404075-0032	RM 100B 12X12 CERAMIC TILE GROUT TAN FLOOR SOUTH	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-CTG4.1 431404075-0033	RM 100C 12X12 CERAMIC TILE GROUT TAN WALL SOUTH	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-CTG4.2 431404075-0034	RM 100B 12X12 CERAMIC TILE GROUT TAN WALL SOUTH	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-CB1.1- Cove Base 431404075-0035	RM 121 4" COVEBASE BEIGE WEST	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-CB1.1- Mastic 431404075-0035A	RM 121 4" COVEBASE BEIGE WEST	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-CB1.2- Cove Base 431404075-0036	CC-4 4" COVEBASE BEIGE MIDDLE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
VALB-161-CB1.2-Mastic 431404075-0036A	CC-4 4" COVEBASE BEIGE MIDDLE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-CB1.3-Cove Base 431404075-0037	RM 137 4" COVEBASE BEIGE WEST	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-CB1.3-Glue 431404075-0037A	RM 137 4" COVEBASE BEIGE WEST	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F3.1-Floor Tile 431404075-0038	RM 126 12X12 RESILENT FLOOR TILE TAN & YELLOW GLUE	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F3.1-Mastic 431404075-0038A	RM 126 12X12 RESILENT FLOOR TILE TAN & YELLOW GLUE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F3.2-Floor Tile 431404075-0039	RM 126 12X12 RESILENT FLOOR TILE TAN & YELLOW GLUE	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F3.2-Mastic 431404075-0039A	RM 126 12X12 RESILENT FLOOR TILE TAN & YELLOW GLUE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
VALB-161-F4.1-Floor Tile 431404075-0040	RM 126 12X12 MAUVE & YELLOW GLUE NORTH	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F4.1-Mastic 431404075-0040A	RM 126 12X12 MAUVE & YELLOW GLUE NORTH	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F4.2-Floor Tile 431404075-0041	RM 126 12X12 MAUVE & YELLOW GLUE SOUTH	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VALB-161-F4.2-Mastic 431404075-0041A	RM 126 12X12 MAUVE & YELLOW GLUE SOUTH	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.
7916 CONVOY COURT
SAN DIEGO, CA 92111
PHONE: (858) 499-1303
FAX: (858) 499-1304

Company: <u>Millennium Consulting</u>		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>620 Contra Costa Blvd #102</u>		Third Party Billing requires written authorization from third party	
City: <u>Pleasant Hill</u>	State/Province: <u>Ca</u>	Zip/Postal Code: <u>94523</u>	Country: <u>USA</u>
Report To (Name): <u>JACK McCubbin</u>		Telephone #: <u>925-808-6700</u>	
Email Address: <u>JMcCubbin@millennium.com</u> <u>FRONTDOCK@MCCUBBIN.COM</u>		Fax #: <u>925-808-6708</u>	Purchase Order: <u>9225</u>
Project Name/Number: <u>22015-2033 VALB ASB</u>		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: <u>Ca</u> <u>TRI Survey</u>		CT Samples: <input checked="" type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input checked="" type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>			
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: <u>Todd Reed</u>		Samplers Signature: <u>[Signature]</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
<u>VALB-161-R1.1</u>	<u>Roof Gravel Built up Roof</u> <u>NORTHEAST</u>	<u>4500</u> <input checked="" type="checkbox"/>	<u>11-14-14</u>
<u>161-R1.2</u>	<u>SOUTHEAST</u>	<u>"</u>	
<u>R1.3</u>	<u>Center West</u>	<u>"</u>	
<u>R2.1</u>	<u>Gray Rolled Roof Flashing</u> <u>NORTHEAST</u>	<u>1200</u> <input checked="" type="checkbox"/>	
<u>R2.2</u>	<u>SOUTHWEST</u>	<u>"</u>	
<u>R2.3</u>	<u>NORTHWEST</u>	<u>"</u>	
<u>R3.1</u>	<u>White Flash Caulking</u> <u>SOUTHEAST</u>	<u>100 LF</u>	
<u>R3.2</u>	<u>NORTHWEST</u>	<u>"</u>	
Client Sample # (s):		Total # of Samples: <u>41</u>	
Relinquished (Client): <u>[Signature]</u>		Date: <u>11-15-2014</u>	Time: <u>1200</u>
Received (Lab): <u>[Signature]</u>		Date: <u>11/17/14</u>	Time: <u>8:00am</u>
Comments/Special Instructions:			



