CITADEL ENVIRONMENTAL SERVICES, INC.

assess
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April 26, 2019

Ms. Gillian Tiede, PE
Project Manager
LA County Department of Public Works
900 South Freemont Avenue, 5th Floor
Alhambra, California 91803

Re: CITADEL Project No. 0018.1069.0
Contract No. PW15024
Environmentally-Regulated Materials Consulting Services
Pre-Demolition Asbestos and Lead Survey Report
Augustus F. Hawkins Building
Martin Luther King, Jr. Medical Campus
12021 South Wilmington Avenue
Los Angeles, California 90059

Dear Ms. Tiede:

Enclosed please find Citadel Environmental Services, Inc.'s Environmentally-Regulated Materials (ERMs) Survey Report for the above-referenced location.

The ERMs survey was conducted for LA County Department of Public Works in accordance with Citadel's Proposal 0018.1069.0, dated November 26, 2018 and a mutually agreed upon scope of work.

If after your review you have any questions or require additional information, please do not hesitate to telephone me at the Citadel Office at (818) 246-2707.

Sincerely,
CITADEL ENVIRONMENTAL SERVICES, INC.

Jack Samuels

Digitally signed by Jack Samuels
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Jack Samuels, CAC, CDPH
Associate Principal, Building Sciences

Enclosure

LA County Department of Public Works
900 South Freemont Avenue, 5th Floor
Alhambra, California 91803

Pre-Demolition Asbestos and Lead Survey Report

April 26, 2019

Citadel Project Number 0018.1069.0

Pre-Demolition Asbestos and Lead Survey
Augustus F. Hawkins Building
Martin Luther King, Jr. Medical Campus
12021 South Wilmington Avenue
Los Angeles, California 90059

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CITADEL
ENVIRONMENTAL SERVICES, INC.

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1.0 INTRODUCTION

Citadel Environmental Services, Inc. was contracted by the LA County Department of Public Works (Client) to perform a Pre-Demolition Level Asbestos and Lead Survey (Survey) of the Augustus F. Hawkins Building (Hawkins Building) (Project Area) at the Martin Luther King, Jr. Medical Campus located at 12021 South Wilmington Avenue in Los Angeles, California (Site).

The Survey was conducted in anticipation of demolition activities at the Hawkins Building (Project). Please note that the majority of the building was occupied during the survey. Our ability to perform demolition inspection techniques was limited to inspecting under carpeting throughout the building and inspecting for second layers of flooring in some of the unoccupied areas. Additional inspection and sampling will be required during the specification development phase of the project to identify as many hidden conditions as possible.

Inspection for the following items was included in the scope of work.

- Asbestos-containing materials/asbestos-containing construction materials (ACMs/ACCMs);
- Suspect lead-containing paints (LCPs);
- Biphenyl (PCBs) and Diethylhexl Phthalate (DEHP) dielectric fluids;
- Universal/electronic/radioactive wastes consisting of fluorescent light tubes, and mercury ampoules in wall-mounted thermostats, electronic waste {e.g., cathode ray tube (CRT) devices (including televisions and computer monitors, etc.)}, and radioactive materials (smoke alarms/detectors and exit signage); and
- Ozone Depleting Substances (ODS) {Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbons (HCFC)} such as fire extinguishers and refrigerants related to window-mounted and roof-top heating/cooling units.

Citadel reviewed the following prior survey reports prepared by other consultants (Prior Reports). The sampling and findings of Prior Reports were used and included in Citadel's Survey Report were applicable and verifiable.

- Hazardous Materials Survey Report (2nd Floor), dated September 23, 2005, prepared by Winzler & Kelly Consulting Engineers (W&K)
- Hazardous Materials Survey Report (1st & 3rd Floors), dated October 26, 2005, prepared by W&K
- Hazardous Materials Work Requirements (2nd Floor), dated September 23, 2005, Prepared by W&K
- Hazardous Materials Work Requirements (1st & 3rd Floors), dated October 26, 2005, Prepared by W&K
- Limited Asbestos & Lead-Based Paint Assessment Report, dated October 14, 2014, prepared by Andersen Environmental (Anderson)
- Limited Asbestos Assessment Addendum Letter, dated June 22, 2015, prepared by Andersen

- Limited Asbestos Assessment Addendum Letter (Roof), dated October 2, 2015, prepared by Andersen

- Asbestos Close-Out Report, dated April 16, 2018, prepared by Global Environmental Training & Consulting, Inc.

Staff and Laboratory Information

Parameter	Description
The Survey was performed on:	February 4th through April 17th, 2019
The field work was performed by:	Mr. Jim Bernardino, CSST 15-5502, LRCST 26529 Mr. Juan Magallon, CSST 15-5358, LRCST 26502
The Survey was performed under the general supervision of:	Mr. Jack Samuels, CAC 92-0475, LRCIA 5380
Bulk asbestos samples were submitted to:	LA Testing, South Pasadena, CA NVLAP 200232-0

- *CAC-California Department of Occupational Safety and Health (DOSH) Certified Asbestos Consultant*
- *CSST-DOSH Certified Site Surveillance Technician*
- *LRCIA-California Department of Public Health (CDPH) Lead Related Construction (LRC) Inspector/Assessor*
- *LRCST-CDPH LRC Sampling Technician*
- *NVLAP-National Voluntary Laboratory Accreditation Program*

Project team certifications can be found in Appendix **A**.

2.0 SURVEY METHODOLOGIES

FIELD METHODOLOGIES – ASBESTOS

Citadel began the field survey by visually inspecting the Project Area to categorize suspect ACMs/ACCMs expected to be impacted by the projects. Suspect ACMs/ACCMs were categorized by homogeneous areas (HAs). HAs consist of groupings of materials that have uniform appearances, textures, and installation dates. Following the walk through, representative bulk samples of suspect ACMs/ACCMs were then collected. As the samples were collected, the locations of the HAs and samples were marked on field sketches. Locations of visible debris, if observed, were also noted if observed.

ACMs/ACCMs Condition Assessment

Materials were assessed to be in good, *damaged*, or *significantly damaged* condition based on how their condition at the time of the survey based on the following categories:

- ***Good Condition*** **-** No or very limited visible damage or deterioration was observed.
- ***Damaged Condition*** **-** Crumbling, blistering, water damage, gouges, or other damage was observed over less than 25% of the materials (one-tenth if evenly distributed); or accumulation of suspect powder, dust or debris below the material was observed.
- ***Significantly Damaged Condition*** **-** Crumbling, blistering, water damage, gouges, or other damage was observed over greater than 25% of the material (one-tenth if evenly

distributed); material is delaminating or showing adhesive failure; or accumulation of suspect powder, dust or debris below the material was observed.

FIELD METHODOLOGIES– LEAD CONTAINING MATERIALS (LCM)

A limited lead inspection/screening was conducted to test predominant surface paints/coatings on surface area components that may be impacted by future renovation/demolition activities. Paint coatings that were tested were present on typical building components, such as ceramic wall and floor tiles, drywall, metal doors/frames, etc. Citadel utilized X-Ray Florescence Spectrum Analysis (XRF-SA) to test suspect paints and coatings. Assays (tests) were taken from interior and exterior painted/coated surfaces to identify the potential presence of lead-based paints (LBPs) and lead-containing paints (LCPs).

The XRF irradiates the paint on a given surface, causing the lead in the paint, if present, to emit a characteristic frequency of x-ray radiation. The intensity of this radiation is measured by the detector and related to the amount of lead in the paint. The type of XRF used in this survey was a Niton XLP-303A X-Ray Fluorescence Spectrum Analyzer. The XRF analyzer provides an in-the-field determination of suspect LBP without the need to collect substantial numbers of paint chip samples for subsequent laboratory analysis.

In order to obtain a reading, the XRF was placed with the face of the instrument flush against the surface to be tested. It was then held in place for the duration of the sample, which was determined by the instrument. At the conclusion of the sample time, the lead concentration was displayed on the device's readout screen. The values, expressed in milligrams per square centimeter (mg/cm^2), are stored in the device and can be recalled by the inspector upon downloading into computer software. The Niton is sensitive to 0.01 milligrams per square centimeter (mg/cm^2) of lead.

The instrument, equipped with a sealed radioactive source, was operated by certified personnel in accordance with manufacturer requirements and applicable regulations. The operator calibrated the XRF-SA pursuant to the manufacturer's specifications and regularly verified XRF-SA readings against pre-determined lead samples produced by the National Institute of Standards and Testing (NIST). These quality control measures produced a 95% confidence level that the XRF-SA readings accurately reflected the actual level of lead in the tested surfaces.

FIELD METHODOLOGIES – POLYCHLORINATED BIPHENYLS (PCBS)/DI(2-ETHYLHEXL) PHTHALATE (DEHP)

The inspection for polychlorinated biphenyls (PCBs) and di(2-ethylhexl) phthalate (DEHP) consisted of a visual inspection of the type(s) of equipment found in the subject building that commonly use dielectric fluids.

Citadel conducted a visual screening for suspect PCB caulking on the building exterior.

This portion of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

FIELD METHOLOGIES – UNIVERSAL/ELECTRONIC/RADIOACTIVE WASTES

The inspection for Universal/Electronic/Radioactive Wastes consisted of visual inspection of the subject building to determine if Universal/Electronic/Radioactive Wastes were present. This portion

of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

FIELD METHODOLOGIES – OZONE DEPLETING SUBSTANCES (ODS)

Under Title VI of the Clean Air Act (CAA), US Environmental Protection Agency (USEPA's) Stratospheric Protection Division is responsible for several programs that protect the stratospheric ozone layer. Several types of refrigerants and propellants have been defined as Ozone Depleting Substances (ODS) by the EPA. These include, but are not limited to, Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbons (HCFC), as well as Halon, Sulfur Dioxide (SO2), and Ammonia (NH3).

Citadel visually inspected the building(s) for the following suspect ODS-containing equipment and appliances: refrigerators, freezers, dehumidifiers, window-mounted air-cooling units, and forced-air furnaces with cooling units, as well as propellants in fire suppression equipment. This portion of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

3.0 RESULTS

ASBESTOS

Asbestos Definitions

Asbestos-Containing Materials (ACM): The EPA's Asbestos NESHAPs and the South Coast Air Quality Management District (SCAQMD) Rule 1403, the local air pollution control district, define an asbestos-containing material as any material that contains a concentration of asbestos of greater than one percent (>1.0%) by area as determined by PLM (40 CFR Part 61, Subpart M). NESHAPs and SCAQMD Rule 1403 further segregate asbestos-containing materials into *Regulated Asbestos-Containing Materials (RACM), Category I Non-Friable Materials,* and *Category II Non-Friable Materials*, which are defined as follows:

- **Regulated Asbestos-Containing Materials (RACM)/Asbestos-Containing Materials (ACM):** Includes all friable asbestos materials, Category I/Class I Nonfriable ACM that have become friable or will become friable, and Category II/Class II Nonfriable ACM that have a high probability of being crumbled, pulverized, or reduced to powder by the forces expected to act on the materials in the course of renovation or demolition.
- ***Category I Nonfriable ACM/Class I Nonfriable ACM:*** Includes asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products that when dry can be crumbled, pulverized, or reduced to powder by hand pressure in the course of renovation and demolition activities.
- ***Category II Nonfriable ACM/Class II Nonfriable ACM:*** Includes all non-friable materials, excluding *Category I/Class I Nonfriable ACM* that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Asbestos-Containing Construction Materials (ACCM): The California Department of Occupational Safety and Health (Cal/OSHA) further defines an asbestos-containing construction material (ACCM) as a material that contains greater than one-tenth of one percent (>0.1%) asbestos.

Presumed Asbestos-Containing Material (PACM) means thermal system insulation and surfacing material found in buildings, vessels, and vessel sections constructed no later than 1980 that are assumed to contain greater than one percent asbestos but have not been sampled or analyzed

to verify or negate the presence of asbestos. PACM may also be used in this report to identify additional suspect ACM that was not sampled but should be assumed to be ACM.

Asbestos Results

During the survey, a total of 177 asbestos bulk samples were collected and submitted for analysis. The laboratory layered the samples for a total of 208 layers analyzed. The samples were analyzed by LA Testing, a NVLAP-accredited laboratory (NVLAP #200232-0), located in South Pasadena, California, for analysis by polarized light microscopy (PLM) for asbestos content using EPA 600/R-93/116 Method. The EPA method is a semi-quantitative procedure with a detection limit of one-tenth to one percent (0.10 – 1.0%) by area, dependent upon the material being analyzed.

Table A.1 below summarize the materials identified and sampled by Citadel or identified in the W&K Report to be **Asbestos Containing Materials (ACM)** (>1.0% asbestos) in the Project Area, along with the locations of each material:

TABLE A.1

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	SAMPLE NO.	ASBESTOS CONTENT
12x12 Vinyl Floor Tile, Light Tan, w/Brown Speckles	12VFT3	1st Floor: Rooms 1019, 1028, 1030, 1033, 1033A, 1034, 1094, 1096, 1097, 1098, 1099, 1100, 1142, 1146, 1148, 1149, 1150, 1151, 1152, 1154, 1155, 1156, 1157, 1158, 1159, 1161, 1163, 1164, 1165, 1167, 1169, 1171	6,428 SF	014, 016, 018	3%-5% Chrysotile
Floor Tile Mastic, Black, A/W 12VFT3	FTM3	1st Floor: Rooms 1019, 1028, 1030, 1033, 1033A, 1034, 1094, 1096, 1097, 1098, 1099, 1100, 1142, 1146, 1148, 1149, 1150, 1151, 1152, 1154, 1155, 1156, 1157, 1158, 1159, 1163, 1164, 1165, 1167, 1169, 1171	6,428 SF	015, 017, 019	10% Chrysotile

[1] All quantities (SF/LF/EA) provided by Citadel are estimates. Contractors are responsible for field verifying actual quantities of materials.

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	SAMPLE NO.	ASBESTOS CONTENT
12x12 Vinyl Floor Tile, Tan/Brown, Speckled	12VFT1	1st Floor: Rooms 1002, 1006, 1007, 1051, 1052, 1059, 1060E-F, 1062/1064, 1063, 1065, 1066, 1067, 1071, 1077, 1082, 1086B, 1102, 1103, 1107, 1108, 1109, 1112, 1113, 1116, 1129, 1131, 1132, 1133, 1134, 1138, 1157, 1172, 1205, 1210A, Corridors; 2nd Floor: 2095, 2097, 2099, 2145, 2191, 2198, Corridors; 3rd Floor: 3001, 3002, 3006, 3010, 3011, 3012, 3014, 3021, 3022, 3026, 3041, 3048, 3060, 3062, 3073, 3076, 3077, 3080, 3082, 3088A-D, 3095E, 3097, Corridors	38,775 SF	064	5% Chrysotile

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	SAMPLE NO.	ASBESTOS CONTENT
Floor Tile Mastic, Black, A/W 12VFT1	FTM1	1st Floor: Rooms 1002, 1006, 1007, 1051, 1052, 1059, 1060E-F, 1062/1064, 1063, 1065, 1066, 1067, 1071, 1077, 1082, 1086B, 1102, 1103, 1107, 1108, 1109, 1112, 1113, 1116, 1129, 1131, 1132, 1133, 1134, 1138, 1157, 1172, 1205, 1210A, Corridors; 2nd Floor: 2095, 2097, 2099, 2145, 2191, 2198, Corridors; 3rd Floor: 3001, 3002, 3006, 3010, 3011, 3012, 3014, 3021, 3022, 3026, 3041, 3048, 3060, 3062, 3073, 3076, 3077, 3080, 3082, 3088A-D, 3095E, 3097, Corridors	38,775 SF	065 (See Note A.3)	10% Chrysotile
Floor Tile Mastic, Black, A/W 12VFT16	FTM16	1st Floor: Rooms 1204, 1210, Elevator A; 3rd Floor: 3007B, 3013B	1,640 SF	071, 073, 075	5% Chrysotile
12x12 Vinyl Floor, Dark Green, w/White Specks	12VFT21	Rooms 1176, 1181, 1182, 1184, 1186A, 1188, 1189, 1190, 1191, 1193, 1197	1,615 SF	080, 084, 88	T1: NAD T2: 5% Chrysotile
Floor Tile Mastic, Orange, A/W 12VFT21	FTM21	Rooms 1176, 1181, 1182, 1184, 1186A, 1188, 1189, 1190, 1191, 1193, 1197	1,615 SF	081, 085, 089	M1: NAD M2: 5%-8% Chrysotile L: NAD
12x12 Vinyl Floor Tile, Light Green, w/Dark Green Specks (Multiple Layers of Floor Tile in Select Locations)	12VFT20	Rooms 1036, 1177, 1177A, 1178, 1181 (Under 12VFT21), 1183, 1185, 1186, 1191 (Under 12VFT21), 1192, 1194, 1195, 1196, 1197 (Under12VFT21), 1200, SE Elevator Lobby Areas, SE Corridors	5,400 SF	082, 086, 090, 176	T: 3% Chrysotile L: NAD

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	SAMPLE NO.	ASBESTOS CONTENT
Floor Tile Mastic, Orange, A/W 12VFT20	FTM20	Rooms 1036, 1177, 1177A, 1178, 1181 (Under 12VFT21), 1183, 1185, 1186, 1191 (Under 12VFT21), 1192, 1194, 1195, 1196, 1197 (Under12VFT21), 1200, SE Elevator Lobby Areas, SE Corridors	5,400 SF	083, 087, 091, 177	M1: 8% Chrysotile M2: 5%-110 Chrysotile
Floor Tile Mastic, Black, A/W 12VFT22	FTM22	1st Floor: Rooms 1054, 1085, 1085A	400 SF	093, 095, 097	M1: 5%-8% Chrysotile M2: 5% Chrysotile
Floor Tile Mastic, Black, A/W 12VFT26 (12VFT22 on COC)	FTM26	Rooms 3047, 3057, 3057A, 3057B, 3069, 3084, 3084E, 3088, 3095C	4,820 SF	131, 133, 135	5%-10% Chrysotile
Residual Mastic, Black	MISC2	Hallway Outside Room 1009 (Under 12VFT7), Room 1137 (Under 12VFT7), 1038A, 1040, 1170, 1086, 1073	1,466 SF	098, 099	T: NAD M: 7% Chrysotile
12x12 Vinyl Floor Tile, Light Tan, w/White Specks	12VFT33	2nd Floor: Rooms 2103, 2196, 2196A, 2196B, 2196C, 2198A, 2198B, Waiting Area Adjacent to 2198A & 2198B, 2197, 2197A, 2197B, 2197C, 2199, 2199A, 2199B	5,000 SF	122, 124, 126	3%-5% Chrysotile
Floor Tile Mastic, Black, A/W 12VFT33	FTM33	2nd Floor: Rooms 2103, 2196, 2196A, 2196B, 2196C, 2198A, 2198B, Waiting Area Adjacent to 2198A & 2198B, 2197, 2197A, 2197B, 2197C, 2199, 2199A, 2199B	5,000 SF	123, 125, 127	10% Chrysotile
Transite, Beige/Gray, A/W Fume Hood	MISC3	3rd Floor Rooms 3025, 3041, 3055, 3069, 3095, 3096	120 SF	148	20% Chrysotile
Pipe Sealant at Terminated TSI Lines	MISC12	Throughout Roof Penthouses	1,500 SF	164, 165, 166, 167, 168	S: 8% Chrysotile I: NAD

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	SAMPLE NO.	ASBESTOS CONTENT
PRIOR REPORTS					
Vibration Red Insulation Below Caulk (See Note A.1)	N/A	Floor Shaft Penthouse 9	Not Quantified	14A	30% Chrysotile
Sink Undercoat Mastic (See Note A.2 & A.3)	N/A	1st Floor: Rooms 1082; 2nd Floor: Rooms 2159, 2168A, 2168E, 2175, 2177; 3rd Floor: Rooms 3003A, 3004A, 3019, 3020A, 3020C, 3020D, 3020E, 3021, 3031, 2133	54 SF	H-9	3% Chrysotile
Mastic A/W Blue Vinyl Floor Tile (See Note A.2)	12VFT25	3rd Floor: Rooms 3054A 3096A, 3096B	385 SF	H-43	4% Chrysotile
12x12 Vinyl Floor Tile, Blue/White, Speckled (See Note A.2)	12VFT23	3rd Floor: Rooms 3033, 3055, 3092, 3092A, 3092C-E, 3096, 3096C	6,775 SF	H-46	T: ND M:4% Chrysotile
Mastic A/W 12x12 Vinyl Floor Tile, Brown Mottled Pattern (See Note A.2)	12VFT4	1st Floor: Room 1161; 3rd Floor: Rooms 3027, 3027A, 3029, 3031, 3069A-E, 3071, 3017A-E, 3074, 3079, 3079A-B, 3084A-E, 3095, 3107, 3164A	7,550 SF	H-50	T: ND M: 3% Chrysotile
12x12 Vinyl Floor Tile/Mastic, Gray w/White Specks (See Note A.2)	N/A	3rd Floor: Rooms 3043, 3064A, 3062	700 SF	H-65	T: <1% Chrysotile M: 5% Chrysotile

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	SAMPLE NO.	ASBESTOS CONTENT
Mastic A/W 12x12 Vinyl Floor Tile, Light Mauve (See Note A.2)	12VFT15	1st Floor: Rooms 1027, 1029, 1206, NE Corridors; 2nd Floor: Rooms 2030, 2031, 2032, 2032B, 2033, 2034, 2036, 2037, 2037A, 2038, 2039, 2040, 2042, 2044, 2046, 2047, 2049, 2063, 2063A, 2067, 2068, 2070, 2071, 2072, 2073, 2075, 2076, 2077, 2077A, 2078, 2079, North/Middle Corridors, 2110, 2112, 2113, 2115, 2116, 2117, 2119, 2120, 2121, 2122, 2122B, 2123, 2125, 2157, 2158, 2160, 2161, 2162, 2164, 2165, 2166, 2167, 2168, 2171, SW Corridors, 2174, 2176, 2178, 2179, 2180, 2181, SE Corridors; 3rd Floor: Rooms 3040, 3040A, 3042, 3042A, 3061, 3061A, 3064, SW Corridor	23,305 SF	H-69, H-70	4% Chrysotile
12x12 Vinyl Floor Tile/Mastic, White w/Green & Yellow (Two Layers) (See Note A.2	12CFT9	1st Floor: Rooms R102, 1010, 1011, 1012, 1013, 1014, 1015, 1040, 1086, 1095, 1139	3,450 SF	H-82	2nd Layer T: 2% Chrysotile M: 4% Chrysotile
Mastic A/W 12x12 Vinyl Floor Tile, Light Brown w/Red Trim (See Note A.2)	12VFT18	1st Floor: Room 1032B	320 SF	H-85	T: ND M: 2% Chrysotile
12x12 Vinyl Floor Tile/Mastic, Brown w/Yellow Streaks (See Note A.2)	12VFT28	2nd Floor: Rooms 2173D, 2173A, 2187, 2188, 2188A, 2189	645 SF	H-6	T: <1% Chrysotile M: 5% Chrsyotile

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	SAMPLE NO.	ASBESTOS CONTENT
12x12 Vinyl Floor Tile/Mastic, Gray (See Note A.2)	12VFT30	2nd Floor Rooms: 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2011, 2013, 2014A, 2015, 2016, 2017, 2018, 2020, 2022, NW Corridors, 2087A, 2105, 2107, 2128, 2129, 2130, 2132, 2134, 2135, 2136, 2138, 2141, 2142, 2144, 2146, 2147, 2148, 2149, 2151, 2154, 2154B, SW Corridors	9,163 SF	H-25	T: 2% Chrysotile M: 3% Chrysotile
Pipe Sealant at Terminated Thermal System Lines (See Note A.2)	N/A	All Floors: Throughout Plenum (See Note A.4)	Not Quantified (See Note A.4)	H-27	2% Chrysotile

M=Mastic
L=Leveling Compound
T=Tile
S=Sealant
I=Insulation

Note A.1: Materials were sampled and reported to be ACMs in the Prior Report "Limited Asbestos Assessment Addendum Letter," prepared by Andersen, dated June 22, 2015.

Note A.2: Materials were sampled and reported to be ACMs in the Previous Report "Hazardous Material Survey Report (1st & 3rd Floor)," prepared by W&K, dated October 26, 2005.

Note A.3: Materials were sampled and reported to be ACMs in the Previous Report "Hazardous Material Survey Report (2nd Floor)," prepared by W&K, dated September 23, 2005.

Note A.4: This material was reported by W&K to be present throughout the ceiling plenums. This material was not observed by Citadel but may be present as there is limited access above the ceiling because of hard lid ceilings and the presence of ductwork and other items in the plenum.

Table A.2 below summarize the materials identified and sampled to be **Asbestos Containing Construction Materials (ACCM)** (> 0.1%, but ≤1.0% asbestos) in the survey area, along with the locations of each material:

TABLE A.2

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[2]	SAMPLE #	ASBESTOS CONTENT
Stucco (See Note A.2.1)	N/A	Exterior Walls, Elevator Lobby, & Stairways	2,000 SF	N/A	0.2% Chrysotile

Note A.2.1: Materials were sampled and reported to be ACCMs in the Previous Report "Limited Asbestos and Lead-Based Paint Assessment Report," prepared by Andersen Environmental (Andersen), dated October 14, 2014.

Table A.3 below summarize the materials that were inaccessible and possibly present or were not sampled and are categorized as **Presumed Asbestos Containing Construction Materials (PACM)**:

TABLE A.3

MATERIAL TYPE	LOCATION(S)	APPROX. QUANTITY	RECOMMENDED MANAGEMENT ACTION
Vibration Reducers	N/A	30 EA	Remove if Impacted

Table A.4 below summarizes the materials that were sampled by Citadel and reported by the laboratory to not contain detectable quantities of asbestos **None Detected or ND** or were sampled by W&K and reported to be **None Detected or ND**.

TABLE A.4

MATERIAL TYPE	HA NO.
CITADEL BULK SAMPLING	
Sand Plaster Wall, Beige, Textured	MISC1
12x12 Vinyl Floor Tile, Gray, w/White Streaks	12VFT2
Floor Tile Mastic, Orange, A/W 12VFT2	FTM2
12x12 Vinyl Floor Tile, Light Blue, w/White Specks	12VFT6
Floor Tile Mastic, Gray, A/W 12VFT6	FTM6
12x12 Vinyl Floor Tile, Peach, w/Blue Specks (See Note 3)	12VFT8
Floor Tile Mastic, Gray, A/W 12VFT8 (See Note 3)	FTM8
12x12 Vinyl Floor Tiles, Light Blue/Gray, w/White Streaks	12VFT10
Floor Tile Mastic, Orange, A/W 12VFT10	FTM10
12x12 Vinyl Floor Tile, Peach	12VFT11
Floor Tile Mastic, Orange, A/W 12VFT11	FTM11
12x12 Vinyl Floor Tile, Pink, w/Beige Specks	12VFT12
Floor Tile Mastic, Orange, A/W 12VF1T2	FTM12

[2] All quantities (SF/LF/EA) provided by Citadel are estimates. Contractors are responsible for field verifying actual quantities of materials.

MATERIAL TYPE	HA NO.
12x12 Vinyl Floor Tile, Olive, w/Streaks	12VFT13
Floor Tile Mastic, Orange, A/W 12VFT13	FTM13
12x12 Vinyl Floor Tile, White, w/Blue Specks	12VFT14
Floor Tile Mastic, Orange, A/W 12VFT14	FTM14
12x12 Vinyl Floor Tile, Blue, w/White Specks (See Note 2)	12VFT16
Floor Tile Mastic, Orange, A/W 12VFT16 (See Note 1)	FTM16.5
Vinyl Sheet Flooring, Tan, w/Pebble Pattern (Under 12VFT16)	VSF1
Vinyl Sheet Flooring Mastic, Light Gray, A/W VSF1 (Under 12VFT16)	VSFM1
12x12 Vinyl Floor Tile, Light Pink, W/Streaks (See Note 2)	12VFT22
12x12 Vinyl Floor Tile, Light Gray, w/Gray Specks (12VFT22 on COC)	12VFT26
Drywall, White	WSR1
Joint Compound, White, A/W WSR1	WJC1
Vinyl Sheet Flooring, Pale Blue	VSF2
Vinyl Sheet Flooring Mastic, Gray	VSFM2
12x12 Vinyl Floor Tile, Blue, w/White & Blue Specks	12VFT32
Floor Tile Mastic, Orange, A/W 12VFT32	FTM32
12x12 Vinyl Floor Tile, Brown, Mottled Pattern	12VFT4
Floor Tile Mastic, Black, A/W 12VFT4	FTM4
Vinyl Sheet Flooring, Black/Gray, Stone Pattern	VSF3
Vinyl Sheet Flooring Mastic, Orange, A/W VSF3	VSFM3
Drywall, White	WSR2
Drywall Joint Compound, White, A/W WJC2	WJC2
Pitch Pocket Mastic, Black	PPM1
Flashing Mastic, Black	MISC10
Flashing Mastic, Faded Black	MISC11
Pipe Sealant at Terminated TSI Lines	MISC13
12x12 Vinyl Floor Tile, Blue/Gray, w/Specks	12VFT34
Floor Tile Mastic, Black, A/W 12VFT34	FTM34
SAMPLED BY W&K AND OBSERVED BY CITADEL	
HVAC Duct Sealant	N/A
Basecove/Mastic-Grey	N/A
2'x4' Acoustic Ceiling Tile, Pinhole Pattern	N/A
Plaster Wall – Smooth	N/A
2'x4' Acoustic Ceiling Tile – Fissured Pattern	N/A
Basecove Mastic – Blue	N/A
2'x4' Acoustic Ceiling Tile – 12" Pinhole/Fissured Pattern	N/A
Wallboard/Joint Compound Ceiling	N/A
Carpet Glue – Brown	N/A
Fire Door Insulation	N/A
Spray-In Plaster – Rough	N/A
2'x4' Acoustic Ceiling Tile – Smooth	N/A

MATERIAL TYPE	HA NO.
6" Basecove/Mastic – Brown	N/A
Lab Counter Top	N/A
4" Basecove/Mastic – Black	N/A
2'x2' Acoustic Ceiling Tile – Bird-track Pattern	N/A
Carpet Glue	N/A
4" Basecove/Mastic – Brown	N/A
Plaster/Mud "Patch"	N/A
HVAC Wrap with Mastic	N/A
4" Basecove/Mastic – Light Brown	N/A
4" Basecove/Mastic – Pink	N/A
4" Basecove/Mastic – Dark Blue	N/A
6" Basecove/Mastic - Burgundy	N/A
SAMPLED BY ANDERSON AND OBSERVED BY CITADEL	
Plaster Overspray in Basement	N/A
Gray Foam Insulation on 10" Chiller Line Run	N/A
White Pipe Wrap on 10" Chiller Line Run	N/A
Yellow Fiberglas Insulation on 10" Chiller Line Run	N/A
Elbow Cap on 10" Chiller Line Run	N/A
White Pipe Wrap on 6" Hot Water Run	N/A
White Mag Insulation Under Hangers on 6" Hot Water Run	N/A
Mudded End Wrap on 2' Rise off 10" Chiller Run	N/A
Mudded End Insulation on 2' Rise off 10" Chiller Run	N/A
Mudded End Insulation on 10" Steam Run Adjacent to Emerg. Generator	N/A
White Pipe Wrap on 2" Steam Line Run Adjacent to Emerg. Generator	N/A
Yellow Fiberglass Insulation on 2" Steam Line Run Adjacent to Emerg. Generator	N/A
White Pipe Wrap on 10" Steam Run Adjacent to Emerg. Generator	N/A
White Mage Insulation Under Hangers on 10" Steam Run Adjacent to Emerg. Generator	N/A
White Pipe Wrap & Tape on 10" Steam Line Run	N/A
White Mag Insulation on Steam Line Run	N/A
Mudded End Insulation on Chiller Line Rise	N/A

Note 1: The laboratory reported the underlying mastic to be *None Detected* for asbestos; however, top floor tile/mastic layers reported to be ACM. Therefore, the underlying mastic is considered to be cross-contaminated with ACMs and must be treated as such.

Note 2: The laboratory reported the floor tile to be *None Detected* for asbestos; however, underlying mastic layers reported to be ACM. Therefore, the top floor tile layer is considered to be cross-contaminated with ACMs and must be treated as such.

Note 3: This material is cross-contaminated with underlying ACMs; therefore, should be treated as an ACM.

The drawings with bulk sample locations can be found in Appendix **B**. A detailed summary of bulk samples collected may be found in Appendix **C**, Table 1.0 – *Bulk Sample Results.* Detailed information pertaining to the location of homogeneous asbestos-containing materials is presented in Appendix **D**, Table 2.0 – *Summary by Material*. LA Testing's bulk sample laboratory results may be found in Appendix **E**.

LEAD-CONTAINING MATERIALS

Lead Definitions

- **Lead Containing Paint (LCP)** - A lead-containing paint is a paint or coating that contains any detectable concentration of lead.
- **Lead Based Paint (LBP) -** The California Department of Public Health (CDPH) and the US Department of Housing and Urban Development (HUD) define Lead-Based Paint (LBP) as paint containing lead greater than or equal to 1.0 milligram per square centimeter (≥1.0 mg/cm2) or greater than or equal to 0.5% by weight also expressed as 5,000 parts per million (≥5,000 ppm). Furthermore, the Los Angeles County Department of Health and Human Services, Health & Safety Code, Chapter 11 defines lead-bearing substances as any paint, varnish, lacquer or similar coating containing lead >0.7 mg/cm2. For the purposes of this report, XRF-SA readings ≥ 0.7 mg/cm2 are considered LBP.
- **Lead Containing Material (LCM)** - A lead-containing material may consist of identified lead-containing paint (LCP), lead-based paint (LBP), or other materials such as lead sheeting, ceramic tile glazing, etc., or presumed LCMS.
- **Presumed Lead-Based Paint (PLBP)** - Title 17, California Code of Regulations, Division 1, Chapter 8 defines as paint or surface coating affixed to a component in or on a structure constructed prior to January 1, 1978 as a presumed lead-based paint unless it has been tested and found to contain an amount of lead less than one milligram per square centimeter 1.0 mg/cm^2 (<1.0 mg/cm^2) or less than 0.5% (< 0.5%) by weight.

Table 2.1 below summarizes the materials identified and tested by Citadel or identified in Prior Reports to be **Lead-Based Paints (LBP)** (detectable quantities of lead in concentrations of ≥5,000 ppm or ≥0.7 mg/cm^2) in the Project Area:

TABLE 2.1

COMPONENT	SUBSTRATE	COLOR	LOCATION(S)
Cabinets	Laminate	Orange	Rooms 2163 & 2175
Door	Laminate	Orange, Red	Rooms 3108A & 3009
Door	Metal	Red	Room 1038
Door	Wood	Orange	NW Corridor Double Doors
Sink	Porcelain	White, Gray	Rooms T109, 2150A, 3002A
Toilet	Porcelain	White	Throughout Restrooms
PRIOR REPORTS			
I-Beam (See Note 2.1.1)	Metal	Gray	Interior of all Penthouse Rooftop Structures
Framing Post (See Note 2.1.1)	Iron	Orange	Interior of all Penthouse Rooftop Structures
Frame Braces (See Note 2.1.1)	Iron	Orange	Interior of all Penthouse Rooftop Structures

COMPONENT	SUBSTRATE	COLOR	LOCATION(S)
I-Beam Framing (See Note 2.1.1)	Iron	Orange	Interior of all Penthouse Rooftop Structures
Sink (See Note 2.1.2)	Ceramic	N/A	Throughout All Restrooms
Urinals (See Note 2.1.2)	Ceramic	N/A	Throughout All Men's Restrooms
Floor Basins (See Note 2.1.2 & 2.1.3)	Ceramic	N/A	Rooms 1090, 1111, 1144, 1199, 1201, 3016, 3044, 3095, 3100, 3123, 2070
Tubs (See Note 2.1.2 & 2.1.3)	Ceramic	N/A	Rooms 1178, 2043, 2064, 2114, 2137, 2184, Ward D
Counters/Cabinets (See Note 2.1.2 & 2.1.3)	Laminated	N/A	Rooms 1082, 2032, 2032A, 2032B, 2033, 2034, 2035, 2036, 2038, 2039, 2040, 2042, 2044, 2046, 2159, 2163, 2167, 2168, 2168A, 2168E, 2171, 2174, 2175, 2177, 2178, 2180, 2128A, 2147
Doors (See Note 2.1.2)	Laminated	N/A	Rooms 1038, 1040, 1044, 1046, 1048, 1168, 1170, 1173, Main Corridors, 3001, 3002, 3004, 3009, Main Corridors
Wall Cabinets (See Note 2.1.2)	Metal	N/A	Rooms 3004, 3024, 3057, 3069, 3077

Note 2.1.1: Components were sampled and reported to be LBPs in the Prior Report "Limited Asbestos and Lead-Based Paint Assessment Report," prepared by Andersen, dated October 14, 2014.

Note 2.1.2: Materials were sampled and reported to be LBPs in the Prior Report "Hazardous Material Survey Report (1st & 3rd Floor)," prepared by W&K, dated October 26, 2005.

Note 2.1.3: Materials were sampled and reported to be LBPs in the Prior Report "Hazardous Material Survey Report (2nd Floor)," prepared by W&K, dated September 23, 2005.

Specific locations shown on the table above are where the items were identified to be LBP, not the full limits of the materials.

A detailed summary of Citadel's XRF lead assay results may be found in Appendix F, Table 3.0 – *Lead XRF Results.*

Refer to Table 3.1 in Appendix G for materials identified and sampled by Citadel to be **Lead-Based Paints (LBP)** (detectable quantities of lead in concentrations of ≥5,000 ppm or ≥0.7 mg/cm^2) in the survey area.

Refer to Table 3.2 in Appendix H for materials identified and sampled by Citadel to be **Lead-Containing Paints (LCP)** (detectable quantities of lead in concentrations of (≥0.01 mg/cm^2 and <0.7 mg/cm^2 or <5,000 ppm) in the survey area.

POLYCHLORINATED BIPHENYLS (PCBS)/DI(2-ETHYLHEXL) PHTHALATE (DEHP) VISUAL INSPECTION

Fluorescent light ballasts with wet (liquid) capacitors utilize dielectric fluids that may contain PCBs or DEHP dielectric fluids.

PCBs are regulated under 40 CFR Part 761 as part of the Toxic Substances Control Act (TSCA). The PCB regulations and requirements apply to both PCB waste materials and PCBs still in use. States and the Federal Government regulate the use, storage, and disposal of equipment containing PCBs, depending upon the concentrations of PCBs present.

DEHP is regulated under the Resource Conservation and Recovery Act (RCRA), "Superfund", Superfund Amendments, Clean Water Act, Safe Drinking Water Act, OSHA, and by the Food and Drug Administration.

PCB and DEHP Definitions

Environmental Protection Agency: 40 CFR Part 761 Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions has established the following threshold limits for liquid and non-liquid materials containing PCBs:

- **PCB-Contaminated Electrical Equipment** is defined as a liquid material (homogenous flowable material containing no more than 0.5% by weight non-dissolved material) that contains concentrations of PCBs at ≥50 ppm and <500 ppm, or where insufficient liquid is available for analysis, a non-porous surface having a PCB concentration of >10 µg/100 cm^2 but <100 µg/100 cm^2 as measured by a standard wipe test. Electrical Equipment includes, but is not limited to, transformers, capacitors, circuit breakers, re-closers, voltage regulators, switches, electromagnets, and cable.
- **PCB-Contaminated** is defined as a non-liquid material (does not flow at room temperature of 25 °C or 77 °F) that contains concentrations of PCBs at ≥50 PPM but <500 PPM; a liquid material that contains concentrations of PCBs at ≥50 ppm but <500 ppm, or where insufficient liquid is available for analysis, a non-porous surface having a PCB concentration of >10 µg/100 cm^2 but <100 µg/100 cm^2 as measured by a standard wipe test.
- **PCB Capacitor** is defined as any capacitor that contains concentrations of PCBs at ≥500 ppm.
- **PCB Transformer** is defined as any transformer that contains concentrations of PCBs <500 ppm.
- **PCB Bulk Product Waste** is defined as waste derived from manufactured products containing PCBs in a non-liquid state, at any concentration where at the time of designation for disposal the concentration of PCBs was ≥50 ppm. Fluorescent light ballasts with labels that do not contain the words "No PCBs" or "Does Not Contain PCBs" are considered a PCB Bulk Product Waste.
- **Di(2-ethylhexl) phalate** is a colorless, odorless, toxic liquid used in dielectric fluids from 1979 to 1991.

State of California-Department of Toxic Substances Control (DTSC): The DTSC enforces Title 22 of the California Code of Regulation, Chapter 11, Article 3, δ 66261.20-24 which has established the following threshold limits for PCBs in solid waste material:

- Total Threshold Limit Concentration (TTLC) of ≥50 ppm.
- Soluble Threshold Limit Concentration (STLC) of ≥5 mg/L.

Table C.1 below summarize the **PCB** and **DEHP** containing equipment identified in the subject building, along with the locations and estimated quantities of each material:

TABLE C.1

MATERIAL TYPE	LOCATION	APPROXIMATE QUANTITY
Light Fixture Ballasts	Throughout	4,195
Transformers	Throughout	3

Citadel collected 12 samples of caulking and putty and submitted those samples to American Environmental Testing Laboratory, Inc. (AETL) in Burbank California for analysis of PCB content via EPA Method 8082. AETL is an Environmental Laboratory Accreditation Program (ELAP) certified laboratory (ELAP # 1541) for the analysis of PCBs via EPA Method 8082A.

The following Table C.2 presents the results of that sampling:

Table C.2 PCBs Caulk Sample Analytical Results

LOCATION	CITADEL SAMPLE ID NO./LAB ID	MATERIAL DESCRIPTION	SAMPLE RESULTS (PPM)
North Exterior Wall	041719-001/97391.01	Concrete Wall Panel Seam Caulking	ND
South Exterior Wall	041719-002/97391.02	Concrete Wall Panel Seam Caulking	ND
East Exterior Wall	041719-003/97391.03	Metal Window/Concrete Wall Seam Caulking	ND
South Exterior Wall	041719-004/97391.04	Metal Window/Concrete Wall Seam Caulking	ND

Sample results present total PCB content, adding the results of all Aroclors, if multiple Aroclors are present. The analytical laboratory presents results in ug/Kg, these results have been converted to Parts Per Million (ppm) as presented in this document.

The Environmental Protection Agency (EPA) regulates building materials containing PCBs at PCB concentrations of 50 ppm or greater. The EPA considers caulking or putty containing PCBs at this level to be a *Bulk Product Waste*.

The State of California also regulates liquid wastes with PCB concentrations at or above 5 ppm. Materials containing PCBs greater than or equal to 5 ppm and less than 50 ppm may be considered California Hazardous Wastes.

The PCB laboratory results can be found in Appendix **I**.

UNIVERSAL/ELECTRONIC/RADIOACTIVE WASTES

Universal Wastes

The *Universal Waste Rule* found in the California Code of Regulations (CCR), Title 22, division 4.5, Chapter 23, regulates the disposal of the following items such as:

- Mercury thermostats (ampoules);
- Batteries, including rechargeable nickel-cadmium batteries, silver button batteries, mercury batteries, small sealed lead acid batteries (burglar alarm and emergency light

batteries), most alkaline batteries, carbon zinc batteries, and any other batteries that exhibit a characteristic of a hazardous waste (§66261.20 through §66261.24);

- Lamps, including fluorescent tubes, high intensity discharge lamps, sodium vapor lamps, and any other lamps that exhibit a characteristic of a hazardous waste;
- Non-empty aerosol cans;
- Mercury switches, including thermostats and tip switches in portable heaters, washing machine out-of-balance switches, silent wall switches, and other mercury-containing switches and products containing them;
- Mercury thermometers;
- Mercury pressure or vacuum gauges, including U tube manometers, barometers, and sphygmomanometers (blood pressure meters.);
- Medical devices containing mercury including, dilators and weighted tubing;
- Mercury-containing rubber flooring, including older gymnasium floors that were poured in place to form indoor tracks and gymnastic areas;
- Mercury gas flow regulators managed exclusively by natural gas utilities;
- Counterweights and dampers, including devices that use pouches of high density mercury to dampen shaking on hunting bows and snow skis or to absorb recoil on shotguns;
- Consumer electronic devices, including cell phones, game consoles, and computers; and
- Mercury gauges, including vacuum and pressure gauges, including blood pressure gauges, barometers, and manometers.

Tables D.1 below summarize **universal/electronic/radioactive** wastes identified or assumed to be present at the subject building, along with the locations and estimated quantities of each material:

TABLE D.1

MATERIAL TYPE	LOCATION	APPROXIMATE QUANTITY
Fluorescent Light Tubes	Throughout	8,391
Emergency Lights/Batteries	Throughout	192
Smoke Detector	Throughout	3,900
Exit Signs	Throughout	119
Thermostats	Throughout	950
Light Bulbs	Throughout	41
Microwaves	Floors 1-3	11

Ozone Depleting Substances Definitions

A chlorofluorocarbon (CFC) is an organic compound that contains carbon, chlorine, and fluorine, produced as a volatile derivative of methane and ethane. A common subclass is the hydrochlorofluorocarbons (HCFCs), which contain hydrogen, as well. They are also commonly known by the DuPont trade name Freon. The most common representative is dichlorodifluoromethane (R-12 or Freon-12). Many CFCs have been widely used as refrigerants, propellants (in aerosol applications), and solvents. The compounds are suspected of contributing to ozone depletion.

Under Title VI of the Clean Air Act (CAA), US Environmental Protection Agency (USEPA's) Stratospheric Protection Division is responsible for several programs that protect the stratospheric

ozone layer. Several types of refrigerants and propellants have been defined as Ozone Depleting Substances (ODS) by the EPA. These include, but are not limited to, Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbons (HCFC), as well as Halon, Sulfur Dioxide (SO2), and Ammonia (NH3).

Tables E.1 below summarize the **Ozone Depleting Substances** identified or assumed to be present at the subject building, along with the locations and estimated quantities of each material:

TABLE E.1

MATERIAL TYPE	LOCATION	APPROXIMATE QUANTITY
Fire Alarms	Throughout	3,900
Fire Extinguishers	Throughout	116
Refrigerators	Floors 1-3	4 Standard 4 Walk-in 1 Walk-in Freezer

4.0 CONCLUSIONS AND RECOMMENDATIONS

ASBESTOS

The results of the survey indicate that ACMs/ACCMs/PACMs are present in the area(s) surveyed. Citadel's scope of work and testing of representative areas was limited to accessible building materials specifically anticipated to be impacted by the proposed work to be performed. Areas outside of the specific areas identified in this scope of work were not included as part of this investigation. Various materials were sampled are reported to be ACM/ACCM by other consultants. Refer to Appendix J for a full list of materials sampled in Prior Reports.

If similar materials are found elsewhere in the building, and were not specifically sampled, they should be assumed to be the same, and treated as such.

Please note that the majority of the building was occupied during the survey. Our ability to perform demolition inspection techniques was limited to inspecting under carpeting throughout the building and inspecting for second layers of flooring in some of the unoccupied areas. Additional inspection and sampling will be required during the specification development phase of the project to identify as many hidden conditions as possible.

All asbestos removal operations should be performed by a Cal/OSHA-DOSH-registered and California-licensed asbestos contractor. All disturbances of ACMs, ACCMs or suspect un-sampled ACMs and/or abatement operations should be performed under the surveillance of a third-party Cal/OSHA Certified Asbestos Consultant retained by the Client.

Further, all disturbances of ACMs, ACCMs or Un-Sampled Suspect Asbestos Containing Materials and/or abatement operations must be performed in accordance with the Cal/OSHA requirements set forth in 8 CCR 1529. Given the location of the subject facility, all asbestos abatement must also be performed in accordance with South Coast Air Quality Management District (SCAQMD) requirements set forth in Rule 1403. Tenants, vendors and contractors should be notified that the un-sampled suspect ACM has been identified in the areas surveyed.

Citadel recommends that all undamaged Un-Sampled Suspect Asbestos Containing Materials not to be disturbed as part of a planned renovation be managed in place in accordance with the EPA's guidance document Managing Asbestos In-Place (a.k.a., the Green Book). The Green Book can be obtained by calling the Toxic Substance Control Act Hotline at (202) 554-1404. Citadel also recommends that the materials be managed in place in accordance with the Client's

Operations and Maintenance (O&M program) addressing building cleaning, maintenance, renovation, and general operation procedures to minimize exposure to asbestos.

LEAD-CONTAINING MATERIALS

This survey revealed that building components and/or coatings with LCP and LBP are present at the Subject Building. Various components were sampled are reported to be LBP/LCM by other consultants. Refer to Appendix J for a full list of components sampled in Prior Reports.

