



**ASBESTOS-CONTAINING MATERIALS SURVEY
VETERANS AFFAIRS MEDICAL CENTER
4150 CLEMENT STREET
BUILDING 001
SAN FRANCISCO, CALIFORNIA**

B1

Submitted to:

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Engineer
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4150 Clement Street
San Francisco, California 94121

Prepared By:

A handwritten signature in blue ink, appearing to read "M.S. Benefield".

Michael S. Benefield, PE, CAC #06-3938
Senior Project Manager

Reviewed By:

A handwritten signature in black ink, appearing to read "Dario A. Oakley".

Dario A. Oakley, CHMM, REA
Asbestos and Lead Program Manager

IHI Project No. 09B-2173

December 9, 2009

Appendix E of this report contains a list of samples, sample locations, and analytical results for each of the samples. Samples are listed in order of homogeneous area number. Appendix G of this report contains plan drawings of the building showing bulk sample locations. Copies of the laboratory analytical reports for the samples collected in this building are included in Appendix F of this report.

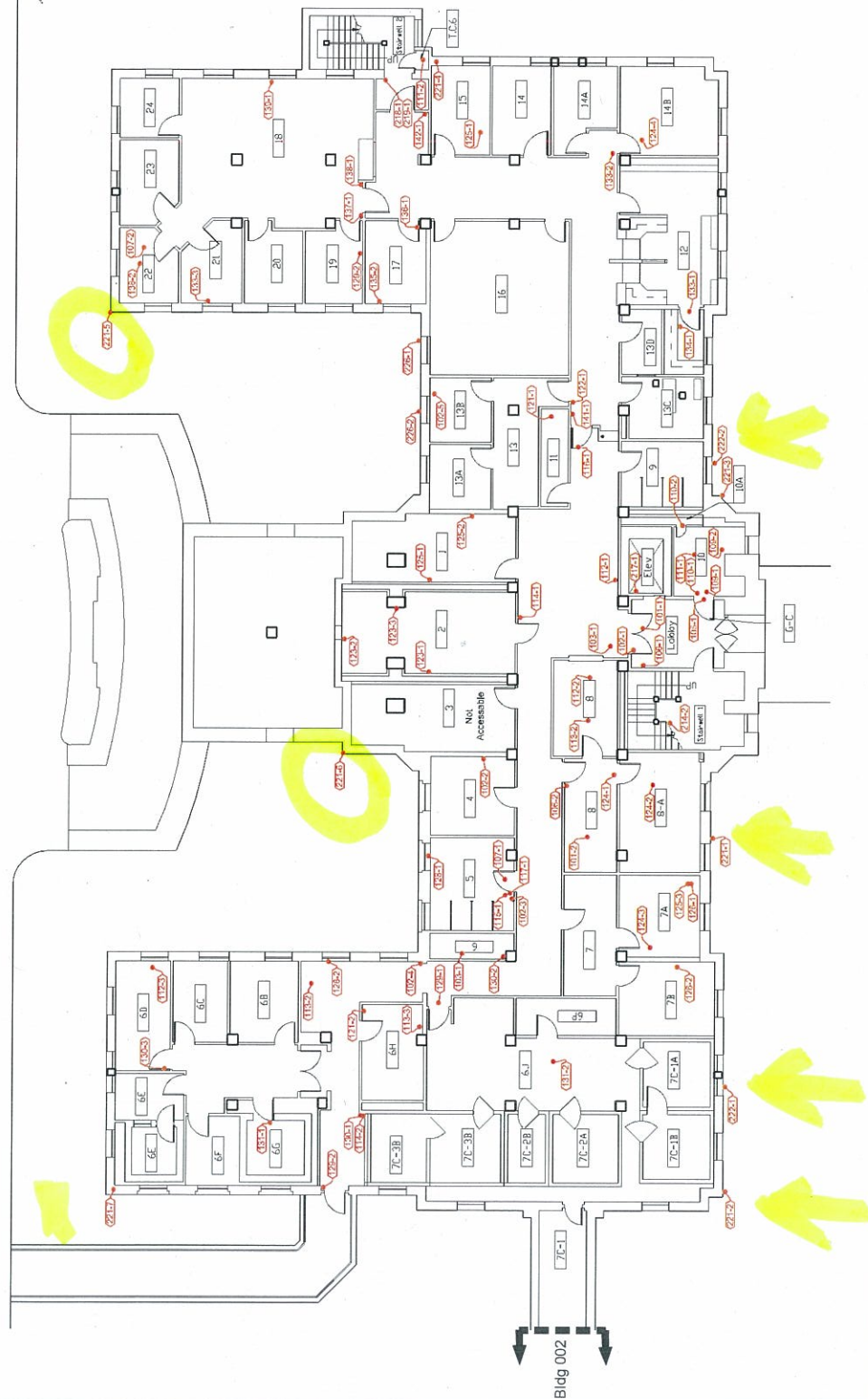
3.5 Asbestos-Containing Materials

A homogeneous area of a building material is considered to be an ACM if the laboratory analysis shows the material to contain greater than 1% asbestos. Based on the results of our survey and sample collection/analysis, the following categories and estimated quantities of ACM were identified in this building.