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
161 VALB- 161 R3.3	Roof White Flashing Caulking NORTH	100 LF	11-14-14
-161R4.1	Gray Walking PAD Gray Pen Mastic SOUTHEAST	350 IA	
R4.2	Center	↓	
R4.3	NORTH	↓	
R5.1	BLACK @ HB-11	50 IA	
R5.2	@ EF-3	↓	
R5.3	Center	↓	
R6.1	Gray Pen Mastic WEST SOUTH	50 IA	
R6.2	Raised Roof WEST Center	↓	
R6.3	Center	↓	
R7.1	HVAC Sealant Center HB-10	300 LF	
R7.2	@ EF-3 ^{Supply}	↓	
R7.3	@ AH-7	↓	
R8.1	BLACK Flashing Mastic SOUTHEAST	50 IA	
R8.2	WEST SOUTH	↓	
R8.3	Center WEST @ Raised Roof	↓	
F1.1	Rm100 BROWN STONE ^{REFIT} + Yellow Glue NORTH EAST	500 IA	11-13-14
F1.2	Rm124 Resilient Floor tile 16x16 @ DOOR	↓	
F1.3	Rm100 ¹²² @ DOOR	↓	
F2.1	Rm100 16x16 Resilient Floor tile WOOD Grain @ 100A	625 IA	
F2.2	NORTH EAST	↓	
F2.3	SOUTH	↓	
↓			
↓			

*Comments/Special Instructions:

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[illegible]