If in one instance a material is tested to be an LBP, and other instances an LCP, all should be treated as an LBP.

Please refer to Tables 3.0, 3.1, and 3.2 located in Appendix F, G, and H of this report, as well as Prior Reports, for lists of these materials, along with test locations, concentrations of lead identified, and their conditions.

At present there are no explicit state or federal regulations requiring mandatory lead removal prior to disturbance or demolition of structures with identified lead materials. However, there are applicable Cal/OSHA worker protection and training requirements, Cal/EPA waste disposal requirements, CDPH requirements for public and residential buildings, and SB 460 lead hazard regulations that apply to lead-related construction activities and their associated wastes.

The following is a brief discussion and summary of applicable regulatory requirements:

- **Cal/OSHA:** 8 CCR 1532.1 governs occupational exposure to lead. This regulation requires that prior to initiation of certain activities, referred to as "trigger tasks", workers must be trained, medically evaluated, and properly fitted with respiratory protection, and protective clothing until statistically reliable personal eight-hour Time Weighted Average (TWA) results indicate lead exposure levels below the Personal Exposure Limit (PEL) for each unique task which disturbs lead-based and lead-containing coatings. This process is known as a Negative Exposure Assessment (NEA). If the result of the exposure assessment is above the Action Level (AL), additional monitoring is required, and if the result is above the PEL, additional exposure monitoring, worker protection (including respirator protection and PPE), training and medical requirements apply. At a minimum, contractors performing any lead in construction work shall have a hand washing station and HEPA vacuum present on the job site.
- "Trigger tasks" are tasks that are assumed to exceed the PEL pending an exposure assessment and encompass the majority of construction activities that disturb surface coatings. Examples of "trigger tasks" range from manual paint scraping as a lower expected exposure up to hot work and abrasive blasting as the highest expected exposures, and include any non-listed task that the employer determines may potentially expose employees to lead levels above the AL.
  NOTE: "OSHA does not consider any method that relies solely on the analysis of bulk materials or surface content of lead (or other toxic material) to be acceptable for safely predicting employee exposure to airborne contaminates. Without air monitoring results or without the benefit of historical or objective data (including air sampling, which clearly demonstrates that the employee cannot be exposed above the AL during any process, operation, or activity) the analysis of bulk or surface samples cannot be used to determine employee exposure." OSHA Standard Interpretation dated 5/8/2000.
  Furthermore, Cal/OSHA states that these rules apply to "any detectable concentration of lead", without a specified detection level. Due to the Consumer Product Safety Commission currently allowing paint to contain up to 600 parts per million (ppm) of lead

for residential consumption and no limits for industrial or commercial coatings, the variation of lead content due to aging and weathering, and the variation of detection limits associated with both paint chip and XRF analysis, all coated surfaces should be treated as potentially containing lead, unless bulk sample analysis indicates that no lead was detected. Positive analytical results can be utilized to indicate that detectable lead is present, but negative XRF results cannot be interpreted as conclusively demonstrating the absence of lead.

Analytical data can be helpful in evaluation of lead-related environmental risks in general but cannot be used to calculate worker exposures and are not a substitute for employee exposure monitoring. As a result of the above, any employee that works around potential lead-based or lead-containing coatings should have hazard communication training (lead awareness) training and personal exposure air monitoring if they will potentially disturb such coatings. Significant additional certification, notification, and work practices are required for materials found to be "lead-based" or where the operation or process involved results in airborne lead exposures exceeding the PEL.

- Any welding, cutting, or heating of metal surfaces containing surface coatings should be conducted in accordance with 29 CFR 1926.354 and 8 CCR 1537. These regulations require surfaces covered with toxic preservatives, and in enclosed areas, be stripped of all toxic coatings for a distance of at least 4 inches, in all directions, from the area of heat application prior to the initiation of such heat application. There are some provisions for conducting hot work on coated surfaces, but only with required respiratory protection such as properly selected supplied air respirators.
- **Cal/EPA** through the Division of Toxic Substance Control (DTSC) regulates disposal of lead hazardous waste (22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes). It is the responsibility of the waste generator to evaluate all waste streams produced and ensure that any resulting wastes that may be hazardous under California and Federal RCRA standards for lead be properly handled, packaged and transported under proper manifest to a permitted hazardous waste storage, treatment and disposal facility.
- **CDPH**: The Department of Public Health (DPH) has specific requirements (Title 17 Sections 35001 thru 36100) for hazard assessment and work involving lead-based paint (LBP) hazards in public or residential structures. These regulations require special certifications, work practices, and notifications for such activities.
- **Senate Bill 460 (SB 460)**: An act to amend Section 1941.1 of the Civil Code, and to amend Sections 17961, 17980, and 124130 of, and to add Sections 17920.10, 105251, 105252, 105253, 105254, 105255, 105256, and 105257 to, the Health and Safety Code, relating to lead abatement. This bill allows for fines and criminal penalties to be levied on any person who is found to have performed lead abatement without containment or created a measurable lead hazard based upon current CDPH standards. The testing for this determination can be initiated by any local official. A determination of a lead hazard is not solely based upon the lead content of the paint or coating and can be the result of the disturbance of such materials with low concentrations of lead.

- **EPA Lead Renovation, Repair, and Paint Rule (40 CFR, Part 745):** Beginning in April 2010, contractors performing renovation, repair and painting projects that disturb lead-based paint in homes, child care facilities, and schools built before 1978 must be certified and must follow specific work practices to prevent lead contamination.

POLYCHLORINATED BIPHENYLS (PCBS)/DI (2-ETHYLHEXL PHTHALATE (DEHP)

Field observation by Citadel indicated that items potentially containing PCBs/DEHPs are present throughout the Subject Building. This portion of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

Typically, during demolition, the contractor will dismantle the fluorescent light fixtures by removing the tubes and then the ballasts and package them for recycling and disposal, regardless of the ballast labeling. The recommended disposal method for ballasts is recycle/incineration whereby the PCB and DEHP capacitors and asphalt potting material are removed and incinerated, and the metal carcasses are cleaned and sent to a metal recycler. This portion of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

Bulk sampling of suspect caulking indicated that caulking between the concrete panels and between the windows and concrete panels do not contain PCBs.

UNIVERSAL/ELECTRONIC/RADIOACTIVE WASTES

Citadel visually identified these types of wastes present throughout the Subject Building. In accordance with regulatory requirements, Universal/Electronic/Radioactive Wastes should be removed prior to demolition activities and set aside for re-use or disposal/recycling by a licensed recycler or specific licensee.

Citadel recommends either re-using the light tubes, lamps, or monitors, or utilizing a licensed recycler to process the Universal/Electronic Wastes removed from the subject building. Recycling facilities must be authorized by the California Environmental Protection Agency – Department of Toxic Substances Control (DTSC) or the state in which they are located.

Bill(s) of lading should accompany each load of waste that leaves the site, including the name and address of the Generator, Contractor, pick-up site, disposal site, and quantity of universal waste disposed. The recycler should provide a statement certifying recycling/disposal/destruction of the identified wastes, including the date(s) of recycling/disposal/destruction, and identifying the disposal/destruction process used. In the case of Tritium-containing exit devices, the general licensee must file a report with the NRC. This portion of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

OZONE DEPLETING SUBSTANCES

Citadel visually identified Ozone Depleting Substances present throughout the Subject Building. Packaged Components Chlorofluorocarbons (CFCs), Hydrochlorofluorocarbons (HCFC), as well as Halon, Sulfur Dioxide (SO_2), and/or Ammonia (NH_3) should be extracted from the fire extinguishers, freezers, HVAC units, and other ODS-containing equipment by a trained technician for recovery or recycling prior to demolition. This portion of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

5.0 SURVEY LIMITATIONS

The survey and bulk sampling were limited to representative locations of the building(s) that were anticipated to be impacted by the renovation projects. Limited intrusive and no destructive sampling was conducted as part of the scope of services performed. Additional suspect materials and/or debris may be present in concealed spaces including, but not limited to, above-ceiling areas, within wall cavities, and beneath floor coverings, but will only be accessible during the course of demolition activities. Care should be exercised when accessing these areas. Any suspect environmentally-regulated materials (ERMs) encountered during the course of demolition/renovation activities that were not previously sampled, including ERMs not specifically addressed herein, should be *presumed* to be ACMs/ACCMs until sampled and proven otherwise. The areas that were accessible should be representative of the types, quantities, and conditions of the materials present at the site. Quantities presented in this report are for informational purposes only and should not be the sole basis for an estimate for abatement. Contractors should verify and conduct their own takeoffs for their purposes.

Citadel relied on Prior Reports where the results were verifiable by visual confirmation.

Please note that the majority of the building was occupied during the survey. Our ability to perform demolition inspection techniques was limited to inspecting under carpeting throughout the building and inspecting for second layers of flooring in some of the unoccupied areas. Additional inspection and sampling will be required during the specification development phase of the project to identify as many hidden conditions as possible.

This report has been prepared by Citadel Environmental Services, Inc. exclusively for our Client and their Authorized Representatives. The information contained herein pertains only to accessible materials identified at the referenced property at the time of the survey performed in accordance with a mutually agreed upon scope of work. The findings and recommendations presented are based upon observations of present conditions and may not necessarily indicate future conditions. Citadel Environmental Services, Inc. implies no warranty to the accuracy of information provided them by outside agents and transmitted herein. The information contained herein may not be used, disclosed, or copied without written permission of the Client.

This survey report is not intended to be a stand-alone design document for the solicitation of bids. This survey report should only be used for developing the scope of work, bid/contract document, and as a reference document.

6.0 SIGNATURES

Services performed by:

[Refer to project documentation for signature]

Jim Berardino
DOSH Certified Site Surveillance Technician (CSST) (No. 15-5502)
CDPH Lead-Related Construction Sampling Technician (No. 26529)

Report Prepared by:

Jack Samuels

Digitally signed by Jack Samuels
DN: OU="Principal, Building Sciences", O=Citadel EHS, CN=Jack Samuels, E=JSamuels@citadelEHS.com
Reason: I have reviewed this document
Location:
Date: 2019-04-26 16:38:00
Foxit PhantomPDF Version: 9.3.0

Jack Samuels
DOSH Certified Asbestos Consultant (CAC) (No. 92-0475)
CDPH Lead-Related Construction Inspector/Assessor (No. 5380)
Associate Principal, Building Sciences

Report Reviewed by:

Kier DeLeo

Digitally signed by Kier DeLeo
DN: OU=Building Sciences, O=Citadel Environmental, CN=Kier DeLeo, E=KDeleo@CitadelEnvironmental.com
Reason: I have reviewed this document
Location:
Date: 2019-04-26 16:37:45
Foxit PhantomPDF Version: 9.3.0

Kier DeLeo, CHMM
Principal, Building Sciences

Attachments A-J

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Appendix A
Project Team Certifications

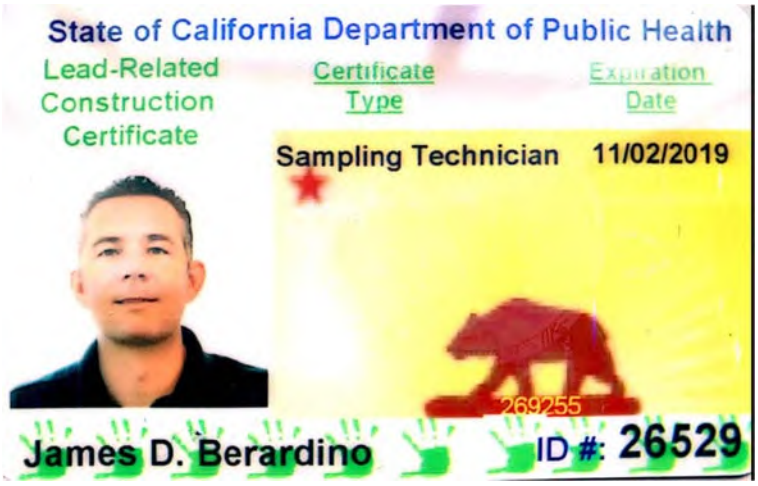
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CERTIFICATIONS

INSPECTOR	James D Berardino
CERTIFICATION	Certified Site Surveillance Technician
CERTIFIED BY	State of California Division of Occupational Safety and Health
CERTIFICATION NUMBER	15-5502
EXPIRATION DATE	11/17/19



INSPECTOR	James D Berardino
CERTIFICATION	Lead-Related Sampling Technician
CERTIFIED BY	State of California Department of Public Health
CERTIFICATION NUMBER	26529
EXPIRATION DATE	11/02/19



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CERTIFICATIONS

INSPECTOR	Jack Simmons Samuels
CERTIFICATION	Certified Asbestos Consultant
CERTIFIED BY	State of California Division of Occupational Safety and Health
CERTIFICATION NUMBER	92-0475
EXPIRATION DATE	01/07/20



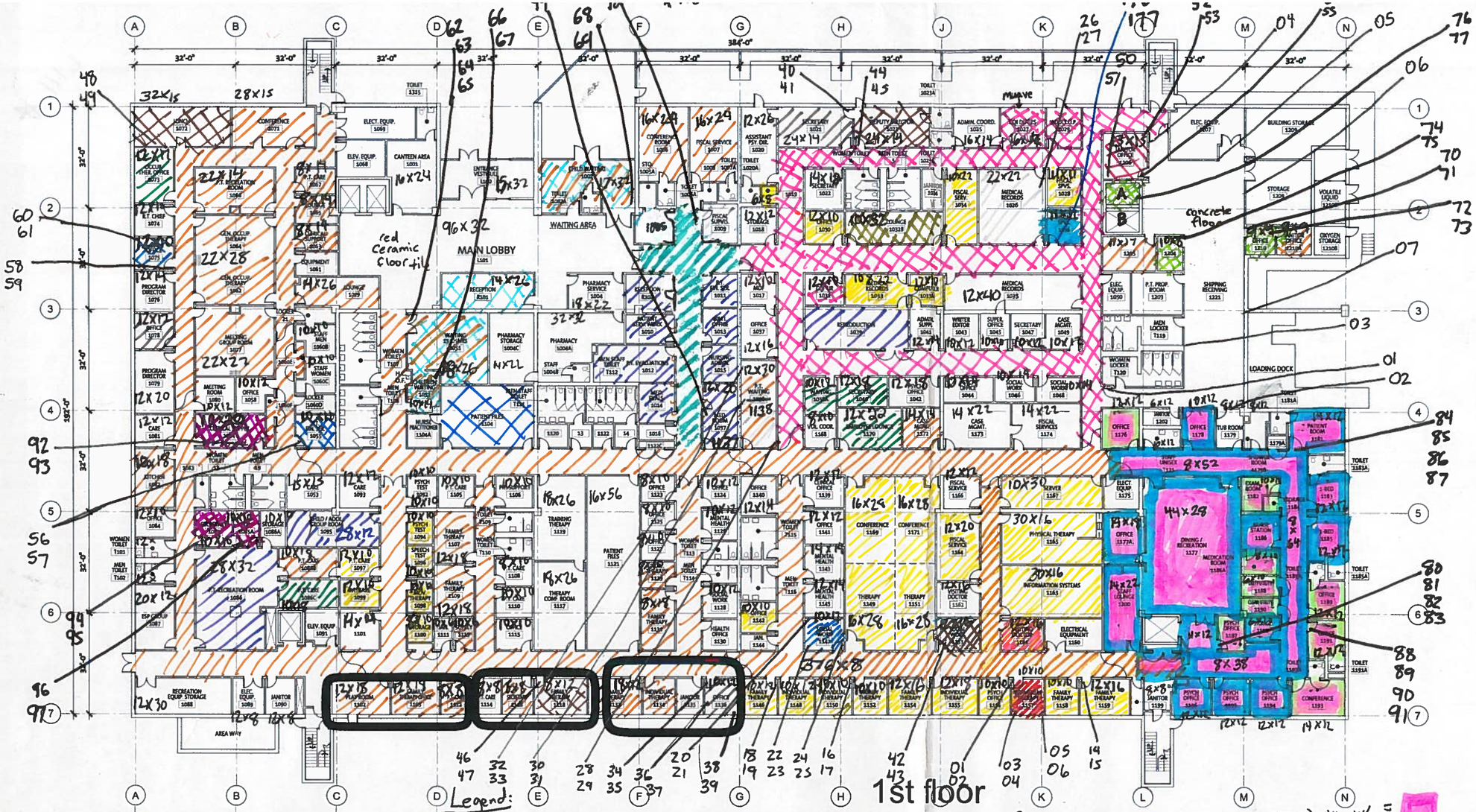
INSPECTOR	Jack Simmons Samuels
CERTIFICATION	Lead-Related Inspector/Assessor Supervisor Project Monitor
CERTIFIED BY	State of California Department of Public Health
CERTIFICATION NUMBER	5380
EXPIRATION DATE	03/11/21



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Appendix B
Drawings with Bulk Sample Locations

#0018.1069.0



Minor repairs should be made to gypsum board walls and ceilings, and repainted.

In custodian rooms, floor and wall ceramic tile should be patched or replaced. Ceramic tile or at least FRP (fiber-reinforced plastic) panels should be provided around service sinks to provide a waterproof surface where currently there is only gypsum board (one instance). Gypsum board walls should be repaired and repainted.

Although there are areas of patched vinyl tile, it does not need to be replaced. The few areas where there is minor damage should be spot-repaired.

Carpet should be replaced in heavy-use areas, as well as where it is at least 10 years old.

In general, floor and wall ceramic tile, and specifically the grout, should be cleaned.

All acoustical ceiling tiles within rooms where more than ten percent are damaged, chipped, discolored or mismatched should be replaced. Salvaged tiles in good condition should be reused to spot-replace in other rooms.

FIRST FLOOR PLAN (AT LEFT)

The first floor of the Hawkins Building consists of physical therapy and treatment rooms, medical records and pharmacy, physician and support staff offices, dining and recreation rooms, day-patient rooms, and shipping and receiving.

RACHLIN PARTNERS
8640 National Boulevard
Culver City, CA 90232
310 204-3400

E2DI
Mechanical Engineers
120 West Lime Avenue
Monrovia, CA 91016
626 359-7231

PES
Electrical Engineers
2703 Saturn Street
Brea, CA 92821
714 524-9100

HKA
Elevator Consultants
232 South Pointe Drive
Laguna Hills, CA 92653
949 348-9711

MLK-Hawkins Feasibility Study
County of Los Angeles Department of Public Works
Alhambra, California 91803

First Floor Plan
A 1-3

#0018.1069.0

MARTIN LUTHER KING, JR., MULTI-SERVICE AMBULATORY CARE CENTER
HAWKINS BUILDING—SECOND FLOOR PLAN

The second floor of the Hawkins Building consists largely of single-occupancy bedrooms for housing patients overnight and longer, along with ancillary spaces which include: dayrooms, treatment rooms, nurse/monitoring stations, laboratories and staff offices.

#2195 metal refrigerator

← pink

Notes:

- sink mastic a/w metal sinks only
  Rms 2153, 2159, 2168-A, 2168-E
  2175, 2177
- Did not observe pipe sealant at terminated TSI lines in Rm 2071

2nd floor

Ward A

(12VFT27) Yellow w/ yellow streaks =

(12VFT 32) Blue w/ White Streak =

(RVFT28) Brown w/ yellow streaks =

(12VFT 33) Light tan w/ specks =

(12VFT29) Tan W Specks =

(12VFT7) red/white/blue =

(12VFT 30) Grey =

(VSF5) Light Blue =

(12VFT) =

move

0 8 16 32 52

NORTH

RACHLIN PARTNERS
8640 National Boulevard
Culver City, CA 90232
310 204-3400

E2DI
Mechanical Engineers
120 West Lime Avenue
Monrovia, CA 91016
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949 348-9711

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County of Los Angeles Department of Public Works
Alhambra, California 91803

Second Floor Plan
A 2-3

MARTIN LUTHER KING, JR., MULTI-SERVICE AMBULATORY CARE CENTER
HAWKINS BUILDING—THIRD FLOOR PLAN

The third floor of the Hawkins Building consists primarily of laboratories (in-house and University Research Labs), a secure vivarium for housing animals, and staff offices.



NOTES:

- Transite = Rms 3025, 3041, 3055, 3095, 3069, 3096
  panels 20 sf each fume hood (3rd floor only)
- sink matrix a/w metal sinks (not ceramic sinks) 3003A, 3004A, 3019, 3020A, 3020C, 3020D, 3020E, 3021, 3031

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E2DI
Mechanical Engineers
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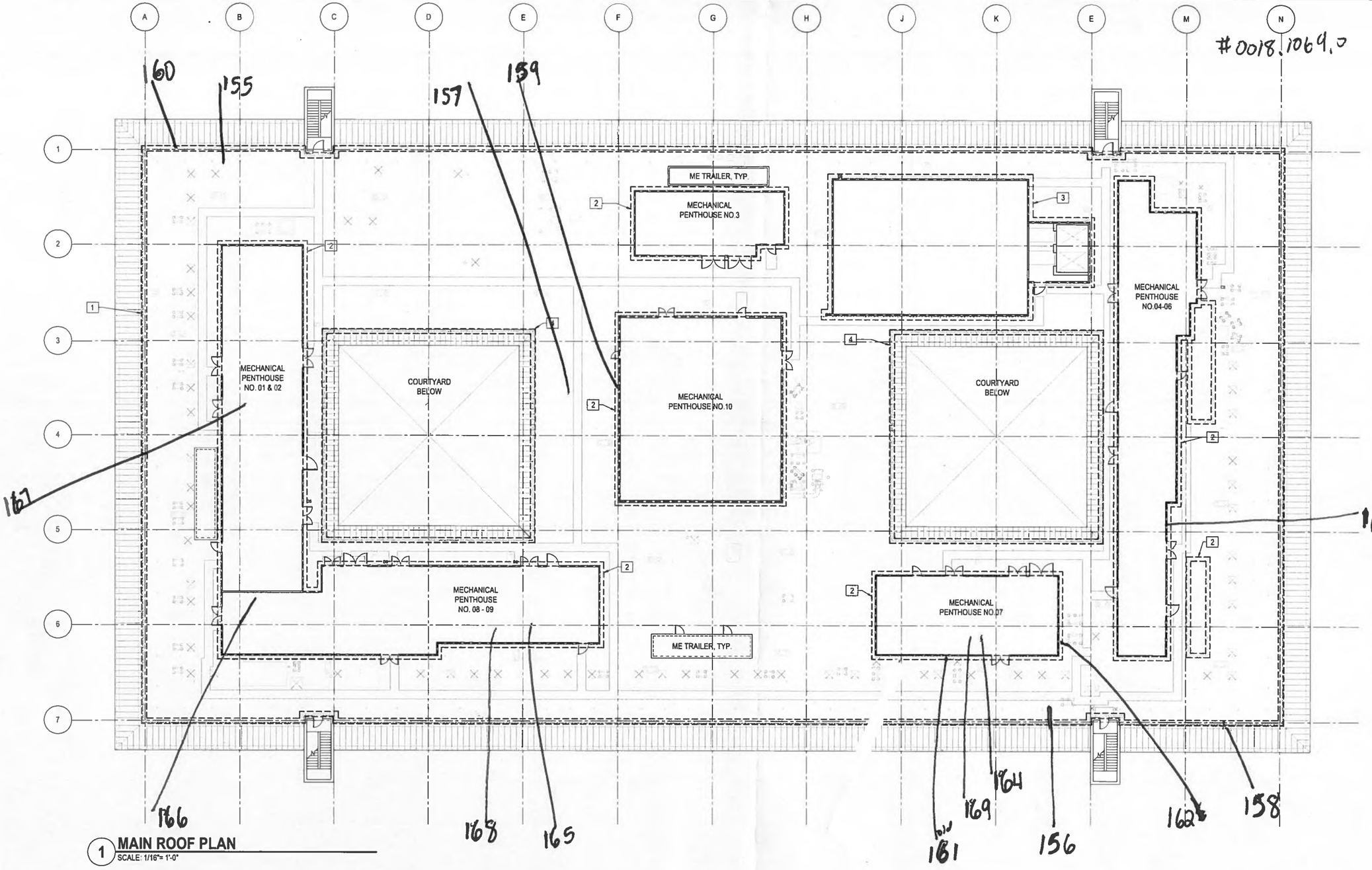
PES
Electrical Engineers
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Brea, CA 92821
714 524-9100

HKA
Elevator Consultant
232 South Pointe Drive
Laguna Hills, CA 92653
949 348-9711

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Alhambra, California 91803

Third Floor Plan

A 3-3



1 MAIN ROOF PLAN

SCALE: 1/16"= 1'-0"

LEGEND	UNIT QTY	TAG	DESCRIPTION
DEMO EXISTING WATERPROOFING DOWN TO SUBSTRATE AT A MINIMUM OF 18" FROM FACE OF VERTICAL TERMINATION & 18" FROM TOP OF TOPPING SLAB UP MECHANICAL PENTHOUSE & PARAPET WALLS. REMOVE EXISTING COUNTER-FLASHING, STORE & PROTECT FOR RE-INSTALLATION ONCE NEW ROOFING IS INSTALLED.	2,330 SQFT	1	MECHANICAL PENTHOUSE MAIN ROOF LEVEL: PERIMETER BASE FLASHING REMOVAL
	2590 SQFT	2	MECHANICAL PENTHOUSE MAIN ROOF LEVEL: BASE FLASHING REMOVAL
	485 SQFT	3	ELEVATOR BULKHEAD & RAINSCREEN: ENCLOSURE BASE FLASHING REMOVAL
	980 SQFT	4	COURTYARD: BASE FLASHING REMOVAL

NOTES:
1. ALL INDICATED WORK TO BE PERFORMED AT MAIN ROOF AND PENTHOUSE BULKHEAD LEVELS.
2. **WORK TO BE PERFORMED IN PHASES AND TO BE COORDINATED WITH OWNER.**
3. ALL WORK AT AND AROUND TELECOMMUNICATION CABLES AND ANTENNAS TO BE COORDINATED WITH BUILDING SUPER & OWNER BEFORE DEMOLITION.
4. CONTRACTOR TO CALL **OWNER'S** TECHNICAL REPRESENTATIVE FOR PRE AND POST INSTALLATION MEETING. A/E TO BE INFORMED AND PRESENT DURING THESE MEETINGS
5. **OWNER'S** TECHNICAL REPRESENTATIVE WILL PERFORM WEEKLY (OR AS REQUIRED) SITE VISITS BASED ON THE SCHEDULE OF THE PROJECT. THESE SITE VISITS WILL BE FOLLOWED UP WITH A TECHNICAL REPORT PREPARED BY THE **OWNER'S** TECHNICAL REPRESENTATIVE.

ROOFING REPLACEMENT:
1. REMOVE EXISTING ROOFING SYSTEM DOWN THE SUBSTRATE. PRIME SUBSTRATE AS PER MANUFACTURER'S PRODUCT DATA SHEET, WHERE REQUIRED, FOR THE APPLICATION OF REPLACEMENT **ROOFING SYSTEM.**
2. INSTALL NEW **SHEET-APPLIED ROOFING MEMBRANE** ON ALL SURFACES/AREAS WHERE NEEDED. SEE DETAIL 1/A-300.00.
3. LOG OF DAILY PROGRESS/PHASE WORK TO BE DOCUMENTED AND PROVIDED TO A/E BY CONTRACTOR.
4. PERFORM DOOR SADDLE REPAIR BASED ON THE NEW ROOFING SYSTEM DEPTH. SEE DETAILS 2&4/A-301.00 & 8/A-302.00.

MISCELLANEOUS WORK:
1. SNAKE AND CLEAN ALL DRAINAGE PIPES AT ALL LEVELS.
2. SCRAPE, PRIME AND PAINT EXISTING STEEL LADDERS.

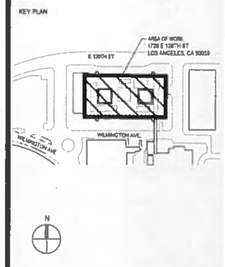
BUILDING PERFORMANCE ENVELOPE - TB 3.4.5A

ARCHITECT / ENGINEER:
Thornton Tomasetti
Thornton Tomasetti, Inc.
650 California St., Suite 1400
San Francisco, CA 94108
T 415.365.6900 F 415.365.6901

OWNER:
COUNT OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
900 SOUTH FREMONT AVE
LOS ANGELES, CA 91803

CONSTRUCTION MANAGEMENT

KEY PLAN



DOB STAMPS

DOB SIGN

SEAL & SIGNATURE

ARCHITECT OF RECORD
JEFFREY LUNEY, RA

	ISSUE	DATE
1	ISSUED TO CLIENT	3/29/2017

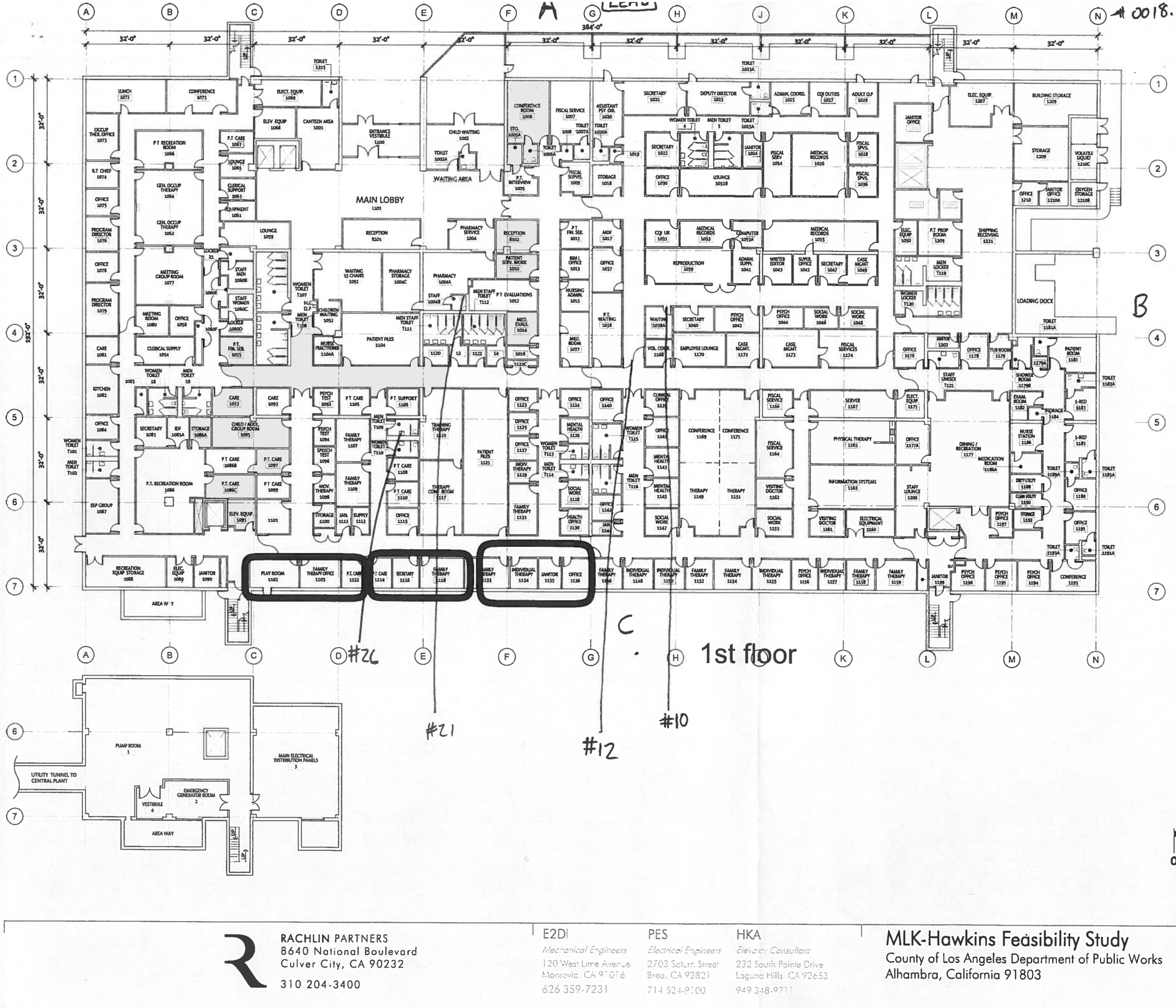
JOB TITLE
1720 E 120TH ST
LOS ANGELES, CA 90059
ROOF REPLACEMENT

SHEET TITLE
DEMO PLAN- MAIN ROOF

DATE 03/9/2017
SCALE AS SHOWN
DRAWN BY DC
CHECKED BY JL

PROJECT U17831.00
SHEET NUMBER
DM-100.00
SHEET 32 OF 13

0018.1069.0



Minor repairs should be made to gypsum board walls and ceilings, and repainted.

In custodian rooms, floor and wall ceramic tile should be patched or replaced. Ceramic tile or at least FRP (fiber-reinforced plastic) panels should be provided around service sinks to provide a waterproof surface where currently there is only gypsum board (one instance). Gypsum board walls should be repaired and repainted.

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All acoustical ceiling tiles within rooms where more than ten percent are damaged, chipped, discolored or mismatched should be replaced. Salvaged tiles in good condition should be reused to spot-replace in other rooms.

FIRST FLOOR PLAN (AT LEFT)

The first floor of the Hawkins Building consists of physical therapy and treatment rooms, medical records and pharmacy, physician and support staff offices, dining and recreation rooms, day-patient rooms, and shipping and receiving.

0 8 16 32 52

NORTH

RACHLIN PARTNERS
8640 National Boulevard
Culver City, CA 90232
310 204-3400

E2DI
Mechanical Engineers
120 West Lime Avenue
Monrovia, CA 91016
626 359-7231

PES
Electrical Engineers
2703 Saturn Street
Brea, CA 92821
714 524-9100

HKA
Elevator Consultant
232 South Pointe Drive
Laguna Hills, CA 92653
949 348-9711

MLK-Hawkins Feasibility Study
County of Los Angeles Department of Public Works
Alhambra, California 91803

First Floor Plan
A 1-3

LEAD

0018.1069.0

MARTIN LUTHER KING, JR., MULTI-SERVICE AMBULATORY CARE CENTER
HAWKINS BUILDING—SECOND FLOOR PLAN

The second floor of the Hawkins Building consists largely of single-occupancy bedrooms for housing patients overnight and longer, along with ancillary spaces which include: dayrooms, treatment rooms, nurse/monitoring stations, laboratories and staff offices.

A

B

C

D

#64

Ward A

#46

#23

#45

2nd floor

0 8 16 32 52

NORTH

RACHLIN PARTNERS
8640 National Boulevard
Culver City, CA 90232
310 204-3400

E2DI
Mechanical Engineers
120 West Lime Avenue
Monrovia, CA 91016
626 359-7231

PES
Electrical Engineers
2703 Saturn Street
Brea, CA 92821
714 524-9100

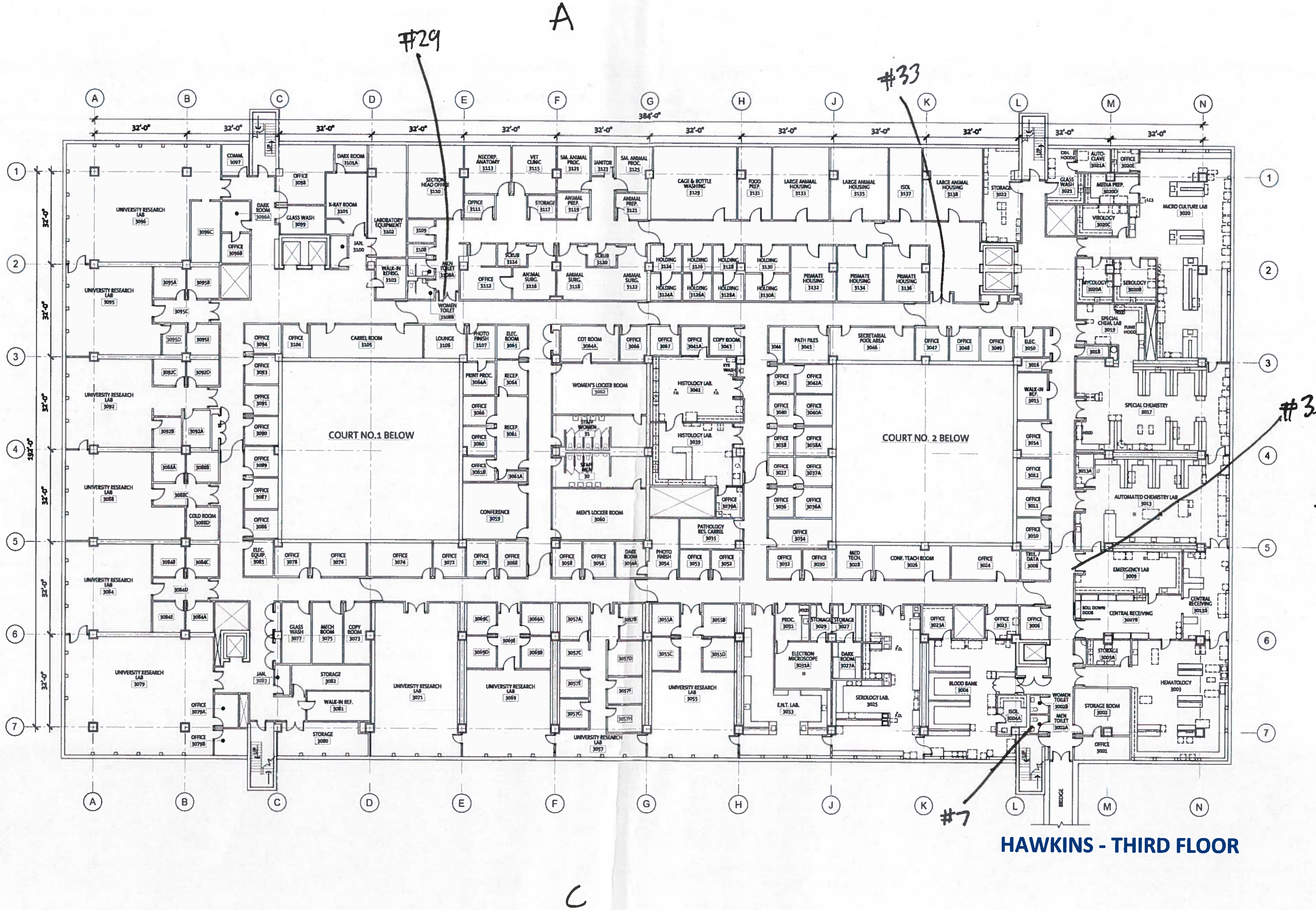
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949 348-9711

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County of Los Angeles Department of Public Works
Alhambra, California 91803

Second Floor Plan
A 2-3

LEAD

0018.1069.0



HAWKINS - THIRD FLOOR

MARTIN LUTHER KING, J
AMBULATORY CARE CEN
HAWKINS BUILDING—TI

The third floor of the Ha
primarily of laboratories
University Research Labs
housing animals, and sta

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Appendix C
Table 1.0 - Bulk Sample Results

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TABLE 1.0 - BULK SAMPLE RESULTS
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
MISC1	12021 LEVEL 1 - RM 1221- SW	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		01	
MISC1	12021 LEVEL 1 - RM 1221-SE	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		02	
MISC1	12021 LEVEL 1 - RM 1221-W	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		03	
MISC1	12021 LEVEL 1 - RM 1221-NW	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		04	
MISC1	12021 LEVEL 1 - RM 1221-N	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		05	
MISC1	12021 LEVEL 1 - RM 1221-NE	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		06	
MISC1	12021 LEVEL 1 - RM 1221-E	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		07	
12VFT2	12021 LEVEL 1 - RM 1157- NW	GREY 12X12" FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		08	
FTM2	12021 LEVEL 1 - RM 1157-NW	ORANGE MASTIC	PLM	NON-ACM	ND		FTM2-09	
FTM2	12021 LEVEL 1 - RM 1157-NW	ORANGE MASTIC	PLM	NON-ACM	ND		FTM2-09-CEMENTITIOUS MATERIAL	
12VFT2	12021 LEVEL 1 - RM 1157-SW	GREY 12X12" FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		10	
FTM2	12021 LEVEL 1 - RM 1157-SW	ORANGE MASTIC	PLM	NON-ACM	ND		11	
12VFT2	12021 LEVEL 1 - RM 1157-SE	GREY 12X12" FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		12	
FTM2	12021 LEVEL 1 - RM 1157-SE	ORANGE MASTIC	PLM	NON-ACM	ND		13	
12VFT3	**12021 LEVEL 1 - RM 1159-NW**	**LIGHT TAN 12"X12" FLOOR TILE W/ BROWN SPECKLED**	**PLM**	ACM	5	**CHRYSOTILE**	**14**	
FTM3	**12021 LEVEL 1- RM 1159 NW**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**15**	
12VFT3	**12021 LEVEL 1- RM1150 NE**	**LIGHT TAN 12"X12" FLOOR TILE W/ BROWN SPECKLED**	**PLM**	ACM	5	**CHRYSOTILE**	**16**	
FTM3	12021 LEVEL 1- RM 1150 NE	BLACK MASTIC	PLM	NON-ACM	ND		FTM3-17-MASTIC-TOP	
FTM3	**12021 LEVEL 1- RM 1150 NE**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**FTM3-17-MASTIC-BOTTOM**	
12VFT3	**12021 LEVEL 1- RM 1146 NE**	**LIGHT TAN 12"X12" FLOOR TILE W/ BROWN SPECKLED**	**PLM**	ACM	3	**CHRYSOTILE**	**18**	
FTM3	**12021 LEVEL 1- RM 1146 NE**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**19**	
12VFT6	12021 LEVEL 1- RM 1147 NW	LIGHT BLUE 12"X12" FLOOR TILE W/ WHITE SPECKLED	PLM	NON-ACM	ND		20	
FTM6	12021 LEVEL 1- RM 1147 NW	GREY MASTIC	PLM	NON-ACM	ND		21	
12VFT6	12021 LEVEL 1- RM 1147 SW	LIGHT BLUE 12"X12" FLOOR TILE W/ WHITE SPECKLED	PLM	NON-ACM	ND		22	
FTM6	12021 LEVEL 1- RM 1147 SW	GREY MASTIC	PLM	NON-ACM	ND		23	
12VFT6	12021 LEVEL 1- RM 1147 SE	LIGHT BLUE 12"X12" FLOOR TILE W/ WHITE SPECKLED	PLM	NON-ACM	ND		24	
FTM6	12021 LEVEL 1- RM 1147 SE	GREY MASTIC	PLM	NON-ACM	ND		25	
12VFT8	12021 LEVEL 1- RM 1026 NE	PEACH 12"X12" FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		26	
FTM8	12021 LEVEL 1- RM 1026 NE	GREY MASTIC	PLM	NON-ACM	ND		FTM8-27-MASTIC 1/LEVELING COMPOUND	
FTM8	12021 LEVEL 1- RM 1026 NE	GREY MASTIC	PLM	NON-ACM	ND		FTM8-27-MASTIC 2	
12VFT8	12021 LEVEL 1- RM 1138 SE	PEACH 12"X12" FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		28	
FTM8	12021 LEVEL 1- RM 1138 SE	GREY MASTIC	PLM	NON-ACM	ND		29	
12VFT8	12021 LEVEL 1- RM 1138 W	PEACH 12"X12" FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		30	
FTM8	12021 LEVEL 1- RM 1138 W	GREY MASTIC	PLM	NON-ACM	ND		31	
12VFT8	12021 LEVEL 1- RM 1138 NE	PEACH 12"X12" FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		32	
FTM8	12021 LEVEL 1- RM 1138 NE	GREY MASTIC	PLM	NON-ACM	ND		33	
12VFT10	12021 LEVEL 1- RM 1136 NW	LIGHT BLUE-GRAY-12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		34	
FTM10	12021 LEVEL 1- RM 1136 NW	ORANGE MASTIC	PLM	NON-ACM	ND		35	
12VFT10	12021 LEVEL 1- RM 1136 W	LIGHT BLUE-GRAY-12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		36	

CITADEL PROJECT NO. 0018.1069.0

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TABLE 1.0 - BULK SAMPLE RESULTS
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
FTM10	12021 LEVEL 1- RM 1136 W	ORANGE MASTIC	PLM	NON-ACM	ND		37	
12VFT10	12021 LEVEL 1- RM 1136 SE	LIGHT BLUE-GRAY-12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		38	
FTM10	12021 LEVEL 1- RM 1136 SE	ORANGE MASTIC	PLM	NON-ACM	ND		39	
12VFT10	12021 LEVEL 1- RM 1021 NE	LIGHT BLUE-GRAY-12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		40	
FTM10	12021 LEVEL 1- RM 1021 NE	ORANGE MASTIC	PLM	NON-ACM	ND		FTM10-41-MASTIC/LEVELING COMPOUND	
12VFT11	12021 LEVEL 1- RM 1153 SW	PEACH 12"X12" FLOOR TILE	PLM	NON-ACM	ND		42	
FTM11	12021 LEVEL 1- RM 1153 SW	ORANGE MASTIC	PLM	NON-ACM	ND		43	
12VFT11	12021 LEVEL 1- RM 1023 SW	PEACH 12"X12" FLOOR TILE	PLM	NON-ACM	ND		44	
FTM11	12021 LEVEL 1- RM 1023 SW	ORANGE MASTIC	PLM	NON-ACM	ND		45	
12VFT11	12021 LEVEL 1- RM 1118 NW	PEACH 12"X12" FLOOR TILE	PLM	NON-ACM	ND		46	
FTM11	12021 LEVEL 1- RM 1118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		47	
12VFT11	12021 LEVEL 1- RM 1072 SW	PEACH 12"X12" FLOOR TILE	PLM	NON-ACM	ND		48	
FTM11	12021 LEVEL 1- RM 1072 SW	ORANGE MASTIC	PLM	NON-ACM	ND		49	
12VFT12	12021 LEVEL 1- RM 1206 SW	PINK 12"X12" FLOOR TILE W/ BEIGE SPECKS	PLM	NON-ACM	ND		50	
FTM12	12021 LEVEL 1- RM 1206 SW	ORANGE MASTIC	PLM	NON-ACM	ND		51	
12VFT12	12021 LEVEL 1- RM 1206 NE	PINK 12"X12" FLOOR TILE W/ BEIGE SPECKS	PLM	NON-ACM	ND		52	
FTM12	12021 LEVEL 1- RM 1206 NE	ORANGE MASTIC	PLM	NON-ACM	ND		53	
12VFT12	12021 LEVEL 1- RM 1206 SW	PINK 12"X12" FLOOR TILE W/ BEIGE SPECKS	PLM	NON-ACM	ND		54	
FTM12	12021 LEVEL 1- RM 1206 SW	ORANGE MASTIC	PLM	NON-ACM	ND		55	
12VFT13	12021 LEVEL 1- RM 1055 SW	OLIVE 12X12 FLOOR TILE W/ STREAKS	PLM	NON-ACM	ND		56	
FTM13	12021 LEVEL 1- RM 1055 SW	ORANGE MASTIC	PLM	NON-ACM	ND		57-MASTIC	
FTM13	12021 LEVEL 1- RM 1055 SW	ORANGE MASTIC	PLM	NON-ACM	ND		57-LEVELING COMPOUND	
12VFT13	12021 LEVEL 1- RM 1075 SE	OLIVE 12X12 FLOOR TILE W/ STREAKS	PLM	NON-ACM	ND		58	
FTM13	12021 LEVEL 1- RM 1075 SE	ORANGE MASTIC	PLM	NON-ACM	ND		59	
12VFT13	12021 LEVEL 1- RM 1075 NW	OLIVE 12X12 FLOOR TILE W/ STREAKS	PLM	NON-ACM	ND		60	
FTM13	12021 LEVEL 1- RM 1075 NW	ORANGE MASTIC	PLM	NON-ACM	ND		61	
12VFT14	12021 LEVEL 1- RM 1051 NW	WHITE 12X12 FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		62	
FTM14	12021 LEVEL 1- RM 1051 NW	ORANGE MASTIC	PLM	NON-ACM	ND		63	
12VFT1	**12021 LEVEL 1- RM 1051 NW UNDERNEATH 12VFT14**	**TAN/ BROWN 12"X12" FLOOR TILE SPECKLED**	**PLM**	ACM	5	**CHRYSOTILE**	**64**	
FTM1	12021 LEVEL 1- RM 1051 NW UNDERNEATH 12VFT14	BLACK MASTIC	PLM	NON-ACM	ND		65-MASTIC/LEVELING COMPOUND-TOP	
FTM1	**12021 LEVEL 1- RM 1051 NW UNDERNEATH 12VFT14**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**65-MASTIC-BOTTOM**	
12VFT14	12021 LEVEL 1- RM 1051 NE	WHITE 12X12 FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		66	
FTM14	12021 LEVEL 1- RM 1051 NE	ORANGE MASTIC	PLM	NON-ACM	ND		67-MASTIC	
FTM14	12021 LEVEL 1- RM 1051 NE	ORANGE MASTIC	PLM	NON-ACM	ND		67-LEVELING COMPOUND	
12VFT14	12021 LEVEL 1- RM 1002 SE	WHITE 12X12 FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		68	
FTM14	12021 LEVEL 1- RM 1002 SE	ORANGE MASTIC	PLM	NON-ACM	ND		69	
12VFT16	12021 LEVEL 1- RM 1210 NW	BLUE 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		70	
FTM16	**12021 LEVEL 1- RM 1210 NW**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**71**	
12VFT16	12021 LEVEL 1- RM 1210 NE	BLUE 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		72	