Ceiling Tiles, Laid-In	4,612 Sq. Ft.
Window Glazing Putty	6,000 Lin. Ft.
Ceramic Floor Tile Adhesive and Grout*	569 Sq. Ft.
Ceramic Wall Tile Adhesive and Grout*	1,722 Sq. Ft.
Leveling Compound	80 Sq. Ft.
Flooring Mastic	14,183 Sq. Ft.
Vinyl Floor Tile	6,920 Sq. Ft.
Terrazzo Flooring*	2,213 Sq. Ft.
Vinyl Sheet Flooring	210 Sq. Ft.
Mirror Adhesive*	20 Sq. Ft.
Sink Undercoating	8 Each
Window Frame Caulk	503 Sq. Ft.
Pipe Insulation	622 Lin. Ft.
Gypsum Wallboard System	7,019 Sq. Ft.
Skim / Texture Coats	26,345 Sq. Ft.
Acoustic Wall Tile Adhesive	500 Sq. Ft.

* Material was not sampled and is assumed to contain asbestos

Room Number Asbestos Sample Number And Location



DATE: 12/1/2009 1:40:29 PM

Project Name:

Building 001

Survey Segment:

A: Building 001

Address:

4150 Clement St., San Francisco, CA 94121

<u>Sample #</u>	<u>Homogeneous Area #</u>	<u>Material Description</u>	<u>Location /Description</u>	<u>Asbestos Results</u>
001-221-1	221	Stucco Gray	Ground: Exterior Exterior	ND None Detected
001-221-1	221B	Stucco Gray (Split Layer: Mastic-Black)	Ground: Exterior Exterior	ND None Detected
001-221-2	221	Stucco Gray	Ground: Exterior Exterior	ND None Detected
001-221-2	221B	Stucco Gray (Split Layer: Mastic-Black)	Ground: Exterior Exterior	ND None Detected
001-221-3	221	Stucco Gray	Ground: Exterior Exterior	ND None Detected
001-221-4	221	Stucco Gray	Ground: Exterior Exterior	ND None Detected
001-221-5	221	Stucco Gray	Ground: Exterior Exterior	ND None Detected
001-221-5	221B	Stucco Gray (Split Layer: Mastic-Black)	Ground: Exterior Exterior	ND None Detected
001-221-6	221	Stucco Gray	Ground: Exterior Exterior	ND None Detected
001-221-6	221B	Stucco Gray (Split Layer: Mastic-Black)	Ground: Exterior Exterior	ND None Detected
001-221-7	221	Stucco Gray	Ground: Exterior Exterior	ND None Detected
001-221-7	221B	Stucco Gray (Split Layer: Mastic-Black)	Ground: Exterior Exterior	ND None Detected

Project Name:

Building 001

Survey Segment:

A: Building 001

Address:

4150 Clement St., San Francisco, CA 94121

<u>Sample #</u>	<u>Homogeneous Area #</u>	<u>Material Description</u>	<u>Location /Description</u>	<u>Asbestos Results</u>
001-222-1	222	Window Putty Gray	Ground: Exterior Exterior	1-5% Chrysotile
001-222-2	222	Window Putty Gray	Ground: Exterior Exterior	1-5% Chrysotile
001-223-1	223	Off-White Window Putty Window Putty Patch	Ground: Exterior Exterior	ND None Detected
001-224-1	224	Mortar Stair Mortar	Ground: Exterior Exterior	ND None Detected
001-224-2	224	Mortar Stair Mortar	Ground: Exterior Exterior	ND None Detected
001-224-3	224	Mortar Stair Mortar	Ground: Exterior Exterior	ND None Detected
001-225-1	225	Mortar Stair Mortar Patch	Ground: Exterior Exterior	ND None Detected
001-226-1	226	Window Putty Beige	Ground: Exterior Exterior	ND None Detected
001-226-2	226	Window Putty Beige	Ground: Exterior Exterior	1-5% Chrysotile
001-227-1	227	Vinyl Floor Tile 12x12 Light Blue (tan mastic)	2: 219-B Office	ND None Detected
001-228-1	228	Gypsum Wallboard System No Skim 4th Floor	4: 401-A Storage	ND None Detected
001-228-2	228	Gypsum Wallboard System No Skim 4th Floor	4: 401-A Storage	ND None Detected
001-174-3	229	Gypsum Wallboard System 2nd Floor Suite 220 w/ Skim (mtl #230)	2: 220 Corridor Hallway	ND None Detected
001-174-3	229	Gypsum Wallboard System 2nd Floor Suite 220 w/ Skim (mtl #230)	2: 220 Corridor Hallway	ND None Detected