Appendix B

Asbestos Finish Schedule & Hazard Assessment

Current Rm Name		Surface	Material	Size	Color	Sample Info				HAZARD ASSESSMENT								Comment
						Asbestos Present	Millennium Sample No.	PreviouslyS ampled (Y/N)	HA #	Friable	Good - No Damage	Damaged (10% overall or 25% localized)	SignificantlyDamaged >10% overall OR >25% localized)	Potential for Damage (vibration, Access, Erosion)	TSI	Surfacing	Misc	
1st Floor	100 Lobby	Ceiling	Acoustic Cieiling Tile	2x2	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	100 Lobby	Wall(s)	Wallboard with Joint Compound		Olive/Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	100 Lobby	Floor	Resilient Floor Tile & Glue x2	16x16	Wood Grain Yellow	N	F2.1-F2.3	N	F2	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	100 Lobby	Door/Door Frame	Metal/Wood		Beige/Wood	Not Suspect	N/A	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	100 Lobby	Misc	Covebase/Wood	4"	Beige	N	N	Y	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	100 Lobby	Misc	Fire Proofing		Grey	N	N	Y	N	N/A	N/A	N/A	N/A	N/A	N/A	X	N/A	
1st Floor	100 Lobby	Misc	Window Caulking	4'x4'	Black	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	100 A Sidnal Closet	Ceiling	No Access															
1st Floor	100 A Sidnal Closet	Wall(s)																
1st Floor	100 A Sidnal Closet	Floor																
1st Floor	100 A Sidnal Closet	Door/Door Frame																
1st Floor	100 A Sidnal Closet	Misc																
1st Floor	100 A Sidnal Closet	Misc																
1st Floor	100 A Sidnal Closet	Misc																
1st Floor	101 B/101 C	Ceiling	Wall Board		White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	101 B/101 C	Wall(s)	Ceramic Tile & Grout	12x12	Tan & Tan	N	CTG 2.1-CTG 2.3	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	101 B/101 C	Floor	Ceramic Tile & Grout	16x16	Tan & Tan	N	CTG3.1-3.2	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	101 B/101 C	Door/Door Frame	Metal/Wood		Beige/Wood	Not Suspect	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	101 B/101 C	Misc	Ceramic Accent Tile and Grout	4"	Multi Brown	Not Suspect	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	103	Ceiling	Acoustic Ceiling Tile Pinhole Small Worm	2x2	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	103	Wall(s)	Wallboard with Joint Compound		White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	103	Floor	Resilient Floor Sheeting and Glue	16x16	Brown Stone/Yellow	N	F1.1-F1.3	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	103	Door/Door Frame	Metal/Wood		Beige/Beige	Not Suspect	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	103	Misc	Covebase/Wood		Beige	N	CB1.1-CB1.3	N	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	103A, 119, 121A	Ceiling	Acoutic Ceiling Tile Pinhole Worm	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	103A, 119, 121A	Wall(s)	Wallboard with Joint Compound		White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	103A, 119, 121A	Floor	Resilient Floor Sheeting and Glue	12x12	White with Grey Streak	N	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	New
1st Floor	103A, 119, 121A	Door/Door Frame	Metal/Wood		Beige	Not Suspect	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	103A, 119, 121A	Misc	Covebase and Glue	4"	Green & Off White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	111	Ceiling	Acoutic Ceiling Tile Pinhole Worm	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	111	Wall(s)	Wallboard with Joint Compound		White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	111	Floor	Resilient Floor Sheeting and Glue		White with Grey/Yellow Streak	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	111	Door/Door Frame	Metal/Wood		Beige	Not Suspect	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	111	Misc	Covebase and Glue	4"	Beige & Off White	N	CB1.1-CB1.3	N	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	109,110,106,104,105,000	Ceiling	Acoutic Ceiling Tile Pinhole Worm	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	109,110,106,104,105,000	Wall(s)	Wallboard with Joint Compound		Beige/Olive	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	109,110,106,104,105,000	Floor	Carpet		Brown/Yellow	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ACM mastic may exist underneath
1st Floor	109,110,106,104,105,000	Door/Door Frame	Metal/Wood		Beige	Not Suspect	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	109,110,106,104,105,000	Misc	Covebase and Glue	4"	Off White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	109,110,106,104,105,000	Misc	Window Caulking		Black	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Current Rm Name		Surface	Material	Size	Color	Sample Info				HAZARD ASSESSMENT								Comment
						Asbestos Present	Millennium Sample No.	PreviouslySampled (Y/N)	HA #	Friable	Good - No Damage	Damaged (10% overall or 25% localized)	SignificantlyDamaged >10% overall OR >25% localized)	Potential for Damage (vibration, Access, Erosion)	TSI	Surfacing	Misc	
1st Floor	125,121, 123, 108, 131, All Corridors, CC3-CC6, CC8	Ceiling	Acoustic Ceiling Tile Pinhole Worm	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	125,121, 123, 108, 131, All Corridors, CC3-CC6, CC8	Wall(s)	Wallboard with Joint Compound		Beige/Olive	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	125,121, 123, 108, 131, All Corridors, CC3-CC6, CC8	Floor	Resilient Floor Tile & Glue	12x12	White with Grey Streak	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	125,121, 123, 108, 131, All Corridors, CC3-CC6, CC8	Door/Door Frame	Metal/Wood		Beige	Not Suspect	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	125,121, 123, 108, 131, All Corridors, CC3-CC6, CC8	Misc	Covebase and Glue	4"	Beige/ Off White	N	CB1.1-CB1.3	Y	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	125,121, 123, 108, 131, All Corridors, CC3-CC6, CC8	Misc	Fire Proofing			N	N	Y	N	N/A	N/A	N/A	N/A	N/A	N/A	X	N/A	