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AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
FTM16	**12021 LEVEL 1- RM 1210 NE**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**73**	
12VFT16	12021 LEVEL 1- RM 1204 NE	BLUE 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		74	
FTM16	**12021 LEVEL 1- RM 1204 NE**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**75**	
12VFT16	12021 LEVEL 1- NE ELEVATOR E	BLUE 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		76	
FTM16	12021 LEVEL 1- NE ELEVATOR E	ORANGE MASTIC	PLM	NON-ACM	ND		77	
VSF1	12021 LEVEL 1- NE ELEVATOR UNDERNEATH 12VFT16 E	TAN VINYL SHEET FLOORING TAN W/ PEBBLES PATTERN	PLM	NON-ACM	ND		78	
VSFM1	12021 LEVEL 1- NE ELEVATOR UNDERNEATH 12VFT16 E	LIGHT GREY MASTIC	PLM	NON-ACM	ND		79-MASTIC-TOP	
VSFM1	12021 LEVEL 1- NE ELEVATOR UNDERNEATH 12VFT16 E	LIGHT GREY MASTIC	PLM	NON-ACM	ND		79-MASTIC-BOTTOM	
VSFM1	12021 LEVEL 1- NE ELEVATOR UNDERNEATH 12VFT16 E	LIGHT GREY MASTIC	PLM	NON-ACM	ND		79-WOOD FLOORING	
12VFT21	12021 LEVEL 1- RM 1197 SW	DARK GREEN 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		80	
FTM21	12021 LEVEL 1- RM 1197 SW	BLACK MASTIC	PLM	NON-ACM	ND		81-MASTIC	
FTM21	12021 LEVEL 1- RM 1197 SW	BLACK MASTIC	PLM	NON-ACM	ND		81-FLOOR TILE DEBRIS	
12VFT20	12021 LEVEL 1- RM 1197 UNDERNEATH 12VFT21 SW	LIGHT GREEN 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		82	
FTM20	12021 LEVEL 1- RM 1197 UNDERNEATH 12VFT21 SW	BLACK MASTIC	PLM	NON-ACM	ND		83-MASTIC/LEVELING COMPOUND-TOP	
FTM20	**12021 LEVEL 1- RM 1197 UNDERNEATH 12VFT21 SW**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**83-MASTIC-BOTTOM**	
12VFT21	12021 LEVEL 1- RM 1181 S	DARK GREEN 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		84-FLOOR TILE 1	
12VFT21	**12021 LEVEL 1- RM 1181 S**	**DARK GREEN 12X12 FLOOR TILE W/ WHITE SPECKS**	**PLM**	ACM	5	**CHRYSOTILE**	**84-FLOOR TILE 2**	
FTM21	12021 LEVEL 1- RM 1181 S	ORANGE MASTIC	PLM	NON-ACM	ND		85-MASTIC 1	
FTM21	12021 LEVEL 1- RM 1181 S	ORANGE MASTIC	PLM	NON-ACM	ND		85-LEVELING COMPOUND	
FTM21	**12021 LEVEL 1- RM 1181 S**	**ORANGE MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**85-MASTIC 2**	
12VFT20	**12021 LEVEL 1- RM 1181 UNDERNEATH 12VFT21 S**	**LIGHT GREEN 12X12 FLOOR TILE DARK GREEN SPECKS**	**PLM**	ACM	3	**CHRYSOTILE**	**86**	
FTM20	12021 LEVEL 1- RM 1181 UNDERNEATH 12VFT21 S	ORANGE MASTIC	PLM	NON-ACM	ND		87-MASTIC-1	
FTM20	**12021 LEVEL 1- RM 1181 UNDERNEATH 12VFT21 S**	**ORANGE MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**87-MASTIC-2**	
FTM20	12021 LEVEL 1- RM 1181 UNDERNEATH 12VFT21 S	ORANGE MASTIC	PLM	NON-ACM	ND		87-LEVELING COMPOUND	
12VFT21	12021 LEVEL 1- RM 1191 NW	DARK GREEN 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		88	
FTM21	12021 LEVEL 1- RM 1191 NW	ORANGE MASTIC	PLM	NON-ACM	ND		89-MASTIC-1	
FTM21	**12021 LEVEL 1- RM 1191 NW**	**ORANGE MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**89-MASTIC-2**	
FTM21	12021 LEVEL 1- RM 1191 NW	ORANGE MASTIC	PLM	NON-ACM	ND		89-LEVELING COMPOUND	
12VFT20	12021 LEVEL 1- RM 1191 UNDERNEATH 12VFT21 NW	LIGHT GREEN 12X12 FLOOR TILE DARK GREEN SPECKS	PLM	NON-ACM	ND		90-LEVELING COMPOUND	
FTM20	12021 LEVEL 1- RM 1191 UNDERNEATH 12VFT21 NW	ORANGE MASTIC	PLM	NON-ACM	ND		91-MASTIC 1	
FTM20	**12021 LEVEL 1- RM 1191 UNDERNEATH 12VFT21 NW**	**ORANGE MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**91-MASTIC 2**	
12VFT22	12021 LEVEL 1- RM 1054 SE	LIGHT PINK 12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		92	
FTM22	**12021 LEVEL 1- RM 1054 SE**	**BLACK MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**93**	
12VFT22	12021 LEVEL 1- RM 1085 SW	LIGHT PINK 12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		94	
FTM22	12021 LEVEL 1- RM 1085 SW	BLACK MASTIC	PLM	NON-ACM	ND		95-MASTIC 1	
FTM22	**12021 LEVEL 1- RM 1085 SW**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**95-MASTIC 2**	
12VFT22	12021 LEVEL 1- RM 1085-A SW	LIGHT PINK 12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		96	
FTM22	**12021 LEVEL 1- RM 1085-A SW**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**97-MASTIC-1**	
FTM22	12021 LEVEL 1- RM 1085-A SW	BLACK MASTIC	PLM	NON-ACM	ND		97-MASTIC-2	

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LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
MISC2	**12021 LEVEL 1- HALLWAY OUTSIDE RM 1009 UNDERNEATH 12VFT7**	**BLACK RESIDUAL BLACK MASTIC**	**PLM**	ACM	7	**CHRYSOTILE**	**98**	
MISC2	12021 LEVEL 1- RM 1137 UNDERNEATH 12VFT7	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		99-FLOOR TILE	
MISC2	**12021 LEVEL 1- RM 1137 UNDERNEATH 12VFT7**	**WHITE DRYWALL W /JOINT COMPOUND**	**PLM**	ACM	7	**CHRYSOTILE**	**99-MASTIC**	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN S	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		100	
WJC1	12021 LEVEL 2- RM 2056 KITCHEN S	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		101	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN NE	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		102	
WJC1	12021 LEVEL 2- RM 2056 KITCHEN NE	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		103	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		104-SKIM COAT	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		104-PLASTER	
WJC1	12021 LEVEL 2- RM 2056 KITCHEN NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		105	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN W	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		106	
WJC1	12021 LEVEL 2- RM 2056 KITCHEN W	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		107	
WSR1	12021 LEVEL 2- RM 2056-E NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		108	
WJC1	12021 LEVEL 2- RM 2056-E NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		109	
VSF2	12021 LEVEL 2- RM 2056-C SE	PALE BLUE VINYL SHEET FLOORING	PLM	NON-ACM	ND		110	
VSFM2	12021 LEVEL 2- RM 2056-C SE	GREY MASTIC	PLM	NON-ACM	ND		111-MASTIC/LEVELING COMPOUND	
VSF2	12021 LEVEL 2- RM 2056-C S	PALE BLUE VINYL SHEET FLOORING	PLM	NON-ACM	ND		112	
VSFM2	12021 LEVEL 2- RM 2056-C S	GREY MASTIC	PLM	NON-ACM	ND		113-MASTIC/LEVELING COMPOUND	
VSF2	12021 LEVEL 2- RM 2056-C NW	PALE BLUE VINYL SHEET FLOORING	PLM	NON-ACM	ND		114	
VSFM2	12021 LEVEL 2- RM 2056-C NW	GREY MASTIC	PLM	NON-ACM	ND		115-MASTIC	
VSFM2	12021 LEVEL 2- RM 2056-C NW	GREY MASTIC	PLM	NON-ACM	ND		115-LEVELING COMPOUND	
12VFT32	12021 LEVEL 2- RM 2058 SW	BLUE 12"X12" W WHITE & BLUE SPECKS	PLM	NON-ACM	ND		116	
FTM32	12021 LEVEL 2- RM 2058 SW	ORANGE MASTIC	PLM	NON-ACM	ND		117	
12VFT32	12021 LEVEL 2- RM 2083 NW	BLUE 12"X12" W WHITE & BLUE SPECKS	PLM	NON-ACM	ND		118	
FTM32	12021 LEVEL 2- RM 2083 NW	ORANGE MASTIC	PLM	NON-ACM	ND		119	
12VFT32	12021 LEVEL 2- RM 2093 NW	BLUE 12"X12" W WHITE & BLUE SPECKS	PLM	NON-ACM	ND		120	
FTM32	12021 LEVEL 2- RM 2093 NW	ORANGE MASTIC	PLM	NON-ACM	ND		121	
12VFT33	**12021 LEVEL 2- RM 2103 SW**	**LIGHT TAN 12"X12" LIGHT TAN WITH WHITE SPECKS**	**PLM**	ACM	5	**CHRYSOTILE**	**122**	
FTM33	12021 LEVEL 2- RM 2103 SW	BLACK MASTIC	PLM	NON-ACM	ND		123-MASTIC/LEVELING COMPOUND-TOP	
FTM33	**12021 LEVEL 2- RM 2103 SW**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**123-MASTIC-BOTTOM**	
12VFT33	**12021 LEVEL 2- RM 2103 SE**	**LIGHT TAN 12"X12" LIGHT TAN WITH WHITE SPECKS**	**PLM**	ACM	5	**CHRYSOTILE**	**124**	
FTM33	**12021 LEVEL 2- RM 2103 SE**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**125**	
12VFT33	**12021 LEVEL 2- RM 2196-A SW**	**LIGHT TAN 12"X12" LIGHT TAN WITH WHITE SPECKS**	**PLM**	ACM	3	**CHRYSOTILE**	**126**	
FTM33	**12021 LEVEL 2- RM 2196-A SW**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**127**	
12VFT4	12021 LEVEL 3- RM 3004-A W	BROWN 12"X12" BROWN MOLTED PATTERN	PLM	NON-ACM	ND		128	
FTM4	12021 LEVEL 3- RM 3004-A W	BLACK MASTIC	PLM	NON-ACM	ND		129	
12VFT26	12021 LEVEL 3- RM 30095-C E	LIGHT GREY 12"X12" LIGHT GREY W/ GREY SPECKS	PLM	NON-ACM	ND		130	
FTM26	**12021 LEVEL 3- RM 30095-C E**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**131**	
12VFT26	12021 LEVEL 3- RM 30084 SE	LIGHT GREY 12"X12" LIGHT GREY W/ GREY SPECKS	PLM	NON-ACM	ND		132	

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12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
FTM26	**12021 LEVEL 3- RM 30084 SE**	**BLACK MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**133**	
12VFT26	12021 LEVEL 3- RM 30057 -S	LIGHT GREY 12"X12" LIGHT GREY W/ GREY SPECKS	PLM	NON-ACM	ND		134	
FTM26	**12021 LEVEL 3- RM 30057 -S**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**135**	
12VFT16	12021 LEVEL 3- RM 3013-B- NE	BLUE 12"X12" BLUE W/ GREY SPECKS	PLM	NON-ACM	ND		136	
FTM16	12021 LEVEL 3- RM 3013-B- NE	BLACK MASTIC	PLM	NON-ACM	ND		137	
12VFT16	12021 LEVEL 3- RM 3013-B- SE	BLUE 12"X12" BLUE W/ GREY SPECKS	PLM	NON-ACM	ND		138	
FTM16	12021 LEVEL 3- RM 3013-B- SE	BLACK MASTIC	PLM	NON-ACM	ND		139	
12VFT16	12021 LEVEL 3- RM 3007-B N	BLUE 12"X12" BLUE W/ GREY SPECKS	PLM	NON-ACM	ND		140	
FTM16	12021 LEVEL 3 RM 3007-B N	BLACK MASTIC	PLM	NON-ACM	ND		141	
VSF3	12021 LEVEL 3 RM 3118 NW	BLACK / GREY VINYL SHEET FLOORING STONE PATTERN	PLM	NON-ACM	ND		142	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-MASTIC 1	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-LEVELING COMPOUND 1	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-MASTIC 2	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-LEVELING COMPOUND 2	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-CEMENTITIOUS MATERIAL	
VSF3	12021 LEVEL 3 RM 3120 NW	BLACK / GREY VINYL SHEET FLOORING STONE PATTERN	PLM	NON-ACM	ND		144	
VSFM3	12021 LEVEL 3 RM 3120 NW	ORANGE MASTIC	PLM	NON-ACM	ND		145-MASTIC	
VSFM3	12021 LEVEL 3 RM 3120 NW	ORANGE MASTIC	PLM	NON-ACM	ND		145-LEVELING COMPOUND	
VSF3	12021 LEVEL 3 RM 3121 SE	BLACK / GREY VINYL SHEET FLOORING STONE PATTERN	PLM	NON-ACM	ND		146	
VSFM3	12021 LEVEL 3 RM 3121 SE	ORANGE MASTIC	PLM	NON-ACM	ND		147-MASTIC	
VSFM3	12021 LEVEL 3 RM 3121 SE	ORANGE MASTIC	PLM	NON-ACM	ND		147-LEVELING COMPOUND	
MICS3	**12021 LEVEL 3 RM 3095 SE**	**BEIGE/ GREY TRANSITE A/W FUMEHOOD**	**PLM**	ACM	20	**CHRYSOTILE**	**148**	
WSR2	12021 LEVEL 3 RM 3079 CENTER	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		149	
WJC2	12021 LEVEL 3 RM 3079 CENTER	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		150	
WSR2	12021 LEVEL 3 RM 3079-B N	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM		NOT ANALYZED		151	
WJC2	12021 LEVEL 3 RM 3079-B N	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		152	
WSR2	12021 LEVEL 3 RM 3079 E	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		153	
WJC2	12021 LEVEL 3 RM 3079 E	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		154	
PPM1	12021 - ROOF - NW	BLACK - PITCH POCKET MASTIC	PLM	NON-ACM	ND		155	
PPM1	12021 - ROOF - SE	BLACK - PITCH POCKET MASTIC	PLM	NON-ACM	ND		156	
PPM1	12021 - ROOF - CENTER	BLACK - PITCH POCKET MASTIC	PLM	NON-ACM	ND		157	
MISC10	12021 - ROOF - SE	BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		158	
MISC10	12021 - ROOF - CENTER-+W	BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		159	
MISC10	12021 - ROOF - NW	BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		160	
MISC11	12021 - ROOF - MECH. PENTHOUSE NO. 7 - S	FADED BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		161	
MISC11	12021 - ROOF - MECH. PENTHOUSE NO. 7 - S	FADED BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		162	
MISC11	12021 - ROOF - MECH. PENTHOUSE NO. 46 - E	FADED BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		163	
MISC12	**12021 - ROOF - MECH. PENTHOUSE NO. 7 - S**	**FADED BLACK - FLASHING MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**164**	
MISC12	**12021 - ROOF - MECH. PENTHOUSE NO. 08-09 - E**	**WHITE - PIPE SEALANT AT TERMINATED TSI LINES**	**PLM**	ACM	8	**CHRYSOTILE**	**165**	

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MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
MISC12	**12021 - ROOF - MECH. PENTHOUSE NO. 08-09 - W**	**WHITE - PIPE SEALANT AT TERMINATED TSI LINES**	**PLM**	ACM	8	**CHRYSOTILE**	**166**	
MISC12	**12021 - ROOF - MECH. PENTHOUSE NO. 01302 W**	**WHITE - PIPE SEALANT AT TERMINATED TSI LINES**	**PLM**	ACM	8	**CHRYSOTILE**	**167-SEALANT**	
MISC12	12021 - ROOF - MECH. PENTHOUSE NO. 01302 W	WHITE - PIPE SEALANT AT TERMINATED TSI LINES	PLM	NON-ACM	ND		167-INSULATION	
MISC12	**12021 - ROOF - MECH. PENTHOUSE 08-09 - S**	**WHITE - PIPE SEALANT AT TERMINATED TSI LINES**	**PLM**	ACM	8	**CHRYSOTILE**	**168**	
MISC13	12021 - ROOF - MECH. PENTHOUSE NO. 7 CENTER	BRIGHT WHITE - PIPE SEALANT AT TERMINATED TSI LINES	PLM	NON-ACM	ND		169	
12VFT34	12021 - 3 - RM 3054 W	BLUE-GREY - 12X12X FLOORTILE W/SPECKS	PLM	NON-ACM	ND		170	
FTM34	12021 - 3 - RM 3054 W	BLACK - MASTIC	PLM	NON-ACM	ND		171	
12VFT34	12021 - 3 - RM 3054 SE	BLUE-GREY - 12X12X FLOORTILE W/SPECKS	PLM	NON-ACM	ND		172	
FTM34	12021 - 3 - RM 3054 SE	BLACK - MASTIC	PLM	NON-ACM	ND		173	
12VFT34	12021 - 3 - RM 3054 NE	BLUE-GREY - 12X12X FLOORTILE W/SPECKS	PLM	NON-ACM	ND		174	
FTM34	12021 - 3 - RM 3054 NE	BLACK - MASTIC	PLM	NON-ACM	ND		175	
12VFT20	12021 - 1 - 1036 S	LIGHT GREEN - 12X12 FLOORTILE	PLM	NON-ACM	ND		176	
FTM20	**12021 - 1 - 1036 S**	**BLACK - MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**177-MASTIC**	
FTM20	12021 - 1 - 1036 S	BLACK - MASTIC	PLM	NON-ACM	ND		177-LEVELING COMPOUND	

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Appendix D
Table 2.0 - Summary by Material

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TABLE 2.0 - SUMMRY BY MATERIAL
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
MISC13	12021 - ROOF - MECH. PENTHOUSE NO. 7 CENTER	BRIGHT WHITE - PIPE SEALANT AT TERMINATED TSI LINES	PLM	NON-ACM	ND		169	
12VFT1	**12021 LEVEL 1- RM 1051 NW UNDERNEATH 12VFT14**	**TAN/ BROWN 12"X12" FLOOR TILE SPECKLED**	**PLM**	ACM	5	**CHRYSOTILE**	**64**	
12VFT10	12021 LEVEL 1- RM 1136 NW	LIGHT BLUE-GRAY-12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		34	
12VFT10	12021 LEVEL 1- RM 1136 W	LIGHT BLUE-GRAY-12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		36	
12VFT10	12021 LEVEL 1- RM 1136 SE	LIGHT BLUE-GRAY-12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		38	
12VFT10	12021 LEVEL 1- RM 1021 NE	LIGHT BLUE-GRAY-12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		40	
12VFT11	12021 LEVEL 1- RM 1153 SW	PEACH 12"X12" FLOOR TILE	PLM	NON-ACM	ND		42	
12VFT11	12021 LEVEL 1- RM 1023 SW	PEACH 12"X12" FLOOR TILE	PLM	NON-ACM	ND		44	
12VFT11	12021 LEVEL 1- RM 1118 NW	PEACH 12"X12" FLOOR TILE	PLM	NON-ACM	ND		46	
12VFT11	12021 LEVEL 1- RM 1072 SW	PEACH 12"X12" FLOOR TILE	PLM	NON-ACM	ND		48	
12VFT12	12021 LEVEL 1- RM 1206 SW	PINK 12"X12" FLOOR TILE W/ BEIGE SPECKS	PLM	NON-ACM	ND		50	
12VFT12	12021 LEVEL 1- RM 1206 NE	PINK 12"X12" FLOOR TILE W/ BEIGE SPECKS	PLM	NON-ACM	ND		52	
12VFT12	12021 LEVEL 1- RM 1206 SW	PINK 12"X12" FLOOR TILE W/ BEIGE SPECKS	PLM	NON-ACM	ND		54	
12VFT13	12021 LEVEL 1- RM 1055 SW	OLIVE 12X12 FLOOR TILE W/ STREAKS	PLM	NON-ACM	ND		56	
12VFT13	12021 LEVEL 1- RM 1075 SE	OLIVE 12X12 FLOOR TILE W/ STREAKS	PLM	NON-ACM	ND		58	
12VFT13	12021 LEVEL 1- RM 1075 NW	OLIVE 12X12 FLOOR TILE W/ STREAKS	PLM	NON-ACM	ND		60	
12VFT14	12021 LEVEL 1- RM 1051 NW	WHITE 12X12 FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		62	
12VFT14	12021 LEVEL 1- RM 1051 NE	WHITE 12X12 FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		66	
12VFT14	12021 LEVEL 1- RM 1002 SE	WHITE 12X12 FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		68	
12VFT16	12021 LEVEL 1- RM 1210 NW	BLUE 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		70	
12VFT16	12021 LEVEL 1- RM 1210 NE	BLUE 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		72	
12VFT16	12021 LEVEL 1- RM 1204 NE	BLUE 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		74	
12VFT16	12021 LEVEL 1- NE ELEVATOR E	BLUE 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		76	
12VFT16	12021 LEVEL 3- RM 3013-B- NE	BLUE 12"X12" BLUE W/ GREY SPECKS	PLM	NON-ACM	ND		136	
12VFT16	12021 LEVEL 3- RM 3013-B- SE	BLUE 12"X12" BLUE W/ GREY SPECKS	PLM	NON-ACM	ND		138	
12VFT16	12021 LEVEL 3- RM 3007-B N	BLUE 12"X12" BLUE W/ GREY SPECKS	PLM	NON-ACM	ND		140	
12VFT2	12021 LEVEL 1 - RM 1157- NW	GREY 12X12" FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		08	
12VFT2	12021 LEVEL 1 - RM 1157-SW	GREY 12X12" FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		10	
12VFT2	12021 LEVEL 1 - RM 1157-SE	GREY 12X12" FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		12	
12VFT20	12021 LEVEL 1- RM 1197 UNDERNEATH 12VFT21 SW	LIGHT GREEN 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		82	
12VFT20	**12021 LEVEL 1- RM 1181 UNDERNEATH 12VFT21 S**	**LIGHT GREEN 12X12 FLOOR TILE DARK GREEN SPECKS**	**PLM**	ACM	3	**CHRYSOTILE**	**86**	
12VFT20	12021 LEVEL 1- RM 1191 UNDERNEATH 12VFT21 NW	LIGHT GREEN 12X12 FLOOR TILE DARK GREEN SPECKS	PLM	NON-ACM	ND		90-LEVELING COMPOUND	
12VFT20	12021 - 1 - 1036 S	LIGHT GREEN - 12X12 FLOORTILE	PLM	NON-ACM	ND		176	
12VFT21	12021 LEVEL 1- RM 1197 SW	DARK GREEN 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		80	
12VFT21	12021 LEVEL 1- RM 1181 S	DARK GREEN 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		84-FLOOR TILE 1	
12VFT21	**12021 LEVEL 1- RM 1181 S**	**DARK GREEN 12X12 FLOOR TILE W/ WHITE SPECKS**	**PLM**	ACM	5	**CHRYSOTILE**	**84-FLOOR TILE 2**	
12VFT21	12021 LEVEL 1- RM 1191 NW	DARK GREEN 12X12 FLOOR TILE W/ WHITE SPECKS	PLM	NON-ACM	ND		88	
12VFT22	12021 LEVEL 1- RM 1054 SE	LIGHT PINK 12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		92	
12VFT22	12021 LEVEL 1- RM 1085 SW	LIGHT PINK 12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		94	
12VFT22	12021 LEVEL 1- RM 1085-A SW	LIGHT PINK 12X12 FLOOR TILE W/ WHITE STREAKS	PLM	NON-ACM	ND		96	
12VFT26	12021 LEVEL 3- RM 30095-C E	LIGHT GREY 12"X12" LIGHT GREY W/ GREY SPECKS	PLM	NON-ACM	ND		130	

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TABLE 2.0 - SUMMRY BY MATERIAL
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
12VFT26	12021 LEVEL 3- RM 30084 SE	LIGHT GREY 12"X12" LIGHT GREY W/ GREY SPECKS	PLM	NON-ACM	ND		132	
12VFT26	12021 LEVEL 3- RM 30057 -S	LIGHT GREY 12"X12" LIGHT GREY W/ GREY SPECKS	PLM	NON-ACM	ND		134	
12VFT3	**12021 LEVEL 1 - RM 1159-NW**	**LIGHT TAN 12"X12" FLOOR TILE W/ BROWN SPECKLED**	**PLM**	ACM	5	**CHRYSOTILE**	**14**	
12VFT3	**12021 LEVEL 1- RM1150 NE**	**LIGHT TAN 12"X12" FLOOR TILE W/ BROWN SPECKLED**	**PLM**	ACM	5	**CHRYSOTILE**	**16**	
12VFT3	**12021 LEVEL 1- RM 1146 NE**	**LIGHT TAN 12"X12" FLOOR TILE W/ BROWN SPECKLED**	**PLM**	ACM	3	**CHRYSOTILE**	**18**	
12VFT32	12021 LEVEL 2- RM 2058 SW	BLUE 12"X12" W WHITE & BLUE SPECKS	PLM	NON-ACM	ND		116	
12VFT32	12021 LEVEL 2- RM 2083 NW	BLUE 12"X12" W WHITE & BLUE SPECKS	PLM	NON-ACM	ND		118	
12VFT32	12021 LEVEL 2- RM 2093 NW	BLUE 12"X12" W WHITE & BLUE SPECKS	PLM	NON-ACM	ND		120	
12VFT33	**12021 LEVEL 2- RM 2103 SW**	**LIGHT TAN 12"X12" LIGHT TAN WITH WHITE SPECKS**	**PLM**	ACM	5	**CHRYSOTILE**	**122**	
12VFT33	**12021 LEVEL 2- RM 2103 SE**	**LIGHT TAN 12"X12" LIGHT TAN WITH WHITE SPECKS**	**PLM**	ACM	5	**CHRYSOTILE**	**124**	
12VFT33	**12021 LEVEL 2- RM 2196-A SW**	**LIGHT TAN 12"X12" LIGHT TAN WITH WHITE SPECKS**	**PLM**	ACM	3	**CHRYSOTILE**	**126**	
12VFT34	12021 - 3 - RM 3054 W	BLUE-GREY - 12X12X FLOORTILE W/SPECKS	PLM	NON-ACM	ND		170	
12VFT34	12021 - 3 - RM 3054 SE	BLUE-GREY - 12X12X FLOORTILE W/SPECKS	PLM	NON-ACM	ND		172	
12VFT34	12021 - 3 - RM 3054 NE	BLUE-GREY - 12X12X FLOORTILE W/SPECKS	PLM	NON-ACM	ND		174	
12VFT4	12021 LEVEL 3- RM 3004-A W	BROWN 12"X12" BROWN MOLTED PATTERN	PLM	NON-ACM	ND		128	
12VFT6	12021 LEVEL 1- RM 1147 NW	LIGHT BLUE 12"X12" FLOOR TILE W/ WHITE SPECKLED	PLM	NON-ACM	ND		20	
12VFT6	12021 LEVEL 1- RM 1147 SW	LIGHT BLUE 12"X12" FLOOR TILE W/ WHITE SPECKLED	PLM	NON-ACM	ND		22	
12VFT6	12021 LEVEL 1- RM 1147 SE	LIGHT BLUE 12"X12" FLOOR TILE W/ WHITE SPECKLED	PLM	NON-ACM	ND		24	
12VFT8	12021 LEVEL 1- RM 1026 NE	PEACH 12"X12" FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		26	
12VFT8	12021 LEVEL 1- RM 1138 SE	PEACH 12"X12" FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		28	
12VFT8	12021 LEVEL 1- RM 1138 W	PEACH 12"X12" FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		30	
12VFT8	12021 LEVEL 1- RM 1138 NE	PEACH 12"X12" FLOOR TILE W/ BLUE SPECKS	PLM	NON-ACM	ND		32	
FTM1	12021 LEVEL 1- RM 1051 NW UNDERNEATH 12VFT14	BLACK MASTIC	PLM	NON-ACM	ND		65-MASTIC/LEVELING COMPOUND-TOP	
FTM1	**12021 LEVEL 1- RM 1051 NW UNDERNEATH 12VFT14**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**65-MASTIC-BOTTOM**	
FTM10	12021 LEVEL 1- RM 1136 NW	ORANGE MASTIC	PLM	NON-ACM	ND		35	
FTM10	12021 LEVEL 1- RM 1136 W	ORANGE MASTIC	PLM	NON-ACM	ND		37	
FTM10	12021 LEVEL 1- RM 1136 SE	ORANGE MASTIC	PLM	NON-ACM	ND		39	
FTM10	12021 LEVEL 1- RM 1021 NE	ORANGE MASTIC	PLM	NON-ACM	ND		FTM10-41-MASTIC/LEVELING COMPOUND	
FTM11	12021 LEVEL 1- RM 1153 SW	ORANGE MASTIC	PLM	NON-ACM	ND		43	
FTM11	12021 LEVEL 1- RM 1023 SW	ORANGE MASTIC	PLM	NON-ACM	ND		45	
FTM11	12021 LEVEL 1- RM 1118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		47	
FTM11	12021 LEVEL 1- RM 1072 SW	ORANGE MASTIC	PLM	NON-ACM	ND		49	
FTM12	12021 LEVEL 1- RM 1206 SW	ORANGE MASTIC	PLM	NON-ACM	ND		51	
FTM12	12021 LEVEL 1- RM 1206 NE	ORANGE MASTIC	PLM	NON-ACM	ND		53	
FTM12	12021 LEVEL 1- RM 1206 SW	ORANGE MASTIC	PLM	NON-ACM	ND		55	
FTM13	12021 LEVEL 1- RM 1055 SW	ORANGE MASTIC	PLM	NON-ACM	ND		57-MASTIC	
FTM13	12021 LEVEL 1- RM 1055 SW	ORANGE MASTIC	PLM	NON-ACM	ND		57-LEVELING COMPOUND	
FTM13	12021 LEVEL 1- RM 1075 SE	ORANGE MASTIC	PLM	NON-ACM	ND		59	
FTM13	12021 LEVEL 1- RM 1075 NW	ORANGE MASTIC	PLM	NON-ACM	ND		61	
FTM14	12021 LEVEL 1- RM 1051 NW	ORANGE MASTIC	PLM	NON-ACM	ND		63	
FTM14	12021 LEVEL 1- RM 1051 NE	ORANGE MASTIC	PLM	NON-ACM	ND		67-MASTIC	

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TABLE 2.0 - SUMMRY BY MATERIAL
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
FTM14	12021 LEVEL 1- RM 1051 NE	ORANGE MASTIC	PLM	NON-ACM	ND		67-LEVELING COMPOUND	
FTM14	12021 LEVEL 1- RM 1002 SE	ORANGE MASTIC	PLM	NON-ACM	ND		69	
FTM16	**12021 LEVEL 1- RM 1210 NW**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**71**	
FTM16	**12021 LEVEL 1- RM 1210 NE**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**73**	
FTM16	**12021 LEVEL 1- RM 1204 NE**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**75**	
FTM16	12021 LEVEL 1- NE ELEVATOR E	ORANGE MASTIC	PLM	NON-ACM	ND		77	
FTM16	12021 LEVEL 3- RM 3013-B- NE	BLACK MASTIC	PLM	NON-ACM	ND		137	
FTM16	12021 LEVEL 3- RM 3013-B- SE	BLACK MASTIC	PLM	NON-ACM	ND		139	
FTM16	12021 LEVEL 3 RM 3007-B N	BLACK MASTIC	PLM	NON-ACM	ND		141	
FTM2	12021 LEVEL 1 - RM 1157-NW	ORANGE MASTIC	PLM	NON-ACM	ND		FTM2-09	
FTM2	12021 LEVEL 1 - RM 1157-NW	ORANGE MASTIC	PLM	NON-ACM	ND		FTM2-09-CEMENTITIOUS MATERIAL	
FTM2	12021 LEVEL 1 - RM 1157-SW	ORANGE MASTIC	PLM	NON-ACM	ND		11	
FTM2	12021 LEVEL 1 - RM 1157-SE	ORANGE MASTIC	PLM	NON-ACM	ND		13	
FTM20	12021 LEVEL 1- RM 1197 UNDERNEATH 12VFT21 SW	BLACK MASTIC	PLM	NON-ACM	ND		83-MASTIC/LEVELING COMPOUND-TOP	
FTM20	**12021 LEVEL 1- RM 1197 UNDERNEATH 12VFT21 SW**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**83-MASTIC-BOTTOM**	
FTM20	12021 LEVEL 1- RM 1181 UNDERNEATH 12VFT21 S	ORANGE MASTIC	PLM	NON-ACM	ND		87-MASTIC-1	
FTM20	**12021 LEVEL 1- RM 1181 UNDERNEATH 12VFT21 S**	**ORANGE MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**87-MASTIC-2**	
FTM20	12021 LEVEL 1- RM 1181 UNDERNEATH 12VFT21 S	ORANGE MASTIC	PLM	NON-ACM	ND		87-LEVELING COMPOUND	
FTM20	12021 LEVEL 1- RM 1191 UNDERNEATH 12VFT21 NW	ORANGE MASTIC	PLM	NON-ACM	ND		91-MASTIC 1	
FTM20	**12021 LEVEL 1- RM 1191 UNDERNEATH 12VFT21 NW**	**ORANGE MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**91-MASTIC 2**	
FTM20	**12021 - 1 - 1036 S**	**BLACK - MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**177-MASTIC**	
FTM20	12021 - 1 - 1036 S	BLACK - MASTIC	PLM	NON-ACM	ND		177-LEVELING COMPOUND	
FTM21	12021 LEVEL 1- RM 1197 SW	BLACK MASTIC	PLM	NON-ACM	ND		81-MASTIC	
FTM21	12021 LEVEL 1- RM 1197 SW	BLACK MASTIC	PLM	NON-ACM	ND		81-FLOOR TILE DEBRIS	
FTM21	12021 LEVEL 1- RM 1181 S	ORANGE MASTIC	PLM	NON-ACM	ND		85-MASTIC 1	
FTM21	12021 LEVEL 1- RM 1181 S	ORANGE MASTIC	PLM	NON-ACM	ND		85-LEVELING COMPOUND	
FTM21	**12021 LEVEL 1- RM 1181 S**	**ORANGE MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**85-MASTIC 2**	
FTM21	12021 LEVEL 1- RM 1191 NW	ORANGE MASTIC	PLM	NON-ACM	ND		89-MASTIC-1	
FTM21	**12021 LEVEL 1- RM 1191 NW**	**ORANGE MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**89-MASTIC-2**	
FTM21	12021 LEVEL 1- RM 1191 NW	ORANGE MASTIC	PLM	NON-ACM	ND		89-LEVELING COMPOUND	
FTM22	**12021 LEVEL 1- RM 1054 SE**	**BLACK MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**93**	
FTM22	12021 LEVEL 1- RM 1085 SW	BLACK MASTIC	PLM	NON-ACM	ND		95-MASTIC 1	
FTM22	**12021 LEVEL 1- RM 1085 SW**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**95-MASTIC 2**	
FTM22	**12021 LEVEL 1- RM 1085-A SW**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**97-MASTIC-1**	
FTM22	12021 LEVEL 1- RM 1085-A SW	BLACK MASTIC	PLM	NON-ACM	ND		97-MASTIC-2	
FTM26	**12021 LEVEL 3- RM 30095-C E**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**131**	
FTM26	**12021 LEVEL 3- RM 30084 SE**	**BLACK MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**133**	
FTM26	**12021 LEVEL 3- RM 30057 -S**	**BLACK MASTIC**	**PLM**	ACM	5	**CHRYSOTILE**	**135**	
FTM3	**12021 LEVEL 1- RM 1159 NW**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**15**	
FTM3	12021 LEVEL 1- RM 1150 NE	BLACK MASTIC	PLM	NON-ACM	ND		FTM3-17-MASTIC-TOP	
FTM3	**12021 LEVEL 1- RM 1150 NE**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**FTM3-17-MASTIC-BOTTOM**	

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AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
FTM3	**12021 LEVEL 1- RM 1146 NE**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**19**	
FTM32	12021 LEVEL 2- RM 2058 SW	ORANGE MASTIC	PLM	NON-ACM	ND		117	
FTM32	12021 LEVEL 2- RM 2083 NW	ORANGE MASTIC	PLM	NON-ACM	ND		119	
FTM32	12021 LEVEL 2- RM 2093 NW	ORANGE MASTIC	PLM	NON-ACM	ND		121	
FTM33	12021 LEVEL 2- RM 2103 SW	BLACK MASTIC	PLM	NON-ACM	ND		123-MASTIC/LEVELING COMPOUND-TOP	
FTM33	**12021 LEVEL 2- RM 2103 SW**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**123-MASTIC-BOTTOM**	
FTM33	**12021 LEVEL 2- RM 2103 SE**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**125**	
FTM33	**12021 LEVEL 2- RM 2196-A SW**	**BLACK MASTIC**	**PLM**	ACM	10	**CHRYSOTILE**	**127**	
FTM34	12021 - 3 - RM 3054 W	BLACK - MASTIC	PLM	NON-ACM	ND		171	
FTM34	12021 - 3 - RM 3054 SE	BLACK - MASTIC	PLM	NON-ACM	ND		173	
FTM34	12021 - 3 - RM 3054 NE	BLACK - MASTIC	PLM	NON-ACM	ND		175	
FTM4	12021 LEVEL 3- RM 3004-A W	BLACK MASTIC	PLM	NON-ACM	ND		129	
FTM6	12021 LEVEL 1- RM 1147 NW	GREY MASTIC	PLM	NON-ACM	ND		21	
FTM6	12021 LEVEL 1- RM 1147 SW	GREY MASTIC	PLM	NON-ACM	ND		23	
FTM6	12021 LEVEL 1- RM 1147 SE	GREY MASTIC	PLM	NON-ACM	ND		25	
FTM8	12021 LEVEL 1- RM 1026 NE	GREY MASTIC	PLM	NON-ACM	ND		FTM8-27-MASTIC 1/LEVELING COMPOUND	
FTM8	12021 LEVEL 1- RM 1026 NE	GREY MASTIC	PLM	NON-ACM	ND		FTM8-27-MASTIC 2	
FTM8	12021 LEVEL 1- RM 1138 SE	GREY MASTIC	PLM	NON-ACM	ND		29	
FTM8	12021 LEVEL 1- RM 1138 W	GREY MASTIC	PLM	NON-ACM	ND		31	
FTM8	12021 LEVEL 1- RM 1138 NE	GREY MASTIC	PLM	NON-ACM	ND		33	
MICS3	**12021 LEVEL 3 RM 3095 SE**	**BEIGE/ GREY TRANSITE A/W FUMEHOOD**	**PLM**	ACM	20	**CHRYSOTILE**	**148**	
MISC1	12021 LEVEL 1 - RM 1221- SW	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		01	
MISC1	12021 LEVEL 1 - RM 1221-SE	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		02	
MISC1	12021 LEVEL 1 - RM 1221-W	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		03	
MISC1	12021 LEVEL 1 - RM 1221-NW	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		04	
MISC1	12021 LEVEL 1 - RM 1221-N	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		05	
MISC1	12021 LEVEL 1 - RM 1221-NE	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		06	
MISC1	12021 LEVEL 1 - RM 1221-E	BIEGE SAND PLASTER WALL TEXTURE	PLM	NON-ACM	ND		07	
MISC10	12021 - ROOF - SE	BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		158	
MISC10	12021 - ROOF - CENTER-+W	BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		159	
MISC10	12021 - ROOF - NW	BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		160	
MISC11	12021 - ROOF - MECH. PENTHOUSE NO. 7 - S	FADED BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		161	
MISC11	12021 - ROOF - MECH. PENTHOUSE NO. 7 - S	FADED BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		162	
MISC11	12021 - ROOF - MECH. PENTHOUSE NO. 46 - E	FADED BLACK - FLASHING MASTIC	PLM	NON-ACM	ND		163	
MISC12	**12021 - ROOF - MECH. PENTHOUSE NO. 7 - S**	**FADED BLACK - FLASHING MASTIC**	**PLM**	ACM	8	**CHRYSOTILE**	**164**	
MISC12	**12021 - ROOF - MECH. PENTHOUSE NO. 08-09 - E**	**WHITE - PIPE SEALANT AT TERMINATED TSI LINES**	**PLM**	ACM	8	**CHRYSOTILE**	**165**	
MISC12	**12021 - ROOF - MECH. PENTHOUSE NO. 08-09 - W**	**WHITE - PIPE SEALANT AT TERMINATED TSI LINES**	**PLM**	ACM	8	**CHRYSOTILE**	**166**	
MISC12	**12021 - ROOF - MECH. PENTHOUSE NO. 01302 W**	**WHITE - PIPE SEALANT AT TERMINATED TSI LINES**	**PLM**	ACM	8	**CHRYSOTILE**	**167-SEALANT**	
MISC12	12021 - ROOF - MECH. PENTHOUSE NO. 01302 W	WHITE - PIPE SEALANT AT TERMINATED TSI LINES	PLM	NON-ACM	ND		167-INSULATION	
MISC12	**12021 - ROOF - MECH. PENTHOUSE 08-09 - S**	**WHITE - PIPE SEALANT AT TERMINATED TSI LINES**	**PLM**	ACM	8	**CHRYSOTILE**	**168**	
MISC2	**12021 LEVEL 1- HALLWAY OUTSIDE RM 1009 UNDERNEATH 12VFT7**	**BLACK RESIDUAL BLACK MASTIC**	**PLM**	ACM	7	**CHRYSOTILE**	**98**	

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TABLE 2.0 - SUMMRY BY MATERIAL
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
MISC2	12021 LEVEL 1- RM 1137 UNDERNEATH 12VFT7	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		99-FLOOR TILE	
MISC2	**12021 LEVEL 1- RM 1137 UNDERNEATH 12VFT7**	**WHITE DRYWALL W /JOINT COMPOUND**	**PLM**	ACM	7	**CHRYSOTILE**	**99-MASTIC**	
PPM1	12021 - ROOF - NW	BLACK - PITCH POCKET MASTIC	PLM	NON-ACM	ND		155	
PPM1	12021 - ROOF - SE	BLACK - PITCH POCKET MASTIC	PLM	NON-ACM	ND		156	
PPM1	12021 - ROOF - CENTER	BLACK - PITCH POCKET MASTIC	PLM	NON-ACM	ND		157	
VSF1	12021 LEVEL 1- NE ELEVATOR UNDERNEATH 12VFT16 E	TAN VINYL SHEET FLOORING TAN W/ PEBBLES PATTERN	PLM	NON-ACM	ND		78	
VSF2	12021 LEVEL 2- RM 2056-C SE	PALE BLUE VINYL SHEET FLOORING	PLM	NON-ACM	ND		110	
VSF2	12021 LEVEL 2- RM 2056-C S	PALE BLUE VINYL SHEET FLOORING	PLM	NON-ACM	ND		112	
VSF2	12021 LEVEL 2- RM 2056-C NW	PALE BLUE VINYL SHEET FLOORING	PLM	NON-ACM	ND		114	
VSF3	12021 LEVEL 3 RM 3118 NW	BLACK / GREY VINYL SHEET FLOORING STONE PATTERN	PLM	NON-ACM	ND		142	
VSF3	12021 LEVEL 3 RM 3120 NW	BLACK / GREY VINYL SHEET FLOORING STONE PATTERN	PLM	NON-ACM	ND		144	
VSF3	12021 LEVEL 3 RM 3121 SE	BLACK / GREY VINYL SHEET FLOORING STONE PATTERN	PLM	NON-ACM	ND		146	
VSFM1	12021 LEVEL 1- NE ELEVATOR UNDERNEATH 12VFT16 E	LIGHT GREY MASTIC	PLM	NON-ACM	ND		79-MASTIC-TOP	
VSFM1	12021 LEVEL 1- NE ELEVATOR UNDERNEATH 12VFT16 E	LIGHT GREY MASTIC	PLM	NON-ACM	ND		79-MASTIC-BOTTOM	
VSFM1	12021 LEVEL 1- NE ELEVATOR UNDERNEATH 12VFT16 E	LIGHT GREY MASTIC	PLM	NON-ACM	ND		79-WOOD FLOORING	
VSFM2	12021 LEVEL 2- RM 2056-C SE	GREY MASTIC	PLM	NON-ACM	ND		111-MASTIC/LEVELING COMPOUND	
VSFM2	12021 LEVEL 2- RM 2056-C S	GREY MASTIC	PLM	NON-ACM	ND		113-MASTIC/LEVELING COMPOUND	
VSFM2	12021 LEVEL 2- RM 2056-C NW	GREY MASTIC	PLM	NON-ACM	ND		115-MASTIC	
VSFM2	12021 LEVEL 2- RM 2056-C NW	GREY MASTIC	PLM	NON-ACM	ND		115-LEVELING COMPOUND	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-MASTIC 1	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-LEVELING COMPOUND 1	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-MASTIC 2	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-LEVELING COMPOUND 2	
VSFM3	12021 LEVEL 3 RM 3118 NW	ORANGE MASTIC	PLM	NON-ACM	ND		143-CEMENTITIOUS MATERIAL	
VSFM3	12021 LEVEL 3 RM 3120 NW	ORANGE MASTIC	PLM	NON-ACM	ND		145-MASTIC	
VSFM3	12021 LEVEL 3 RM 3120 NW	ORANGE MASTIC	PLM	NON-ACM	ND		145-LEVELING COMPOUND	
VSFM3	12021 LEVEL 3 RM 3121 SE	ORANGE MASTIC	PLM	NON-ACM	ND		147-MASTIC	
VSFM3	12021 LEVEL 3 RM 3121 SE	ORANGE MASTIC	PLM	NON-ACM	ND		147-LEVELING COMPOUND	
WJC1	12021 LEVEL 2- RM 2056 KITCHEN S	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		101	
WJC1	12021 LEVEL 2- RM 2056 KITCHEN NE	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		103	
WJC1	12021 LEVEL 2- RM 2056 KITCHEN NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		105	
WJC1	12021 LEVEL 2- RM 2056 KITCHEN W	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		107	
WJC1	12021 LEVEL 2- RM 2056-E NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		109	
WJC2	12021 LEVEL 3 RM 3079 CENTER	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		150	
WJC2	12021 LEVEL 3 RM 3079-B N	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		152	
WJC2	12021 LEVEL 3 RM 3079 E	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		154	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN S	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		100	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN NE	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		102	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		104-SKIM COAT	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		104-PLASTER	
WSR1	12021 LEVEL 2- RM 2056 KITCHEN W	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		106	

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TABLE 2.0 - SUMMRY BY MATERIAL
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

MATERIAL TYPE	SAMPLE ARE/LOCATION	MATERIAL DESCRIPTION	TEST	CLASSIFICATION	ASBESTOS CONTENT	ASBESTOS TYPE	CLIENT NO.	NOTES
WSR1	12021 LEVEL 2- RM 2056-E NW	WHITE DRYWALL W /JOINT COMPOUND	PLM	NON-ACM	ND		108	
WSR2	12021 LEVEL 3 RM 3079 CENTER	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		149	
WSR2	12021 LEVEL 3 RM 3079-B N	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM		NOT ANALYZED		151	
WSR2	12021 LEVEL 3 RM 3079 E	WHITE DRYWALL WALL W/ JOINT COMPOUND	PLM	NON-ACM	ND		153	

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix E
Asbestos Laboratory Results

LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order:	321904251
Customer ID:	32CITA50D
Customer PO:	
Project ID:	

Attention:	Kier Deleo	**Phone:**	(714) 547-4301
	Citadel Environmental Services	**Fax:**	(714) 547-4647
	151 Kalmus Drive	**Received Date:**	02/15/2019 8:00 AM
	Suite F-4	**Analysis Date:**	02/21/2019 - 02/22/2019
	Costa Mesa, CA 92626	**Collected Date:**	02/06/2019
Project:	0018.1069.0-Survey: Augustus F. Hawking Building		

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MISC1-01 *321904251-0001*	12021 Level 1 - Rm 1221- SW - Biege Sand Plaster Wall Texture	Gray/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
MISC1-02 *321904251-0002*	12021 Level 1 - Rm 1221-SE - Biege Sand Plaster Wall Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MISC1-03 *321904251-0003*	12021 Level 1 - Rm 1221-W - Biege Sand Plaster Wall Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MISC1-04 *321904251-0004*	12021 Level 1 - Rm 1221-NW - Biege Sand Plaster Wall Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MISC1-05 *321904251-0005*	12021 Level 1 - Rm 1221-N - Biege Sand Plaster Wall Texture	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MISC1-06 *321904251-0006*	12021 Level 1 - Rm 1221-NE - Biege Sand Plaster Wall Texture	Pink/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
MISC1-07 *321904251-0007*	12021 Level 1 - Rm 1221-E - Biege Sand Plaster Wall Texture	Gray/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
12VFT2-08 *321904251-0008* *Bag labelled 01*	12021 Level 1 - Rm 1157- NW - Grey 12x12" Floor Tile W/ White Streaks	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM2-09 *321904251-0009* *Bag labelled 02*	12021 Level 1 - Rm 1157-NW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM2-09-Cementitious Material *321904251-0009A* *Bag labelled 02*	12021 Level 1 - Rm 1157-NW - Orange Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT2-10 *321904251-0010* *Bag labelled 03*	12021 Level 1 - Rm 1157-SW - Grey 12x12" Floor Tile W/ White Streaks	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM2-11 *321904251-0011* *Bag labelled 04*	12021 Level 1 - Rm 1157-SW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 02/22/2019 09:51:08

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321904251
Customer ID: 32CITA50D
Customer PO:
Project ID:

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
12VFT2-12 *321904251-0012* *Bag labelled 05*	12021 Level 1 - Rm 1157-SE - Grey 12x12" Floor Tile W/ White Streaks	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM2-13 *321904251-0013* *Bag labelled 06*	12021 Level 1 - Rm 1157-SE - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT3-14 *321904251-0014*	12021 Level 1 - Rm 1159-NW - Light Tan 12"x12" Floor Tile W/ Brown Speckled	Tan Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
FTM3-15 *321904251-0015*	12021 Level 1- Rm 1159 NW - Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
12VFT3-16 *321904251-0016*	12021 Level 1- Rm1150 NE - Light Tan 12"x12" Floor Tile W/ Brown Speckled	Tan Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
FTM3-17-Mastic-Top *321904251-0017*	12021 Level 1- Rm 1150 NE - Black Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM3-17-Mastic-Bottom *321904251-0017A*	12021 Level 1- Rm 1150 NE - Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
12VFT3-18 *321904251-0018*	12021 Level 1- Rm 1146 NE - Light Tan 12"x12" Floor Tile W/ Brown Speckled	Tan Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
FTM3-19 *321904251-0019*	12021 Level 1- Rm 1146 NE - Black mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
12VFT6-20 *321904251-0020*	12021 Level 1- Rm 1147 NW - Light Blue 12"x12" Floor Tile W/ White Speckled	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM6-21 *321904251-0021*	12021 Level 1- Rm 1147 NW - Grey Mastic	Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT6-22 *321904251-0022*	12021 Level 1- Rm 1147 SW - Light Blue 12"x12" Floor Tile W/ White Speckled	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM6-23 *321904251-0023*	12021 Level 1- Rm 1147 SW - Grey Mastic	Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT6-24 *321904251-0024*	12021 Level 1- Rm 1147 SE - Light Blue 12"x12" Floor Tile W/ White Speckled	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM6-25 *321904251-0025*	12021 Level 1- Rm 1147 SE - Grey Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT8-26 *321904251-0026*	12021 Level 1- Rm 1026 NE - Peach 12"x12" Floor Tile W/ Blue Specks	Peach Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 02/22/2019 09:51:08

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321904251
Customer ID: 32CITA50D
Customer PO:
Project ID:

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
FTM8-27-Mastic 1/Leveling Compound *321904251-0027* *Unable to separate*	12021 Level 1- Rm 1026 NE - Grey Mastic	Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM8-27-Mastic 2 *321904251-0027A*	12021 Level 1- Rm 1026 NE - Grey Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT8-28 *321904251-0028*	12021 Level 1- Rm 1138 SE - Peach 12"x12" Floor Tile W/ Blue Specks	Peach Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM8-29 *321904251-0029*	12021 Level 1- Rm 1138 SE - Grey Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT8-30 *321904251-0030*	12021 Level 1- Rm 1138 W - Peach 12"x12" Floor Tile W/ Blue Specks	Peach Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM8-31 *321904251-0031*	12021 Level 1- Rm 1138 W - Grey Mastic	Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT8-32 *321904251-0032*	12021 Level 1- Rm 1138 NE - Peach 12"x12" Floor Tile W/ Blue Specks	Peach Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM8-33 *321904251-0033*	12021 Level 1- Rm 1138 NE - Grey Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT10-34 *321904251-0034*	12021 Level 1- Rm 1136 NW - Light Blue-Gray-12x12 Floor Tile W/ White Streaks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM10-35 *321904251-0035*	12021 Level 1- Rm 1136 NW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT10-36 *321904251-0036*	12021 Level 1- Rm 1136 W - Light Blue-Gray-12x12 Floor Tile W/ White Streaks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM10-37 *321904251-0037*	12021 Level 1- Rm 1136 W - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT10-38 *321904251-0038*	12021 Level 1- Rm 1136 SE - Light Blue-Gray-12x12 Floor Tile W/ White Streaks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM10-39 *321904251-0039*	12021 Level 1- Rm 1136 SE - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT10-40 *321904251-0040*	12021 Level 1- Rm 1021 NE - Light Blue-Gray-12x12 Floor Tile W/ White Streaks	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 02/22/2019 09:51:08

LA Testing
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LA Testing Order: 321904251
Customer ID: 32CITA50D
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Project ID:

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
FTM10-41-Mastic/Leveling Compound *321904251-0041* *Unable to separate*	12021 Level 1- Rm 1021 NE - Orange Mastic	Gray/Yellow Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
12VFT11-42 *321904251-0042*	12021 Level 1- Rm 1153 SW - Peach 12"x12" Floor Tile	Peach Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM11-43 *321904251-0043*	12021 Level 1- Rm 1153 SW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT11-44 *321904251-0044*	12021 Level 1- Rm 1023 SW - Peach 12"x12" Floor Tile	Peach Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM11-45 *321904251-0045*	12021 Level 1- Rm 1023 SW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT11-46 *321904251-0046*	12021 Level 1- Rm 1118 NW - Peach 12"x12" Floor Tile	Peach Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM11-47 *321904251-0047*	12021 Level 1- Rm 1118 NW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT-48 *321904251-0048*	12021 Level 1- Rm 1072 SW - Peach 12"x12" Floor Tile	Peach Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM11-49 *321904251-0049*	12021 Level 1- Rm 1072 SW - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT12-50 *321904251-0050*	12021 Level 1- Rm 1206 SW - Pink 12"x12" Floor Tile W/ Beige Specks	Pink Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM12-51 *321904251-0051*	12021 Level 1- Rm 1206 SW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT12-52 *321904251-0052*	12021 Level 1- Rm 1206 NE - Pink 12"x12" Floor Tile W/ Beige Specks	Pink Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM12-53 *321904251-0053*	12021 Level 1- Rm 1206 NE - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT12-54 *321904251-0054*	12021 Level 1- Rm 1206 SW - Pink 12"x12" Floor Tile W/ Beige Specks	Pink Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM12-55 *321904251-0055*	12021 Level 1- Rm 1206 SW - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT13-56 *321904251-0056*	12021 Level 1- Rm 1055 SW - Olive 12x12 Floor Tile W/ Streaks	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM13-57-Mastic *321904251-0057*	12021 Level 1- Rm 1055 SW - Orange Mastic	Clear 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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
FTM13-57-Leveling Compound *321904251-0057A*	12021 Level 1- Rm 1055 SW - Orange Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT13-58 *321904251-0058*	12021 Level 1- Rm 1075 SE - Olive 12x12 Floor Tile W/ Streaks	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM13-59 *321904251-0059*	12021 Level 1- Rm 1075 SE - Orange Mastic	Yellow Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
12VFT13-60 *321904251-0060*	12021 Level 1- Rm 1075 NW - Olive 12x12 Floor Tile W/ Streaks	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM13-61 *321904251-0061*	12021 Level 1- Rm 1075 NW - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT14-62 *321904251-0062*	12021 Level 1- Rm 1051 NW - White 12x12 Floor Tile W/ Blue Specks	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM14-63 *321904251-0063*	12021 Level 1- Rm 1051 NW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFTM1-64 *321904251-0064*	12021 Level 1- Rm 1051 NW Underneath 12VFT14 - Tan/ Brown 12"x12" Floor Tile Speckled	Brown/Tan Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
FTM1-65-Mastic/Leveling Compound-Top *321904251-0065* *Unable to separate*	12021 Level 1- Rm 1051 NW Underneath 12VFT14 - Black Mastic	Gray/Yellow Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
FTM1-65-Mastic-Bottom *321904251-0065A*	12021 Level 1- Rm 1051 NW Underneath 12VFT14 - Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
12VFT14-66 *321904251-0066*	12021 Level 1- Rm 1051 NE - White 12x12 Floor Tile W/ Blue Specks	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM14-67-Mastic *321904251-0067*	12021 Level 1- Rm 1051 NE - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM14-67-Leveling Compound *321904251-0067A*	12021 Level 1- Rm 1051 NE - Orange Mastic	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
12VFT14-68 *321904251-0068*	12021 Level 1- Rm 1002 SE - White 12x12 Floor Tile W/ Blue Specks	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM14-69 *321904251-0069*	12021 Level 1- Rm 1002 SE - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
12VFT16-70 *321904251-0070*	12021 Level 1- Rm 1210 NW - Blue 12x12 Floor Tile W/ White Specks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM12-71 *321904251-0071*	12021 Level 1- Rm 1210 NW - Black Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
12VFT16-72 *321904251-0072*	12021 Level 1- Rm 1210 NE - Blue 12x12 Floor Tile W/ White Specks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM16-73 *321904251-0073*	12021 Level 1- Rm 1210 NE - Black Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
12VFT16-74 *321904251-0074*	12021 Level 1- Rm 1204 NE - Blue 12x12 Floor Tile W/ White Specks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM16-75 *321904251-0075*	12021 Level 1- Rm 1204 NE - Black Mastic	Black Non-Fibrous Homogeneous	3% Fibrous (Other)	92% Non-fibrous (Other)	5% Chrysotile
12VFT16-76 *321904251-0076*	12021 Level 1- NE Elevator E - Blue 12x12 Floor Tile W/ White Specks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM16-77 *321904251-0077*	12021 Level 1- NE Elevator E - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSF1-78 *321904251-0078*	12021 Level 1- NE Elevator Underneath 12VFT16 E - Tan Vinyl Sheet Flooring Tan W/ Pebbles Pattern	Beige Fibrous Heterogeneous	20% Cellulose 5% Synthetic 5% Glass	70% Non-fibrous (Other)	None Detected
VSFM1-79-Mastic-Top *321904251-0079*	12021 Level 1- NE Elevator Underneath 12VFT16 E - Light Grey Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM1-79-Mastic-Bottom *321904251-0079A*	12021 Level 1- NE Elevator Underneath 12VFT16 E - Light Grey Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM1-79-Wood Flooring *321904251-0079B*	12021 Level 1- NE Elevator Underneath 12VFT16 E - Light Grey Mastic	Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
12VFT21-80 *321904251-0080*	12021 Level 1- Rm 1197 SW - Dark Green 12x12 Floor Tile W/ White Specks	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM21-81-Mastic *321904251-0081*	12021 Level 1- Rm 1197 SW - Black Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM21-81-Floor Tile Debris *321904251-0081A*	12021 Level 1- Rm 1197 SW - Black Mastic	Beige Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
12VFT20-82 *321904251-0082*	12021 Level 1- Rm 1197 Underneath 12vft21 SW - Light Green 12x12 Floor Tile W/ White Specks	Yellow Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
FTM20-83-Mastic/Leveling Compound-Top *321904251-0083* *Unable to separate*	12021 Level 1- Rm 1197 Underneath 12vft21 SW - Black Mastic	Gray/Yellow Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
FTM20-83-Mastic-Bottom *321904251-0083A*	12021 Level 1- Rm 1197 Underneath 12vft21 SW - Black Mastic	Brown/Black Non-Fibrous Homogeneous	2% Cellulose	93% Non-fibrous (Other)	5% Chrysotile
12VFT2184-Floor Tile 1 *321904251-0084*	12021 Level 1- Rm 1181 S - Dark Green 12x12 Floor Tile W/ White Specks	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT2184-Floor Tile 2 *321904251-0084A*	12021 Level 1- Rm 1181 S - Dark Green 12x12 Floor Tile W/ White Specks	Tan Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
FT321-85-Mastic 1 *321904251-0085*	12021 Level 1- Rm 1181 S - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FT321-85-Leveling Compound *321904251-0085A*	12021 Level 1- Rm 1181 S - Orange Mastic	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
FT321-85-Mastic 2 *321904251-0085B*	12021 Level 1- Rm 1181 S - Orange Mastic	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
12VF20-86 *321904251-0086*	12021 Level 1- Rm 1181 Underneath 12vft21 S - Light Green 12x12 Floor Tile Dark Green Specks	Tan Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
FTM20-87-Mastic-1 *321904251-0087*	12021 Level 1- Rm 1181 Underneath 12vft21 S - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM20-87-Mastic-2 *321904251-0087A*	12021 Level 1- Rm 1181 Underneath 12vft21 S - Orange Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
FTM20-87-Leveling Compound *321904251-0087B*	12021 Level 1- Rm 1181 Underneath 12vft21 S - Orange Mastic	Gray Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
12VFT21-88 *321904251-0088*	12021 Level 1- Rm 1191 NW - Dark Green 12x12 Floor Tile W/ White Specks	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM21-89-Mastic-1 *321904251-0089*	12021 Level 1- Rm 1191 NW - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
FTM21-89-Mastic-2 *321904251-0089A*	12021 Level 1- Rm 1191 NW - Orange Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
FTM21-89-Leveling Compound *321904251-0089B*	12021 Level 1- Rm 1191 NW - Orange Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT20-90-Leveling Compound *321904251-0090* *No VFT present for analysis.*	12021 Level 1- Rm 1191 Underneath 12vft21 NW - Light Green 12x12 Floor Tile Dark Green Specks	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM20-91-Mastic 1 *321904251-0091*	12021 Level 1- Rm 1191 Underneath 12vft21 NW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM20-91-Mastic 2 *321904251-0091A*	12021 Level 1- Rm 1191 Underneath 12vft21 NW - Orange Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
12VFT22-92 *321904251-0092*	12021 Level 1- Rm 1054 SE - Light Pink 12x12 Floor Tile W/ White Streaks	Pink Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM22-93 *321904251-0093*	12021 Level 1- Rm 1054 SE - Black Mastic	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
12VFT22-94 *321904251-0094*	12021 Level 1- Rm 1085 SW - Light Pink 12x12 Floor Tile W/ White Streaks	Pink Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM22-95-Mastic 1 *321904251-0095*	12021 Level 1- Rm 1085 SW - Black Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM22-95-Mastic 2 *321904251-0095A*	12021 Level 1- Rm 1085 SW - Black Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
12VFT22-96 *321904251-0096*	12021 Level 1- Rm 1085-A SW - Light Pink 12x12 Floor Tile W/ White Streaks	Pink Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM22-97-Mastic-1 *321904251-0097*	12021 Level 1- Rm 1085-A SW - Black Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
FTM22-97-Mastic-2 *321904251-0097A*	12021 Level 1- Rm 1085-A SW - Black Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MISC2-98 *321904251-0098*	12021 Level 1- Hallway Outside Rm 1009 Underneath 12vft7 - Black Residual Black Mastic	Black Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
MISC2-99-Floor Tile *321904251-0099*	12021 Level 1- Rm 1137 Underneath 12vft7 - White Drywall w /Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MISC2-99-Mastic *321904251-0099A*	12021 Level 1- Rm 1137 Underneath 12vft7 - White Drywall w /Joint Compound	Black/Yellow Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
WSR1-100 *321904251-0100*	12021 Level 2- Rm 2056 Kitchen S - White Drywall w /Joint Compound	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
WJC1-101 *321904251-0101*	12021 Level 2- Rm 2056 Kitchen S - White Drywall w /Joint Compound	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
WSR1-102 *321904251-0102*	12021 Level 2- Rm 2056 Kitchen NE - White Drywall w /Joint Compound	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
WJC1-103 *321904251-0103*	12021 Level 2- Rm 2056 Kitchen NE - White Drywall w /Joint Compound	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
WSR1-104-Skim Coat *321904251-0104*	12021 Level 2- Rm 2056 Kitchen NW - White Drywall w /Joint Compound	White Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
WSR1-104-Plaster *321904251-0104A*	12021 Level 2- Rm 2056 Kitchen NW - White Drywall w /Joint Compound	Pink Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
WJC1-10513 *321904251-0105*	12021 Level 2- Rm 2056 Kitchen NW - White Drywall w /Joint Compound	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
WSR1-106 *321904251-0106*	12021 Level 2- Rm 2056 Kitchen W - White Drywall w /Joint Compound	Brown/White Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (Other)	None Detected
WJC1-107 *321904251-0107*	12021 Level 2- Rm 2056 Kitchen W - White Drywall w /Joint Compound	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
WSR1-108 *321904251-0108*	12021 Level 2- Rm 2056-E NW - White Drywall w /Joint Compound	Brown/White Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (Other)	None Detected
WJC1-109 *321904251-0109*	12021 Level 2- Rm 2056-E NW - White Drywall w /Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSF2-110 *321904251-0110*	12021 Level 2- Rm 2056-C SE - Pale Blue Vinyl Sheet Flooring	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM2-111-Mastic/Leveling Compound *321904251-0111* *Unable to separate*	12021 Level 2- Rm 2056-C SE - Grey Mastic	Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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VSF2-112 *321904251-0112*	12021 Level 2- Rm 2056-C S - Pale Blue Vinyl Sheet Flooring	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM2-113-Mastic/Leveling Compound *321904251-0113* *Unable to separate*	12021 Level 2- Rm 2056-C S - Grey Mastic	Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSF2-114 *321904251-0114*	12021 Level 2- Rm 2056-C NW - Pale Blue Vinyl Sheet Flooring	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM2-115-Mastic *321904251-0115*	12021 Level 2- Rm 2056-C NW - Grey Mastic	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM2-115-Leveling Compound *321904251-0115A*	12021 Level 2- Rm 2056-C NW - Grey Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT32-116 *321904251-0116*	12021 Level 2- Rm 2058 SW - Blue 12"x12" W White & Blue Specks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM32-117 *321904251-0117*	12021 Level 2- Rm 2058 SW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT32-18 *321904251-0118*	12021 Level 2- Rm 2083 NW - Blue 12"x12" W White & Blue Specks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM32-119 *321904251-0119*	12021 Level 2- Rm 2083 NW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT32-120 *321904251-0120*	12021 Level 2- Rm 2093 NW - Blue 12"x12" W White & Blue Specks	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM32-121 *321904251-0121*	12021 Level 2- Rm 2093 NW - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT33-122 *321904251-0122*	12021 Level 2- Rm 2103 SW - Light Tan 12"x12" Light Tan With White Specks	Gray/Beige Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
FTM33-123-Mastic/Leveling Compound-Top *321904251-0123*	12021 Level 2- Rm 2103 SW - Black Mastic	Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM33-123-Mastic-Bottom *321904251-0123A*	12021 Level 2- Rm 2103 SW - Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
12VFT33-124 *321904251-0124*	12021 Level 2- Rm 2103 SE - Light Tan 12"x12" Light Tan With White Specks	Gray/Beige Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
FTM33-125 *321904251-0125*	12021 Level 2- Rm 2103 SE - Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile

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Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
12VFT33-126 *321904251-0126*	12021 Level 2- Rm 2196-A SW - Light Tan 12"x12" Light Tan With White Specks	Tan Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
FTM33-127 *321904251-0127*	12021 Level 2- Rm 2196-A SW - Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
12VFT4-128 *321904251-0128*	12021 Level 3- Rm 3004-A W - Brown 12"x12" Brown Molted Pattern	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM4-129 *321904251-0129*	12021 Level 3- Rm 3004-A W - Black Mastic	Black Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
12VFT22-130 *321904251-0130*	12021 Level 3- Rm 30095-C E - Light Grey 12"x12" Light Grey w/ Grey Specks	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM22-131 *321904251-0131*	12021 Level 3- Rm 30095-C E - Black Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
12VFT22-132 *321904251-0132*	12021 Level 3- Rm 30084 SE - Light Grey 12"x12" Light Grey w/ Grey Specks	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM22-133 *321904251-0133*	12021 Level 3- Rm 30084 SE - Black Mastic	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
12VFT22-134 *321904251-0134*	12021 Level 3- Rm 30057 -S - Light Grey 12"x12" Light Grey w/ Grey Specks	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM22-135 *321904251-0135*	12021 Level 3- Rm 30057 -S - Black Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
12VFT16-136 *321904251-0136*	12021 Level 3- Rm 3013-B- NE - Blue 12"x12" Blue w/ Grey Specks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM16-137 *321904251-0137*	12021 Level 3- Rm 3013-B- NE - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT16-138 *321904251-0138*	12021 Level 3- Rm 3013-B- SE - Blue 12"x12" Blue w/ Grey Specks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM16-139 *321904251-0139*	12021 Level 3- Rm 3013-B- SE - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT16-140 *321904251-0140*	12021 Level 3- Rm 3007-B N - Blue 12"x12" Blue w/ Grey Specks	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM16-141 *321904251-0141*	12021 Level 3 Rm 3007-B N - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 02/22/2019 09:51:08

LA Testing
520 Mission Street South Pasadena, CA 91030
Tel/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order: 321904251
Customer ID: 32CITA50D
Customer PO:
Project ID:

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
VSF3-142 *321904251-0142*	12021 Level 3 Rm 3118 NW - Black / Grey Vinyl Sheet Flooring Stone Pattern	Gray/Black Fibrous Heterogeneous	20% Synthetic 5% Glass	75% Non-fibrous (Other)	None Detected
VSFM3-143-Mastic 1 *321904251-0143*	12021 Level 3 Rm 3118 NW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM3-143-Leveling Compound 1 *321904251-0143A*	12021 Level 3 Rm 3118 NW - Orange Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM3-143-Mastic 2 *321904251-0143B*	12021 Level 3 Rm 3118 NW - Orange Mastic	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM3-143-Leveling Compound 2 *321904251-0143C*	12021 Level 3 Rm 3118 NW - Orange Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM3-143-Cementitious Material *321904251-0143D*	12021 Level 3 Rm 3118 NW - Orange Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSF3-144 *321904251-0144*	12021 Level 3 Rm 3120 NW - Black / Grey Vinyl Sheet Flooring Stone Pattern	Gray/Black Fibrous Heterogeneous	20% Synthetic 5% Glass	75% Non-fibrous (Other)	None Detected
VSFM3-145-Mastic *321904251-0145*	12021 Level 3 Rm 3120 NW - Orange Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM3-145-Leveling Compound *321904251-0145A*	12021 Level 3 Rm 3120 NW - Orange Mastic	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
VSF3-146 *321904251-0146*	12021 Level 3 Rm 3121 SE - Black / Grey Vinyl Sheet Flooring Stone Pattern	Gray/Black Non-Fibrous Homogeneous	20% Synthetic 5% Glass	75% Non-fibrous (Other)	None Detected
VSFM3-147-Mastic *321904251-0147*	12021 Level 3 Rm 3121 SE - Orange Mastic	Orange Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
VSFM3-147-Leveling Compound *321904251-0147A*	12021 Level 3 Rm 3121 SE - Orange Mastic	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
MISC3-148 *321904251-0148*	12021 Level 3 Rm 3095 SE - Beige/ Grey Transite A/W Fumehood	Gray/Beige Fibrous Heterogeneous		80% Non-fibrous (Other)	20% Chrysotile
WSR2-149 *321904251-0149*	12021 Level 3 Rm 3079 Center - White Drywall Wall W/ Joint Compound	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
WJC2-150 *321904251-0150*	12021 Level 3 Rm 3079 Center - White Drywall Wall W/ Joint Compound	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 02/22/2019 09:51:08

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LA Testing Order:	321904251
Customer ID:	32CITA50D
Customer PO:	
Project ID:	

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
WSR2-151 *321904251-0151*	12021 Level 3 Rm 3079-B N - White Drywall Wall W/ Joint Compound				Not Submitted
No drywall present for analysis.					
WJC2-152 *321904251-0152*	12021 Level 3 Rm 3079-B N - White Drywall Wall W/ Joint Compound	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
WSR2-153 *321904251-0153*	12021 Level 3 Rm 3079 E - White Drywall Wall W/ Joint Compound	Brown/White Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (Other)	None Detected
WJC2-154 *321904251-0154*	12021 Level 3 Rm 3079 E - White Drywall Wall W/ Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Humberto Espinoza (53)

Kieu-anh Pham Duong (130)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 02/22/2019 09:51:08

LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order:	321904879
Customer ID:	32CITA50D
Customer PO:	0018.1069.0
Project ID:	

Attention:	Kier Deleo	**Phone:**	(714) 547-4301
	Citadel Environmental Services	**Fax:**	(714) 547-4647
	151 Kalmus Drive	**Received Date:**	02/22/2019 8:00 AM
	Suite F-4	**Analysis Date:**	02/28/2019
	Costa Mesa, CA 92626	**Collected Date:**	02/21/2019
Project:	0018.1069.0 | ERM Survey: Augustus F. Hawkins Building		

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
PPM1-155 *321904879-0001*	12021 - Roof - NW - Black - Pitch Pocket Mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
PPM1-156 *321904879-0002*	12021 - Roof - SE - Black - Pitch Pocket Mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
PPM1-157 *321904879-0003*	12021 - Roof - Center - Black - Pitch Pocket Mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
MISC10-158 *321904879-0004*	12021 - Roof - SE - Black - Flashing Mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
MISC10-159 *321904879-0005*	12021 - Roof - Center-+W - Black - Flashing Mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
MISC10-160 *321904879-0006*	12021 - Roof - NW - Black - Flashing Mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
MISC11-161 *321904879-0007*	12021 - Roof - Mech. Penthouse No. 7 - S - Faded Black - Flashing Mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
MISC11-162 *321904879-0008*	12021 - Roof - Mech. Penthouse No. 7 - S - Faded Black - Flashing Mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
MISC11-163 *321904879-0009*	12021 - Roof - Mech. Penthouse No. 46 - E - Faded Black - Flashing Mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
MISC12-164 *321904879-0010*	12021 - Roof - Mech. Penthouse No. 7 - S - Faded Black - Flashing Mastic	White Non-Fibrous Homogeneous	5% Glass	87% Non-fibrous (Other)	8% Chrysotile
MISC12-165 *321904879-0011*	12021 - Roof - Mech. Penthouse No. 08-09 - E - White - Pipe Sealant at Terminated TSI Lines	White Non-Fibrous Homogeneous	5% Glass	87% Non-fibrous (Other)	8% Chrysotile
MISC12-166 *321904879-0012*	12021 - Roof - Mech. Penthouse No. 08-09 - W - White - Pipe Sealant at Terminated TSI Lines	White Non-Fibrous Homogeneous	5% Glass	87% Non-fibrous (Other)	8% Chrysotile
MISC12-167-Sealant *321904879-0013*	12021 - Roof - Mech. Penthouse No. 01302 W - White - Pipe Sealant at Terminated TSI Lines	White Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile

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LA Testing

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LA Testing Order:	321904879
Customer ID:	32CITA50D
Customer PO:	0018.1069.0
Project ID:	

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MISC12-167-Insulation *321904879-0013A*	12021 - Roof - Mech. Penthouse No. 01302 W - White - Pipe Sealant at Terminated TSI Lines	Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
MISC12-168 *321904879-0014*	12021 - Roof - Mech. Penthouse 08-09 - S - White - Pipe Sealant at Terminated TSI Lines	White Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
MISC13-169 *321904879-0015*	12021 - Roof - Mech. Penthouse No. 7 Center - Bright White - Pipe Sealant at Terminated TSI Lines	Yellow/Beige Non-Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
12VFT34-170 *321904879-0016*	12021 - 3 - Rm 3054 W - Blue-Grey - 12x12x Floortile w/specks	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM34-171 *321904879-0017*	12021 - 3 - Rm 3054 W - Black - Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT34-172 *321904879-0018*	12021 - 3 - Rm 3054 SE - Blue-Grey - 12x12x Floortile w/specks	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM34-173 *321904879-0019*	12021 - 3 - Rm 3054 SE - Black - Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT34-174 *321904879-0020*	12021 - 3 - Rm 3054 NE - Blue-Grey - 12x12x Floortile w/specks	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM34-175 *321904879-0021*	12021 - 3 - Rm 3054 NE - Black - Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12VFT20-176 *321904879-0022*	12021 - 1 - 1036 S - Light Green - 12x12 Floortile	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FTM20-177-Mastic *321904879-0023*	12021 - 1 - 1036 S - Black - Mastic	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
FTM20-177-Leveling Compound *321904879-0023A*	12021 - 1 - 1036 S - Black - Mastic	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected

Initial report from: 02/28/2019 14:19:38

LA Testing

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LA Testing Order:	321904879
Customer ID:	32CITA50D
Customer PO:	0018.1069.0
Project ID:	

Analyst(s)

Kieu-anh Pham Duong (18)

Nahid Motamedi (7)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 02/28/2019 14:19:38

OrderID: 321904251

CHAIN OF CUSTODY

CITADEL ENVIRONMENTAL SERVICES, INC.

CITADEL LOCATION:

[ ] GLENDALE	[X] ORANGE COUNTY	[ ] VALENCIA	[ ] TORRANCE OFFICE
Contact:	Contact: Kier DeLeo	Contact:	Contact:
email:	email:kdeleo@citadelenvironmental.com	email:	email:
1725 Victory Blvd.	151 Kalmus Drive	28159 Ave Stanford Suite 224	3700 West 190th Street
Glendale, CA 91201	Costa Mesa, CA 92626	Valencia, CA 91355	Torrance, CA 90509
Phone: (818) 246-2707	Phone:(714) 547-4301	Phone:(818) 246-2707	Phone:(310) 212-1714
Fax: (818) 246-3145	Fax: (714) 547-4647	Fax:(818) 246-3145	Fax:(310) 212-1702

PROJECT AND SAMPLE INFORMATION

PROJECT NUMBER: 0018.1069.0

Pre-Demolition ERM Survey: Augustus F. Hawkins Building

NUMBER OF SAMPLES: 154 **SAMPLE NUMBERS:** 01-154

TYPE OF SAMPLES (CIRCLE ONE): AIR TAPE WATER WIPE ZEFON ANDERSEN BULK SOIL AIR-O-CELL PLATE OTHER

TYPE OF ANALYSIS:

Asbestos

- ____ Phase Contrast Microscopy
- ✓ Polarized Light Microscopy
- ____ 1st Positive Stop
- ____ Point Count ____ 400 Point Count ____ 1000 Point Count
- ____ Transmission Electron Microscopy
- ____ Qualitative ____ Quantitive

Culturable Air

- ____ Andersen Fungi (genue ID, Aspergillus)
- ____ Andersen Bacteria

Non-Culturable Air

- ____ Non-Viable Spore Trap Slide

Surface Samples

- ____ Surface Sample (direct examination)

Lead

- ____ Flame Atomic Absorption
- ____ TTLC ____ STLC ____ TCLP

Culturable Samples

- ____ Quantitative Fungi-dust, bulk swab-1 medium
- ____ Quantitative Fungi-dust, bulk swab-3 media
- ____ Quantitative Bacteria-dust, bulk swab-1 medium
- ____ Quantitative Bacteria-dust, bulk, swab-3 media
- ____ E.coli and Coliforms (MUG)

Other ____

TURNAROUND TIME (CIRCLE ONE): Rush 12 HOURS 24 HOURS 48 HOURS 3 DAYS 5 DAYS 5-10 DAYS OTHER 6- hour

REPORT RESULTS VIA (CIRCLE ALL THAT APPLY): PHONE FAX WRITTEN REPORT PDF

NOTES/COMMENTS:

TRANSMITTAL RECORD:

Relinquished By:	Received By:
Jim Berardino	DP Flores (drop box)
Date: 2-15-19 Time: 0630	Date: 2/15/19 Time: 8am
Relinquished By:	Received By:
Date: Time:	Date: Time:

LABORATORY INFORMATION: NAME: LA Testing LOCATION: S. Pasadena

DISPOSITION OF SAMPLES: [ ] RETURN ____ DAYS AFTER ANALYSIS [ ] OTHER ____

[ ] RETAIN FOR ____ DAYS [ ] YEAR (S) ____

Revised 9/29/06

#321904251

BULK SAMP DATA FORM

PROJECT NO.: 0018.1069.0
CLIENT: LA County Department of Public Works
PROJECT ID: Pre-Demolition ERM Survey: Augustus F. Hawkins Building
SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA

DATE: 02/06/19
INSPECTOR(S): Jim Berardino
CSST/CAC NO: 15-5502

PAGE 1 OF

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION		BULK SAMPLE LOCATION			QUANTITY		FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
		COLOR	TEXTURE/PATTERN	UNIT	LEVEL	AREA/LOCATION	NO.	UNIT			
misc 1	01	Beige	Sandplaster wall texture	12021	1	Rm 1221 SW	6,700	SF	NF	Good	N/A
misc 1	02	↓	↓	↓	↓	SE	↓	↓	↓	↓	↓
misc 1	03					W					
misc 1	04					NW					
misc 1	05					N					
misc 1	06					NE					
misc 1	07					E					
12VFT2	08	Grey	12"x12" floor tile w/ white streaks			Rm 1157 NW	100	SF	NF	Good	N/A
FTM2	09	orange	mastic			↓					
12VFT2	10	Grey	12x12 floor tile w/ white streaks			SW					
FTM2	11	Orange	mastic			↓					
12VFT2	12	Grey	12"x12" floor tile w/ white streaks			SE					
FTM2	13	Orange	mastic			↓					
12VFT3	14	Light Tan	12"x12" floor tile w/ brown speckled			Rm 1159 NW	5,600	SF	NF	Good	N/A

OrderID: 321904251

BULK SAMP DATA FORM

#3219042511

PROJECT NO.: 0018.1069.0
CLIENT: LA County Department of Public Works
PROJECT ID: Pre-Demolition ERM Survey: Augustus F. Hawkins Building
SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA

DATE: 02/06/19
INSPECTOR(S): Jim Berardino
CSST/CAC NO: IS-5502

PAGE 2 OF

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
FTM3	15	Black	mastic	12021	1	Rm 1159 NW	5600	SF	NF	Good	N/A
12VFT3	16	Light tan	12"x12" Floor tile w/ brown speckled			Rm 1150 NE					
FTM3	17	Black	mastic								
12VFT3	18	Light tan	12"x12" Floor tile w/ brown speckled			Rm 1146					
FTM3	19	Black	mastic								
12VFT6	20	Light Blue	12"x12" Floor tile w/ white specks			Rm 1147 NW	120	SF	NF	Good	N/A
FTM6	21	Grey	mastic			NE					
12VFT6	22	Light Blue	12"x12" Floor tile w/ White Specks			SW					
FTM6	23	Grey	mastic								
12VFT6	24	Light Blue	12"x12" Floor tile w/ White Specks			SE					
FTM6	25	Grey	mastic								
12VFT8	26	Peach	12"x12" Floor tile w/ blue specks			Rm 1026 NE	900	SF	NF	Good	N/A
FTM8	27	Grey	mastic								
12VFT8	28	Peach	12"x12" Floor tile w/ blue specks			Rm 1138 SE					

OrderID: 3219042511

BULK SAMP DATA FORM #321904251

PROJECT NO.: 0018.1069.0
CLIENT: LA County Department of Public Works
PROJECT ID: Pre-Demolition ERM Survey: Augustus F. Hawkins Building
SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA
DATE: 02/11/19
INSPECTOR(S): Jim Berardino
CSST/CAC NO: 15-5502
PAGE 3 OF

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
FTM8	29	Grey	mastic	12021	1	Rm 1138 SE	900	SF	NF	Good	N/A
12VFT8	30	Peach	12x12 Floor tile w/ blue specks			W					
FTM8	31	Grey	mastic			I					
12VFT8	32	Peach	12x12 Floor tile w/ blue specks			NE					
FTM8	33	Grey	mastic			I					
12VFT10	34	Light Blue-Gray	12x12 Floor tile w/ White streaks			Rm 1136 NW	600	SF	NF	Good	N/A
FTM10	35	Orange	mastic			I					
12VFT10	36	Light Blue-Gray	12x12 Floor tile w/ white streaks			W					
FTM10	37	Orange	mastic			I					
12VFT10	38	Light Blue-Gray	12x12 Floor tile w/ white streaks			SE					
FTM10	39	Orange	mastic			I					
12VFT10	40	Light Blue-Gray	12x12 Floor tile w/ white streaks			Rm 1021 NE					
FTM10	41	Orange	mastic			I					
12VFT11	42	Peach	12"x12" Floor tile			Rm 1153 SW	1,225	SF	NF	Good	N/A

OrderID: 321904251

#321904251

BULK SAMPLE DATA FORM

PROJECT NO.: 0018.1069.0
CLIENT: LA County Department of Public Works
PROJECT ID: Pre-Demolition ERM Survey: Augustus F. Hawkins Building
SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA

DATE: 02/11/19
INSPECTOR(S): Jim Berardino
CSST/CAC NO: 15-5502

PAGE 4 OF

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
FTM11	43	Orange	mastic	12021	1	Rm 1153 SW	1,225	SF	NF	Good	N/A
12VFT11	44	Peach	12"x12" Floor tile			Rm 1023 SW					
FTM11	45	Orange	mastic			" "					
12VFT11	46	Peach	12"x12" Floor tile			Rm 1118 NW					
FTM11	47	Orange	mastic			" "					
12VFT11	48	Peach	12"x12" Floor tile			Rm 1072 SW					
FTM11	49	Orange	mastic			" "					
12VFT12	50	Pink	12"x12" Floor tile w/ beige specks			Rm 1206 SW	200	SF	NF	Good	N/A
FTM12	51	Orange	mastic			" "					
12VFT12	52	Pink	12x12 Floor tile w/ beige specks			NE					
FTM12	53	orange	mastic			"					
12VFT12	54	Pink	12"x12" Floor Tile w/ beige specks			SW					
FTM12	55	orange	mastic			" "					
12VFT13	56	Olive	12x12 Floor tile w/ streaks			Rm 1055 SW	350	SF	NF	Good	N/A

OrderID: 321904251

#3219042 51

BULK SAMP -- DATA FORM

PROJECT NO.: 0018.1069.0
CLIENT: LA County Department of Public Works
PROJECT ID: Pre-Demolition ERM Survey: Augustus F. Hawkins Building
SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA

DATE: 02/11/19
INSPECTOR(S): Jim Berardino
CSST/CAC NO: 15-5502

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CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
FTM13	57	Orange	mastic	12021	1	Rm 1055 SW	350	SF	NF	Good	N/A
12VFT13	58	Olive	12x12 Floor tile w/ Streaks			Rm 1075 SE					
FTM13	59	Orange	mastic								
12VFT13	60	Olive	12x12 Floor tile w/ Streaks			NW					
FTM13	61	Orange	mastic								
12VFT14	62	White	12x12 Floor Tile w/ blue specks			Rm 1051 NW	1,550	SF	NF	Good	N/A
FTM14	63	Orange	mastic								
12VFT1	64	Tan/ Brown	12"x12" Floor Tile Speckled			Rm 1051 NW	17,800	SF			
FTM1	65	Black	mastic			underneath 12VFT14					
12VFT14	66	White	12x12 Floor tile w/ blue specks			Rm 1052 NE	1,550	SF			
FTM14	67	Orange	mastic								
12VFT14	68	White	12x12 Floor tile w/ blue specks			Rm 1002 SE					
FTM14	69	Orange	mastic								
12VFT16	70	Blue	12x12 Floor Tile w/ white specks			Rm 1210 NW	200	SF	NF	Good	N/A

OrderID: 321904251

BULK SAMPLE DATA FORM #321904251

PROJECT NO.: 0018.1069.0
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SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA

DATE: 02/11/19
INSPECTOR(S): Jim Berardino
CSST/CAC NO: 15-5502

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CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
FTM12	71	Black	mastic	1210	1	Rm 1210 NW	200	SF	NF	Good	N/A
12VFT16	72	Blue	12x12 Floor Tile w/ white specks			NE					
FTM16	73	Black	mastic								
12VFT16	74	Blue	12x12 Floor Tile w/ white specks			Rm 1204 NE					
FTM16	75	Black	mastic								
12VFT16	76	Blue	12x12 Floor Tile w/ white specks			NE Elevator A - E	70	SF	NF	Good	N/A
FTM16.5	77	orange	mastic								
VSF1	78	Tan	vinyl sheet flooring Tan w/ pebbles pattern			underneath 12VFT16			F		
VSFM1	79	Light Grey	mastic						NF		
12VFT21	80	Dark Green	12"x12" Floor Tile w/ white specks			Rm 1197 SW	375	SF	NF	Good	N/A
FTM21	81	Orange	mastic								
12VFT20	82	Light Green	12x12 Floor Tile Dark Green specks			underneath 12VFT21	1,100				
FTM20	83	orange	mastic								
12VFT21	84	Dark Green	12x12 Floor Tile w/ white specks			Rm 1181 S	375				

OrderID: 321904251

#321904251

BULK SAMP DATA FORM

PROJECT NO.: 0018.1069.0
CLIENT: LA County Department of Public Works
PROJECT ID: Pre-Demolition ERM Survey: Augustus F. Hawkins Building
SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA

DATE: 02/11/19
INSPECTOR(S): Jim Berardino
CSST/CAC NO: 15-5502

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CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
FTM21	85	orange	mastic	12021	1	Rm 1181 S	375	SF	NF	Good	N/A
12VFT20	86	Light Green	12x12 Floor Tile Dark Green Specks			underneath 12VFT21	1100				
FTM20	87	orange	mastic								
12VFT21	88	Dark Green	12x12 Floor Tile w/ white specks			Rm 1191 NW	375	SF	NF	Good	N/A
FTM21	89	orange	mastic								
12VFT20	90	Light Green	12x12 Floor Tile Dark Green Specks			underneath 12VFT21	1,100				
FTM20	91	orange	mastic								
12VFT22	92	Light Pink	12x12 Floor Tile w/ white streaks			Rm 1054 SE	400	SF	NF	Good	N/A
FTM22	93	Black	mastic								
12VFT22	94	Light Pink	12x12 Floor Tile w/ white streaks			Rm 1085 SW					
FTM22	95	Black	mastic								
12VFT22	96	Light Pink	12x12 Floor Tile w/ white streaks			Rm 1085-A SW					
FTM22	97	Black	mastic								
misc 2	98	Black	residual black mastic			Hallway outside Rm 1009 -underneath 12VFT7	800	SF	NF	Good	N/A

OrderID: 321904251

#3219042 51

BULK SAMP[illegible] DATA FORM

PROJECT NO.: 0018.1069.0
DATE: 02/11/19
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CLIENT: LA County Department of Public Works
PROJECT ID: Pre-Demolition ERM Survey: Augustus F. Hawkins Building
INSPECTOR(S): Jim Berardino
SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA
CSST/CAC NO: 15-5502

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
MSC 2	0099	Black	residual black mastic	12021	1	Rm 1137 underneath 12VFT7	800	SF	NF	Good	N/A
WSR1	0100	White	Drywall wall w/ joint compound		2	Rm 2056 Kitchen S	1,850		NF		
WJC1	0101					I			F		
WSR1	0102					NE			NF		
WJC1	0103					I			F		
WSR1	0104					NW			NF		
WJC1	0105					I			F		
WSR1	0106					W			NF		
WJC1	0107					I			F		
WSR1	0108					Rm 2056-E NW			NF		
WJC1	0109					I I			F		
VSF2	0110	Pale Blue	vinyl sheet flooring			Rm 2056-C SE	100	SF	F	Good	N/A
VSFM2	0111	Grey	mastic			I					
VSF2	0112	Pale Blue	vinyl sheet flooring			S					

OrderID: 321904251

BULK SAMP DATA FORM #3219042511

PROJECT NO.: 0018.1069.0
DATE: 02/14/19
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CLIENT: LA County Department of Public Works
PROJECT ID: Pre-Demolition ERM Survey: Augustus F. Hawkins Building
INSPECTOR(S): Jim Berardino
SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA
CSST/CAC NO: 15-5502

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
VSFMZ	113	Grey	mastic	12021	2	Rm 2056-C S	100	SF	F	Good	N/A
VSFZ	114	Pale Blue	Vinyl Sheet Flooring			NW					
VSFMZ	115	Grey	mastic								
12VFT32	116	Blue	12"x12" w/ White & Blue Specks			Rm 2058 SW	750	SF	NF	Good	N/A
FTM32	117	orange	mastic								
12VCT32	118	Blue	12"x12" w/ White & Blue Specks			Rm 2083 NW					
FFM32	119	orange	mastic								
12VFT32	120	Blue	12"x12" w/ White & Blue Specks			Rm 2093 NW					
FTM32	121	orange	mastic								
12VFT33	122	Light Tan	12"x12" Light tan with White specks			Rm 2103 SW	4800	SF	NF	Good	N/A
FTM33	123	Black	mastic								
12VFT33	124	Light Tan	12x12 Light tan with White specks			SE					
FTM33	125	Black	mastic								
12VFT33	126	Light Tan	12x12 Light tan with White specks			Rm 2196-A SW					

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BULK SAMP DATA FORM

#3219042511

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SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA

DATE: 02/14/19
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CSST/CAC NO: 15-5502

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CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
FTM33	127	Black	mastic	12021	2	Rm 2196-A SW	4,800	SF	NF	Good	N/A
12VFT4	128	Brown	12"x12" Brown motted Pattern		3	Rm 3004-A W	4,250	SF			
FTM4	129	Black	mastic			" "					
12VFT22	130	Light Grey	12"x12" Light grey w/ grey specks			Rm 3095-C E					
FTM22	131	Black	mastic			" "					
12VFT22	132	Light Grey	12x12 Light grey w/ gray specks			Rm 3084 SE					
FTM22	133	Black	mastic			" "					
12VFT22	134	Light Grey	12"x12" Light grey w/ grey specks			Rm 3057-5					
FTM22	135	Black	mastic			" "					
12VFT16	136	Blue	12"x12" Blue w/ white specks			Rm 3013B NE	1,200	SF	NF	Good	N/A
FTM16	137	Black	mastic			" "					
12VFT16	138	Blue	12"x12" Blue w/ white specks			Rm 3013B SE					
FTM16	139	Black	mastic			" "					
12VFT16	140	Blue	12"x12" Blue w/ white specks			Rm 3007B N					

OrderID: 321904251

#321904251

BULK SAMP DATA FORM

PROJECT NO.: 0018.1069.0
CLIENT: LA County Department of Public Works
PROJECT ID: Pre-Demolition ERM Survey: Augustus F. Hawkins Building
SITE ADDRESS: 12021 South Wilmington Avenue, Los Angeles CA

DATE: 02/14/19
INSPECTOR(S): Jim Berardino
CSST/CAC NO: IS-5507

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CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
FTM6	141	Black	Mastic	12021	3	Rm 3007-B N	1,200	SF	NF	Good	N/A
VSF3	142	Black/Grey	vinyl sheet flooring stone pattern			Rm 3118 NW	1,000	SF	F		
VSFM3	143	orange	mastic			〃 〃	〃	〃	〃		
VSF3	144	Black/grey	vinyl sheet flooring stone pattern			Rm 3120 NW					
VSFM3	145	orange	mastic			〃 〃					
VSF3	146	Black/grey	vinyl sheet flooring stone pattern			Rm 3121 SE					
VSFM3	147	orange	mastic			〃 〃					
MISC3	148	Beige/Grey	Transite a/w fume hood			Rm 3095 SE	120	SF	NF	Good	N/A
WSR2	149	White	Drywall wall w/ joint compound			Rm 3079 Center	875	SF	NF	Good	N/A
WSC2	150	〃	〃	〃	〃	〃 〃	〃	〃	F	〃	〃
WSR2	151	〃	〃	〃	〃	Rm 3079-B N	〃	〃	NF	〃	〃
WSC2	152	〃	〃	〃	〃	〃 〃	〃	〃	F	〃	〃
WSR2	153	〃	〃	〃	〃	Rm 3079 E	〃	〃	NF	〃	〃
WSC2	154	〃	〃	〃	〃	〃 〃	〃	〃	F	〃	〃

OrderID: 321904251

OrderID: 321904879

#321904879

CHAIN OF CUSTODY

CITADEL ENVIRONMENTAL SERVICES, INC.