1st Floor	112	Ceiling	Acoustic Ceiling Tile Small Pinhole	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	112	Wall(s)	Wallboard with Joint Compound		Olive/Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	112	Floor	Carpet		Brown	Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ACM mastic may exist underneath
1st Floor	112	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	112	Misc	Covebase and Glue	4"		N	CB1.1-CB1.3	Y	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	CC9, 114	Ceiling	Acoustic Ceiling Tile Small Pinhole	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	CC9, 114	Wall(s)	Wallboard with Joint Compound		Olive/Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	CC9, 114	Floor	Resilient Floor Tile & Glue	16x16	Off White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	CC9, 114	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	CC9, 114	Misc	Covebase and Glue	4"	Beige/Off White	N	CB1.1-CB1.3	N	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	114 Lobby	Ceiling	Acoustic Ceiling Tile Pinhole	2x4 and 2x2	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	114 Lobby	Wall(s)	Wallboard with Joint Compound		Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	114 Lobby	Floor	Resilient Floor Sheetting x2	12x12 & 16x16	Off White /White with Grey Streak	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	114 Lobby	Door/Door Frame	Wood/Metal		Clear and Silver	Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	114 Lobby	Misc	Cove Base with Mastic	4"	Beige	N	CB1.1-CB1.3	N	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	115, 116	Ceiling	Acoustic Ceiling Tile Small Pinhole	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	115, 116	Wall(s)	Wallboard with Joint Compound/Lead in Walls		Beige & Off White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	115, 116	Floor	Resilient Floor Sheetting and Mastic		Pink	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	115, 116	Door/Door Frame	6" Radiation Door		Beige	N	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	115, 116	Misc	Covebase and Glue	6"	Beige & Off White	N	CB1.1-CB1.3	N	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	117	Ceiling	Acoustic Ceiling Tile Pinhole	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	117	Wall(s)	Wallboard with Joint Compound			N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	117	Floor	Resilient Floor Sheetting and Mastic		Pink	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	117	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	117	Misc	Cove Base with Mastic	6"	Beige	N	CB1.1-CB1.3	N	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	118, 188A	Ceiling	Acoustic Ceiling Tile Pinhole	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	118, 188A	Wall(s)	Wallboard with Joint Compound/Lead in Walls		Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	118, 188A	Floor	Resilient Floor Sheetting		Grey	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	118, 188A	Door/Door Frame																
1st Floor	122,124	Ceiling	Acoustic Ceiling Tile Small Pinhole Worm	2x2	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	122,124	Wall(s)	Wallboard with Joint Compound/Lead in Walls		Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	122,124	Floor	Resilient Floor Tile & Glue	16x16	Brown Stone	N	F1.1-F1.3	N	F1	N	N	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	122,124	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	122,124	Misc	Cove Base with Mastic	4"	Beige and Off White	N	CB1.1-CB1.3	Y	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Current Rm Name		Surface	Material	Size	Color	Sample Info				HAZARD ASSESSMENT								Comment
						Asbestos Present	Millennium Sample No.	PreviouslyS ampled (Y/N)	HA #	Friable	Good - No Damage	Damaged (10% overall or 25% localized)	SignificantlyDamaged >10% overall OR >25% localized)	Potential for Damage (vibration, Access, Erosion)	TSI	Surfacing	Misc	
1st Floor	126	Ceiling	Acoustic Ceiling Tile Small Pinhole Worm	2x2		N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	126	Wall(s)	Wallboard with Joint Compound		Beige/Olive	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	126	Floor	Resilient Floor Tile & Mastic x2	160 SF/60 SF	Tan/ Mauve	N	Y	N	F3.1- F3.2/F4.1- F4.2	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	126	Door/Door Frame	Wood/Metal		White and Black	Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	126	Misc	Cove Base with Mastic	4"	Beige and Off White	N	CB1.1-CB1.3	Y	CB1	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	127,128,134A	Ceiling	Wall Board		Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	127,128,134A	Wall(s)	Ceramic Tile & Grout x2	4x4/ 2x2	White/ Blue	Not Suspect	N	N	N	N	N	N	N	N	N	N	N	
1st Floor	127,128,134A	Floor	Ceramic Tile & Grout	2x2	Blue	Not Suspect	N	N	N	N	N	N	N	N	N	N	N	