CITADEL LOCATION:

☐ GLENDALE	☒ ORANGE COUNTY	☐ VALENCIA	☐ TORRANCE OFFICE
Contact:	Contact: Kier DeLeo	Contact:	Contact:
email:	email:kdeleo@citadelenvironmental.com	email:	email:
1725 Victory Blvd.	151 Kalmus Drive	28159 Ave Stanford Suite 224	3700 West 190th Street
Glendale, CA 91201	Costa Mesa, CA 92626	Valencia, CA 91355	Torrance, CA 90509
Phone: (818) 246-2707	Phone:(714) 547-4301	Phone:(818) 246-2707	Phone:(310) 212-1714
Fax: (818) 246-3145	Fax: (714) 547-4647	Fax:(818) 246-3145	Fax:(310) 212-1702

PROJECT AND SAMPLE INFORMATION

PROJECT NUMBER: 0018.1069.0

Pre-Demolition ERM Survey: Augustus F. Hawkins Building

NUMBER OF SAMPLES: 23 **SAMPLE NUMBERS:** 155-177

TYPE OF SAMPLES (CIRCLE ONE): AIR TAPE WATER WIPE ZEFON ANDERSEN BULK SOIL AIR-O-CELL PLATE OTHER

TYPE OF ANALYSIS:

Asbestos

- ____ Phase Contrast Microscopy
- ✓ Polarized Light Microscopy
- ____ 1st Positive Stop
- ____ Point Count ____ 400 Point Count ____ 1000 Point Count
- ____ Transmission Electron Microscopy
- ____ Qualitative ____ Quantitive

Lead

- ____ Flame Atomic Absorption
- ____ TTLC ____ STLC ____ TCLP

Culturable Air

- ____ Andersen Fungi (genue ID, Aspergillus)
- ____ Andersen Bacteria

Non-Culturable Air

- ____ Non-Viable Spore Trap Slide

Surface Samples

- ____ Surface Sample (direct examination)

Culturable Samples

- ____ Quantitative Fungi-dust, bulk swab-1 medium
- ____ Quantitative Fungi-dust, bulk swab-3 media
- ____ Quantitative Bacteria-dust, bulk swab-1 medium
- ____ Quantitative Bacteria-dust, bulk, swab-3 media
- ____ E.coli and Coliforms (MUG)

Other ____

TURNAROUND TIME (CIRCLE ONE): Rush 12 HOURS 24 HOURS 48 HOURS 3 DAYS 5 DAYS 5-10 DAYS OTHER 6- hour

REPORT RESULTS VIA (CIRCLE ALL THAT APPLY): PHONE FAX WRITTEN REPORT PDF

NOTES/COMMENTS:

TRANSMITTAL RECORD:

Relinquished By:	Received By:
Jim Berardino	DFlores (Dropbox)
Date: 2-21-19 Time: 9:30 pm	Date: 2/22/19 Time: 8am
Relinquished By:	Received By:
Date: Time:	Date: Time:

LABORATORY INFORMATION: NAME: LA Testing LOCATION: S. Pasadena

DISPOSITION OF SAMPLES: ☐ RETURN ____ DAYS AFTER ANALYSIS ☐ OTHER ____

☐ RETAIN FOR ____ DAYS ☐ YEAR (S) ____

Revised 9/29/06

BULK SAMP DATA FORM

#321904879

PROJECT NO.: 0018.1069.0
CLIENT: LA County Department of Public Works
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DATE: 02/21/19
INSPECTOR(S): Jim Berardino
CSST/CAC NO: 15-5502

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CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
PPM1	155	Black	Pitch Pocket mastic	12021	Roof	NW	455	SF	NF	Good	N/A
PPM1	156	"	"	"	"	SE	"	"	"	"	"
PPM1	157	"	"	"	"	Center	"	"	"	"	"
misc10	158	Black	Flashing mastic	"	"	SE	380	SF	"	"	"
misc 10	159	"	"	"	"	Center - W	"	"	"	"	"
misc 10	160	"	"	"	"	NW	"	"	"	"	"
misc 11	161	Faded Black	"	"	"	Mech. penthouse NO.7 - S	140	SF	"	"	"
misc 11	162	"	"	"	"	" " -E	"	"	"	"	"
misc 11	163	"	"	"	"	mech penthouse NO. 46 - E	"	"	"	"	"
misc 12	164	white	Pipe Sealant at Terminated TSI Lines	"	"	Mech penthouse NO.7 - S	1,500	SF	F	Good	N/A
misc 12	165	"	"	"	"	NO. 08-09 - E	"	"	"	"	"
misc 12	166	"	"	"	"	" W	"	"	"	"	"
misc 12	167	"	"	"	"	NO. 01302 W	"	"	"	"	"
misc 12	168	"	"	"	"	NO 08-09 - S	"	"	"	"	"

OrderID: 321904879

#321904879

BULK SAMP DATA FORM

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CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
MISC 13	169	Bright White	Pipe Sealant at Terminated TSI Lines	12021	Roof	Mech Penthouse NO. 7 center	100	SF	F	Good	N/A
12VFT34	170	Blue-Grey	12x12 Floortile w/ specks		3	Rm 3054 W	240		NF		
FTM 34	171	Black	mastic								
12VFT34	172	Blue-gray	12 x 12 Floor tile w/ specks			SE					
FTM 34	173	Black	mastic								
12VFT34	174	Blue-Grey	12 x 12 Floor Tile w/ specks			NE					
FTM 34	175	Black	mastic								
12VFT20	176	Light Green	12x12 Floor Tile		1	1036 S	121	SF	NF	Good	N/A
FTM 20	177	Black	mastic								

OrderID: 321904879

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix F
Table 3.0 - Lead XRF SA Results

TABLE 3.0 - LEAD XRF SA RESULTS
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

READING NO	TIME	TYPE	UNITS	SEQUENCE	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	RESULTS	ACTION LEVEL	PBC
2	*2/5/2019 13:07*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
3	*2/5/2019 13:08*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
4	*2/5/2019 13:09*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.8*
5	2/5/2019 13:12	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	A	INTACT	WHITE	MLK	FIRST	NE CORRIDOR	NEGATIVE	0.7	0
6	2/5/2019 13:12	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	D	INTACT	WHITE	MLK	FIRST	NE CORRIDOR	NEGATIVE	0.7	0
7	2/5/2019 13:14	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	A	INTACT	PINK	MLK	FIRST	1040	NEGATIVE	0.7	0
8	2/5/2019 13:15	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	C	INTACT	PINK	MLK	FIRST	1039	NEGATIVE	0.7	0
9	2/5/2019 13:17	PAINT	MG / CM ^2	FINAL	DOOR	METAL	D	INTACT	YELLOW	MLK	FIRST	1037	NEGATIVE	0.7	0
10	**2/5/2019 13:18**	**PAINT**	**MG / CM ^2**	**FINAL**	**DOOR**	**METAL**	**A**	**INTACT**	**RED**	**MLK**	**FIRST**	**1038**	**LBP**	**0.7**	**0.7**
11	2/5/2019 13:20	PAINT	MG / CM ^2	FINAL	DOOR	METAL	C	INTACT	BEIGE	MLK	FIRST	1039	NEGATIVE	0.7	0
12	**2/5/2019 13:22**	**PAINT**	**MG / CM ^2**	**FINAL**	**DOOR**	**WOOD**	**A**	**INTACT**	**ORANGE**	**MLK**	**FIRST**	**NE CORRIDOR DOUBLE DOORS**	**LBP**	**0.7**	**0.9**
13	2/5/2019 13:51	PAINT	MG / CM ^2	FINAL	DOOR	METAL	A	INTACT	BEIGE	MLK	FIRST	N CORRIDOR DOUBLE DOORS	NEGATIVE	0.7	0
14	2/5/2019 13:51	PAINT	MG / CM ^2	FINAL	DOOR	METAL	A	INTACT	BEIGE	MLK	FIRST	N CORRIDOR DOUBLE DOORS	NEGATIVE	0.7	0
15	2/5/2019 13:52	PAINT	MG / CM ^2	FINAL	FIRE EXT CABINET	METAL	A	INTACT	BEIGE	MLK	FIRST	N CORRIDOR NEAR 1009	LCP	0.7	0.01
16	2/5/2019 14:12	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	B	INTACT	RED	MLK	FIRST	1004-A	NEGATIVE	0.7	0
17	2/5/2019 14:14	PAINT	MG / CM ^2	FINAL	WALL	CERAMIC	A	INTACT	YELLOW	MLK	FIRST	1004B	NEGATIVE	0.7	0
18	2/5/2019 14:15	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	A	INTACT	YELLOW	MLK	FIRST	1004B	NEGATIVE	0.7	0
19	2/5/2019 14:15	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	D	INTACT	BLUE	MLK	FIRST	1004B	LCP	0.7	0.01
20	2/5/2019 14:16	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	D	INTACT	WHITE	MLK	FIRST	1004B	LCP	0.7	0.02
21	**2/5/2019 14:16**	**PAINT**	**MG / CM ^2**	**FINAL**	**TOILET**	**CERAMIC**	**D**	**INTACT**	**WHITE**	**MLK**	**FIRST**	**1004B**	**LBP**	**0.7**	**2.2**
22	2/5/2019 14:18	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	C	INTACT	RED	MLK	FIRST	MAIN LOBBY	NEGATIVE	0.7	0
23	2/5/2019 14:19	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	C	INTACT	BLUE	MLK	FIRST	1002	LCP	0.7	0.01
24	2/5/2019 14:24	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	B	INTACT	BLACK	MLK	FIRST	T109	NEGATIVE	0.7	0
25	2/5/2019 14:25	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	LEFT	INTACT	GREY	MLK	FIRST	T109	NEGATIVE	0.7	0
26	**2/5/2019 14:25**	**PAINT**	**MG / CM ^2**	**FINAL**	**SINK**	**CERAMIC**	**C**	**INTACT**	**WHITE**	**MLK**	**FIRST**	**T109**	**LBP**	**0.7**	**4.7**
27	2/5/2019 14:26	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	C	INTACT	WHITE	MLK	FIRST	T109	NEGATIVE	0.7	0
28	2/5/2019 14:34	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	A	INTACT	GREY	MLK	FIRST	19 MENS RR	LCP	0.7	0.01
29	2/5/2019 14:35	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	B	INTACT	GREY	MLK	FIRST	19 MENS RR	NEGATIVE	0.7	0
30	2/5/2019 14:35	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	A	INTACT	WHITE	MLK	FIRST	19 MENS RR	LCP	0.7	0.01
31	2/5/2019 14:35	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	C	INTACT	WHITE	MLK	FIRST	19 MENS RR	LCP	0.7	0.01
32	2/5/2019 14:54	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	B	INTACT	BROWN	MLK	FIRST	1206	NEGATIVE	0.7	0
33	2/5/2019 14:54	PAINT	MG / CM ^2	FINAL	DOOR	METAL	B	INTACT	BROWN	MLK	FIRST	1206	NEGATIVE	0.7	0
34	2/5/2019 14:55	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	B	INTACT	WHITE	MLK	FIRST	1206	NEGATIVE	0.7	0
35	*2/5/2019 14:57*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
36	*2/5/2019 14:57*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
37	*2/5/2019 14:58*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
39	*2/6/2019 10:39*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
40	*2/6/2019 10:40*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
41	*2/6/2019 10:41*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
42	2/6/2019 10:51	PAINT	MG / CM ^2	FINAL	DOOR	METAL	B	INTACT	BROWN	MLK	FIRST	EXTERIOR	LCP	0.7	0.07
43	2/6/2019 10:51	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	B	INTACT	BROWN	MLK	FIRST	EXTERIOR	NEGATIVE	0.7	0
44	2/6/2019 10:53	PAINT	MG / CM ^2	FINAL	PATIO RETAINER WALL	CONCRETE	A	INTACT	WHITE	MLK	FIRST	EXTERIOR	NEGATIVE	0.7	0
45	2/6/2019 10:54	PAINT	MG / CM ^2	FINAL	DOOR	METAL	A	INTACT	BROWN	MLK	FIRST	EXTERIOR	NEGATIVE	0.7	0
46	2/6/2019 10:54	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	A	INTACT	BROWN	MLK	FIRST	EXTERIOR	LCP	0.7	0.03
47	2/6/2019 10:55	PAINT	MG / CM ^2	FINAL	CERAMIC TILE FLOOR	METAL	A	INTACT	BROWN	MLK	FIRST	EXTERIOR	NEGATIVE	0.7	0
48	2/6/2019 10:56	PAINT	MG / CM ^2	FINAL	HOSPITAL SIGN	METAL	A	INTACT	GREEN	MLK	FIRST	EXTERIOR	NEGATIVE	0.7	0
49	2/6/2019 10:56	PAINT	MG / CM ^2	FINAL	HOSPITAL SIGN	METAL	A	INTACT	GREY	MLK	FIRST	EXTERIOR	NEGATIVE	0.7	0
50	2/6/2019 11:01	PAINT	MG / CM ^2	FINAL	DOOR	METAL	D	INTACT	BEIGE	MLK	FIRST	EXTERIOR	NEGATIVE	0.7	0
51	2/6/2019 11:01	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	D	INTACT	BEIGE	MLK	FIRST	EXTERIOR	LCP	0.7	0.01
52	2/6/2019 11:02	PAINT	MG / CM ^2	FINAL	PIPE CAGE	METAL	D	INTACT	GREEN	MLK	FIRST	EXTERIOR	NEGATIVE	0.7	0

TABLE 3.0 - LEAD XRF SA RESULTS
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

READING NO	TIME	TYPE	UNITS	SEQUENCE	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	RESULTS	ACTION LEVEL	PBC
53	2/6/2019 11:03	PAINT	MG / CM ^2	FINAL	DOOR	METAL	C	INTACT	BROWN	MLK	FIRST	EXTERIOR	LCP	0.7	0.01
54	2/6/2019 11:03	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	C	INTACT	BROWN	MLK	FIRST	EXTERIOR	NEGATIVE	0.7	0
56	2/6/2019 11:16	PAINT	MG / CM ^2	FINAL	DOOR	METAL	A	INTACT	BLUE	MLK	FIRST	SW STAIRWELL	NEGATIVE	0.7	0
57	2/6/2019 11:17	PAINT	MG / CM ^2	FINAL	HANDRAIL	METAL	C	INTACT	BROWN	MLK	FIRST	SW STAIRWELL	NEGATIVE	0.7	0
58	2/6/2019 11:18	PAINT	MG / CM ^2	FINAL	HANDRAIL	METAL	B	INTACT	BROWN	MLK	FIRST	SW STAIRWELL BASEMENT	LCP	0.7	0.01
59	2/6/2019 11:18	PAINT	MG / CM ^2	FINAL	WALL	CONCRETE	B	INTACT	WHITE	MLK	FIRST	SW STAIRWELL BASEMENT	NEGATIVE	0.7	0
61	2/6/2019 11:21	PAINT	MG / CM ^2	FINAL	WALL	CONCRETE	B	PEELING	BEIGE	MLK	BASEMENT	PUMP ROOM 1	NEGATIVE	0.7	0
62	2/6/2019 11:23	PAINT	MG / CM ^2	FINAL	GENERATOR	METAL	B	INTACT	GREEN	MLK	BASEMENT	B002 GENERATOR ROOM	LCP	0.7	0.14
66	2/6/2019 11:25	PAINT	MG / CM ^2	FINAL	WALL	CONCRETE	D	INTACT	WHITE	MLK	BASEMENT	B002 GENERATOR ROOM	NEGATIVE	0.7	0
67	2/6/2019 11:26	PAINT	MG / CM ^2	FINAL	DOOR	METAL	A	INTACT	BROWN	MLK	BASEMENT	B002 GENERATOR ROOM	NEGATIVE	0.7	0
68	2/6/2019 11:26	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	A	INTACT	BROWN	MLK	BASEMENT	B002 GENERATOR ROOM	LCP	0.7	0.02
69	2/6/2019 11:28	PAINT	MG / CM ^2	FINAL	AIR HANDLER AH-6	METAL	C	INTACT	GREY	MLK	BASEMENT	B002 GENERATOR ROOM	NEGATIVE	0.7	0
70	2/6/2019 11:32	PAINT	MG / CM ^2	FINAL	WALL PANEL	METAL	B	PEELING	BEIGE	MLK	BASEMENT	AREA WAY	LCP	0.7	0.03
71	2/6/2019 11:32	PAINT	MG / CM ^2	FINAL	DOOR	METAL	A	INTACT	BROWN	MLK	BASEMENT	AREA WAY	NEGATIVE	0.7	0
72	2/6/2019 11:35	PAINT	MG / CM ^2	FINAL	ENCASEMENT FRAME EF-29	METAL	D	INTACT	WHITE	MLK	BASEMENT	PUMP ROOM 1	NEGATIVE	0.7	0
73	*2/6/2019 12:02*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
76	*2/6/2019 12:04*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
77	*2/6/2019 12:05*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
2	*2/11/2019 15:52*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
3	*2/11/2019 15:54*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1.2*
4	*2/11/2019 15:57*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1.3*
5	2/11/2019 16:02	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	A	INTACT	BLACK	MLK	THIRD	3002-A	NEGATIVE	0.7	0
6	2/11/2019 16:03	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	B	INTACT	BROWN	MLK	THIRD	3002-A	NEGATIVE	0.7	0
7	**2/11/2019 16:04**	**PAINT**	**MG / CM ^2**	**FINAL**	**SINK**	**CERAMIC**	**D**	**INTACT**	**WHITE**	**MLK**	**THIRD**	**3002-A**	**LBP**	**0.7**	**1.2**
8	2/11/2019 16:04	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	D	INTACT	WHITE	MLK	THIRD	3002-A	NEGATIVE	0.7	0
9	2/11/2019 16:06	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	D	INTACT	RED	MLK	THIRD	3002	LCP	0.7	0.6
10	2/11/2019 16:07	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	RED	MLK	THIRD	3004	LCP	0.7	0.6
11	2/11/2019 16:08	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	BEIGE	MLK	THIRD	3004-D	NEGATIVE	0.7	0
12	2/11/2019 16:10	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	A	INTACT	WHITE	MLK	THIRD	S-HALLWAY	NEGATIVE	0.7	0
13	2/11/2019 16:11	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	GREEN	MLK	THIRD	3034	LCP	0.7	0.29
14	2/11/2019 16:13	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	A	INTACT	BEIGE	MLK	THIRD	3055	NEGATIVE	0.7	0
15	2/11/2019 16:13	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	A	INTACT	WHITE	MLK	THIRD	3055	LCP	0.7	0.02
16	2/11/2019 16:14	PAINT	MG / CM ^2	FINAL	CABINETS	METAL	B	INTACT	LIGHT BLUE	MLK	THIRD	3055	NEGATIVE	0.7	0
18	2/11/2019 16:15	PAINT	MG / CM ^2	FINAL	FUME HOOD	METAL	B	INTACT	LIGHT BLUE	MLK	THIRD	3055	LCP	0.7	0.02
19	2/11/2019 16:16	PAINT	MG / CM ^2	FINAL	CABINETS	METAL	B	INTACT	LIGHT BLUE	MLK	THIRD	3055	NEGATIVE	0.7	0
20	2/11/2019 16:16	PAINT	MG / CM ^2	FINAL	CABINETS	METAL	B	INTACT	GREEN	MLK	THIRD	3055	NEGATIVE	0.7	0
22	2/11/2019 16:17	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	B	INTACT	BEIGE	MLK	THIRD	3055	NEGATIVE	0.7	0
23	2/11/2019 16:20	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	WHITE	MLK	THIRD	3096	NEGATIVE	0.7	0
24	2/11/2019 16:21	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	B	INTACT	BROWN	MLK	THIRD	3096	LCP	0.7	0.01
26	2/11/2019 16:21	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	B	INTACT	BEIGE	MLK	THIRD	3096	NEGATIVE	0.7	0
28	2/11/2019 16:23	PAINT	MG / CM ^2	FINAL	CABINETS	METAL	A	INTACT	ORANGE	MLK	THIRD	3096	NEGATIVE	0.7	0
29	**2/11/2019 16:26**	**PAINT**	**MG / CM ^2**	**FINAL**	**DOOR**	**LAMINATE**	**C**	**INTACT**	**ORANGE**	**MLK**	**THIRD**	**3108-A**	**LBP**	**0.7**	**0.8**
30	2/11/2019 16:27	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	BLUE	MLK	THIRD	3043	LCP	0.7	0.5
31	2/11/2019 16:28	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	GREEN	MLK	THIRD	3044	LCP	0.7	0.4
32	2/11/2019 16:29	PAINT	MG / CM ^2	FINAL	FIRE EXTINGUISHER ENCASEMENT	METAL	B	INTACT	WHITE	MLK	THIRD	NEAR 3041	NEGATIVE	0.7	0
33	**2/11/2019 16:32**	**PAINT**	**MG / CM ^2**	**FINAL**	**DOOR**	**LAMINATE**	**C**	**INTACT**	**ORANGE**	**MLK**	**THIRD**	**3108-A**	**LBP**	**0.7**	**0.8**
34	2/11/2019 16:33	PAINT	MG / CM ^2	FINAL	HANDRAIL	METAL	B	INTACT	GRAY	MLK	THIRD	NE STAIRWELL	LCP	0.7	0.21
35	**2/11/2019 16:35**	**PAINT**	**MG / CM ^2**	**FINAL**	**DOOR**	**LAMINATE**	**C**	**INTACT**	**RED**	**MLK**	**THIRD**	**3009**	**LBP**	**0.7**	**1.2**
36	2/11/2019 16:35	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	YELLOW	MLK	THIRD	3007	LCP	0.7	0.04
37	*2/11/2019 16:41*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*

TABLE 3.0 - LEAD XRF SA RESULTS
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

READING NO	TIME	TYPE	UNITS	SEQUENCE	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	RESULTS	ACTION LEVEL	PBC
38	*2/11/2019 16:44*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
39	*2/11/2019 16:47*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
41	*2/12/2019 9:29*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
42	*2/12/2019 9:32*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
43	*2/12/2019 9:35*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
44	2/12/2019 9:36	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	A	INTACT	YELLOW	MLK	SECOND	2163	LCP	0.7	0.05
45	**2/12/2019 9:37**	**PAINT**	**MG / CM ^2**	**FINAL**	**TOILET**	**CERAMIC**	**C**	**INTACT**	**WHITE**	**MLK**	**SECOND**	**2163**	**LBP**	**0.7**	**1.8**
46	**2/12/2019 9:42**	**PAINT**	**MG / CM ^2**	**FINAL**	**CABINETS**	**LAMINATE**	**D**	**INTACT**	**ORANGE**	**MLK**	**SECOND**	**2163**	**LBP**	**0.7**	**0.8**
47	2/12/2019 9:43	PAINT	MG / CM ^2	FINAL	BASEBOARD	CERAMIC	A	INTACT	YELLOW	MLK	SECOND	2163	LCP	0.7	0.01
48	2/12/2019 9:44	PAINT	MG / CM ^2	FINAL	COLUMN	LAMINATE	A	INTACT	BEIGE	MLK	SECOND	2163	NEGATIVE	0.7	0
49	2/12/2019 9:44	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	A	INTACT	WHITE	MLK	SECOND	2163	LCP	0.7	0.01
50	2/12/2019 9:45	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	YELLOW	MLK	SECOND	2164	NEGATIVE	0.7	0
51	2/12/2019 9:46	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	A	INTACT	WHITE	MLK	SECOND	2164	LCP	0.7	0.01
52	2/12/2019 9:47	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	B	INTACT	WHITE	MLK	SECOND	2164	NEGATIVE	0.7	0
53	2/12/2019 9:47	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	C	INTACT	WHITE	MLK	SECOND	2164	NEGATIVE	0.7	0
54	2/12/2019 9:48	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	D	INTACT	WHITE	MLK	SECOND	2164	NEGATIVE	0.7	0
55	2/12/2019 9:49	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	C	INTACT	BROWN	MLK	SECOND	2164-A	LCP	0.7	0.04
56	2/12/2019 9:50	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	LEFT	INTACT	PURPLE	MLK	SECOND	2164-A	NEGATIVE	0.7	0
57	2/12/2019 9:51	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	A	INTACT	WHITE	MLK	SECOND	2164-A	LCP	0.7	0.03
58	2/12/2019 9:51	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	C	INTACT	WHITE	MLK	SECOND	2164-A	NEGATIVE	0.7	0
60	2/12/2019 10:05	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	BROWN	MLK	SECOND	2092	LCP	0.7	0.4
61	2/12/2019 10:05	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	B	INTACT	PINK	MLK	SECOND	2092	LCP	0.7	0.01
62	2/12/2019 10:16	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	A	INTACT	GREY	MLK	SECOND	2150-A	LCP	0.7	0.01
63	2/12/2019 10:16	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	A	INTACT	GREY	MLK	SECOND	2150-A	NEGATIVE	0.7	0
64	**2/12/2019 10:17**	**PAINT**	**MG / CM ^2**	**FINAL**	**SINK**	**CERAMIC**	**A**	**INTACT**	**GREY**	**MLK**	**SECOND**	**2150-A**	**LBP**	**0.7**	**2.1**
65	2/12/2019 10:17	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	C	INTACT	WHITE	MLK	SECOND	2150-A	LCP	0.7	0.03
66	2/12/2019 10:18	PAINT	MG / CM ^2	FINAL	URINAL	CERAMIC	C	INTACT	WHITE	MLK	SECOND	2150-A	LCP	0.7	0.01
67	2/12/2019 10:20	PAINT	MG / CM ^2	FINAL	DOORS	LAMINATE	A	INTACT	PINK	MLK	SECOND	2112	NEGATIVE	0.7	0
68	2/12/2019 10:23	PAINT	MG / CM ^2	FINAL	DOORS	LAMINATE	B	INTACT	YELLOW	MLK	SECOND	2113-B	LCP	0.7	0.05
69	2/12/2019 10:30	PAINT	MG / CM ^2	FINAL	DOORS	LAMINATE	B	INTACT	GREEN	MLK	SECOND	2082	LCP	0.7	0.4
70	2/12/2019 10:31	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	B	INTACT	PINK	MLK	SECOND	2082	LCP	0.7	0.01
71	2/12/2019 10:33	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	C	INTACT	WHITE	MLK	SECOND	HALLWAY 2082	NEGATIVE	0.7	0
72	2/12/2019 10:42	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	A	INTACT	YELLOW	MLK	SECOND	HALLWAY 2082	NEGATIVE	0.7	0
73	**2/12/2019 10:44**	**PAINT**	**MG / CM ^2**	**FINAL**	**CABINETS**	**LAMINATE**	**A**	**INTACT**	**ORANGE**	**MLK**	**SECOND**	**2175**	**LBP**	**0.7**	**0.8**
74	2/12/2019 10:54	PAINT	MG / CM ^2	FINAL	BATHTUB	CERAMIC	A	INTACT	WHITE	MLK	SECOND	2139	LCP	0.7	0.02
75	2/12/2019 10:57	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	B	INTACT	BEIGE	MLK	SECOND	2139	NEGATIVE	0.7	0
76	2/12/2019 10:58	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	B	INTACT	BROWN	MLK	SECOND	2139	NEGATIVE	0.7	0
77	2/12/2019 11:24	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	BLUE	MLK	SECOND	2014	LCP	0.7	0.4
78	2/12/2019 11:25	PAINT	MG / CM ^2	FINAL	WALL PANEL	METAL	C	INTACT	PURPLE	MLK	SECOND	HALLWAY OUTSIDE 2014	LCP	0.7	0.01
79	*2/12/2019 12:01*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
80	*2/12/2019 12:04*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
81	*2/12/2019 12:07*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
83	*2/12/2019 14:43*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
84	*2/12/2019 14:48*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
85	*2/12/2019 15:00*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*0.9*
86	2/12/2019 15:05	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	GREEN	MLK	SECOND	HALLWAY OUTSIDE RM 2068	NEGATIVE	0.7	0
87	2/12/2019 15:06	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	A	INTACT	WHITE	MLK	SECOND	2069	NEGATIVE	0.7	0
88	2/12/2019 15:06	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	A	INTACT	YELLOW	MLK	SECOND	2069	LCP	0.7	0.01
89	2/12/2019 15:08	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	A	INTACT	YELLOW	MLK	SECOND	HALLWAY NEAR RM2077	NEGATIVE	0.7	0
90	2/12/2019 15:08	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	C	INTACT	YELLOW	MLK	SECOND	HALLWAY NEAR RM2077	NEGATIVE	0.7	0

TABLE 3.0 - LEAD XRF SA RESULTS
AUGUST F. HAWKINS BUILDING
MARTIN LUTHER KING, JR. MEDICAL CENTER
12021 SOUTH WILMINGTON AVENUE
LOS ANGELES, CALIFORNIA

READING NO	TIME	TYPE	UNITS	SEQUENCE	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	RESULTS	ACTION LEVEL	PBC
91	2/12/2019 15:14	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	BEIGE	MLK	SECOND	HALLWAY NEAR RM 2080	NEGATIVE	0.7	0
92	2/12/2019 15:15	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	A	INTACT	GREEN	MLK	SECOND	2060	LCP	0.7	0.4
93	2/12/2019 15:18	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	A	INTACT	BEIGE	MLK	SECOND	2060-B	LCP	0.7	0.01
94	2/12/2019 15:18	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	D	INTACT	PURPLE	MLK	SECOND	2060-B	NEGATIVE	0.7	0
95	2/12/2019 15:19	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	D	INTACT	PURPLE	MLK	SECOND	2060-B	LCP	0.7	0.01
96	2/12/2019 15:19	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	C	INTACT	PURPLE	MLK	SECOND	2060-B	LCP	0.7	0.05
97	2/12/2019 16:03	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	LEFT	INTACT	ORANGE	MLK	SECOND	2056	NEGATIVE	0.7	0
99	*2/12/2019 16:07*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
100	*2/12/2019 16:10*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*
101	*2/12/2019 16:13*	*PAINT*	*MG / CM ^2*	*FINAL*			*CALIBRATE*						*POSITIVE*	*0.7*	*1*

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix G
Table 3.1 - Lead XRF Results - LBP (Positive)

TABLE 3.1 - LEAD XRF SA RESULTS

LEAD-BASED PAINTS (≥0.7 MG/CM^2)

AUGUST F. HAWKINS BUILDING

MARTIN LUTHER KING, JR. MEDICAL CENTER

12021 SOUTH WILMINGTON AVENUE

LOS ANGELES, CALIFORNIA

READING NO	TIME	TYPE	UNITS	SEQUENCE	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	RESULTS	ACTION LEVEL	PBC
46	2/12/2019 9:42	PAINT	MG / CM ^2	FINAL	CABINETS	LAMINATE	D	INTACT	ORANGE	MLK	SECOND	2163	LBP	0.7	0.8
73	2/12/2019 10:44	PAINT	MG / CM ^2	FINAL	CABINETS	LAMINATE	A	INTACT	ORANGE	MLK	SECOND	2175	LBP	0.7	0.8
29	2/11/2019 16:26	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	ORANGE	MLK	THIRD	3108-A	LBP	0.7	0.8
33	2/11/2019 16:32	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	ORANGE	MLK	THIRD	3108-A	LBP	0.7	0.8
35	2/11/2019 16:35	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	RED	MLK	THIRD	3009	LBP	0.7	1.2
10	2/5/2019 13:18	PAINT	MG / CM ^2	FINAL	DOOR	METAL	A	INTACT	RED	MLK	FIRST	1038	LBP	0.7	0.7
12	2/5/2019 13:22	PAINT	MG / CM ^2	FINAL	DOOR	WOOD	A	INTACT	ORANGE	MLK	FIRST	NE CORRIDOR DOUBLE DOORS	LBP	0.7	0.9
26	2/5/2019 14:25	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	C	INTACT	WHITE	MLK	FIRST	T109	LBP	0.7	4.7
7	2/11/2019 16:04	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	D	INTACT	WHITE	MLK	THIRD	3002-A	LBP	0.7	1.2
64	2/12/2019 10:17	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	A	INTACT	GREY	MLK	SECOND	2150-A	LBP	0.7	2.1
21	2/5/2019 14:16	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	D	INTACT	WHITE	MLK	FIRST	1004B	LBP	0.7	2.2
45	2/12/2019 9:37	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	C	INTACT	WHITE	MLK	SECOND	2163	LBP	0.7	1.8

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix H
Table 3.2 - Lead XRF Results (LCP)

TABLE 3.2 - LEAD XRF SA RESULTS

LEAD-CONTAINING PAINTS (≥0.01 MG/CM^2 AND <0.7 MG/CM^2)

AUGUST F. HAWKINS BUILDING

MARTIN LUTHER KING, JR. MEDICAL CENTER

12021 SOUTH WILMINGTON AVENUE

LOS ANGELES, CALIFORNIA

READING NO	TIME	TYPE	UNITS	SEQUENCE	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	RESULTS	ACTION LEVEL	PBC
15	2/5/2019 13:52	PAINT	MG / CM ^2	FINAL	FIRE EXT CABINET	METAL	A	INTACT	BEIGE	MLK	FIRST	N CORRIDOR NEAR 1009	LCP	0.7	0.01
19	2/5/2019 14:15	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	D	INTACT	BLUE	MLK	FIRST	1004B	LCP	0.7	0.01
20	2/5/2019 14:16	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	D	INTACT	WHITE	MLK	FIRST	1004B	LCP	0.7	0.02
23	2/5/2019 14:19	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	C	INTACT	BLUE	MLK	FIRST	1002	LCP	0.7	0.01
28	2/5/2019 14:34	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	A	INTACT	GREY	MLK	FIRST	19 MENS RR	LCP	0.7	0.01
30	2/5/2019 14:35	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	A	INTACT	WHITE	MLK	FIRST	19 MENS RR	LCP	0.7	0.01
31	2/5/2019 14:35	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	C	INTACT	WHITE	MLK	FIRST	19 MENS RR	LCP	0.7	0.01
42	2/6/2019 10:51	PAINT	MG / CM ^2	FINAL	DOOR	METAL	B	INTACT	BROWN	MLK	FIRST	EXTERIOR	LCP	0.7	0.07
46	2/6/2019 10:54	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	A	INTACT	BROWN	MLK	FIRST	EXTERIOR	LCP	0.7	0.03
51	2/6/2019 11:01	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	D	INTACT	BEIGE	MLK	FIRST	EXTERIOR	LCP	0.7	0.01
53	2/6/2019 11:03	PAINT	MG / CM ^2	FINAL	DOOR	METAL	C	INTACT	BROWN	MLK	FIRST	EXTERIOR	LCP	0.7	0.01
58	2/6/2019 11:18	PAINT	MG / CM ^2	FINAL	HANDRAIL	METAL	B	INTACT	BROWN	MLK	FIRST	SW STAIRWELL BASEMENT	LCP	0.7	0.01
62	2/6/2019 11:23	PAINT	MG / CM ^2	FINAL	GENERATOR	METAL	B	INTACT	GREEN	MLK	BASEMENT	B002 GENERATOR ROOM	LCP	0.7	0.14
68	2/6/2019 11:26	PAINT	MG / CM ^2	FINAL	DOOR JAM	METAL	A	INTACT	BROWN	MLK	BASEMENT	B002 GENERATOR ROOM	LCP	0.7	0.02
70	2/6/2019 11:32	PAINT	MG / CM ^2	FINAL	WALL PANEL	METAL	B	PEELING	BEIGE	MLK	BASEMENT	AREA WAY	LCP	0.7	0.03
9	2/11/2019 16:06	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	D	INTACT	RED	MLK	THIRD	3002	LCP	0.7	0.6
10	2/11/2019 16:07	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	RED	MLK	THIRD	3004	LCP	0.7	0.6
13	2/11/2019 16:11	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	GREEN	MLK	THIRD	3034	LCP	0.7	0.29
15	2/11/2019 16:13	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	A	INTACT	WHITE	MLK	THIRD	3055	LCP	0.7	0.02
18	2/11/2019 16:15	PAINT	MG / CM ^2	FINAL	FUME HOOD	METAL	B	INTACT	LIGHT BLUE	MLK	THIRD	3055	LCP	0.7	0.02
24	2/11/2019 16:21	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	B	INTACT	BROWN	MLK	THIRD	3096	LCP	0.7	0.01
30	2/11/2019 16:27	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	BLUE	MLK	THIRD	3043	LCP	0.7	0.5
31	2/11/2019 16:28	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	GREEN	MLK	THIRD	3044	LCP	0.7	0.4
34	2/11/2019 16:33	PAINT	MG / CM ^2	FINAL	HANDRAIL	METAL	B	INTACT	GRAY	MLK	THIRD	NE STAIRWELL	LCP	0.7	0.21
36	2/11/2019 16:35	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	YELLOW	MLK	THIRD	3007	LCP	0.7	0.04
44	2/12/2019 9:36	PAINT	MG / CM ^2	FINAL	FLOOR TILE	CERAMIC	A	INTACT	YELLOW	MLK	SECOND	2163	LCP	0.7	0.05
47	2/12/2019 9:43	PAINT	MG / CM ^2	FINAL	BASEBOARD	CERAMIC	A	INTACT	YELLOW	MLK	SECOND	2163	LCP	0.7	0.01
49	2/12/2019 9:44	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	A	INTACT	WHITE	MLK	SECOND	2163	LCP	0.7	0.01
51	2/12/2019 9:46	PAINT	MG / CM ^2	FINAL	WALL	PLASTER	A	INTACT	WHITE	MLK	SECOND	2164	LCP	0.7	0.01
55	2/12/2019 9:49	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	C	INTACT	BROWN	MLK	SECOND	2164-A	LCP	0.7	0.04
57	2/12/2019 9:51	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	A	INTACT	WHITE	MLK	SECOND	2164-A	LCP	0.7	0.03
60	2/12/2019 10:05	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	B	INTACT	BROWN	MLK	SECOND	2092	LCP	0.7	0.4
61	2/12/2019 10:05	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	B	INTACT	PINK	MLK	SECOND	2092	LCP	0.7	0.01
62	2/12/2019 10:16	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	A	INTACT	GREY	MLK	SECOND	2150-A	LCP	0.7	0.01
65	2/12/2019 10:17	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	C	INTACT	WHITE	MLK	SECOND	2150-A	LCP	0.7	0.03
66	2/12/2019 10:18	PAINT	MG / CM ^2	FINAL	URINAL	CERAMIC	C	INTACT	WHITE	MLK	SECOND	2150-A	LCP	0.7	0.01
68	2/12/2019 10:23	PAINT	MG / CM ^2	FINAL	DOORS	LAMINATE	B	INTACT	YELLOW	MLK	SECOND	2113-B	LCP	0.7	0.05
69	2/12/2019 10:30	PAINT	MG / CM ^2	FINAL	DOORS	LAMINATE	B	INTACT	GREEN	MLK	SECOND	2082	LCP	0.7	0.4
70	2/12/2019 10:31	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	B	INTACT	PINK	MLK	SECOND	2082	LCP	0.7	0.01
74	2/12/2019 10:54	PAINT	MG / CM ^2	FINAL	BATHTUB	CERAMIC	A	INTACT	WHITE	MLK	SECOND	2139	LCP	0.7	0.02
77	2/12/2019 11:24	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	C	INTACT	BLUE	MLK	SECOND	2014	LCP	0.7	0.4
78	2/12/2019 11:25	PAINT	MG / CM ^2	FINAL	WALL PANEL	METAL	C	INTACT	PURPLE	MLK	SECOND	HALLWAY OUTSIDE 2014	LCP	0.7	0.01
88	2/12/2019 15:06	PAINT	MG / CM ^2	FINAL	DOOR FRAME	METAL	A	INTACT	YELLOW	MLK	SECOND	2069	LCP	0.7	0.01
92	2/12/2019 15:15	PAINT	MG / CM ^2	FINAL	DOOR	LAMINATE	A	INTACT	GREEN	MLK	SECOND	2060	LCP	0.7	0.4
93	2/12/2019 15:18	PAINT	MG / CM ^2	FINAL	WALL TILE	CERAMIC	A	INTACT	BEIGE	MLK	SECOND	2060-B	LCP	0.7	0.01
95	2/12/2019 15:19	PAINT	MG / CM ^2	FINAL	SINK	CERAMIC	D	INTACT	PURPLE	MLK	SECOND	2060-B	LCP	0.7	0.01
96	2/12/2019 15:19	PAINT	MG / CM ^2	FINAL	TOILET	CERAMIC	C	INTACT	PURPLE	MLK	SECOND	2060-B	LCP	0.7	0.05

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix I
PCB Bulk Sample Results

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Citadel Environmental Services, Inc
1725 Victory Boulevard
Glendale, CA 91201-

Telephone: (818)246-2707
Attention: Jack Samuels

Number of Pages	**4**
Date Received	**04/23/2019**
Date Reported	**04/25/2019**

Job Number	Order Date	Client
97391	04/23/2019	CES

Project ID: HAWKINS BUILDING PCB
Project Name: Hawkins Building PCB
Site: 1720 E. 120th St.
Los Angeles, CA 90059

Enclosed please find results of analyses of 4 solid samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.
2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840

CHAIN OF CUSTODY RECORD

COMPANY: Citadel Environmental | PHONE: 562-599-9918
PROJECT MANAGER: Jack Samuels | FAX:
PROJECT NAME: Hawkins Building PCB | PROJECT #:
SITE NAME AND ADDRESS: 1720 E 120th St, Los Angeles, CA 90059

AETL JOB No. 97391 | Page 1 of 1

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1	041719-001	97391.01	04-17-19	0915	Caulk	4 oz	ICE
2	041719-002	97391.02	"	0924	"	"	"
3	041719-003	97391.03	"	0942	"	"	"
4	041719-004	97391.04	"	0948	"	"	"
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

ANALYSIS REQUESTED: EPA 8082

TEST INSTRUCTIONS & COMMENTS:
1 Wall Panel - North
2 Wall Panel - South
3 Window - East
4 Window - South

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	4	PROPERLY COOLED (Y) / N / NA	
CUSTODY SEALS Y / (N) / NA		SAMPLES INTACT (Y) / N / NA	
RECEIVED IN GOOD COND. (Y) / N		SAMPLES ACCEPTED (Y) / N	

TURN AROUND TIME

☐ NORMAL ☑ RUSH ☐ SAME DAY ☑ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

	1.	2.	3.
RELINQUISHED BY SAMPLER:	Signature: [signature] Printed Name: Juan Magallon Date: 4/23/19 Time: 1320	Signature: Printed Name: Date: Time:	Signature: Printed Name: Date: Time:
RECEIVED BY:	Signature: Printed Name: Date: Time:	Signature: Printed Name: Date: Time:	RECEIVED BY LABORATORY: AETL Signature: [signature] Printed Name: Sergey Date: 4/23/19 Time: 1320

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

COOLER RECEIPT FORM

Client Name: Citadel

Project Name:

AETL Job Number: 92391

Date Received: 4/23/19 Received by: Sergey

Carrier: ☐ AETL Courier ☑ Client ☐ GSO ☐ FedEx ☐ UPS
☐ Others:

Samples were received in: ☑ Cooler (1) ☐ Other (Specify):

Inside temperature of shipping container No 1: 33°F, No 2: _____, No 3: _____

Type of sample containers: ☐ VOA, ☐ Glass bottles, ☐ ☑ Wide mouth jars, ☐ ☐ HDPE bottles, ☐ Metal sleeves, ☐ Others (Specify): _____

How are samples preserved: ☐ None, ☑ Ice , ☐ Blue Ice, ☐ Dry Ice
☑ None, ☐ HNO_3, ☐ NaOH, ☐ ZnOAc, ☐ HCl, ☐ $Na_2S_2O_3$, ☐ MeOH
☐ Other (Specify):

	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	✓		
2. Are the Sample labels legible?	✓		
3. Do samples match the COC?	✓		
4. Are the required analyses clear?	✓		
5. Is there enough samples for required analysis?	✓		
6. Are samples sealed with evidence tape?		✓	
7. Are sample containers in good condition?	✓		
8. Are samples preserved?		✓	
9. Are samples preserved properly for the intended analysis?	✓		
10. Are the VOAs free of headspace?	NA		
11. Are the jars free of headspace?		✓	

Explain all "No" answers for above questions:

American Environmental Testing Laboratory Inc.
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Ordered By

Citadel Environmental Services, Inc
1725 Victory Boulevard
Glendale, CA 91201-

Telephone: (818)246-2707
Attention: Jack Samuels

Project ID: HAWKINS BUILDING PCB
Date Received 04/23/2019
Date Reported 04/25/2019

Job Number	Order Date	Client
97391	04/23/2019	CES

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 4 samples with the following specification on 04/23/2019.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
97391.01	041719.001	04/17/2019	Solid	1
97391.02	041719.002	04/17/2019	Solid	1
97391.03	041719.003	04/17/2019	Solid	1
97391.04	041719.004	04/17/2019	Solid	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(8082)	04/24/2019	2	Rush	ug/Kg

The samples were analyzed as specified on the enclosed chain of custody.
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Citadel Environmental Services, Inc
1725 Victory Boulevard
Glendale, CA 91201-

Telephone: (818)246-2707
Attn: Jack Samuels

Site

1720 E. 120th St.
Los Angeles, CA 90059

Page: **2**

Project ID: HAWKINS BUILDING PCB
Project Name: Hawkins Building PCB

AETL Job Number	Submitted	Client
97391	04/23/2019	CES

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042419

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			04/24/2019				
Preparation Method			3550B				
Date Analyzed			04/24/2019				
Matrix			Solid				
Units			ug/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Aroclor-1016 (PCB-1016)	20.0	50.0	ND				
Aroclor-1221 (PCB-1221)	20.0	50.0	ND				
Aroclor-1232 (PCB-1232)	20.0	50.0	ND				
Aroclor-1242 (PCB-1242)	20.0	50.0	ND				
Aroclor-1248 (PCB-1248)	20.0	50.0	ND				
Aroclor-1254 (PCB-1254)	20.0	50.0	ND				
Aroclor-1260 (PCB-1260)	20.0	50.0	ND				
Aroclor-1262 (PCB-1262)	20.0	50.0	ND				
Aroclor-1268 (PCB-1268)	20.0	50.0	ND				
Our Lab I.D.			Method Blank				
Surrogates	**%Rec.Limit**		**% Rec.**				
Decachlorobiphenyl	30-150		124				
Tetrachloro-m-xylene	30-150		105				

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Citadel Environmental Services, Inc
1725 Victory Boulevard
Glendale, CA 91201-

Telephone: (818)246-2707
Attn: Jack Samuels
Page: 3

Site

1720 E. 120th St.
Los Angeles, CA 90059

Project ID: HAWKINS BUILDING PCB
Project Name: Hawkins Building PCB

AETL Job Number	Submitted	Client
97391	04/23/2019	CES

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042419

Our Lab I.D.			97391.01	97391.02	97391.03	97391.04	
Client Sample I.D.			041719.001	041719.002	041719.003	041719.004	
Date Sampled			04/17/2019	04/17/2019	04/17/2019	04/17/2019	
Date Prepared			04/24/2019	04/24/2019	04/24/2019	04/24/2019	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			04/24/2019	04/24/2019	04/24/2019	04/24/2019	
Matrix			Solid	Solid	Solid	Solid	
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			10	10	10	10	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
Aroclor-1016 (PCB-1016)	200	500	ND	ND	ND	ND	
Aroclor-1221 (PCB-1221)	200	500	ND	ND	ND	ND	
Aroclor-1232 (PCB-1232)	200	500	ND	ND	ND	ND	
Aroclor-1242 (PCB-1242)	200	500	ND	ND	ND	ND	
Aroclor-1248 (PCB-1248)	200	500	ND	ND	ND	ND	
Aroclor-1254 (PCB-1254)	200	500	ND	ND	ND	ND	
Aroclor-1260 (PCB-1260)	200	500	ND	ND	ND	ND	
Aroclor-1262 (PCB-1262)	200	500	ND	ND	ND	ND	
Aroclor-1268 (PCB-1268)	200	500	ND	ND	ND	ND	

Comment(s):
97391.01: Analyzed under dilution due to matrix interference 97391.02: Analyzed under dilution due to matrix interference 97391.03: Analyzed under dilution due to matrix interference 97391.04: Analyzed under dilution due to matrix interference

Our Lab I.D.			97391.01	97391.02	97391.03	97391.04	
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	
Decachlorobiphenyl	30-150		116	99.6	130	88.6	
Tetrachloro-m-xylene	30-150		93.6	95.2	148	110	

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Citadel Environmental Services, Inc
1725 Victory Boulevard
Glendale, CA 91201-

Telephone: (818)246-2707
Attn: Jack Samuels
Page: **4**

Site

1720 E. 120th St.
Los Angeles, CA 90059

Project ID: HAWKINS BUILDING PCB
Project Name: Hawkins Building PCB

AETL Job Number	Submitted	Client
97391	04/23/2019	CES

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042419; LCS: Blank; LCS Prepared: 04/24/2019; LCS Analyzed: 04/24/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Aroclor-1016 (PCB-1016)	500	408	81.6	500	433	86.6	5.9	50-150	<40	
Aroclor-1260 (PCB-1260)	500	471	94.2	500	491	98.2	4.2	50-150	<40	
Surrogates										
Decachlorobiphenyl	25.0	27.0	108	25.0	30.0	120	10.5	30-150	<40	
Tetrachloro-m-xylene	25.0	26.5	106	25.0	26.0	104	1.9	30-150	<40	

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix J
PréÏÒ Reports by: ! ÎÄÅÒÓÏ Î %ÎvÉÒÏ Î Í ÅÎÔÁÌ ÁÎÄ Winzler & Kelly Consulting Engineers

ANDERSEN ENVIRONMENTAL
5261 W. Imperial Highway, Los Angeles, CA 90045
Toll Free: (888) 705-6300 Tel: (310) 854-6300 Fax: (310) 854-0199

Date: June 22, 2015 **Pages: 3**

To: Gillian Mintier **From: Benjamin Curry**

Los Angeles County **Department of Public Works**	**Andersen Environmental**
900 South Fremont Avenue **Alhambra, CA 91803**	**5261 West Imperial Highway** **Los Angeles, CA 90045**
Phone: (310) 223-6245	**Phone: (310) 854-6300**

Subject: **Limited Asbestos Assessment Addendum Letter**
MLK-MACC, Hawkins Building
12021 South Wilmington Avenue
Los Angeles, CA 90059
Andersen Environmental Job No.: 1408-1514D

Ms. Gillian Mintier of the Los Angeles County, Department of Public Works (referred to hereunder as the client) retained Andersen Environmental to perform limited sampling of suspect asbestos containing materials (ACM) associated with the Southeast mechanical shaft connecting the basement utilities with the roof top mechanical penthouses of the Hawkins Building on the Martin Luther King medical campus. This letter report serves as an addendum to the *Limited Asbestos & Lead-Based Paint Assessment Report* of the Hawkins Building roof, dated October 14, 2014.