1st Floor	127,128,134A	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	130	Ceiling	Wall Board		Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	130	Wall(s)	Wallboard with Joint Compound		Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	130	Floor	Resilient Floor Tile & Glue	12x12	White with Grey Streak	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	130	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	130	Misc	Cove Base with Mastic	4"	Blue	N	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	129	Ceiling	Acoustic Ceiling Tile Pinhole Worm	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	129	Wall(s)	Wallboard with Joint Compound		Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	129	Floor	Resilient Floor Sheetting		White with Grey Streak & Yellow	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	129	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	129	Misc	Cove Base with Mastic	6"	Green & Off White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	132	Ceiling	Acoustic Ceiling Tile Pinhole Worm	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	132	Wall(s)	Wallboard with Joint Compound		Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	132	Floor	Resilient Floor Sheetting & Mastic	12x12	White with Grey Streak & Yellow	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	132	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	132	Misc	Cove Base with Mastic	4"	Beige & Off White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	134	Ceiling	Acoustic Ceiling Tile Pinhole Worm	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	134	Wall(s)	Wallboard with Joint Compound		Beige	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	134	Floor	Resilient Floor Sheetting & Mastic	12x12	Blue & Yellow	N	N	N	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	134	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	134	Misc	Cove Base with Mastic		Beige & Off White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	133, 135, 136, 137	Ceiling	Acoustic Ceiling Tile Pinhole Worm	2x4	White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	133, 135, 136, 137	Wall(s)	Wallboard with Joint Compound		Beige/Olive	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	133, 135, 136, 137	Floor	Resilient Floor Sheetting & Mastic	12x12	White with Grey Streak & Yellow	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	133, 135, 136, 137	Door/Door Frame	Wood/Metal			Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	133, 135, 136, 137	Misc	Cove Base with Mastic	4"	Beige & Off White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	133, 135, 136, 137	Misc	Ceramic Tile and Grout x2	4x4/ 2x2	White/Blue	Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	139	Ceiling	Robinson Deck		Bare	Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	139	Wall(s)	Concrete & Wall Board and Joint Compound		White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	139	Floor	Resilient Floor Tile and Glue	12x12	White w/ Black & Yellow	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	139	Floor	Metal/Metal		Beige/Beige	Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	139	Misc	HVAC Sealant		Tan	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Current Rm Name		Surface	Material	Size	Color	Sample Info				HAZARD ASSESSMENT								Comment
						Asbestos Present	Millennium Sample No.	PreviouslyS ampled (Y/N)	HA #	Friable	Good - No Damage	Damaged (10% overall or 25% localized)	SignificantlyDamaged >10% overall OR >25% localized)	Potential for Damage (vibration, Access, Erosion)	TSI	Surfacing	Misc	
1st Floor	113	Ceiling	Robinson Deck		Bare	Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	113	Wall(s)	Concrete & Wall Board and Joint Compound		White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	113	Floor	Resilient Floor Tile and Glue	12x12	White with Black & Yellow	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	113	Door/Door Frame	Wood/Metal		Wood/Beige	Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	113	Misc	Covebase with Mastic		Grey & Green & Off White													
1st Floor	100A, 120, 124A	Ceiling	Wall Board and Joint Compound		Bare	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	100A, 120, 124A	Wall(s)	Wall Board and Joint Compound		Bare	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	100A, 120, 124A	Floor	Resilient Floor Tile and Mastic		White with Black & Yellow	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1st Floor	100A, 120, 124A	Door/Door Frame	Wood/Metal	12x12	Wood/Beige	Not Suspect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Door core may contain ACM
1st Floor	100A, 120, 124A	Misc	Covebase & Mastic	4"	Grey & Off White	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Roof	Roof	Ceiling	Gravel Built Up Roof		Gravel/Black	N	R1.1-R1.3	N	R1	N	N	N/A	N/A	N/A	N/A	N/A	N/A	
Roof	Roof	Wall(s)	Rolled Roof Flashing		Grey	N	R2.1-R2.3	N	R2	N	N	N/A	N/A	N/A	N/A	N/A	N/A	
Roof	Roof	Floor	ParaPit Caulk (Top Edge)		White	N	R3.1-R3.3	N	R3	N	N	N/A	N/A	N/A	N/A	N/A	N/A	
Roof	Roof	Misc	Walking Pads		Grey	Y (< 1%)	R4.1-R4.3	N	R4	N	N	N/A	N/A	N/A	N/A	N/A	X	
Roof	Roof	Misc	Penetration Mastic		Black	N	R5.1-R5.3	N	R5	N	N	N/A	N/A	N/A	N/A	N/A	N/A	
Roof	Roof	Misc	Flashing Mastic		Black	Y (< 1%)	R8.1-R8.3	N	R8	N	N	N/A	N/A	N/A	N/A	N/A	X	
Roof	Roof	Misc	Penetration Mastic	4x8	Grey	N	R6.1-R6.3	N	R6	N	N	N/A	N/A	N/A	N/A	N/A	N/A	
Roof	Roof	Misc	HVAC Sealant		Grey	N	R7.1-R7.3	N	R7	N	N	N/A	N/A	N/A	N/A	N/A	N/A	
	Exterior		Stucco		Grey	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	X	N/A	N/A
	Exterior		Window Caulking		Black	N	N	Y	N	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Appendix C

Asbestos Sample Location Plan

A

three inches = one foot

B

one and one half inches = one foot

C

one inch = one foot

D

three quarters inch = one foot

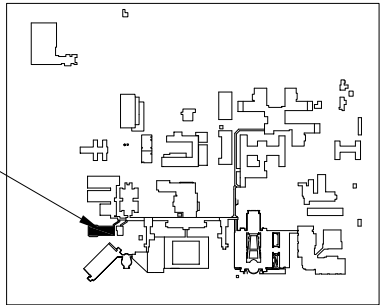
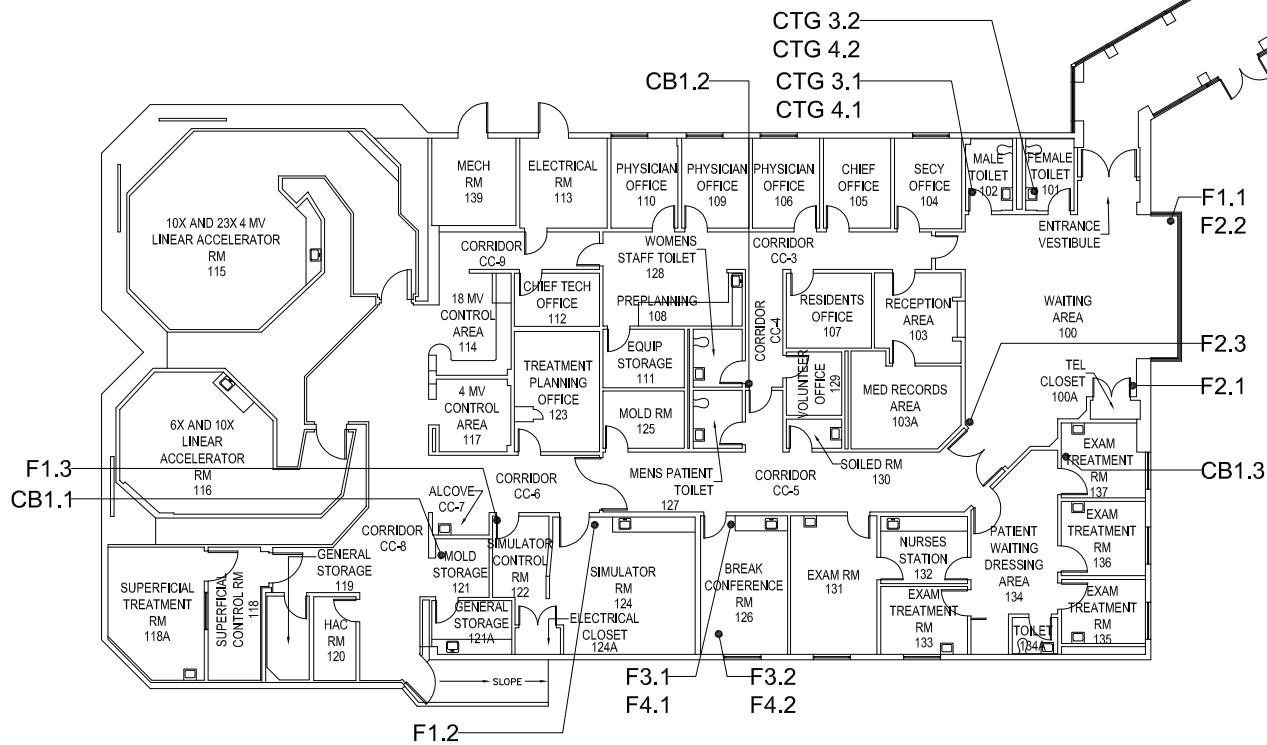
E