At the request of the client, sampling was limited to the suspect pipe insulation materials associated with the Southwest mechanical shaft located in the basement and the rooftop mechanical penthouses. The assessment was performed on June 3, 2015, by Benjamin Curry, a Certified Asbestos Consultant (Cert. No. 09-4549). The suspect pipe insulation materials are anticipated to be disturbed during activities associated with checking the structural integrity of the water and steam lines.

FINDINGS

A total of fifteen (15) bulk samples, which layered out to twenty four (24) individual samples, were collected from the basement and mechanical penthouses for Polarized Light Microscopy (PLM) analysis to evaluate for the presence of asbestos. The results indicated the following:

Table 1.0 – Asbestos Sample Results

Sample Number	Material	Location	Asbestos Content	Quantity (SF)	Friability	Condition
01	Plaster Overspray	Basement, SE Mechanical Shaft	None Detected	------	------	------
02	Plaster Overspray	Basement, SE Mechanical Shaft	None Detected	------	------	------

Sample Number	Material	Location	Asbestos Content	Quantity (SF)	Friability	Condition
03	Plaster Overspray	Basement, SE Mechanical Shaft	None Detected	------	------	------
04	Gray Foam Insulation	10" Chiller Line Run Basement	None Detected	------	------	------
04A	White Pipe Wrap	10" Chiller Line Run Basement	None Detected	------	------	------
05	White Pipe Wrap	10" Chiller Line Rise SE Mechanical Shaft	None Detected	------	------	------
05A	Yellow Fiberglass Insulation	10" Chiller Line Rise SE Mechanical Shaft	None Detected	------	------	------
06	Elbow Cap	10" Chiller Line Elbow Basement	None Detected	------	------	------
06A	Pink Fiberglass Insulation	10" Chiller Line Elbow Basement	None Detected	------	------	------
07	White Pipe Wrap	6" Hot Water Run Basement	None Detected	------	------	------
07A	White Mag Insulation Under Hangers	6" Hot Water Run Basement	None Detected	------	------	------
08	Mudded End Wrap	2' Rise off 10" Chiller Run - Basement	None Detected	------	------	------
08A	Mudded End Insulation	2' Rise off 10" Chiller Run - Basement	None Detected	------	------	------
09	**Mudded End Mastic**	**10" Steam Run Adjacent to Emerg. Generator**	**3% Chrysotile**	**2 sq. ft. Unknown number of ends**	**Non-Friable**	**Fair**
09A	Mudded End Insulation	10" Steam Run Adjacent to Emerg. Generator	None Detected	------	------	------
10	White Pipe Wrap	2" Steam Line Run Adjacent to Emerg. Generator	None Detected	------	------	------
10A	Yellow Fiberglass Insulation	2" Steam Line Run Adjacent to Emerg. Generator	None Detected	------	------	------
11	White Pipe Wrap	10" Steam Run Adjacent to Emerg. Generator	None Detected	------	------	------
11A	White Mag Insulation Under Hangers	10" Steam Run Adjacent to Emerg. Generator	None Detected	------	------	------
12	White Pipe Wrap & Tape	10" Steam Run Penthouse 9	None Detected	------	------	------
13	White Mag Insulation	Steam Line Run Penthouse 9	None Detected	------	------	------
14	Vibration Red. Caulk around Steam Line Insulation	Floor Shaft Penthouse 9	None Detected	------	------	------

Sample Number	Material	Location	Asbestos Content	Quantity (SF)	Friability	Condition
14A	**Vibration Red. Insulation below Caulk**	**Floor Shaft Penthouse 9**	**30% Chrysotile**	**Unknown**	**Friable**	**Good**
15	Mudded End Insulation	Chiller Line Rise Penthouse 2	None Detected	------	------	------

* All quantities are approximations and should be verified by an abatement contractor

The white mastic applied to the mudded end of the ten inch steam pipe adjacent to the emergency generator room in the basement contains three (3) percent Chrysotile asbestos. The brown insulation beneath the gray caulk acting as a vibration reducer between the pipe insulation and the pipe chases that run through the floor of Penthouse 9, contains thirty (30) percent Chrysotile asbestos.

Both of these asbestos containing materials appear to be located beyond the reported scope of pipe inspection work. Photographs and sample location plans are attached for reference.

If materials found to contain asbestos and/or presumed to contain asbestos are going to be disturbed or removed; by law, they must first be abated and properly disposed of by a licensed and Cal/OSHA registered asbestos abatement contractor prior to any renovation or demolition activities.

WARRANTIES

The inspection and testing report is based on the condition of the subject property existing and apparent on the precise time and exact date of the inspection. Not all conditions may be apparent on the inspection and testing date due to weather conditions, inoperable systems, inaccessibility of areas of the subject property, or for other reasons.

Andersen Environmental has prepared this report for the exclusive use of its client. Andersen Environmental, in performing its professional services, has applied scientific judgment that it believes is consistent with industry standards. Andersen Environmental inspected structures and/or contents in a good faith effort to observe pertinent detail. Due to the limitations of time, access, and other variables, certain details may have been overlooked. Andersen Environmental has relied in good faith upon the information and representations of others in the preparation of this report and the opinions expressed herein. Accordingly, Andersen Environmental accepts no responsibility for deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

Andersen Environmental assumes no liability for any loss, injury, claim, or damage arising directly or indirectly from any use or reliance on this report or the opinions expressed herein. Andersen Environmental makes no warranty, express or implied. This report is limited only to the samples taken and locations sampled. Additional sampling may be needed to further identify other pollutants or asbestos affected areas inside the property.

Thank you for the opportunity to work with you on this project. Please call the undersigned at (310) 854-6300, if you have questions or if additional services are necessary.

Prepared by:



Benjamin Curry
DOSH Certified Asbestos Consultant No. 09-4549



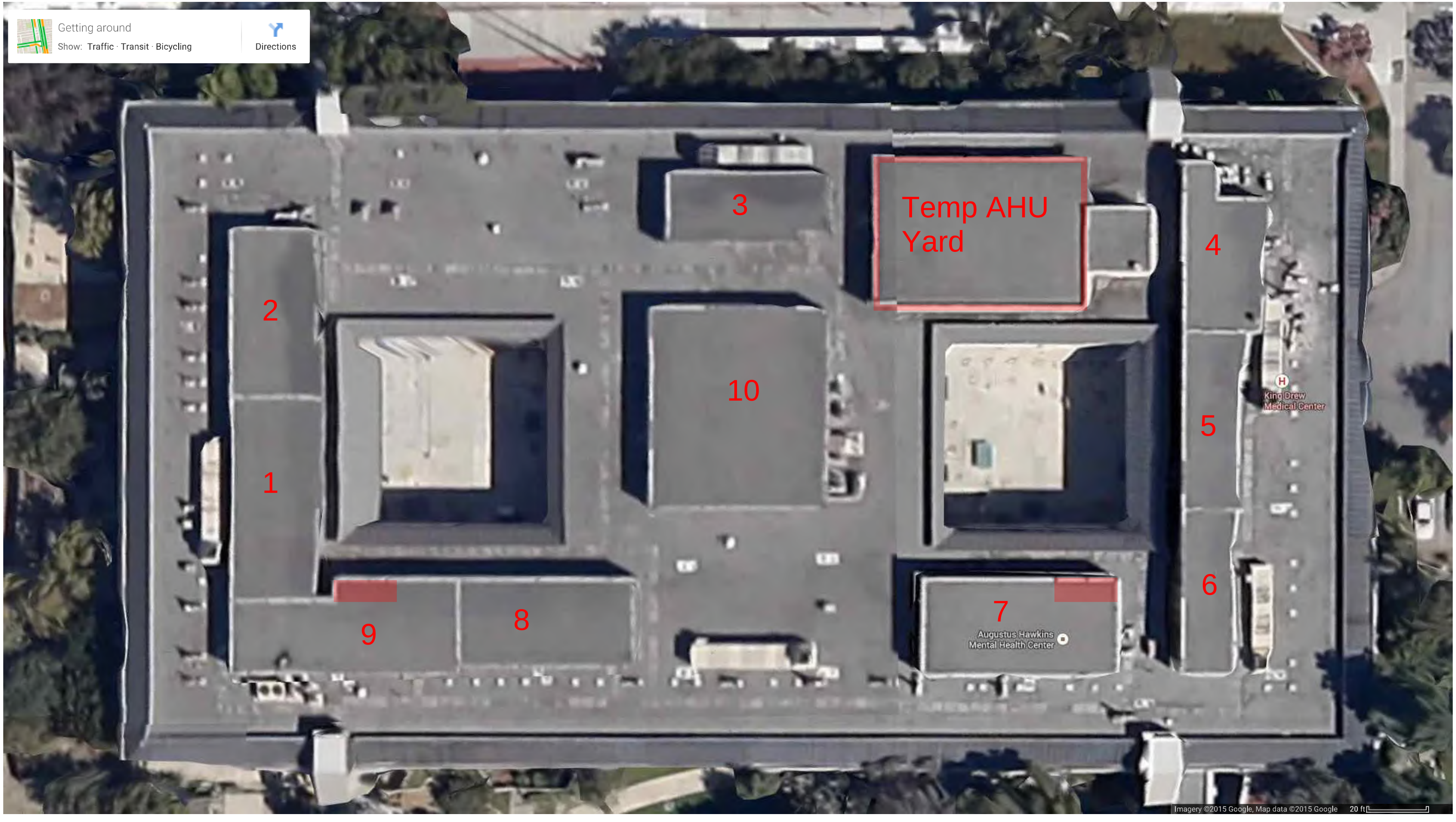


ACM mastic applied to mudded pipe end in Basement.



Caulk sealing in ACM insulation between pipes and chases.




Getting around
Show: Traffic · Transit · Bicycling
Directions
3
Temp AHU Yard
4
2
10
King Drew Medical Center
5
1
9
8
7
Augustus Hawkins Mental Health Center
6
Imagery ©2015 Google, Map data ©2015 Google
20 ft

EQUIPMENT SCHEDULE

CONDENSATE RETURN UNIT CRU-1
12TH MODEL UF 85D, 100 GAL. RECEIVER
(2) 5 HP PUMPS @ 3 GPM @ 40 PSI. DISCH. PRESSURE EA. W/FLOAT SWITCH OPER WT.: 1500 LB.

EQUIPMENT BASE FURNISHED BY CRU-1 MANUFACTURER.

CONDENSING RETURN UNIT CRU-1 SECURE TO FLR. W/ (8) 5/8" EXP. BOLTS.

4" CONC. PAD

FLASH TANK SEE (C M01) & (A M01)

14000 #/HR TRAP

SUMP PIT SEE SHT. P-3

HEAT EXCHANGER HE-1 & HE-2 SUSPENDED FROM FIRST FLR. SLAB SEE SCHEDULE STH. M-1 & DET. (D M-17)

B & G ROLAIRTROL

1" AIR VENT

1 1/4" C.R. CONN. TO TRAP ASSEMBLY SUPPLIED W/ HWG-1

2" S. DN. TO AUTO. CONTROL VALVE ASSEMBLY SUPPLIED W/ HWG-1

PUMP P-3

PUMP P-4

HWG-1 1 1/4"

HWG-1

CR-75

S-75

SEE SHT. P-3

SEE SHT. P-2

FLASH TANK ST-15

PUMP P-1

PUMP P-2

4" CONC. PAD

3" VENT

4" VENT

2" ST-75

2" ST-15

SEE PIPING DIAGRAM (A M-16)

1 1/4" CHS & R

STEAM PRV ASSEMBLY, 11,250 #/HR FROM 150 PSI TO 15 PSI FOR DETAIL SEE (D M-16) (SPENCE ED-3" F PORT)

6" RELIEF

18"x48" LONG CONTROL AIR TANK ON 4" CONC. PAD DETAIL SEE DWG (A M-12)

UNDER AIR COND. PART OF THE SPEC'S.

UNDER PLUMB. PART OF THE SPEC'S.

TRAP 50 #/HR. 150 PSI.

STEAM PRV ASSEMBLY, @ 750 LB/HR. FROM 150 PSI TO 15 PSI SEE (D M-16) (SPENCE ED 3" N PORT)

FOR CONT. SEE DWG. P-3

150 PSI STEAM 22000 LB/HR.

4" C.W.

6" S-150 PCR

1A MCR

3" 3/4"

CHS

CHR

SCW

FOR CONT. SEE DWG. P-3

1" VENT

10" CHS

10" CHR

6" HR

6" HS

8" RELIEF VENT 4" FLASH TANK VENT

1 1/4" C.R. TO AUTO. CONTROL VALVE ASSEMBLY SUPPLIED W/ HWG-1

SEE SHT. P-3

SEE SHT. P-2

1" COND. DRAIN

AIR HANDLING UNIT AH-G (A M-19)

UP IN SHAFT

Samples 1,2,3 & 5

Samples 4,6,7 & 8

Samples 9,10 & 11

16"ϕ UP TO ROOF SEE SHAFT (D M-16)

50 #/HR TRAP (15 PSI)

CONTR. SHALL OBTAIN APPROVAL OF EMERG. GEN. EXHAUST PIPE SHOP DRAWINGS BY GENERATOR MANUF. BEFORE INSTALLATION. GENERATOR MANUF. SHALL CHECK SIZES & PRESS DROPS

3" CR 75-60

6" S. 80

1 1/2" CR 45

1" CR 25

1 1/2" CR 5

UP IN SHAFT

PIPING SHAFT ABOVE SEE PLUMBING PLANS

3" FUEL TANK VENT UP

DIESEL OIL SUPPLY & RETURN PIPES STUB AT THIS POINT

DAY TANK SEE ELECT PLANS

LVR

3/4" SUPPLY

1" RETURN

3" VENT

3" FUEL TANK VENT
3/4" DIESEL OIL SUPPLY
1" " " RETURN
TO OIL TANK SEE SHT. P-2

AIR TIGHT DOOR

FLEXIBLE CONNECTION FROM GENERATOR TO MUFFLER FURNISHED UNDER ELECT. WORK & INSTALLED UNDER PLUMB. PART OF SPECIFICATIONS.

MUFFLER FURNISHED UNDER ELECT. PART OF SPEC'S AND INSTALLED UNDER PLUMBING PART OF SPECIFICATION. 30"ϕ x 104" LONG, 900 LBS., EACH SUSPENDED FROM 1ST FLOOR SLAB SEE DETAIL (A M-17)

WHERE PIPING & DUCTWORK CROSS STRUCTURAL SEPARATIONS, PROVIDE FOR PROPER MOVEMENT OF STRUCTURAL ELEMENTS WITHOUT DAMAGE TO PIPING, DUCTWORK, OR THEIR SUPPORTS

SEE SHT. P-3

FOR CONT. SEE DWG. MP-14

BASEMENT FLOOR PLAN

SCALE: 1/4" = 1'-0" (A1)

NOTES:
1- COORDINATE W/MECH. DWG. SHT. M-13 & PLUMBING DWG. SHT. P-3
2- SEE GENERAL NOTES SHT. M-2
3- SEE PIPING SHOWN ON SHT. M-21 THRU M-28
4- SEE PIPING SHOWN ON SHT. P-1 THRU P-21
5- REFER TO APPLICABLE NOTES ON MECH. DWG'S. 'M' & ON PLUMB. DWG'S 'P'
6- COORDINATE W/ 'M' & 'P' DWG'S.

5" COMB. FILL & GAUGE FLUSH BOX W/ WRENCH

24"x 24" x 6" CONC. PAD SLOPE 1/2" TO EDGE

6" CONC. SLAB

3/4" C.I. COVER & FRAME 28" FLANGE, BOLTED & GASKETED

FIN. GRADE

8'-0" MIN.

22" MAN HOLE

REINFORCED FIBER GLASS STRAPS AS PER MANUFACTURER RECOMMENDATION (TYPICAL) SUBMIT DETAILS FOR APPROVAL BY ARCHITECT STRUCTURAL ENGINEER & OAC

FIBERGLASS 4000 GAL. TANK 191/10" L x 6'-6" ϕ O.D.

1 1/2" ϕ GALVANIZED TURNBUCKLE

BEND UP ENDS & LOOP UNDER LONG BARS

CONC. PAD: 22' x 8'-6" x 2'-6" 145 CU. FT. CONC.

FOOT VALVE W/ STRAINER

MANHOLE & EXTRACTOR ASSEMBLY

VENT CAP

3" VENT RISER UP TO ROOF

3/4" FUEL SUPPLY

6" FILL PIPE

SLOPE

POLYETHYLENE SHEET

1" FUEL RETURN

LOCATE OPENINGS AS PER MANUFACTURERS RECOMMENDATIONS (TYPICAL)

CONCRETE PAD EXTEND 12" FROM TANK, ALL SIDES & ENDS.

12" OF 1/4" PEA GRAVEL ALL AROUND TANK WITH POLYETHYLENE SHEET ON TOP OF PEA GRAVEL.

1/2" ϕ @ 12" CENTERS BOTH WAYS

ALL DIESEL OIL PIPING INSIDE GENERATOR ROOM INCLUDING SHUT OFF SOLENOID VALVE, DAY TANK ETC. IS PART OF ELECTRICAL SECTION OF SPECIFICATION, SEE ELECT. DRAWINGS.

Installation of Fuel Storage Tank shall not be started until detail plans, specifications and engineering calculations have been accepted and signed by the Architect or Structural Engineer and approved by the office of the State Architect.

FUEL STORAGE TANK

NOT TO SCALE (B3)

APPROVED
DEC - 8 1977
STATE DEPT. OF HEALTH
FACIL. CONSTR. SECT.
Maurice Bogen
SUPERVISING ARCHITECT

STATE DEPARTMENT OF HEALTH
APPROVED
MAY 12 1977
STATE DEPT. OF HEALTH
FACIL. CONSTR. SECT.

O. A. C.
OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
AS REVISED DEC 8 1977
APPROVED APR 25 1977

STATE FIRE MARSHALL
APPROVED
JAN 25 1977

NO. | DATE | REVISION | BY

PREPARED FOR
COUNTY OF LOS ANGELES DEPARTMENT OF HEALTH SERVICES
STEPHEN J. KOONCE
DIRECTOR
1955 W. OLYMPIC BLVD.
LOS ANGELES, CALIFORNIA
(213) 974-1501

CONSULTANT
PAUL S. BEAUDET, INC.
CONSULTING CIVIL & STRUCTURAL ENGINEERS
5099 CALHOUN AVENUE, VAN NUYS, CALIFORNIA 91401
(213) 345-8505

JENKINS - FLEMING, ARCHITECTS, INC.
5920 WILSHIRE BLVD., BEVERLY HILLS, CALIF. 90211
SUITE 428 · (213) 655-4181
NO. 1284
ARCHITECT

MARTIN LUTHER KING JR. GENERAL HOSPITAL

PSYCHIATRIC AND CLINICAL SCIENCES BUILDING

CAPITAL PROJECT NO. 6008.01
SPECIFICATION NOS. 8838 (2)

SCALE AS NOTED | DRAWN | CHECKED | APPROVED | DATE

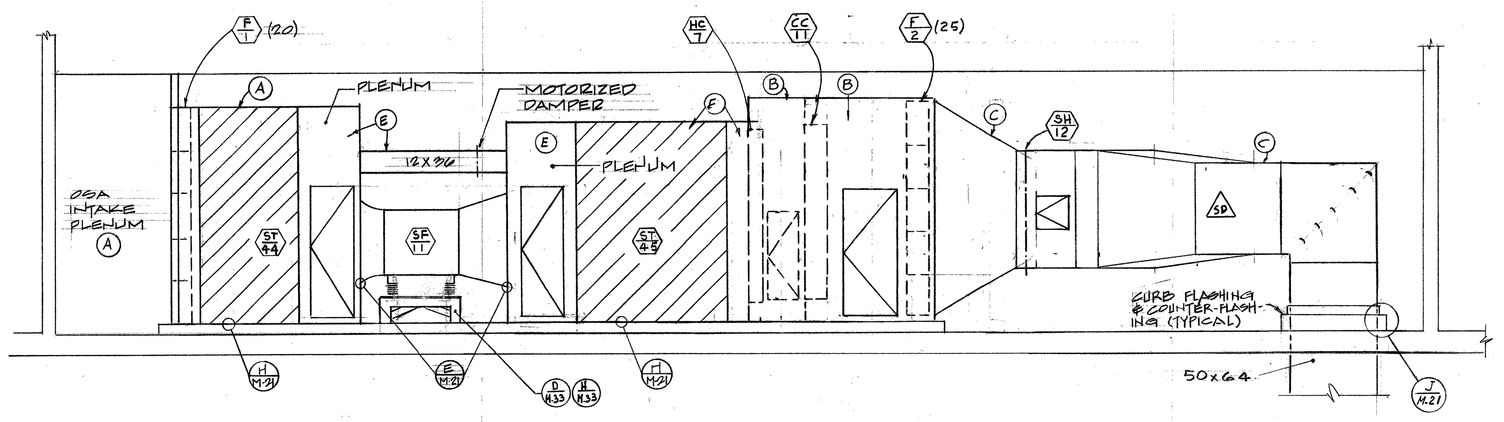
SHEET TITLE
MECHANICAL AND PLUMB. PIPING, BASEMENT FLOOR PLAN

SHEET NO.
MP-1

SEP 13 1977

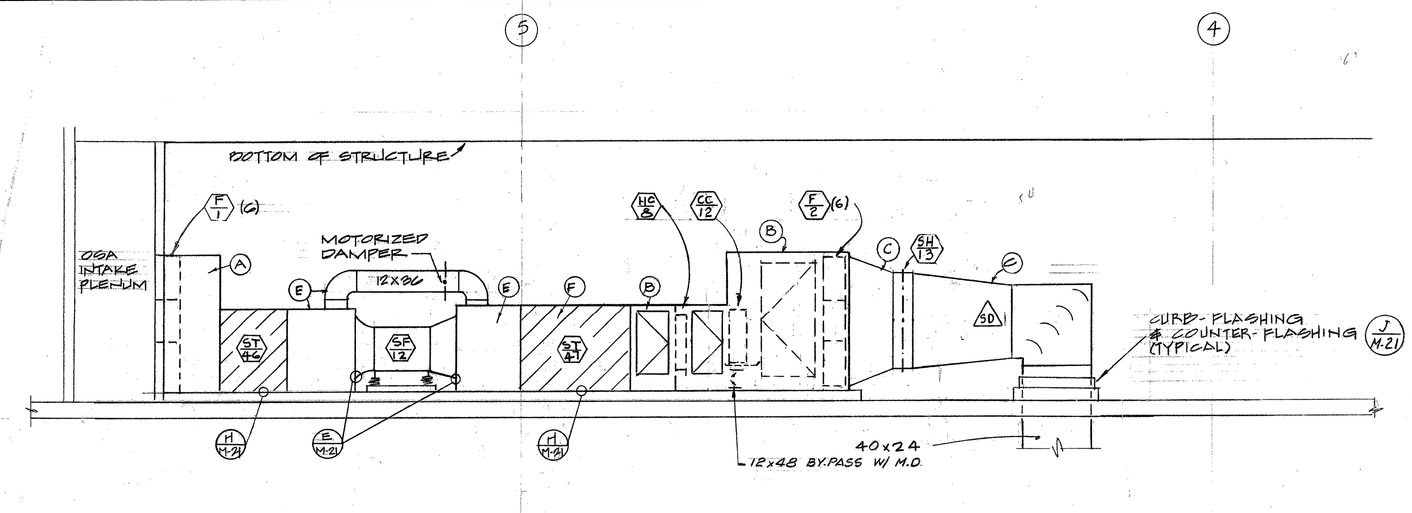
OF - 17

374.3



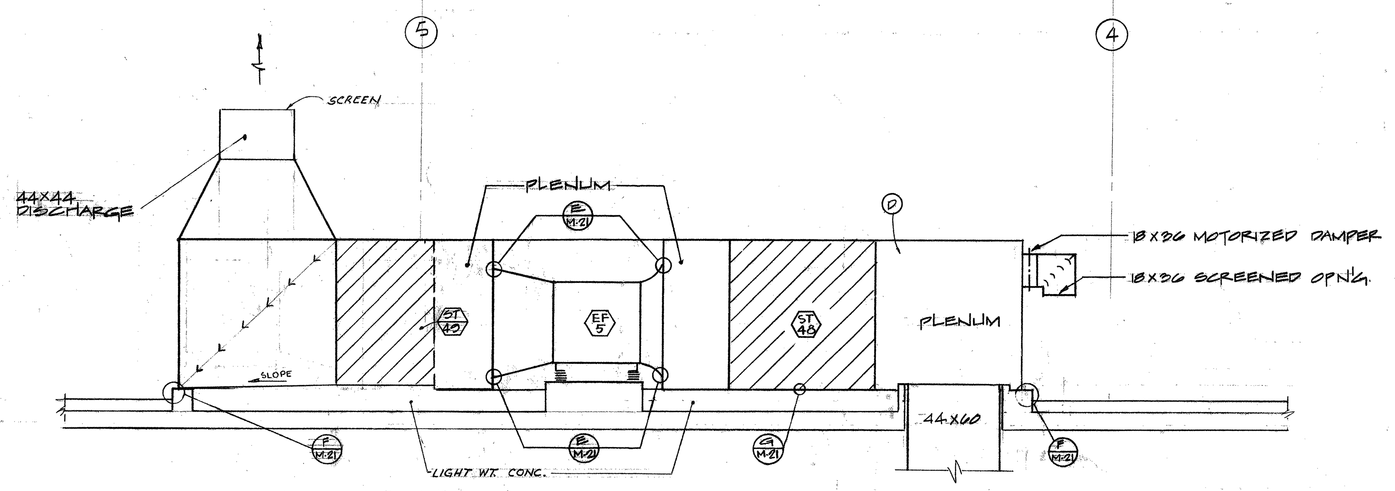
SECTION @ SF-11

SCALE 1/4"=1'-0 (13)



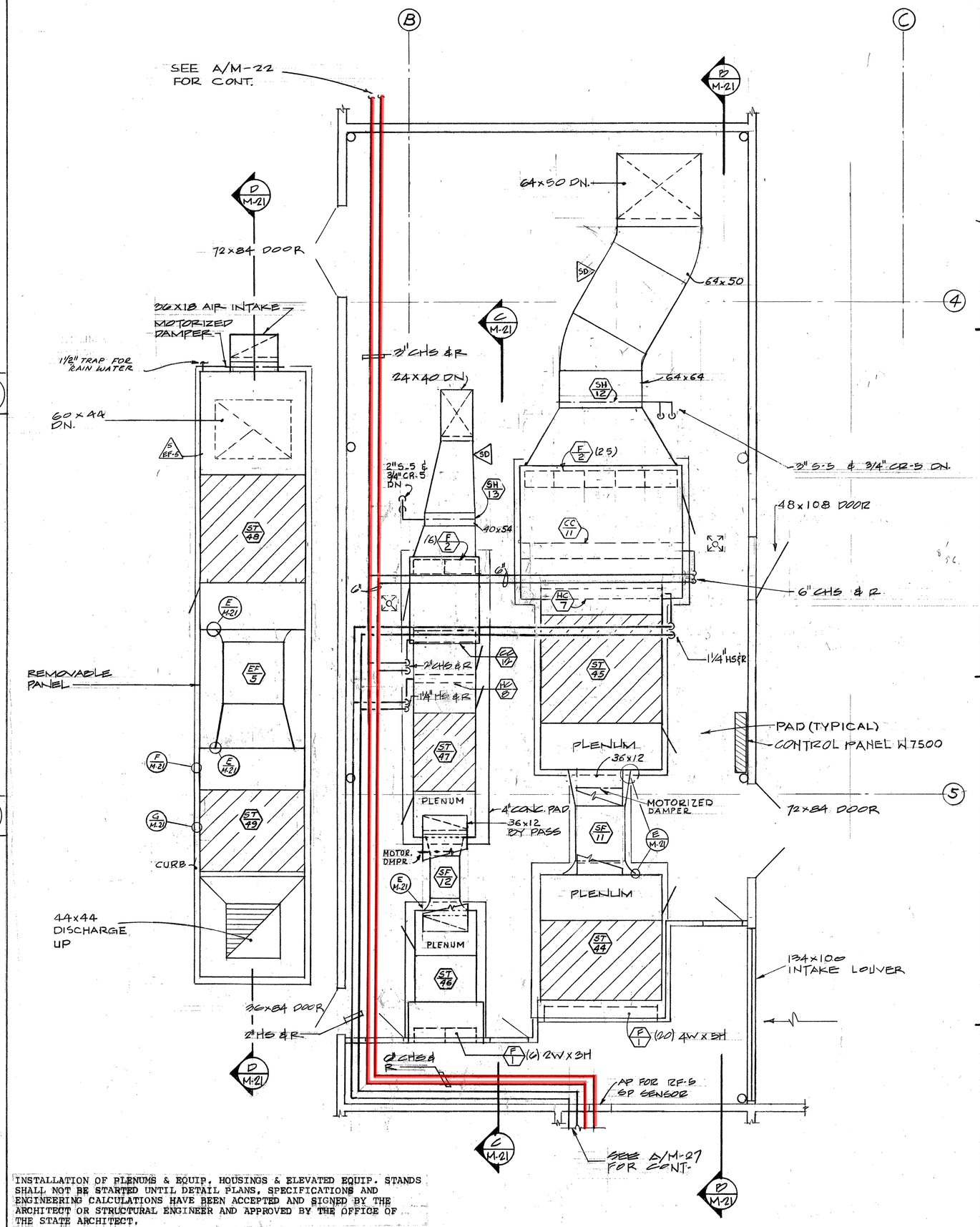
SECTION @ SF-12

SCALE 1/4"=1'-0 (14)



SECTION @ E.F.-5

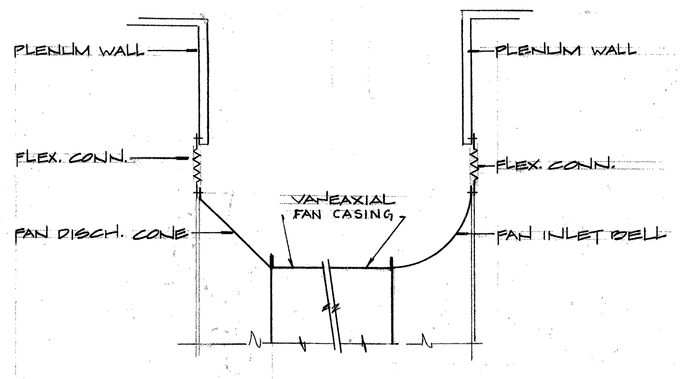
SCALE 1/4"=1'-0" (15)



INSTALLATION OF PLENUMS & EQUIP. HOUSINGS & ELEVATED EQUIP. STANDS SHALL NOT BE STARTED UNTIL DETAIL PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT.

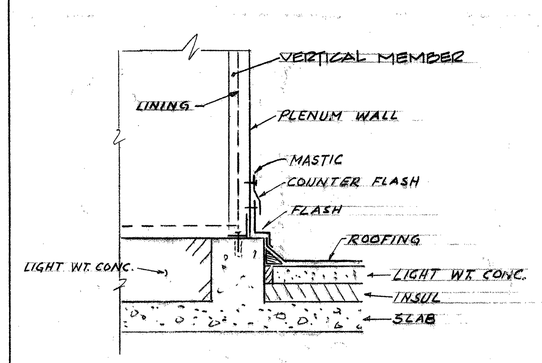
PENTHOUSE Nº 1 FLOOR PLAN

SCALE 1/4"=1'-0" (A)



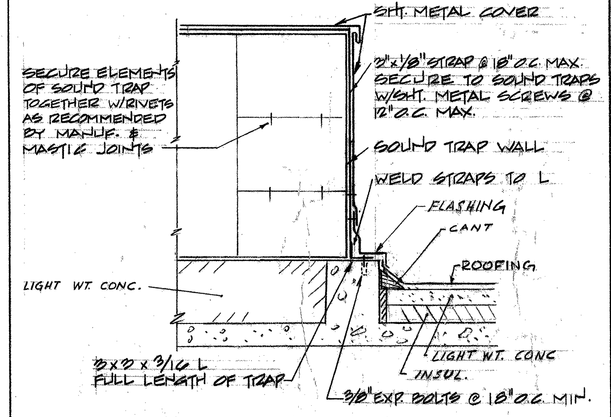
TYPICAL FAN FLEX. CONN.

SCALE NONE (11)



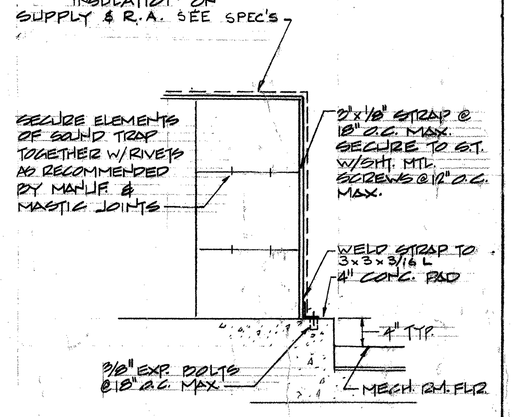
PLENUM FLASHING

SCALE NONE (10)



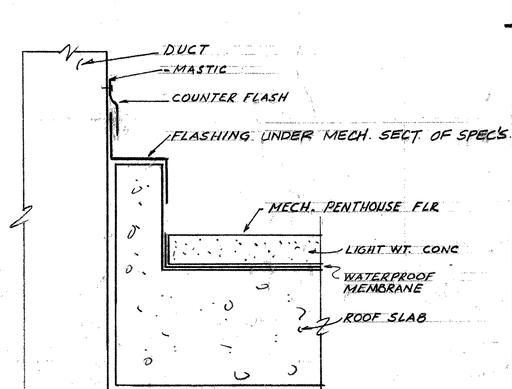
SOUND TRAP DETAIL

SCALE NONE (9)



SOUND TRAP IN MECH. ROOMS DETAIL

SCALE NONE (8)



PENTHOUSE FLR. PENETRATION

SCALE NONE (J)

JENKINS - FLEMING, ARCHITECTS, INC.
8920 WILSHIRE BLVD., BEVERLY HILLS, CALIF. 90211
SUITE 420 - (213) 855-4181

Craig Ellwood ARCHITECT

NO. 1284

NO.	DATE	REVISION	BY

STATE DEPARTMENT OF HEALTH APPROVED
MAY 12 1977
STATE DEPT. OF HEALTH FACILITIES SERVICES SECT.
Chief, Facilities Design

D. A. S.
OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECT.
APPROVED APR 25 77
H04-37

STATE FIRE MARSHALL
APPROVED
JAN 25 1977
Fire Marshal
By Authority of the State Fire Marshal
Construction Approval

PREPARED FOR
COUNTY OF LOS ANGELES
FACILITIES DEPARTMENT
STEPHEN J. KOONCE
DIRECTOR
1100 S. OLYMPIC BLVD.
LOS ANGELES, CALIFORNIA
(213) 974-1301

CONSULTANT
PAUL S. BENNETT, INC.
CONSULTING MECHANICAL ENGINEERS
3810 CAHUENGA BLVD. SOUTH
TOLUCA LAKE, CALIFORNIA 91602

MARTIN LUTHER KING JR. GENERAL HOSPITAL
PSYCHIATRIC AND CLINICAL SCIENCES BUILDING

CAPITAL PROJECT NO. 8006.01
SPECIFICATION NOS. 8235

1604

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JOB NO.			
DATE			

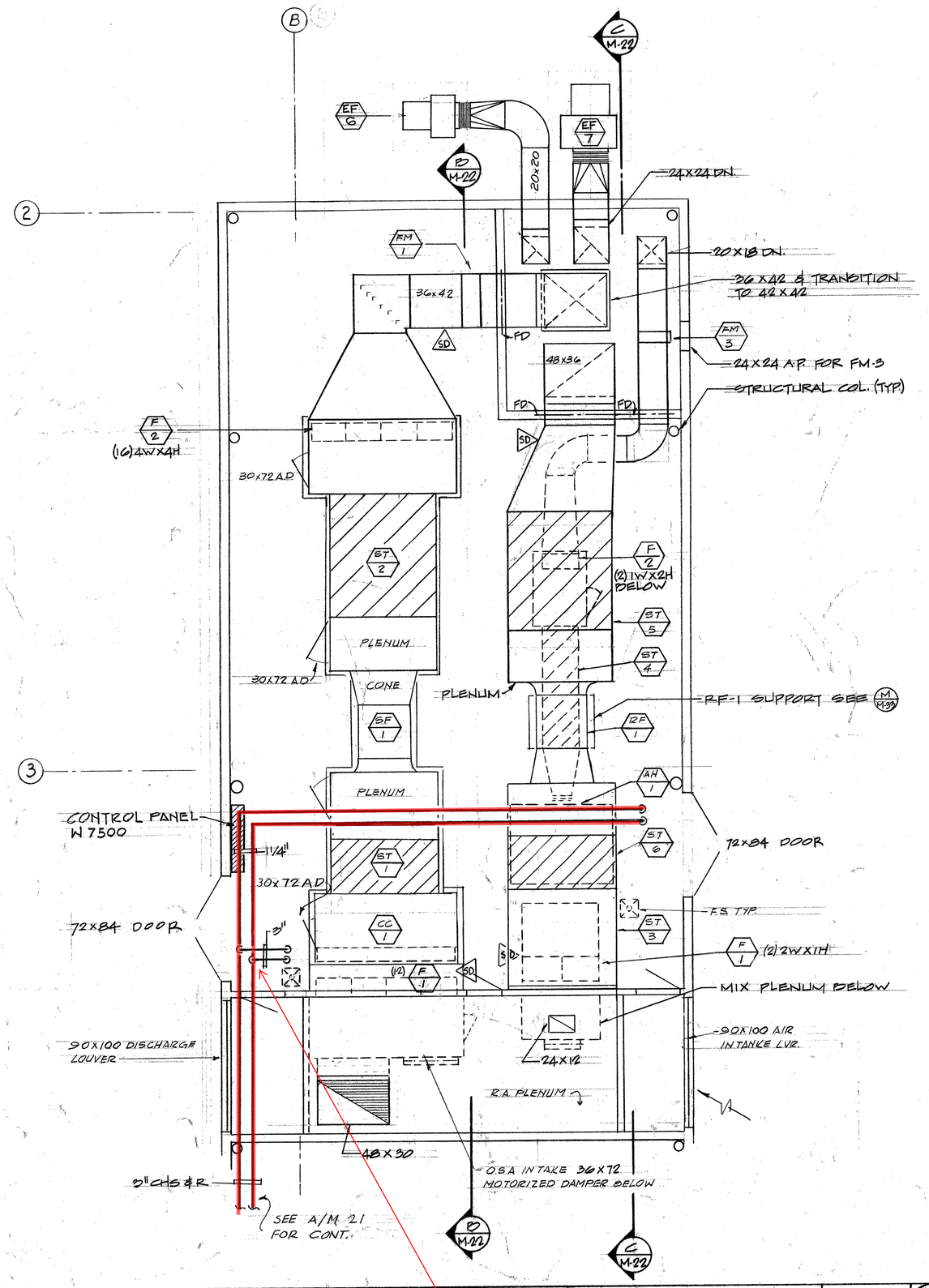
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MECHANICAL EQUIP. PENTHOUSE Nº1 DETAILS

SHEET NO.
M-21
OF - 33

SEP 13 1977

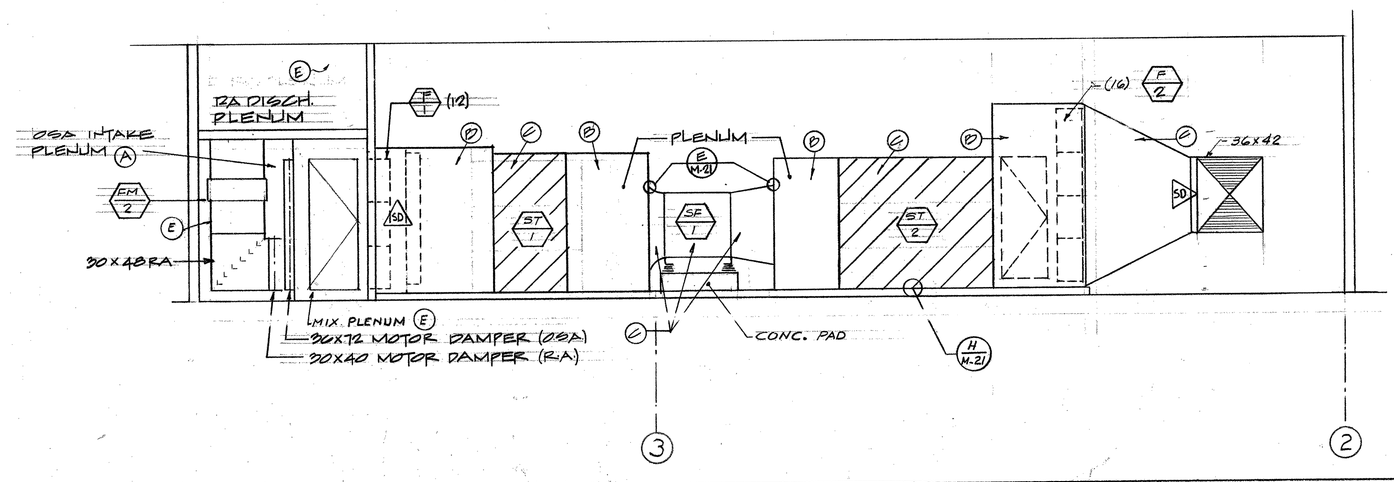
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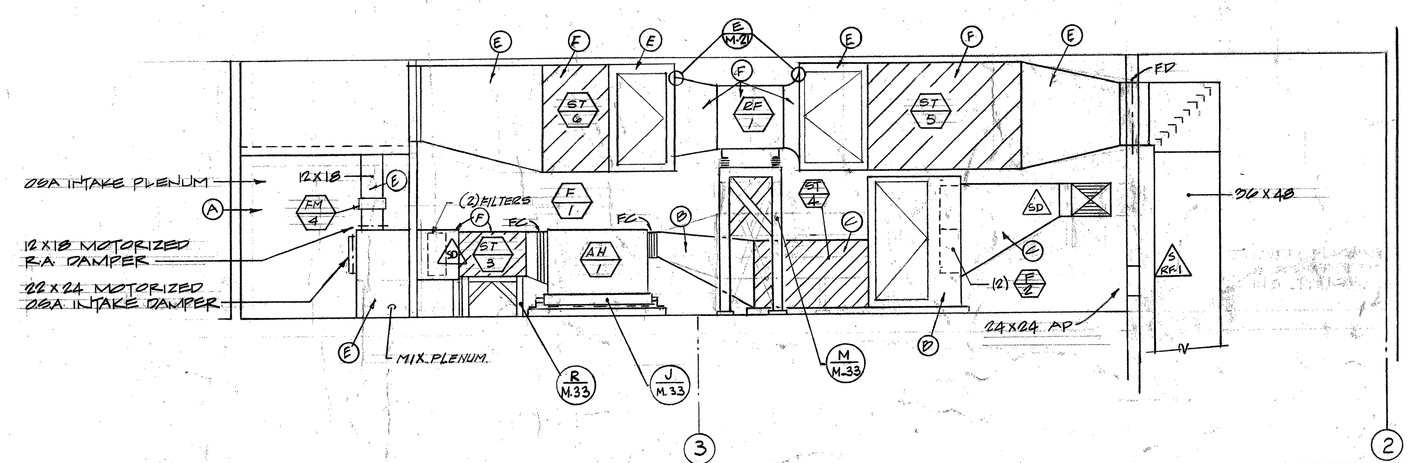
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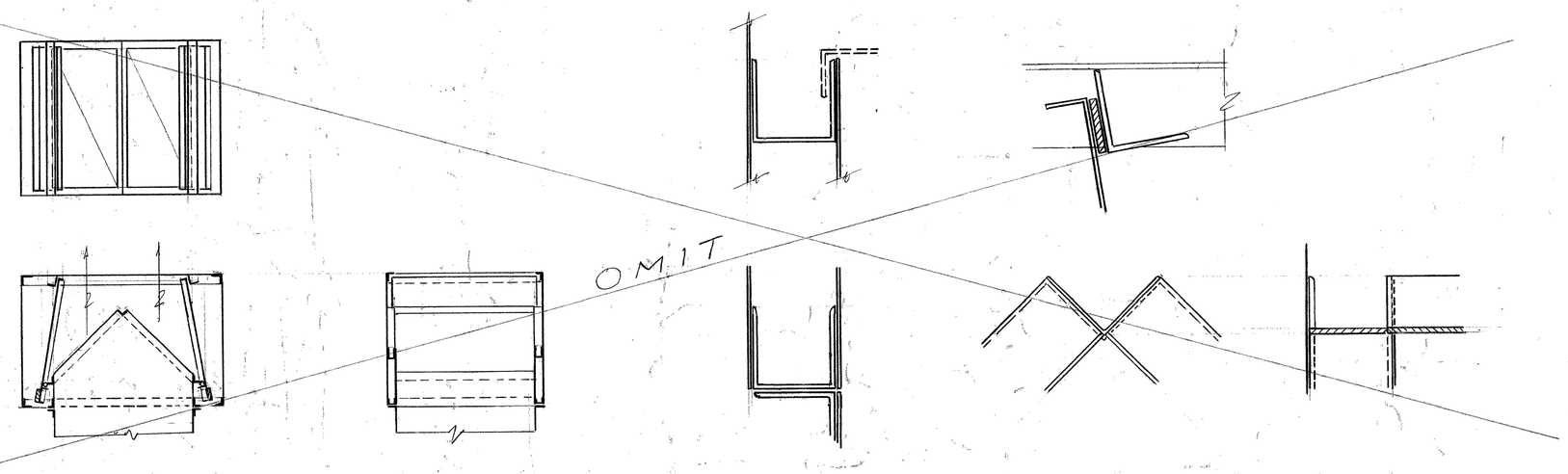
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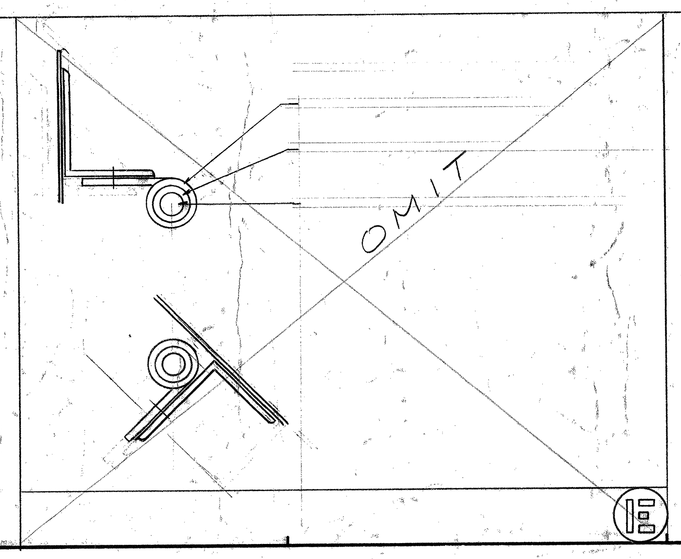


SECTION AT AH-1 & RF-1

SCALE 1/4"=1'-0" C1



SCALE NONE D1



E1

NOTE

INSTALLATION OF PLENUMS & EQUIP. HOUSINGS & ELEVATED EQUIP. STANDS SHALL NOT BE STARTED UNTIL DETAIL PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT. TYP FOR SHTS M-22 TO M-28

Sample 15

JENKINS-FLEMING, ARCHITECTS, INC.