one half inch = one foot

F

three eighths inch = one foot

one eighth inch = one foot



		Architects/Engineers/Consultants MILLENNIUM CONSULTING ASSOCIATES <small>A MECA Consulting, Inc. Company</small>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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A

three inches = one foot

B

one and one half inches = one foot

C

one inch = one foot

D

three quarters inch = one foot

E

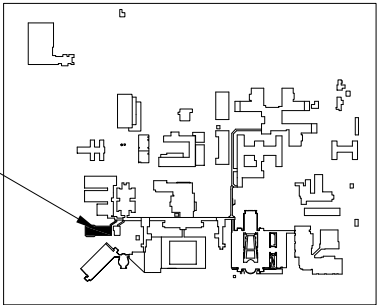
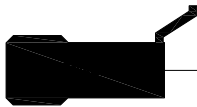
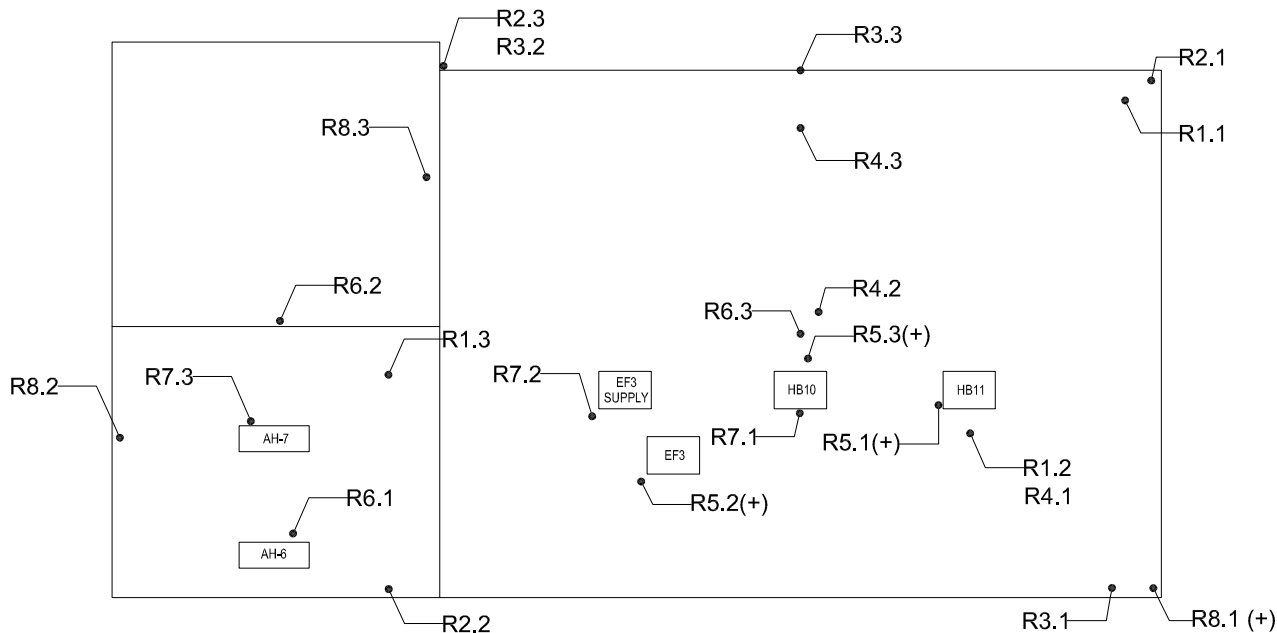
one half inch = one foot


F

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot



		Architects/Engineers/Consultants: MILLENNIUM CONSULTING ASSOCIATES <small>A MECA Consulting, Inc. Company</small>				Drawing Title BUILDING 161 ROOF PLAN ASBESTOS SAMPLE LOCATION MAP		Project Title LONG BEACH ACM SURVEY		Project Number: 22015.2033		Office of Facilities Management 			
						Approved Project Director:		Location: VA MEDICAL CENTER 5901 EAST 7TH STREET		Building Number: 161					
								Date: 07-24-2015		Checked: JR3				Drawing Number: 161	
Final Submission Revisions		06-23-2014 Date		Professional Seal						Dwg. 2 of 2					