8920 WILSHIRE BLVD., BEVERLY HILLS, CALIF. 90211
SUITE 428 · (213) 655-4181

Laurie Baker ARCHITECT NO. 1284

NO.	DATE	REVISION	BY

STATE DEPARTMENT OF HEALTH APPROVED MAY 12 1977 STATE DEPT. OF HEALTH FACIL. CONSTR. SECT. Marshall Bergen

O. A. C. BY THE STATE ARCHITECT STRUCTURAL SAFETY SECTION APPROVED APR 25 77 H0437 Ir. A. W. Ko, Jr.

PREPARED FOR
COUNTY OF LOS ANGELES DEPARTMENT FACILITIES J. KOONCE DIRECTOR 1625 W. OLYMPIC BLVD. LOS ANGELES, CALIFORNIA (213) 974-1601

STATE FIRE MARSHALL APPROVED JAN 25 1977 STATE FIRE MARSHAL SACRAMENTO OREGON

MARTIN LUTHER KING JR. GENERAL HOSPITAL

PSYCHIATRIC AND CLINICAL SCIENCES BUILDING

CAPITAL PROJECT NO. 6006.01
SPECIFICATION NOS. 8335D

CONSULTANT
PAUL S. BENNETT, INC.
CONSULTING MECHANICAL ENGINEERS
BEVERLY BOULEVARD, SUITE 310
LOS ANGELES, CALIFORNIA 90048
1604

DRAWN
CHECKED
APPROVED

SCALE AS NOTED
JOB NO.
DATE

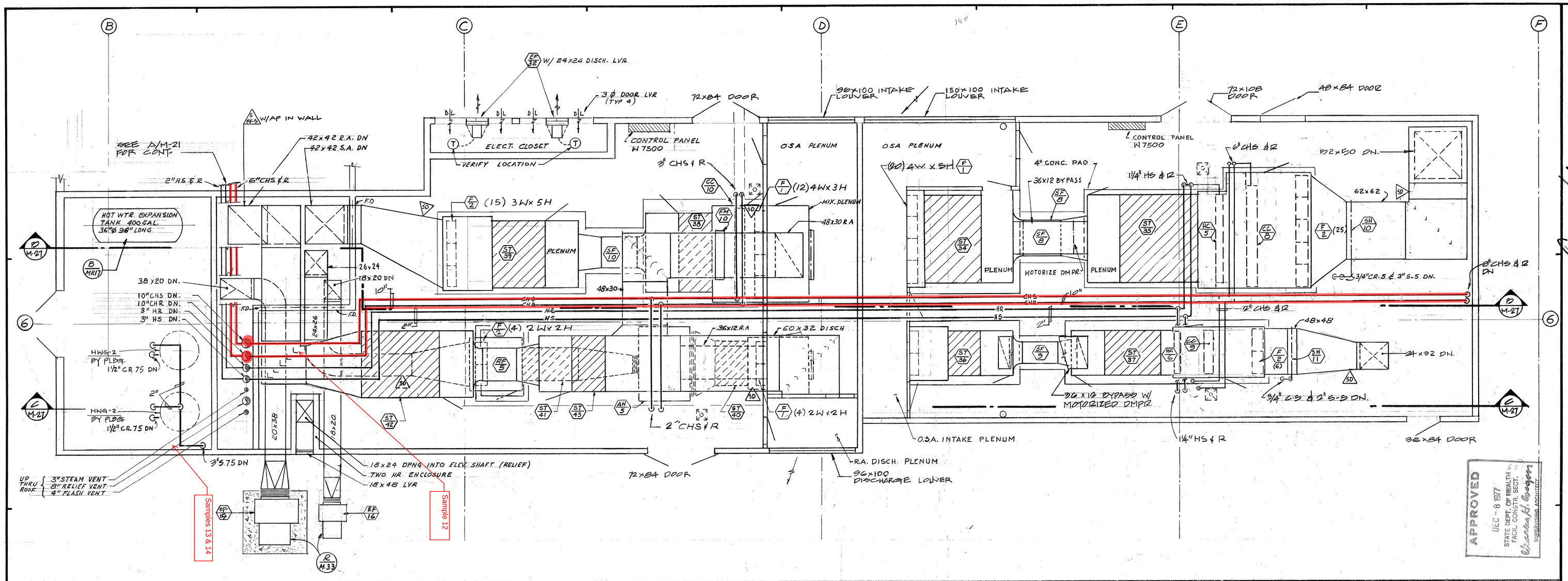
SHEET TITLE
MECHANICAL EQUIP.
PENTHOUSE Nº 2
DETAILS

SHEET NO.
M-22
OF-33

SEP 13 1977

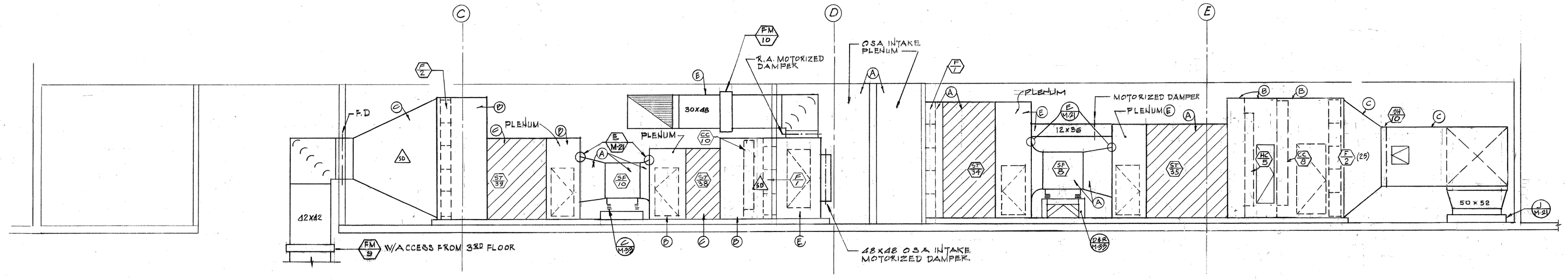
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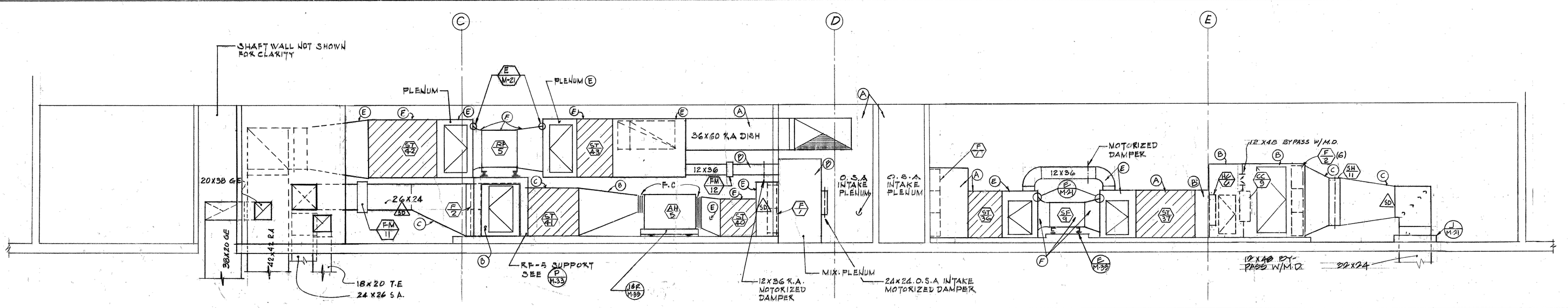
PENTHOUSE Nº 8 & 9 FLOOR PLAN

SCALE 1/4" = 1'-0" A1



SECTION @ SF-10 & SF-8

SCALE 1/4"=1'-0" B3



SECTION @ RF-5, AH-5 & SF-9

SCALE 1/4" = 1'-0" C3

JENKINS - FLEMING, ARCHITECTS, INC.
8920 WILSHIRE BLVD., BEVERLY HILLS, CALIF. 90211
SUITE 428 - (213) 655-4181
Craig Jenkins ARCHITECT NO. 1284

NO.	DATE	REVISION	BY

STATE DEPARTMENT OF HEALTH
APPROVED MAY 12 1977 STATE DEPT. OF HEALTH FACIL. CONSTR. SECT.

O.A.C. 10/77 ADDENDUM #3 DATED SEPT. 27, 1977 AND REVISED OCT. 10, 1977 APPROVED APR. 25 '77 By O.A.C. Bldg. Advisory Committee

PREPARED FOR
COUNTY OF LOS ANGELES DEPARTMENT OF HEALTH SERVICES
STEPHEN J. KOONCE DIRECTOR
1200 W. OLYMPIC BLVD. LOS ANGELES, CALIFORNIA (213) 974-1601

STATE FIRE MARSHALL
APPROVED JAN 25 1977 By

MARTIN LUTHER KING JR. GENERAL HOSPITAL
PSYCHIATRIC AND CLINICAL SCIENCES BUILDING

CAPITAL PROJECT NO. 8006.01
SPECIFICATION NOS. 8935 D

CONSULTANT
PAUL S. BENNETT, INC.
CONSULTING MECHANICAL ENGINEERS
5540 CAHUENGA BOULEVARD
North Hollywood, California 91601 (213) 769-2000

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JOB NO.
DATE

SHEET TITLE
MECHANICAL EQUIP. PENTHOUSE Nº 8 & 9 DETAILS

SEP 13 1977

SHEET NO.
M-27
OF 33

374.3

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com cinnasblab@EMSL.com

EMSL Order:	041516061
CustomerID:	32ANDE85
CustomerPO:	
ProjectID:	

Attn: **Ben Curry**
Andersen Environmental
5261 West Imperial Highway
Los Angeles, CA 90045

Phone:	(310) 854-6300
Fax:	
Received:	06/04/15 9:25 AM
Analysis Date:	6/4/2015
Collected:	6/3/2015

Project: **1408-1514D / MLK Hawkins Bldg**

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

			Non-Asbestos				Asbestos
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
01 *041516061-0001*	Basement Shaft - Plaster Overspray	Gray Non-Fibrous Homogeneous			90% 10%	Non-fibrous (other) Vermiculite	**None Detected**
02 *041516061-0002*	Basement Shaft - Plaster Overspray	Gray Non-Fibrous Homogeneous			90% 10%	Non-fibrous (other) Vermiculite	**None Detected**
03 *041516061-0003*	Basement Shaft - Plaster Overspray	Gray Non-Fibrous Homogeneous			90% 10%	Non-fibrous (other) Vermiculite	**None Detected**
04-Wrap *041516061-0004*	10" Chiller - Gray Foam Pipe Insulation w/ Wrap	Gray/White Fibrous Homogeneous	40% 20%	Cellulose Glass	38% 2%	Non-fibrous (other) Vermiculite	**None Detected**
04-Insulation *041516061-0004A*	10" Chiller - Gray Foam Pipe Insulation w/ Wrap	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
05-Wrap *041516061-0005*	10" Chiller Rise Orig - White Wrap w/ Yellow Fiberglass	White Fibrous Homogeneous	40% 20%	Cellulose Glass	40%	Non-fibrous (other)	**None Detected**
05-Insulation *041516061-0005A*	10" Chiller Rise Orig - White Wrap w/ Yellow Fiberglass	Yellow Fibrous Homogeneous	90%	Glass	10%	Non-fibrous (other)	**None Detected**
06-Plastic Cover *041516061-0006*	10" Elbow - Plastic C w/ Pink Fiberglass	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

Analyst(s)

Amy Johnson (1)
Jillian Yurick (23)

Benjamin Ellis, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 06/04/2015 12:27:05

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com cinnasblab@EMSL.com

EMSL Order:	041516061
CustomerID:	32ANDE85
CustomerPO:	
ProjectID:	

Attn: **Ben Curry**
Andersen Environmental
5261 West Imperial Highway
Los Angeles, CA 90045

Phone:	(310) 854-6300
Fax:	
Received:	06/04/15 9:25 AM
Analysis Date:	6/4/2015
Collected:	6/3/2015

Project: **1408-1514D / MLK Hawkins Bldg**

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

			Non-Asbestos				Asbestos	
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**%**	**Type**
06-Insulation *041516061-0006A*	10" Elbow - Plastic C w/ Pink Fiberglass	Pink Fibrous Homogeneous	90%	Glass	10%	Non-fibrous (other)		**None Detected**
07-Wrap *041516061-0007*	6" Hot Water Line - White Mag Inside Hanger	Brown/White Fibrous Homogeneous	40% 20%	Cellulose Glass	40%	Non-fibrous (other)		**None Detected**
07-Insulation *041516061-0007A*	6" Hot Water Line - White Mag Inside Hanger	Gray Fibrous Homogeneous	15% 15%	Cellulose Synthetic	70%	Non-fibrous (other)		**None Detected**
08-Wrap *041516061-0008*	2" Leg off 10" Chiller - Mudded Pipe Insulation End	White Fibrous Homogeneous	30% 15%	Cellulose Glass	55%	Non-fibrous (other)		**None Detected**
08-Insulation *041516061-0008A*	2" Leg off 10" Chiller - Mudded Pipe Insulation End	Gray Fibrous Homogeneous	30%	Min. Wool	70%	Non-fibrous (other)		**None Detected**
09-Mastic *041516061-0009*	10" Steamline - Mudded End	White Non-Fibrous Homogeneous			97%	Non-fibrous (other)	**3%**	**Chrysotile**
09-Insulation *041516061-0009A*	10" Steamline - Mudded End	Gray Fibrous Homogeneous	20% 10%	Min. Wool Cellulose	67% 3%	Non-fibrous (other) Vermiculite		**None Detected**
10-Wrap *041516061-0010*	2" Steamline - Pipe Wrap	White Fibrous Homogeneous	30% 10%	Cellulose Glass	60%	Non-fibrous (other)		**None Detected**

Analyst(s)

Amy Johnson (1)
Jillian Yurick (23)

Benjamin Ellis, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 06/04/2015 12:27:05

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com cinnasblab@EMSL.com

EMSL Order:	041516061
CustomerID:	32ANDE85
CustomerPO:	
ProjectID:	

Attn: **Ben Curry**
Andersen Environmental
5261 West Imperial Highway
Los Angeles, CA 90045

Phone:	(310) 854-6300
Fax:	
Received:	06/04/15 9:25 AM
Analysis Date:	6/4/2015
Collected:	6/3/2015

Project: **1408-1514D / MLK Hawkins Bldg**

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

			Non-Asbestos				Asbestos	
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**%**	**Type**
10-Insulation *041516061-0010A*	2" Steamline - Pipe Wrap	Yellow Fibrous Homogeneous	90%	Glass	10%	Non-fibrous (other)		**None Detected**
11-Wrap *041516061-0011*	10" Steamline Inside Hanger - White Mag	Tan Fibrous Homogeneous	15% 15%	Cellulose Glass	70%	Non-fibrous (other)		**None Detected**
11-Insulation *041516061-0011A*	10" Steamline Inside Hanger - White Mag	Gray Fibrous Homogeneous	15% 15%	Cellulose Synthetic	70%	Non-fibrous (other)		**None Detected**
12 *041516061-0012*	10" Chiller Line-Penthouse 9 - Pipe Wrap & Tape	Gray Fibrous Homogeneous	30% 15%	Cellulose Glass	55%	Non-fibrous (other)		**None Detected**
13 *041516061-0013*	Penthouse 11 - TSI-White Mag on Steamline	Gray Fibrous Homogeneous	15% 15%	Cellulose Synthetic	70%	Non-fibrous (other)		**None Detected**
14-Caulk *041516061-0014*	Penthouse 11 - Caulk around Steamline Chase	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)		**None Detected**
14-Insulation *041516061-0014A*	Penthouse 11 - Caulk around Steamline Chase	White Fibrous Homogeneous	30%	Synthetic	40%	Non-fibrous (other)	**30%**	**Chrysotile**
15 *041516061-0015*	Penthouse 2 - Mudded End of Chiller Line	Gray Fibrous Homogeneous	20% 10%	Min. Wool Cellulose	65% 5%	Non-fibrous (other) Vermiculite		**None Detected**

Analyst(s)

Amy Johnson (1)
Jillian Yurick (23)

Benjamin Ellis, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 06/04/2015 12:27:05

THIS IS THE LAST PAGE OF THE REPORT.

041516061

ANDERSEN ENVIRONMENTAL

Laboratory Chain of Custody

Turn Around Time - (Circle)
*Please select based on laboratory being used

(3hr) 6hr 24hr 48hr 72hr

Standard

Andersen Environmental Project No.:	Project Name:	Sampling By:	Number of Samples:	Date(s) Collected:	Page No.:		Total Pages
1408-1514 D	MLK Hawkins Bldg.	Ben Cumy	15	6/3/15	1	Of	2

Sample No.:	Sample Location & Comments	Start Flow Rate / End Flow Rate	Start Time / Stop Time	Total Volume / Area/SQFT	Type of Analysis / Sample Serial Number
01	Plaster Overspray Basement Shaft %RH: Temp:				Analysis Type: PLM Serial No..
02	%RH: Temp:				Analysis Type: Serial No.:
03	%RH: Temp:				Analysis Type: Serial No.:
04	Gray foam pipe insulation w/ wrap 10" Chiller run %RH: Temp:				Analysis Type: Serial No :
05	White wrap w/ yellow fiberglass 10" chiller rise orig. %RH: Temp:				Analysis Type: Serial No.:
06	Plastic cover w/ pink fiberglass 10" Elbow %RH: Temp:				Analysis Type: Serial No.:
07	White wrap inside hangar 6" hot water line %RH: Temp:				Analysis Type: Serial No.:
08	Mudded pipe insulation End. 2" leg off 10" ch %RH: Temp:				Analysis Type: Serial No.:
09	mudded End on 10" Steamline %RH: Temp:				Analysis Type: Serial No.:

Relinquished By (Print & Sign)(Date & Time)	Received By (Print & Sign) (Date & Time)
Ben Cumy 1:00 pm 6/3/15	VC EMSL FY 6-4-15 9:25
Relinquished By (Print & Sign) (Date & Time)	Received By (Print & Sign) (Date & Time)

Special Instructions:	Stop Positive: Yes No	E-mail to Additional Party:

15

5261 West Imperial Hwy Los Angeles, CA 90045, Ph (310) 854-6300, Fax (310) 854-0199

OrderID: 041516061

041516061

ANDERSEN ENVIRONMENTAL

Laboratory Chain of Custody

Turn Around Time - (Circle)
*Please select based on laboratory being used

(3hr) 6hr 24hr 48hr 72hr

Standard

Andersen Environmental Project No.:	Project Name:	Sampling By:	Number of Samples:	Date(s) Collected:	Page No.:		Total Pages
1408-1514D	MLK Hawkins Bldg	Ben Curry	15	6/3/15	2	Of	2

Sample No.:	Sample Location & Comments	Start Flow Rate / End Flow Rate	Start Time / Stop Time	Total Volume / Area/SQFT	Type of Analysis / Sample Serial Number
10	2" Steam line pipe wrap %RH: Temp:				Analysis Type: PLM Serial No.:
11	White mag on 10" Steamline inside hanger %RH: Temp:				Analysis Type: Serial No.:
12	10" Chiller line pipe wrap + tape Penthouse 9 %RH: Temp:				Analysis Type: Serial No.:
13	TSI-white mag on Steamline Penthouse 11 %RH: Temp.				Analysis Type: Serial No.:
14	Caulk around steamline Chase Penthouse 11 %RH: Temp:				Analysis Type: Serial No.:
15	Mudded End & Chiller line Penthouse 2 %RH: Temp:				Analysis Type: Serial No.:
	%RH: Temp:				Analysis Type: Serial No.:
	%RH: Temp:				Analysis Type: Serial No.:
	%RH: Temp:				Analysis Type: Serial No.:

Relinquished By (Print & Sign)(Date & Time)	Received By (Print & Sign) (Date & Time)
Ben Curry 6/3/15 1:00 pm	
Relinquished By (Print & Sign) (Date & Time)	Received By (Print & Sign) (Date & Time)

Special Instructions:	Stop Positive: Yes No	E-mail to Additional Party:

5261 West Imperial Hwy Los Angeles, CA 90045, Ph (310) 854-6300, Fax (310) 854-0199

OrderID: 041516061

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



Benjamin P Curry
Name

Certification No. **09-4549**

Expires on **07/23/16**

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.

WINZLER & KELLY CONSULTING ENGINEERS

HAZARDOUS MATERIALS SURVEY

For

MARTIN LUTHER KING/DREW MEDICAL CENTER
HAWKINS BUILDING
SECOND FLOOR RENOVATION
12021 South Wilmington Avenue
Los Angeles, California 90059

Prepared For:

DMJM/H+N
515 South Flower Street, Floor 9
Los Angeles, CA 90071

Prepared By:

WINZLER & KELLY CONSULTING ENGINEERS
3531 East Miraloma Avenue
Anaheim, CA 92806

W&K Project #08607.05.004.78187

September 23, 2005

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II Scope of Services
III Discussion of Historical Data
IV Survey and Sampling Methodology
V Analytical Procedures
VI Discussion of Survey Results
VII Conclusions and Recommendations
VIII Confidentiality and Limitations
IX Signature Block

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APPENDIX B - XRF DATA TABLES

APPENDIX C - ASBESTOS ANALYTICAL DATA (LAB REPORT)

SECTION 1

EXECUTIVE SUMMARY

SECTION 1 - EXECUTIVE SUMMARY

I - Introduction

Winzler & Kelly Consulting Engineers (W&K) performed a limited hazardous materials survey of the Martin Luther King/Drew Medical Center - Hawkins Building located at 12021 South Wilmington Avenue in Los Angeles, California. Areas to be surveyed were identified by W&K based upon the plans provided by Los Angeles County Department of Public Works for the improvements, scheduled for the facility as part of the Floor 2 Safety Improvement and Ceiling Upgrades.

The survey was performed by Mr. Gavin Abercrombie and Mr. Yvan Schmidt, both employees of Winzler & Kelly Consulting Engineers. The survey was conducted September 8, 9, 12, 2005.

II – Purpose and Scope of Services

The survey was conducted to identify and sample presumed asbestos-containing materials (PACM), lead-containing surface coatings, and other hazardous materials covered by the Universal Waste Rule, in conjunction with the scope of work identified by the plans for the above-referenced project. The scope as identified to W&K will include safety improvements at the Floor 2 Renovation, mechanical and plumbing upgrades and reflective ceiling replacement in areas of mechanical and plumbing upgrades.

Cal/OSHA-certified Site Surveillance Technician(s) working under the direction of an Asbestos Consultant employed by W&K then performed a survey of the facility involved in the proposed project scope of work, collected bulk samples of suspect ACMs as deemed necessary by the accredited inspector, and submitted the bulk samples to a NVLAP-accredited laboratory.

Cal/DHS-certified Lead Inspector/Assessor(s) employed by W&K performed a concurrent survey of the facilities involved in the proposed project scope of work, and collected XRF measurements of suspect coatings and/or materials as deemed necessary by the certified inspector/assessors.

Finally, a visual inspection was undertaken of "other" hazardous materials which are likely to be impacted by proposed seismic retrofit work, noting such things as fluorescent light fixture ballasts and tubes, mercury switches within thermostats, refrigerants, and the like.

III – Discussion of Historical Data

Considerable existing testing data was provided by the LACDPW to W&K for the Martin Luther King/Drew Medical Center. The following reports were provided to W&K for review prior to the commencement of the survey and sampling:

Martin Luther King, Jr./Drew Medical Center
URS Job No. 59-00104006.01
Limited Asbestos and Lead-Based Paint Investigation
for Hawkins Building
July 1, 2002

IV – Survey and Sampling Methodology

Asbestos:

Suspect ACM and PACM visual identification was performed by entering representative areas and assessing all structural, architectural, and mechanical components which were anticipated to be impacted during the proposed seismic mitigation work. Each suspect asbestos-containing material (ACM) identified was bulk sampled in accordance with sampling guidelines established by the Environmental Protection Agency, 40 CFR 763.86, 29 CFR 1926.1101 and 8 CCR 1529. The following summarizes the sampling procedures utilized:

1. The location and total quantity of each ACM was tabulated.
2. These materials were then categorized into homogeneous materials. A homogeneous material is defined as being uniform in texture, color, and date of application.
3. A sampling scheme was developed based upon the location and quantity of the various homogeneous materials.
4. Bulk samples were collected by trained personnel using an appropriate sampling tool and a leak-tight container.
5. Decontamination of bulk sampling tools to prevent the spread of secondary contamination to subsequent bulk samples.
6. Each bulk sample was individually numbered and recorded on a Bulk Sample Log.
7. A Chain of Custody Record was maintained for the samples.

Lead:

W&K had previously (February of 2004) performed testing of representative potential lead containing materials. Materials and coatings clearly or potentially to be impacted during the scope of work for this project, as described to W&K, had already been tested for lead content. As a result, the results of the testing performed in February of 2004 were utilized for this survey.

Other Hazardous Materials:

The remainder of the investigation was a visual survey. Fluorescent lighting fixtures were noted, along with a count of ballasts and tubes, for quantification. Where feasible, a search was made of representative ballasts to see if they were marked "No PCBs". Similarly, thermostats and other equipment considered likely to employ mercury switches were opened to search for and quantify (if present) mercury switches, refrigeration equipment such as air-conditioning units or drinking fountains were inspected for factory tags listing the nature and amount of refrigerants, and other hazardous materials related to the Universal Waste Rule which are anticipated to be impacted by construction activities were noted.

V – Analytical Procedures

Asbestos:

The bulk samples collected for this survey were analyzed by Forensic Analytical of Los Angeles (FASI) of Los Angeles, California. AmeriSci is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), as administered by the National Institute of Standards and Technology (NIST), the California Environmental Laboratory Accreditation Program (Cal/ELAP), and are successful participants in the Proficiency Analytical Testing Program (PAT).

All bulk samples were analyzed by Polarized Light Microscopy (PLM) utilizing dispersion staining techniques in accordance with the EPA Method: "Method for the Determination of Asbestos in Bulk Building Materials U.S. EPA/600/R-93/116" dated July 1993, and adopted by the National Voluntary Laboratory Accreditation Program (NVLAP), NVLAP Test Method Code 18/A01, as affiliated with the National Institute for Standards and Technology (NIST). Each sample was subjected to two microscopy examinations.

The first examination was performed at 20X magnification using a stereo microscope equipped with an external illuminator. Each sample was examined for layering, homogeneity, and the presence of fibrous and non-fibrous materials. An estimate of the percentage for each sample component, relative to the entire sample volume, was made. When discrete strata are identified as a separate material, fibers are first identified and quantified by layer and then the results are combined to yield an estimate of total percent asbestos present.

The second examination was performed at 100X to 400X magnification using a Polarized Light Microscope equipped with two polarizing filters to observe specific optical characteristics. The use of polarized light allows the determination of refractive indices along specific crystallographic axes. Morphology and color were also observed. A retardation plate was placed at a 45 degree angle between the cross polars to determine the sign of elongation using orthoscopic illumination. Orientation of the two filters such that their vibration planes were perpendicular allowed observation of birefringence and extinction characteristics of anisotropic particles.

Lead:

Potential Lead-Containing Materials that may be impacted during the proposed renovation activities were identified via visual identification. The representative, suspect surface coatings were then measured on-site through the use of a NITON XLp 303A x-ray fluorescence (XRF) spectrum analyzer, in accordance with the requirements of the manufacturer's performance characteristics sheet (PCS) for this instrument.

For purposes of this survey, and in accordance with Title 8 of the California Code of Regulations, Section 1532.1 (8 CCR 1532.1), Title 17 of the California Code of Regulations, Section 35001 et. seq. and Chapter 11 of the Los Angeles Health & Safety Code, the XRF measurement data results were interpreted as follows:

1. Positive results (LBP present) were determined when analytical results revealed a lead concentration of 0.7 mg/cm^2 or greater.

2. Intermediate results (LCSC present; Cal/OSHA compliance required) were determined when analytical results revealed a lead concentration of less than 0.7 mg/cm^2, but greater than 0.09 mg/cm^2.

3. Negative results (lead containing materials not present) were determined when analytical results revealed a lead concentration of 0.09 mg/cm^2 or less.

VI – Discussion of Survey Results

A total of 31 bulk samples for asbestos were collected by Winzler & Kelly from the subject site between September 8 and September 12, 2005. In summary, it was determined that asbestos-containing materials are present in areas that would be directly impacted by the aforementioned activities. These materials include:

Hawkins Building

1. 12" Vinyl Floor Tile/Mastic – Brown with Yellow Streaks[1]
2. Sink Undercoat Mastic[1]
3. 12" Vinyl Floor Tile/Mastic - Grey[1, 2]
4. Pipe Sealant at Terminated Thermal System Lines[1, 2]

Note 1 – This material was sampled by Winzler & Kelly and determined to contain detectable levels of asbestos.

Note 2 – These materials were previously sampled by URS Corporation and determined to contain detectable levels of asbestos.

The following suspect asbestos-containing materials were sampled and determined **NOT** to contain detectable levels of asbestos:

Hawkins Building

1. HVAC Canvas Wrap[1]
2. 12" Vinyl Floor Tile/Mastic – White/Red/Blue Speckled[1, 2]
3. Grey Basecove/Mastic[1, 2]
4. 2'x4' Acoustic Ceiling Tile – Pinhole Pattern[1]
5. Plaster Walls[1, 2]
6. Plaster Ceilings[2]
7. 2'x4' Acoustic Ceiling Tile – Fissured Pattern[1]
8. 12" Vinyl Floor Tile/Mastic – Grey with White Specks[1]
9. Blue Basecove/Mastic
10. 2'x4' Acoustic Ceiling Tile – 12" Sectional/Pinhole and Fissure Pattern[1]
11. Wallboard/Joint Compound Ceilings in Main Hallways[1]
12. Carpet Glue[1]
13. Fire Door Insulation[1]
14. Spray-in Plaster Substrate[1]

Note 1 – These materials were sampled by Winzler & Kelly and determined not to contain detectable levels of asbestos.

Note 2 – These materials were previously sampled by URS Corporation and determined not to contain detectable levels of asbestos.

A summary of ACMs, including material locations and quantities, can be found in Appendix A. Individual PLM bulk sampling results from the laboratory (the report) can be found in Appendix C.

Lead-Containing Surface Coatings/Lead-Based Paints (LCSCs/LBPs)

A total of 201 XRF measurements (including calibration measurements) were collected from the **Martin Luther King/Drew Medical Center Hawkins Building**. These reading were utilized for this report.

The XRF measurement results for this survey indicated that the following building component and respective surface coatings had lead concentrations defining them as LBPs, in accordance with Title 17 of the California Code of Regulations, Section 35001 et. seq. and Chapter 11 of the Los Angeles Health & Safety Code:

Hawkins Building

The following materials were identified as having lead-based paint/coatings:

1. Ceramic Sinks
2. Laminated Cabinets – Orange
3. Ceramic Floor Basins
4. Ceramic Tubs
5. Laminated Counters/Cabinets- Red
6. Laminated Cabinets – Cream

The XRF measurement results for this survey indicated that the following building component and respective surface coatings had lead concentrations, in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1:

1. Ceramic Wall Tile – Black
2. Plaster Walls – Room 2135
3. Laminated Doors – Blue

The following materials had lead concentrations below regulated levels (none detected by XRF):

1. Plaster Walls/Ceilings (Except Listed as LCSC)
2. Metal Doors Jambs
3. Wood Doors
4. Ceramic Wall Tile (Except Listed as LCSC)
5. Ceramic Floor Tile
6. Ceramic Toilets
7. Ceramic Baseboard Tiles
8. Metal Window Casings – Grey
9. Laminated Cabinets (Except Listed as LBP)
10. Metal Lockers
11. Ceramic Spanish Floor Tile

A table summarizing all XRF data collected during the course of this investigation can be found in Appendix B

Universal Waste Rule Materials:

In summary, three types of Universal Waste Rule materials were identified as being within the scope of work area. These included:

1. Batteries within Emergency Lighting Units (not expected to be impacted)
2. Fluorescent Light Tubes (contain mercury)
3. Ballasts a/w Fluorescent Lighting (may contain PCBs)

Additional discussion of Universal waste Rule items takes place in Section VII – Conclusions and Recommendations, below.

VII – Conclusions and Recommendations

The following three tables outline the regulated asbestos, lead, and Universal Waste Rule materials that will be impacted by the subject SB 1953 Seismic Retrofit Project, based upon the plans submitted to W&K by URS. Each indicates the nature and description of the hazardous materials in each category as well as the locations where the material was observed and the amount of each material that is expected to be impacted by the proposed project. Please note that the quantity to be impacted does not include materials deemed unlikely to be impacted by proposed construction activities as shown on the drawings or materials in areas where no project work is shown to take place, both of which were outside the scope of this project.

Table 1 **Hawkins Building Asbestos-Containing Materials** **1 of 3**

Material	Location	Estimated Quantity to be Impacted
12" Vinyl Floor Tile/Mastic – Tan with Specks	2074, 2145	350 SF
12" Vinyl Floor Tile/Mastic – Brown with Yellow Streaks	2173-D, 2173-A (Telephone Closets)	20 SF
Sink Undercoat Mastic	2133, 2159, 2168-A, 2168-E, 2175, 2177	12 SF
12" Vinyl Floor Tile/Mastic - Grey	2002-B	20 SF
Pipe Sealant at Terminated Thermal System Lines	Throughout Plenum	See Note 2

Table 2 **Hawkins Building Lead-Containing Materials** **2 of 3**

Material	Location	Estimated Quantity to be Impacted
Lead-Based Paint Ceramic Sinks	Throughout All Restrooms	21 Sinks
Lead-Based Paint Laminated Cabinets – Orange	2032, 2032-A, 2032-B, 2033, 2034, 2035, 2036, 2038, 2039, 2040, 2042, 2044, 2046, 2159, 2163, 2167, 2168, 2168-A, 2168-E, 2171, 2174, 2175, 2177, 2178, 2180	See Note 1
Lead-Based Paint Ceramic Floor Basins	2170	See Note 1
Lead-Based Paint Ceramic Tubs	2043, 2064, 2114, 2137, 2184, Ward "D" Tub Room	5
Lead-Based Paint Laminated Counters/Cabinets-Red	2128-A, 2147	See Note 1
Lead-Based Paint Laminated Cabinets – Cream	2128-A	See Note 1
Lead-Containing Surface Coatings Ceramic Wall Tile – Black	2130-A, 2132-A, 2134-A, 2136-A,2137, 2137-B, 2137-A, 2138-A, 2139, 2146, 2148-A	300 SF
Lead-Containing Surface Coatings Plaster Walls	Room 2135	40 SF
Lead-Containing Surface Coatings Laminated Doors – Blue	2006	See Note 1

Table 3 **Hawkins Building Universal Waste Rule Materials** **3 of 3**

Material	Location	Estimated Quantity to be Impacted
Emergency Lighting	Exit Paths	14 Units
Fluorescent Tubes	Throughout Hospital	1,158 Tubes
Light Fixture Ballasts	Throughout Hospital	579 Ballasts

Note 1 – Drawings provided to Winzler & Kelly from Stephen Wen + Associates, dated 2-1-05 did not indicate that these cabinets were to be removed. They are listed for informational purposes only.
Note 2 – It is recommended that terminated pipe ends with this coating not be disturbed. Any mounting of brackets or reinforcement should be performed at least 3 feet from the material.

The results of the survey indicate that asbestos is present in areas that may be directly impacted by impending renovation for Floor 2 of the subject site. A list of asbestos-containing materials can be found in Section VI of this report (above).

At no time should any identified or assumed asbestos-containing materials be drilled, cut, sanded, scraped or otherwise disturbed. These materials should be removed prior to any demolition / renovation activities which will impact these materials. In the event that any new materials not identified as being tested are uncovered, work that would impact such materials should cease until such time as these materials can be properly tested for asbestos content.

All asbestos disturbance and/or removal operations should be conducted by a Cal/OSHA registered and State licensed asbestos removal contractor. All disturbance and/or abatement operations should be under the direction of a California Certified Asbestos Consultant.

The results of the survey indicate that LBP and LCSC are present in areas that may be directly impacted by the impending renovations. These materials are identified in Section VI of this report.

At present there are no state or federal laws dealing with mandatory abatement following the identification of lead-containing surface coatings prior to disturbance. However, in 1993 the Occupational Safety and Health Administration promulgated legislation (29 CFR 1926.62 and 8 CCR 1532.1) entitled "Lead Exposure in the Construction Industry" which deals with worker exposure to lead.

This legislation requires that any job which may potentially expose workers to any concentration of lead be monitored to determine workers eight-hour time weighted average (TWA) exposure to lead. Prior to conducting activities which may generate a lead exposure, such workers must be properly fitted with respiratory protection and protective clothing until personal eight-hour TWA results reveal exposures within acceptable levels.

All activities involving potential and identified LCSC's should be conducted in accordance with Title 8, California Code of Regulations, Section 1532.1 and 29 CFR 1926.62. In addition, all activities involving identified LBP must be conducted in accordance with Title 17, California Code of Regulations, Division 1, Chapter 8, Sections 35001 through 36100, which prescribes the use of DHS-certified workers, work practices, and other requirements.

Any welding, cutting or heating of metal surfaces containing surface coatings should be conducted in accordance with 8 CCR 1537 and 29 CFR 1926.354. These regulations require surfaces covered with toxic preservatives, and in enclosed areas, be stripped of all toxic coatings for a distance of at least 4 inches, in all directions, from the area of heat application prior to the initiation of such heat application.

The results of the survey indicate that materials subject to the Universal Waste Rule, including NiCd batteries, fluorescent light tubes, and ballasts associated with fluorescent lighting fixtures, are present in areas that may be directly impacted by the impending renovations. These materials are identified in Section VI of this report.

Waste characterization and disposal of all lead-containing and other hazardous materials must be conducted in accordance with the requirements of Title 22 of the California Code of Regulations, Sections 66243, et seq., and Sections 25157.8, et al, of the California Health and Safety Code.

Should materials similar to those identified in this report or, other forms of suspect hazardous materials be present, maintenance personnel/contractors should be instructed to immediately cease work activities which may initiate a fiber release episode, and notify the appropriate management personnel.

Notification to employees and contractors working within the building should be made in accordance with the California Health and Safety Code, Section 25915 et.seq. and Proposition 65.

VIII – Confidentiality and Limitations

Winzler & Kelly Consulting Engineers performed this survey in accordance with the terms and conditions set forth in the applicable Agreement between Winzler & Kelly Consulting Engineers and Los Angeles County Department of Public Works.

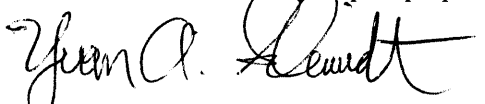
All field investigation and bulk sampling was performed to provide information satisfactory for the completion of the scope of work identified by the drawings for the subject-related Floor 3 O/R Renovation and Utility Infrastructure Upgrades at Martin Luther King/Drew Medical Center.

Please note that the survey conducted was not completely intrusive and did not include access and/or sampling of areas such as enclosed pipe chases or wall voids, which would have required demolition to access. Every effort was made to access such voids where possible without causing damage to the facility, such as at access panels and where damage already existed at the time of the survey.

This product is intended for use by the Los Angeles County Department of Public Works as it pertains to the scope of work identified above. Winzler & Kelly Consulting Engineers makes no warranties as to the findings of this report as it pertains to areas not specifically identified on the drawings received and reviewed, changes in scope that this office has not been made aware of in writing, or projects other than the project mentioned in this report.

IX – Signature Block

Hazardous Materials Survey Report prepared for the Company by:



Yvan A. Schmidt
Project Manager
CAC Certification No. 05-3791
DHS Certification No. 2975 I/M/D

SECTION 2

LIST OF ACRONYMS and DEFINITIONS

SECTION 2 – DEFINITIONS and ACRONYMS

Abatement – Procedures to control fiber release from asbestos-containing materials or asbestos-containing construction materials and procedures to reduce the hazard of LCM, soil and dust. Includes removal, encapsulation, enclosures, repair, demolition, and renovation activities.

AHERA - Asbestos Hazard Emergency Response Act, 40 CFR, Part 763, Subpart E, and subsequent amendments.

Air Filtration and Ventilation System - A portable exhaust system equipped with HEPA filtration and capable of maintaining a constant air flow into a regulated work area from adjacent areas and exhausted outside the regulated work area.

Amended Water - Water to which a surfactant (wetting agent) has been added.

ANSI - American National Standards Institute

Asbestos - the asbestoform varieties of chrysotile (Serpentine); crocidolite (Riebecktite); amosite (cummingtonitegrunerite); anthophyllite; tremolite; and actinolite.

Asbestos-Containing Construction Material (ACCM) – means any manufactured construction material which contains more than one tenth of one percent (0.1%) asbestos by weight.

Asbestos-Containing Material (ACM) – means any material containing more than one-percent (1%) asbestos.

Asbestos-Containing Waste (Non-hazardous) – Non-friable asbestos-containing material including, but not limited to, floor covering, roofing materials and cementitious materials requiring disposal.

Asbestos-Containing Waste (Hazardous) – Friable asbestos-containing materials and asbestos contaminated objects and debris requiring disposal.

Asbestos/Lead Project Manager - An individual qualified by virtue of experience, education, and training designated as the District's representative and responsible for overseeing the asbestos and/or lead abatement and Operations and Maintenance projects.

ASTM - American Society for Testing and Materials

Authorized Representative(s) - The person or persons designated by name and/or title who has/have the authority to decide, direct, approve, or disapprove a matter during the course of this contract.

Authorized Visitor - A qualified Owner representative and any representative of a regulatory or other agency having jurisdiction over the project.

Bulk Paint Chip Samples - Are samples of coatings on buildings or other materials that are collected for the purpose of analysis to determine if lead is present and if so to what extent.

Bulk Samples - Are samples of building or other materials that are collected for the purpose of analysis to determine if asbestos is present and if so to what extent.

Certified Consultant (Asbestos) - Has the same meaning as defined in the California Code of Regulations Title 8, as it relates to, "Certified Asbestos Consultant."

Certified Consultant (Lead) - Has the same meaning as defined in the California Code of Regulations Title 17, as it relates to, Certified Lead Inspector/Assessor, Certified Lead Project Monitor or Certified Lead Project Designer.

Clean Room - An uncontaminated area or room which is a part of the worker decontamination enclosure system with provisions for storage of worker's street clothes and clean protective equipment.

Competent Person (Asbestos) – Has the same meaning as defined in the California Code of Regulations Title 8, as it relates to, "Competent Person."

Competent Person (Lead) – Has the same meaning as defined in the California Code of Regulations Title 8, Section 1532.1 as it relates to, "Competent Person."

Contractor - The individual and/or legal entity and employees of the Contractor awarded the contract or under subcontract to a general contractor. Contractor is responsible for the proper completion of project activities in accordance with these contract specifications even when working as a subcontractor.

Curtained Doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs are permissible.

Decontamination – The process of eliminating asbestos contamination from building surfaces and objects by using cloths, mops, or other utensils that have been dampened with water and afterwards disposed of as asbestos and/or lead contaminated waste.

Decontamination Enclosure System – means an enclosed area adjacent and connected to the regulated area and consisting of an equipment room, shower room, and clean room, which is used for the decontamination of workers, materials, and equipment that are contaminated with asbestos and/or lead.

Demolition - The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.

DHS – Department of Health Services

DOSH - Division of Occupational Safety & Health or Cal/OSHA

DOT – Department of Transportation

DTSC – Department of Toxic Substances Control

Encapsulating Material (Asbestos) - A liquid material which can be applied to asbestos-containing materials which controls the possible release of asbestos fibers from the material either by creating a membrane over the surface (bridging agent) or by penetrating into the material and binding its components together (penetrating encapsulating material).

Encapsulating Material (Lead) - A liquid material which can be applied which controls the possible chalking or flaking LCM by creating a membrane over the surface.

Encapsulation (Asbestos) - The application of an encapsulating material to asbestos containing materials to prevent the release of asbestos fibers into the air.

Encapsulation (Lead) - The application of an encapsulating material to LCM to prevent or control chalking or flaking LCM from becoming part of dust or accessible to children.

Enclosure - The construction or application of an airtight, impermeable, permanent barrier around asbestos-containing material and/or lead containing material to control the release of asbestos fibers into the air.

Environmental Consultant - Refers to the firm, company, or corporation designated to manage the environmental testing and abatement oversight, as well as its employees, subcontractors, contracted laboratories, in-house laboratory, employees of subcontractors, and employees of contracted laboratories.

Equipment Decontamination Enclosure System - That portion of a decontamination enclosure system designed for controlled transfer of materials and equipment into or out of the regulated work area.

Equipment Room - A room within the worker decontamination enclosure system with provisions for storage of used clothing and equipment.

Facility Component – Means any part of a facility, including equipment.

Fixed Object - A piece of equipment or furniture in the work area which cannot be removed from the work area.

Friable Asbestos - Asbestos containing material which, when dry, can be crumbled, pulverized or reduced to a powder using hand pressure or as defined by current regulatory rules and/or regulations.

Glove Bag Technique - A method with limited applications for removing small amounts of asbestos containing material from short piping runs, valves, joints, elbows, and other non-planar surfaces in a work area. The glove bag assembly is a manufactured or fabricated device consisting of a glove bag (typically constructed of 6 mil transparent polyethylene or polyvinylchloride plastic), two inward projecting long sleeves gloves, an internal tool pouch, and labeled for asbestos waste. The glove bag is constructed and installed in such a manner that it surrounds the object or material to be removed and contains all asbestos fibers released during the process. All workers who are permitted to use the glove bag technique shall be thoroughly trained, experienced, and skilled in this method.

"Guidance Documents" shall include, but not be limited to:

- The U.S. Department of Housing and Urban Development (HUD) *Guidelines For the Evaluation and Control of Lead-Based Paint Hazards in Housing*, June 1995 (HUD Guidelines)

- The National Institute of Building Sciences (NIBS) *Lead-Based Paint-Operations & Maintenance Work Practices Manual For Homes and Buildings* (NIBS Guidelines)

- NIBS *Guide Specifications for Reducing Lead-Based Paint Hazards* (NIBS Specifications)

Hazardous Waste (Asbestos) - As it relates to asbestos means friable asbestos generated and prepared for waste disposal. This does not include non-friable materials or materials containing less than one-percent or less asbestos as determined by point counting.

Hazardous Waste (Lead) As it relates to lead means concentrations of lead generated and prepared for waste disposal that exceed the requirements of the TTLC, STLC or TCLP analytical requirements.

HEPA Filter - A High Efficiency Particulate Air refers to a filtering system capable of trapping and retaining at least 99.97% of all monodispersed particles 0.3 microns in diameter or larger. For respirators this shall include NIOSH rated P-100 cartridges only.

HEPA Vacuum - A vacuum system equipped with HEPA filtration.

High Volume Vacuum - means a vacuum system with the capacity to collect material through a four (4) inch diameter hose a distance of 150 feet at a minimum. This system shall be equipped with HEPA filter(s) at the air exhaust port and water applicators within the hopper. The water applicators shall be in working order, providing water to sufficiently wet the volume of material entering the hopper at all times.

Holding Area - A chamber in the equipment decontamination enclosure located between the washroom and an uncontaminated area. The holding area comprises an airlock.

HVAC - Heating, Ventilation, and Air Conditioning System.

Lead (inorganic) – is an element which means that its atomic structure is permanently arranged and is not changed by chemical reactions. Lead can combine chemically with other atoms or molecules to make new compounds. Lead is a heavy metal, because when it is refined from raw ore into its pure form, lead can be hammered or drawn into shapes.

Lead-Based Paint (LBP) – as defined in 17 CCR 35033 means paint or other surface coatings that contain an amount of lead equal to or in excess of one milligram per square centimeter (1.0 mg/cm^2) or more than half of one percent (0.5%) by weight. For work within Los Angeles County, the standard to be utilized is seven-tenths of one milligram per square centimeter (0.7 mg/cm^2).

Lead-Containing Surface Coating (LCSC) – means paint or other surface coating(s) that contain a detectable amount of lead at concentrations less than the definition of a lead-based paint.

Lead-Contaminated Dust - as defined in 17 CCR 35035 means dust that contains an amount of lead equal to or in excess of 50 ug/ft^2 for interior floor surfaces, 250 ug/ft^2 for interior horizontal window surfaces and 800 ug/ft^2 for exterior floor and exterior horizontal surfaces.

Lead-Contaminated Soil - as defined in 17 CCR 35036 means bare soil that contains an amount of lead equal to or in excess or 400 parts per million (ppm) in children's play areas and 1,000 ppm in all other areas.

Lockdown Coat - A material applied to surfaces where asbestos has been completely removed. The manufacturer shall determine the concentration of this material.

Member – In structural engineering, a component part of a structure complete in itself.

Movable Object - A piece of equipment or furniture in the work area which can be removed from the work area.

NESHAP - National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)

NIOSH - National Institute for Occupational Safety and Health

Outside Air - Air outside of buildings and structures.

PACM – means thermal system insulation and surfacing material found in buildings constructed no later than 1980.

PCM - Phase Contrast Microscopy as it relates to clearance air, personal protection assessment, and ambient air monitoring. This procedure must follow the NIOSH Method 7400, Asbestos Fibers by PCM.

PLM - Polarized Light Microscopy used for bulk sample analysis with dispersion staining for the determination and quantifying of asbestos in bulk samples building materials.

Regulated Area - Designated rooms, spaces, or areas of the project in which asbestos abatement actions are to be undertaken or which may become contaminated as a result of such abatement actions. A contained work area is a work area which has been sealed, and equipped with a decontamination enclosure system. A non-contained work area is an isolated or controlled access work area which has not been plasticized nor equipped with a decontamination enclosure system.

"Regulations" shall include, but not be limited to:

- U.S. Environmental Protection Agency Regulations for Asbestos (Title 40, Code of Federal Regulations, Part 61, Subparts A & B, and Part 763, Subpart E.)
- Title 8, Article 4, California Code of Regulations Construction Industry Safety Orders, Section 1529 "Asbestos" or current revised California regulations.
- South Coast Air Quality Management District (SCAQMD) Rule 1403.
- 29 CFR Part 1926 Construction Industry Lead Standard (1926.62)
- 29 CFR Part 1910 OSHA General Industry Standards
- 40 CFR Parts 260-263, and Part 745
- 24 CFR Part 35
- Title 8 California Code of Regulations, Section 1532.1

- Title 17, California Code of Regulations, Division 1, Chapter 8
- Title 22, California Code of Regulations
- Section 25157.8 of the California Health & Safety Code

Removal – Means all operations where all ACM, PACM, LBP and/or LCSC is taken out or stripped from structures or substrates, and includes demolition operations.

Renovation – Means the modifying of any existing structure, or portion thereof.

SCAQMD – South Coast Air Quality Management District

Shower Room - A room between the clean room and the equipment room in the worker decontamination enclosure with hot and cold running water controllable at the tap and suitably arranged for complete showering during decontamination.

Soluble Threshold Limit Concentration (STLC) – Test performed to determine whether a waste stream is defined as hazardous. For lead, this is 5.0 mg/l.

Staging Area - Either the holding area or some area near the waste transfer airlock where containerized asbestos waste has been placed prior to removal from the work area.

Surfactant - A chemical wetting agent added to water.

TEM - Transmission Electron Microscopy as defined for asbestos clearance air monitoring within AHERA. This procedure must follow the NIOSH Method 7402, Asbestos Fibers by TEM.

Total Threshold Limit Concentration (TTLC) - Test performed to determine whether a waste stream is defined as hazardous. For lead, this is 1,000 ppm.

Toxicity Characteristic Leaching Procedure (TCLP) - Test performed to determine whether a waste stream is defined as hazardous. For lead, this is 5.0 mg/l.

TSI - Thermal System Insulation as defined in AHERA.

USEPA or EPA – United States Environmental Protection Agency

Visible Emissions - Any emissions from a known or suspected asbestos material that can be seen with the human eye.

Waste Transfer Airlock - A decontamination system utilized for transferring containerized waste from inside to outside of the work area.

XRF – Instrument utilized to detect lead in surface coatings through non-destructive, direct-reading measurements. Devices commonly use a radioactive source and all operators must be trained and companies licensed with the California Radioloigic Health Branch to possess and operate these devices. Results are presented in mg/cm^2.

ACRONYMS:

ACM	Asbestos-Containing Material
AES	atomic emission spectroscopy
ALC	apparent lead concentration
BLL	blood lead level
CFR	Code of Federal Regulations
CLC	corrected lead concentration
CPSC	Consumer Product Safety Commission
cm	centimeter
DOD	Department of Defense
EPA	Environmental Protection Agency
HUD	U.S. Department of Housing and Urban Development
ICP	inductively coupled argon plasma
keV	kilo-electron volt
LBP	lead-based paint
LBPPPA	Lead Based Paint Poisoning Prevention Act
LCD	Liquid Crystal Display
LCSC	Lead-Containing Surface Coating
LCM	Lead-Containing Material
ug/cm^3	micrograms per cubic centimeter
ug/dl	micrograms per deciliter
ug/ft^2	micrograms per square foot
mg/cm^2	milligrams per square centimeter
mg/m^2	milligrams per square meter
mm	millimeter
PCS	Performance Characteristics Sheet
PACM	Presumed Asbestos-Containing Material
P.L.	Public Law
PHA	Public Housing Authority
ppm	parts per million
QC	quality control
Ss	source second
SEL	substrate effect level
U.S.C.	United States Code
XRF	x-ray fluorescence

APPENDIX A

ACM SAMPLE RESULTS TABLES

APPENDIX A – ACM SAMPLE RESULT TABLE

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-1	HVAC Duct Sealant - Canvas Wrap	Women's Restroom 200	N/A	NAD
H-2	12" VFT/Mastic – White/red/Blue Speckled	Hall 2 at 2163 Entry	N/A	Tile – NAD Mastic – NAD
H-3	Basecove/Mastic - Grey	Hall 2 "A" at 2167 Entry	N/A	Basecove – NAD Mastic – NAD
H-4	2'x4' Acoustic Ceiling Tile – Pinhole Pattern	Room 2166 Center	N/A	NAD
H-5	Plaster Wall - Smooth	Room 2161 at Entry	N/A	Plaster – NAD Skimcoat/Joint Compound – NAD Paint - NAD
H-6	*12" VFT/Mastic – Brown with Yellow Streaks*	*Room 2173-A at Entry*	*N/A*	*Tile – Trace Chrysotile* *Mastic – 5% Chrysotile*
H-7	2'x4' Acoustic Ceiling Tile – Fissured Pattern	Room 2171 Center	N/A	NAD
H-8	*12" VFT/Mastic – Brown with Yellow Streaks*	*Room 2173-D*	*N/A*	*Sample Not Analyzed* *Positive Stop*
H-9	*Sink Undercoat*	*Room 2175*	*N/A*	*3% Chrysotile*
H-10	12" VFT/Mastic – Grey with White Specks	Room 2148	N/A	Tile – NAD Mastic – NAD

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-11	Basecove/Mastic – Blue	Room 2148	N/A	Skimcoat/Joint Compound - NAD Basecove – NAD Mastic - NAD
H-12	2'x4' Acoustic Ceiling Tile – 12" Pinhole/Fissured Pattern	Room 2148	N/A	NAD
H-13	Plaster Wall	Room 2148	N/A	Plaster – NAD Paint – NAD Skimcoat/Joint Compound - NAD
H-14	Wallboard/Joint Compound Ceiling	Main Hallway – North End	N/A	Wallboard – NAD Joint Compound – NAD Paint - NAD
H-15	Wallboard/Joint Compound Ceiling	Main Hallway – Middle	N/A	Wallboard – NAD Joint Compound – NAD
H-16	Wallboard/Joint Compound Ceiling	Main Hallway – South	N/A	Wallboard – NAD Joint Compound – NAD
H-17	2'x4' Acoustic Ceiling Tile – 12" Pinhole/Fissured Pattern	Main Hallway	N/A	NAD
H-18	Plaster Wall	Room 2134	N/A	Plaster – NAD Paint – NAD Skimcoat/Joint Compound - NAD
H-19	Basecove/Mastic – Blue	Room 2148	N/A	Skimcoat/Joint Compound - NAD Basecove – NAD Mastic - NAD
H-20	*Sink Undercoat*	*Room 2175*	*N/A*	*Sample Not Analyzed Positive Stop*

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-21	12" VFT/Mastic – Grey with White Specks	Room 2006	N/A	Tile – NAD Mastic – NAD
H-22	Basecove/Mastic – Blue	Room 2006	N/A	Blue – NAD Mastic – NAD
H-23	2'x4' Acoustic Ceiling Tile-Pinhole/Fissured Pattern	Room 2006	N/A	NAD
H-24	Plaster Wall	Room 2006	N/A	Plaster Wall (Layer 1) – NAD Plaster Wall (Layer 2) - NAD
H-25	*12" Vinyl Floor Tile/Mastic - Grey*	*Room 2004-A*	*N/A*	*Tile- 2% Chrysotile* *Mastic- 3% Chrysotile*
H-26	Carpet Glue – Brown	Room 2059	N/A	NAD
H-27	*Thermal System Insulation – Pipe Wrap Sealant*	*End of Pipe Run – Room 2071*	*N/A*	*Insulation- NAD* *Coating – 2% Chrysotile*
H-28	Fire Door Insulation	Room 2038 Entry – Broken Panel	N/A	NAD
H-29	Spray in Plaster - Rough	Plenum – Hall – East of 2038	N/A	NAD
H-30	Spray in Plaster - Rough	Plenum – Hall D at Kitchen	N/A	NAD

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-31	Spray in Plaster - Rough	Plenum – Hall A Center	N/A	NAD

Notes to Table 1:

1. VFT stands for "Vinyl Floor Tile".
2. NAD stands for "No Asbestos Detected".

APPENDIX B

XRF DATA TABLES

MLK/Drew - Hawkins Building Second Floor

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
1								4.7
2								4.56
3			CALIBRATE				CAL	1.1
4			CALIBRATE				CAL	1.2
5			CALIBRATE				CAL	1.2
23	WALLTILE	CERAMIC	A	YELLOW	2	WRR2OO	NEG	0.04
24	DOORJAMB	METAL	A	BROWN	2	WRR2OO	NEG	0
25	DOOR	WOOD	A	YELLOW	2	WRR2OO	NEG	0
26	WALLTILE	CERAMIC	A	YELLOW	2	WRR2OO	NEG	0.03
27	FLOORTILE	CERAMIC		YELLOW	2	WRR2OO	NEG	0.01
28	**SINK**	**CERAMIC**		**WHITE**	**2**	**WRR2OO**	**LBP**	**1.1**
29	TOILET	CERAMIC		WHITE	2	WRR2OO	NEG	0.01
30	STALL	METAL		BROWN	2	WRR2OO	NEG	0
31	CEILING	PLASTER		YELLOW	2	WRR2OO	NEG	0
32	WALL	PLASTER	A	PINK	2	HALL2	NEG	0.01
33	DOORJAMB	PLASTER	A	PINK	2	HALL2	NEG	0.04
34	DOOR	PLASTER	A	GRAY	2	HALL2	NEG	0
35	WALL	PLASTER	B	WHITE	2	HALL2	NEG	0.02
36	WALL	PLASTER	C	WHITE	2	HALL2	NEG	0.01
37	WALL	PLASTER	D	WHITE	2	HALL2	NEG	0.02
38	WALL	PLASTER	A	WHITE	2	2163	NEG	0
39	DOORJAMB	METAL	A	MUAVE	2	2163	NEG	0.03
40	DOOR	WOOD	A	MUAVE	2	2163	NEG	0
41	WALL	PLASTER	A	WHITE	2	2163	NEG	0
42	WALL	PLASTER	C	WHITE	2	2163	NEG	0
43	WALL	PLASTER	D	WHITE	2	2163	NEG	0
44	**CABINET**	**LAMINATE**	**D**	**ORANGE**	**2**	**2163**	**LBP**	**0.8**
45	**CABINET**	**LAMINATE**	**D**	**ORANGE**	**2**	**2163**	**LBP**	**0.8**
46	BASEBOARD	CERAMIC	A	YELLOW	2	2163	NEG	0.04
47	FLOORTILE	CERAMIC	A	YELLOW	2	2163	NEG	0.02
48	**SINK**	**CERAMIC**	**A**	**WHITE**	**2**	**2163**	**LBP**	**1.7**
49	FLOORTILE	CERAMIC	A	RED	2	2159	NEG	0
50	**CABINET**	**LAMINATE**	**A**	**ORANGE**	**2**	**2159**	**LBP**	**0.8**
51	WALL	PLASTER	A	WHITE	2	2159	NEG	0
52	DOORJAMB	METAL	A	MUAVE	2	2159	NEG	0.01
53	DOOR	WOOD	A	MUAVE	2	2159	NEG	0
54	WALLTILE	CERAMIC	A	YELLOW	2	2160RR	NEG	0.02
55	**SINK**	**CERAMIC**	**A**	**WHITE**	**2**	**2160RR**	**LBP**	**1.9**
56	TOILET	CERAMIC	A	WHITE	2	2160RR	NEG	0.02
57	WALL	PLASTER	A	WHITE	2	2160RR	NEG	0.01
58	DOORJAMB	METAL	A	MUAVE	2	2160RR	NEG	0.02
59	DOOR	LAMINATE	A	YELLOW	2	2160RR	NEG	0
60	WALL	PLASTER	A	WHITE	2	2160RR	NEG	0.04
61	WALL	PLASTER	B	MUAVE	2	2160RR	NEG	0.02
62			CALIBRATE				CAL	1.1
63			CALIBRATE				CAL	1.1
64			CALIBRATE				CAL	1.1
65								4.58
66								4.48

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
67	FLOORTILE	CERAMIC	A	YELLOW	2	2170	NEG	0
68	**FLOORBASIN**	**CERAMIC**	**A**	**WHITE**	**2**	**2170**	**LBP**	**36.4**
69	WALLTILE	CERAMIC	A	YELLOW	2	2170	NEG	0.04
70	WALL	PLASTER	D	WHITE	2	2171	NEG	0.01
71	WINDOWCASING	METAL	D	GREY	2	2171	NEG	0
72	WALLPANEL	WOOD	D	YELLOW	2	2173D	NEG	0
73	DOOR	LAMINATE	D	WHITE	2	2173D	NEG	0
74	DOORJAMB	METAL	D	MUAVE	2	2173D	NEG	0.01
75	WALL	PLASTER	A	WHITE	2	2176	NEG	0.02
76	DOORJAMB	METAL	A	MUAVE	2	2176	NEG	0.09
77	DOOR	LAMINATE	A	YELLOW	2	2176	NEG	0
78	WALL	PLASTER	B	WHITE	2	2176	NEG	0.02
79	WALL	PLASTER	C	WHITE	2	2176	NEG	0.02
80	WINDOWCASING	PLASTER	C	WHITE	2	2176	NEG	0
81	WALL	PLASTER	D	MUAVE	2	2176	NEG	0.01
82	WALLTILE	CERAMIC	D	YELLOW	2	2176RR	NEG	0.02
83	SINK	CERAMIC	D	WHITE	2	2176RR	NEG	0.01
84	TOILET	CERAMIC	D	WHITE	2	2176RR	NEG	0.02
85	CABINET	LAMINATE	D	BROWN	2	2157	NEG	0.08
86	WALLTILE	CERAMIC	D	GREY	2	2182	NEG	0.01
87	**TUB**	**CERAMIC**	**D**	**WHITE**	**2**	**2184**	**LBP**	**43.8**
88	WALL	PLASTER	A	WHITE	2	2148	NEG	0
89	DOORJAMB	METAL	A	BLUE	2	2148	NEG	0.02
90	DOOR	LAMINATE	A	WHITE	2	2148	NEG	0
91	WALL	PLASTER	B	WHITE	2	2148	NEG	0
92	WALL	PLASTER	C	WHITE	2	2148	NEG	0
93	WALL	PLASTER	C	WHITE	2	2148	NEG	0.01
94	CABINET	LAMINATE	C	CREAM	2	2148	NEG	0.01
95	WALLTILE	CERAMIC	A	BLACK	2	2148RR	**LCSC**	0.28
96	FLOORTILE	CERAMIC	A	BLACK	2	2148RR	NEG	0.01
97	TOILET	CERAMIC	A	WHITE	2	2148RR	NEG	0.01
98	SINK	CERAMIC	A	WHITE	2	2148RR	NEG	-0.79
99	WALLTILE	CERAMIC	A	PINK	2	2137	NEG	0.01
100	WALLTILE	CERAMIC	A	BLACK	2	2137	NEG	0.02
101	DOORJAMB	CERAMIC	A	BLUE	2	2137	NEG	0.02
102	DOOR	LAMINATE	A	BLUE	2	2137	NEG	0
103	**TUB**	**CERAMIC**	**A**	**WHITE**	**2**	**2139**	**LBP**	**44.4**
104	FLOORTILE	CERAMIC	A	BROWN	2	2139	NEG	0
105	CABINET	LAMINATE	A	WHITE	2	2147	NEG	0
106	**CABINET**	**LAMINATE**	**A**	**RED**	**2**	**2147**	**LBP**	**0.7**
107	**CABINET**	**LAMINATE**	**A**	**RED**	**2**	**2147**	**LBP**	**0.9**
108	LOCKER	METAL	A	TAN	2	2145	NEG	0.01
109	LOCKER	METAL	A	TAN	2	2145	NEG	0
110	BASBOARDTILE	CERAMIC	A	BROWN	2	2143	NEG	0.07
111	BASINSINK	CERAMIC	A	WHITE	2	2143	NEG	0.02
112	WALL	PLASTER	A	WHITE	2	2135	NEG	0
113	DOORJAMB	METAL	A	BLUE	2	2135	NEG	0
114	DOOR	LAMINATE	A	CREAM	2	2135	NEG	0
115	WALL	PLASTER	B	WHITE	2	2135	**LCSC**	0.14
116	WALL	PLASTER	C	WHITE	2	2135	NEG	0
117	WALL	PLASTER	D	WHITE	2	2135	NEG	0

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
118	CABINET	LAMINATE	D	BLUE	2	2135	NEG	0
119	FLOORTILE	SPANISH	D	RED	2	2133	NEG	0
120	WALL	PLASTER	D	WHITE	2	2128A	NEG	0
121	DOORJAMB	METAL	D	BLUE	2	2128A	NEG	0.02
122	**DOOR**	**LAMINATE**	**A**	**CREAM**	**2**	**2128A**	**LBP**	**0.7**
123	WALL	PLASTER	A	WHITE	2	2128A	NEG	0
124	WALL	PLASTER	C	WHITE	2	2128A	NEG	0
125	**COUNTER**	**LAMINATE**	**C**	**RED**	**2**	**2128A**	**LBP**	**0.7**
126	WALL	PLASTER	D	WHITE	2	2128A	NEG	0
127	WINDOWCASING	METAL	C	BLUE	2	2128	NEG	0
128	WINDOWCASING	METAL	C	BLUE	2	2128	NEG	0
129	WALL	PLASTER	A	WHITE	2	2124	NEG	0
130	DOORJAMB	METAL	A	MUAVE	2	2124	NEG	0.06
131	WALL	PLASTER	B	WHITE	2	2124	NEG	0
132	WALL	PLASTER	C	WHITE	2	2124	NEG	0
133	WALL	PLASTER	D	WHITE	2	2124	NEG	0
134	BASEBOARD	CERAMIC	D	YELLOW	2	2124	NEG	0.04
135	FLOORTILE	CERAMIC	D	YELLOW	2	2124	NEG	0
136	CABINET	LAMINATE	D	YELLOW	2	2124	NEG	0.02
137	SINK	CERAMIC	D	WHITE	2	2124	NEG	0.02
138	WINDOWCASING	METAL	C	GREY	2	2125	NEG	0
139	WALL	PLASTER	A	MUAVE	2	HALLC	NEG	0
140	DOORJAMB	METAL	A	MUAVE	2	HALLC	NEG	0.01
141	DOOR	METAL	A	WHITE	2	HALLC	NEG	0.09
142	WALL	PLASTER	B	WHITE	2	HALLC	NEG	0
143	WALL	PLASTER	C	WHITE	2	HALLC	NEG	0.01
144	WALL	PLASTER	D	WHITE	2	HALLC	NEG	0
145	DOOR	WOOD	D	YELLOW	2	2122	NEG	0.02
146	WINDOWCASING	METAL	A	MUAVE	2	2122	NEG	0
147	WALL	PLASTER	A	WHITE	2	2006	NEG	0.01
148	DOORJAMB	METAL	A	BLUE	2	2006	NEG	0
149	DOOR	LAMINATE	A	BLUE	2	2006	**LCSC**	0.5
150	WALL	PLASTER	B	WHITE	2	2006	NEG	0
151	WALL	PLASTER	C	WHITE	2	2006	NEG	0
152	WALL	PLASTER	D	WHITE	2	2006	NEG	0
153	WINDOWCASING	METAL	D	GREY	2	2006	NEG	0
154	WALLTILE	CERAMIC	A	BLUE	2	2006	NEG	0.06
155	FLOORTILE	CERAMIC	A	BLUE	2	2006	NEG	0.01
156	**SINK**	**CERAMIC**	**A**	**WHITE**	**2**	**2006**	**LBP**	**1.6**
157	TOILET	CERAMIC	A	WHITE	2	2006	NEG	0.02
158	WALL	PLASTER	A	WHITE	2	HALLD	NEG	0
159	DOORJAMB	METAL	A	BLUE	2	HALLD	NEG	0.01
160	DOOR	METAL	A	BLUE	2	HALLD	NEG	0.04
161	WALL	PLASTER	B	WHITE	2	HALLD	NEG	0
162	WALL	PLASTER	C	WHITE	2	HALLD	NEG	0
163	WALL	PLASTER	D	WHITE	2	HALLD	NEG	0
164	CABINET	LAMINATE	B	BLUE	2	2004	NEG	0
165	WALLTILE	CERAMIC	A	PEACH	2	2004	NEG	0.02
166	DOORJAMB	METAL	A	WHITE	2	2004	NEG	0.02
167	DOOR	METAL	A	WHITE	2	2004	NEG	0
168	FLOORTILE	CERAIC	A	PEACH	2	2004	NEG	0

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
169	TOILET	CERAIC	A	WHITE	2	2004	NEG	0.01
170	**SINK**	**CERAMIC**	**A**	**WHITE**	**2**	**2004**	**LBP**	**1.4**
171	BASEBOARD	CERAMIC	A	BLUE	2	2012	NEG	0.07
172	FLOORTILE	CERAMIC	A	BLUE	2	2012	NEG	0.02
173	CABINET	LAMINATE	C	BLUE	2	2012	NEG	0
174	WINDOWCASING	METAL	C	BLUE	2	2014	NEG	0
175			CALIBRATE				CAL	1.2
176			CALIBRATE				CAL	1
177			CALIBRATE				CAL	1.1
1								4.66
2								4.8
3			CALIBRATE				CAL	1.2
4			CALIBRATE				CAL	1.1
5			CALIBRATE				CAL	1.1
6	WALL	PLASTER	A	MUAVE	2	HALL-F	NEG	0
7	DOORJAMB	METAL	A	MUAVE	2	HALL-F	NEG	0.01
8	DOOR	LAMINATE	A	WHITE	2	HALL-F	NEG	0
9	WALL	PLASTER	B	WHITE	2	HALL-F	NEG	0
10	WALL	PLASTER	C	WHITE	2	HALL-F	NEG	0
11	WALL	PLASTER	D	WHITE	2	HALL-F	NEG	0.01
12	BASEBOARD	CERAMIC	D	GREEN	2	HALL-F	NEG	0.08
13	FLOORTILE	CERAMIC	D	GREEN	2	HALL-F	NEG	0
14	WALL	PLASTER	D	WHITE	2	HALL-F	NEG	0
15	WALLTILE	CERAMIC	D	GREEN	2	HALL-F	NEG	0.01
16	WALL	PLASTER	A	WHITE	2	2080	NEG	0
17	DOORJAMB	METAL	A	MUAVE	2	2080	NEG	0.01
18	DOOR	LAMINATE	A	WHITE	2	2080	NEG	0
19	FLOORTILE	CERAMIC	A	RED	2	2080	NEG	0
20	WALL	PLASTER	A	C	2	2080	NEG	0
21	DOOR	LAMINATE	A	GREEN	2	2079	NEG	0.4
22	WALL	PLASTER	A	WHITE	2	2068	NEG	0
23	DOORJAMB	METAL	A	MUAVE	2	2068	NEG	0.01
24	DOOR	LAMINATE	A	GREEN	2	2068	NEG	0.5
25	WALL	PLASTER	B	WHITE	2	2068	NEG	0
26	CABINET	LAMINATE	B	WHITE	2	2068	NEG	0
27	WALL	PLASTER	C	WHITE	2	2068	NEG	0
28	WINDOWCASING	METAL	C	GREY	2	2068	NEG	0
29	WALL	PLASTER	D	MUAVE	2	2068	NEG	0
30	WALL	PLASTER	A	MUAVE	2	HALL-E	NEG	0
31	DOORJAMB	METAL	A	MUAVE	2	HALL-E	NEG	0
32	DOOR	METAL	A	WHITE	2	HALL-E	NEG	0
33	WALL	PLASTER	B	WHITE	2	HALL-E	NEG	0
34	WALL	PLASTER	C	WHITE	2	HALL-E	NEG	0
35	WALL	PLASTER	D	WHITE	2	HALL-E	NEG	0
36	WALLTILE	CERAMIC	A	YELLOW	2	HALL-E	NEG	0.04
37	FLOORTILE	CERAMIC	A	YELLOW	2	HALL-E	NEG	0.02
38	WALLTILE	CERAMIC	A	YELLOW	2	MRR-E	NEG	0.03
39			CALIBRATE				CAL	1.3
40			CALIBRATE				CAL	1
41			CALIBRATE				CAL	1

CAL - Calibration
NEG - Lead not present based on an analytical sensitivity of 0.1 mg/cm2
LCSC - Lead-Containing Surface Coating (8 CCR 1532.1) present
LBP - Lead-Based Paint, as defined by Chapter 11 of the Los Angeles County Health & Safety Code and 17 CCR 35001 et. seq. is present

APPENDIX C

ASBESTOS ANALYTICAL DATA (LAB REPORT)

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW Date: 9- 8 -05

Location: MLK - Hawkins Project Number: 08607.05.003.78187

Collected By: G. Abercrombie CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area ID.	Material	Description	Quantity (SF/LF)
H -1	WPE 200-plenum	U	Canvas	Wave	
-2	Hall @ 2163	CC	12" VFT/M	R/W/B	
-3	Hall @ 2167	DD	13CM	Grey	
-4	2166 ctr	L1	2nd Act	Pinhole	
-5	2161 @ centers	F	Plaster wall	Smooth	
-6	~~2154~~ centers 2173-A GA	LL	12" VFT/M	Brown w/ yellow streaks	
-7	2171 ctr	L2	2nd Act	Fissure	
-8	2173 D	LL	12" VFT/M	Brown w/ yellow streaks	
-9	2175	~~AAA~~ MM	SINK UNDER COATING	Black.	
-10	2148	NN	12 VFT w/ mastic	Grey w/ white spec.	

Analytical Method: PLM Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

1.	Signature	PC Title	9-12-05 Inclusive Dates
2.	M. Adams Signature	CS Title	9/12 0700 2175 SM DW Inclusive Dates
3.	Signature	Title	Inclusive Dates

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW

Date: 9- 09 -05

Location: MLK - LAND B. Hawkins

Project Number: 08607.05.003.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
-11	2148	00	BCM	BLUE.	
-12	2148	PP	~~2x4~~ / 12" ACT ~~Plaster Ceiling~~	PINHOLE FISSURED.	
-13	2149	F	PLASTER WALL	WHITE. ~~CORE~~	
-14	HALLWAY @ N.	N	WBJC ~~Base~~	CEILING.	
-15	@ M.D	↓	↓	↓	
-16	↓ @ SOUTH.	↓	↓	↓	
-17	HALLWAY	PP	2x4 / 12" ACT DROPPED	PINHOLE FISSURED	
-18	2134.	F	PLASTER WALL.		
-19	2129	00	BCM	BLUE -	
-20.	2133	MM	SINK UNDERCOATING	BLACK.	

Analytical Method: PLM Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

1.	Signature	PC Title	9-9-05 Inclusive Dates
2.	M. Adams Signature	CS Title	9-12-05 2:15 pm Inclusive Dates
3.	Signature	Title	Inclusive Dates

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW Date: 9-9-05

Location: MLK - Hawkins Project Number: 08607.05.003.78187

Collected By: G. Abercrombie CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area ID.	Material	Description	Quantity (SF/LF)
-21	Rm 200C	MN	12" VAT w/ mastic	GREY w/ WHITE SPEC.	
22	↓	OO	BCM	BLUE	
23		PP	2x4 ACT	PIN HOLE PISSMARED.	
24	↓	F	PLASTER	WALL.	
25	2004 A	GG.	VAT w/ mastic	GREY.	
26	205a C Entry	QQ	Carpet Glue	Brown	
27	Endot Rm Rm 207L	P	Wall Sealant	white	
28	205B Entry @ Broken Panel	RR	Drywall	white wall	
29	Plenum Hall @ 205B	SS	Plaster Spray in	Rough	
30	Plenum Hall D @ Rtc	SS	↓	↓	

Analytical Method: PLM Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – 3531 E. Miraloma Avenue Anaheim, CA 92806

CHAIN OF CUSTODY:

1.	Signature	PC Title	9-12-05 Inclusive Dates
2.	M. Adams Signature	CS Title	9/12/05 @ 2:15pm Inclusive Dates
3.	Signature	Title	Inclusive Dates

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW **Date:** 9- 12 -05

Location: MLK - Hawkins **Project Number:** 08607.05.003.78187

Collected By: G. Abercrombie **CAC or SST No:** 00-2861

Sample No.	Sample Location	Homo Area ID.	Material	Description	Quantity (SF/LF)
H -31	Hall A - plenum ctn	SS	Sprayed plaster	Rough	

Analytical Method: PLM **Turnaround Time:** Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

1.	Signature	PC Title	9-12-05 Inclusive Dates
2.	M. Adams Signature	CS Title	9-12-05 2:15pm Inclusive Dates
3.	Signature	Title	Inclusive Dates

Final Report

Forensic Analytical

Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Winzler & Kelly
J. Ambercrombie
3531 E. Miraloma Avenue

Anaheim, CA 92806

Client ID: 6096
Report Number: B076886
Date Received: 09/12/05
Date Analyzed: 09/13/05
Date Printed: 09/14/05
First Reported: 09/14/05

Job ID/Site: 08607.05.003.78187 - MLK - Hawkins

Date(s) Collected: 09/08/2005

FASI Job ID: 6096-387
Total Samples Submitted: 31
Total Samples Analyzed: 29

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
H-1	50283507						
Layer: White Woven Material with Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (95 %)							
H-2	50283508						
Layer: Light Purple Tile			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-3	50283509						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Beige Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-4	50283510						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
H-5	50283511						
Layer: Beige Drywall			**ND**				
Layer: White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Fibrous Glass (10 %)							
H-6	50283512						
Layer: Brown Tile		Chrysotile	**Trace**				
Layer: Black Mastic		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							

Forensic Analytical

Report Number: B076886
Client Name: Winzler & Kelly **Date Printed:** 09/14/05

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
I-7	50283513						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (75 %) Fibrous Glass (5 %)							
H-8	50283514						
Comment: Sample not analyzed due to prior positive result in series.							
I-9	50283515						
Layer: Black Non-Fibrous Material		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		**Asbestos (3%)**					
H-10	50283516						
Layer: Grey Tile			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-11	50283517						
Layer: Blue Non-Fibrous Material			ND				
Layer: White Mastic			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-12	50283518						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
H-13	50283519						
Layer: Beige Plaster			ND				
Layer: Paint			ND				
Layer: Beige Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-14	50283520						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Fibrous Glass (10 %)							

Forensic Analytical

Report Number: B076886
Client Name: Winzler & Kelly **Date Printed:** 09/14/05

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
H-15	50283521						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (Trace)							
H-16	50283522						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)							
H-17	50283523						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
H-18	50283524						
Layer: White Plaster			ND				
Layer: Paint			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
H-19	50283525						
Layer: Blue Non-Fibrous Material			ND				
Layer: Beige Mastic			ND				
Layer: White and Beige Skimcoat/Joint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
H-20	50283526						
Comment: Sample not analyzed due to prior positive result in series.							
H-21	50283527						
Layer: Grey Tile			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
H-22	50283528						
Layer: Blue Non-Fibrous Material			ND				
Layer: White Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Forensic Analytical

Report Number: B076886
Client Name: Winzler & Kelly **Date Printed:** 09/14/05

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
H-23	50283529						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
H-24	50283530						
Layer: Tan Plaster			**ND**				
Layer: Beige Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-25	50283531						
Layer: Beige Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**3 %**				
Total Composite Values of Fibrous Components:		**Asbestos (2%)**					
Cellulose (Trace)							
H-26	50283532						
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-27	50283533						
Layer: Yellow Fibrous Material			**ND**				
Layer: White Coating		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components:		**Asbestos (2%)**					
Cellulose (Trace) Fibrous Glass (20 %)							
H-28	50283534						
Layer: Beige Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (50 %)							
H-29	50283535						
Layer: Tan Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-30	50283536						
Layer: Tan Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-31	50283537						
Layer: Tan Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							

Forensic Analytical

Report Number: B076886
Date Printed: 09/14/05

lient Name: Winzler & Kelly

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer

Steven Takahashi, Laboratory Supervisor, Rancho Dominguez Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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WINZLER & KELLY CONSULTING ENGINEERS

HAZARDOUS MATERIALS SURVEY

For

MARTIN LUTHER KING/DREW MEDICAL CENTER
HAWKINS BUILDING
FLOORS 1 and 3 RENOVATION
12021 South Wilmington Avenue
Los Angeles, California 90059

Prepared For:

DMJM/H+N
515 South Flower Street, Floor 9
Los Angeles, CA 90071

Prepared By:

WINZLER & KELLY CONSULTING ENGINEERS
3531 East Miraloma Avenue
Anaheim, CA 92806

W&K Project #08607.05.004.78187

October 26, 2005

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SECTION 1

EXECUTIVE SUMMARY

SECTION 1 - EXECUTIVE SUMMARY

I - Introduction

Winzler & Kelly Consulting Engineers (W&K) performed a limited hazardous materials survey of the Martin Luther King/Drew Medical Center - Hawkins Building located at 12021 South Wilmington Avenue in Los Angeles, California. Areas to be surveyed were identified by W&K based upon the floor plans provided by Los Angeles County Department of Public Works. A renovation of floors 1 and 3 has been proposed and the entirety of the floors may be impacted.

The survey was performed by Mr. Gavin Abercrombie., Mr. Edwin Velasco and Mr. Yvan Schmidt, employees of Winzler & Kelly Consulting Engineers. The survey was conducted October 7, 8, 9, 2005.

II – Purpose and Scope of Services

The survey was conducted to identify and sample presumed asbestos-containing materials (PACM), lead-containing surface coatings, and other hazardous materials covered by the Universal Waste Rule, in conjunction with the scope of work identified to Winzler & Kelly by the Los Angeles County Department of Public Works for the above-referenced project. The scope as identified to W&K will include improvements for the Floor 1 and Floor 3 Renovation, including mechanical and plumbing upgrades and reflective ceiling replacement in areas of mechanical and plumbing upgrades. There will also be fire/life safety upgrades throughout the floors.

Cal/OSHA-certified Site Surveillance Technician(s) working under the direction of an Asbestos Consultant employed by W&K then performed a survey of the facility involved in the proposed project scope of work, collected bulk samples of suspect ACMs as deemed necessary by the accredited inspector, and submitted the bulk samples to a NVLAP-accredited laboratory.

Cal/DHS-certified Lead Inspector/Assessor(s) employed by W&K performed a concurrent survey of the facilities involved in the proposed project scope of work, and collected XRF measurements of suspect coatings and/or materials as deemed necessary by the certified inspector/assessors.

Finally, a visual inspection was undertaken of "other" hazardous materials which are likely to be impacted by proposed seismic retrofit work, noting such things as fluorescent light fixture ballasts and tubes, mercury switches within thermostats, refrigerants, and the like.

III – Discussion of Historical Data

Considerable existing testing data was provided by the LACDPW to W&K for the Martin Luther King/Drew Medical Center. The following reports were provided to W&K for review prior to the commencement of the survey and sampling:

Martin Luther King, Jr./Drew Medical Center
URS Job No. 59-00104006.01
Limited Asbestos and Lead-Based Paint Investigation
for Hawkins Building
July 1, 2002

IV – Survey and Sampling Methodology

Every effort was made by Winzler & Kelly to access and visually assess materials in all rooms and areas. An employee of Martin Luther King/Drew Medical Center with a set of master keys for the facility was provided to help Winzler & Kelly gain access to all pertinent areas. Where rooms and areas were not accessible with the provided master keys, personnel were sought within that department to provide access. Although efforts were made on the part of Winzler & Kelly and personnel from Martin Luther King/Drew Medical Center to access all areas, some rooms and areas were still found to be inaccessible. The following rooms were found to be inaccessible during the survey: 1020, 1070, 1088, 1089, 1167, 3015, 3033, 3055A, 3055B, 3055C, 3055D, 3068, 3070, 30783082, 3083C, 3086, 3091, 3095C, 3095D, 3101, 3103, 3108, 3110.

Asbestos:

Suspect ACM and PACM visual identification was performed by entering representative areas and assessing all structural, architectural, and mechanical components which were anticipated to be impacted during the proposed seismic mitigation work. Each suspect asbestos-containing material (ACM) identified was bulk sampled in accordance with sampling guidelines established by the Environmental Protection Agency, 40 CFR 763.86, 29 CFR 1926.1101 and 8 CCR 1529. The following summarizes the sampling procedures utilized:

1. The location and total quantity of each ACM was tabulated.
2. These materials were then categorized into homogeneous materials. A homogeneous material is defined as being uniform in texture, color, and date of application.
3. A sampling scheme was developed based upon the location and quantity of the various homogeneous materials.
4. Bulk samples were collected by trained personnel using an appropriate sampling tool and a leak-tight container.
5. Decontamination of bulk sampling tools to prevent the spread of secondary contamination to subsequent bulk samples.
6. Each bulk sample was individually numbered and recorded on a Bulk Sample Log.
7. A Chain of Custody Record was maintained for the samples.

Lead:

W&K had previously (September of 2005) performed testing of representative potential lead containing materials on floor 2 of the Hawkins Buidling. Materials and coatings clearly or potentially to be impacted during the scope of work for this project, as described to W&K, had already been tested for lead content. The results of the testing performed in September of 2005 were utilized for this survey in conjunction with XRF testing performed in October of 2005.

Other Hazardous Materials:

The remainder of the investigation was a visual survey. Fluorescent lighting fixtures were noted, along with a count of ballasts and tubes, for quantification. Where feasible, a search was made of representative ballasts to see if they were marked "No PCBs". Similarly, thermostats and other equipment considered likely to employ mercury switches were opened to search for and quantify (if present) mercury switches, refrigeration equipment such as air-conditioning units or drinking fountains were inspected for factory tags listing the nature and amount of refrigerants, and other hazardous materials related to the Universal Waste Rule which are anticipated to be impacted by construction activities were noted.

V – Analytical Procedures

Asbestos:

The bulk samples collected for this survey were analyzed by AmeriSci of Los Angeles, California, while the previous samples collected in September of 2005 for the Floor 2 Survey were analyzed at Forensic Analytical of Los Angeles (FASI) of Los Angeles, California. AmeriSci and FASI are both accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), as administered by the National Institute of Standards and Technology (NIST), the California Environmental Laboratory Accreditation Program (Cal/ELAP), and are successful participants in the Proficiency Analytical Testing Program (PAT).

All bulk samples were analyzed by Polarized Light Microscopy (PLM) utilizing dispersion staining techniques in accordance with the EPA Method: "Method for the Determination of Asbestos in Bulk Building Materials U.S. EPA/600/R-93/116" dated July 1993, and adopted by the National Voluntary Laboratory Accreditation Program (NVLAP), NVLAP Test Method Code 18/A01, as affiliated with the National Institute for Standards and Technology (NIST). Each sample was subjected to two microscopy examinations.

The first examination was performed at 20X magnification using a stereo microscope equipped with an external illuminator. Each sample was examined for layering, homogeneity, and the presence of fibrous and non-fibrous materials. An estimate of the percentage for each sample component, relative to the entire sample volume, was made. When discrete strata are identified as a separate material, fibers are first identified and quantified by layer and then the results are combined to yield an estimate of total percent asbestos present.

The second examination was performed at 100X to 400X magnification using a Polarized Light Microscope equipped with two polarizing filters to observe specific optical characteristics. The use of polarized light allows the determination of refractive indices along specific crystallographic axes. Morphology and color were also observed. A retardation plate was placed at a 45 degree angle between the cross polars to determine the sign of elongation using orthoscopic illumination. Orientation of the two filters such that their vibration planes were perpendicular allowed observation of birefringence and extinction characteristics of anisotropic particles.

Lead:

Potential Lead-Containing Materials that may be impacted during the proposed renovation activities were identified via visual identification. The representative, suspect surface coatings were then measured on-site through the use of a NITON XLp 303A x-ray fluorescence (XRF) spectrum analyzer, in accordance with the requirements of the manufacturer's performance characteristics sheet (PCS) for this instrument.

For purposes of this survey, and in accordance with Title 8 of the California Code of Regulations, Section 1532.1 (8 CCR 1532.1), Title 17 of the California Code of Regulations, Section 35001 et. seq. and Chapter 11 of the Los Angeles Health & Safety Code, the XRF measurement data results were interpreted as follows:

1. Positive results (LBP present) were determined when analytical results revealed a lead concentration of 0.7 mg/cm^2 or greater.

2. Intermediate results (LCSC present; Cal/OSHA compliance required) were determined when analytical results revealed a lead concentration of less than 0.7 mg/cm^2, but greater than 0.09 mg/cm^2.

3. Negative results (lead containing materials not present) were determined when analytical results revealed a lead concentration of 0.09 mg/cm^2 or less.

VI – Discussion of Survey Results

A total of 70 bulk samples for asbestos were collected by Winzler & Kelly from the subject site between October 7 and October 9, 2005. In summary, it was determined that asbestos-containing materials are present in areas that would be directly impacted by the aforementioned activities. These materials include:

Hawkins Building

1. Sink Undercoat Mastic[1]
2. Pipe Sealant at Terminated Thermal System Lines[1, 2]
3. Mastic associated with Vinyl Floor Tile – Blue[1]
4. 12" Vinyl Floor Tile/Mastic – Tan/Brown Speckled[1]
5. Mastic associated with 12" Vinyl Floor Tile – Blue/White Speckled[1]
6. Mastic associated with 12" Vinyl Floor Tile – Brown Mottled Pattern[1]
7. 12" Vinyl Floor Tile/Mastic – Grey with Whitish Specks[1]
8. Mastic associated with 12" Vinyl Floor Tile – White with Blue & Green Specks[1, 3]
9. Mastic associated with 12" Vinyl Floor Tile – Light Muave[1]
10. 12" Vinyl Floor Tile/Mastic – White with Green & Yellow (Two Layers)[1]
11. Mastic associated with 12" Vinyl Floor Tile – Light Brown with Red Trim[1]
12. 12" Vinyl Floor Tile/Mastic – Light Green with Dark Green Specks (Two Layers)[1]
13. 12" Vinyl Floor Tile/Mastic – White with Green/Orange/Red Specks[1]
14. 12" Vinyl Floor Tile/Mastic – Tan with Specks[1, 2]
15. Fume Hoods with Asbestos Cement Panels[4]

Note 1 – This material was sampled by Winzler & Kelly and determined to contain detectable levels of asbestos.

Note 2 – This material was previously sampled by URS Corporation and determined to contain detectable levels of asbestos.

Note 3 – This material was found to contain concentrations of asbestos less than one percent.

Note 4 – This material was visually identified by Winzler & Kelly and presumed to contain asbestos.

The following suspect asbestos-containing materials were sampled and determined **NOT** to contain detectable levels of asbestos:

Hawkins Building

1. HVAC Canvas Wrap[1]
2. 12" Vinyl Floor Tile/Mastic – White/Red/Blue Speckled[1, 2]
3. Vinyl Sheet Flooring – Black & Green Streaks
4. Vinyl Sheet Flooring – Beige
5. 2'x4' Acoustic Ceiling Tiles – Smooth
6. Brown Basecove/Mastic
7. Vinyl Sheet Flooring – Tan with pebbles Pattern
8. Laboratory Countertops
9. Black Basecove/Mastic
10. HVAC Duct Sealant
11. 2'x4' Acoustic Ceiling Tiles – Pinhole Pattern
12. 2'x2' Acoustic Ceiling Tiles – Bird-track Pattern
13. Wallboard/Joint Compound Ceilings
14. Vinyl Sheet Flooring – Yellow Striped
15. 2'x4' Acoustic Ceiling Tiles – Fissured with Pinholes
16. 2'x4' Acoustic Ceiling Panels – Metal with Fiberglass – Pinhole Pattern
17. Vinyl Sheet Flooring – Blue Streaked
18. 12" Vinyl Floor Tile/Mastic – Blue with White Specks
19. Spray Applied Plaster
20. Smooth Plaster Walls/Soffits
21. Carpet Glue
22. 12" Vinyl Floor Tile/Mastic- White with Black Specks
23. Plaster and Mud Wall Patch
24. HVAC Wrap with Mastic
25. Light Brown Basecove/Mastic
26. 12" Vinyl Floor Tile/Mastic – Grey with White and Black Specks
27. Pink Basecove/Mastic
28. 12" Vinyl Floor Tile/Mastic – Pink with Beige Specks
29. 12" Vinyl Floor Tile/Mastic – Light Blue with White Specks
30. Dark Blue Basecove/Mastic
31. Burgundy Basecove/Mastic
32. 12" Vinyl Floor Tile/Mastic- Light Tan

Note 1 – These materials were sampled by Winzler & Kelly and determined not to contain detectable levels of asbestos.

Note 2 – These materials were previously sampled by URS Corporation and determined not to contain detectable levels of asbestos.

A summary of ACMs, including material locations and quantities, can be found in Appendix A. Individual PLM bulk sampling results from the laboratory (the report) can be found in Appendix C.

Lead-Containing Surface Coatings/Lead-Based Paints (LCSCs/LBPs)

A total of 201 XRF measurements (including calibration measurements) were collected from the **Martin Luther King/Drew Medical Center Hawkins Building**. These reading were utilized for this report.

The XRF measurement results for this survey indicated that the following building component and respective surface coatings had lead concentrations defining them as LBPs, in accordance with Title 17 of the California Code of Regulations, Section 35001 et. seq. and Chapter 11 of the Los Angeles Health & Safety Code:

Hawkins Building

The following materials were identified as having lead-based paint/coatings:

1. Ceramic Sinks
2. Ceramic Floor Basins
3. Ceramic Tubs
4. Laminated Counters/Cabinets – Red
5. Laminated Doors – Red
6. Metal Wall Cabinets – Orange
7. Ceramic Toilets
8. Metal Wall Cabinets – White (Orange Paint under White)
9. Ceramic Urinals
10. Laminated Doors – Orange
11. Lead Panels in Walls/Doors

The XRF measurement results for this survey indicated that the following building component and respective surface coatings had lead concentrations, in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1:

1. Ceramic Wall Tile – Black
2. Plaster Walls – Hall 101
3. Laminated Doors – Blue
4. Laminated Cabinets – Orange
5. Laminated Cabinets – Yellow
6. Laminated Doors – Green
7. Metal Cabinets – Brown
8. Laminated Doors – Brown

The following materials had lead concentrations below regulated levels (none detected by XRF):

1. Plaster Walls/Ceilings (Except Listed as LCSC)
2. Metal Doors Jambs
3. Wood Doors
4. Ceramic Wall Tile (Except Listed as LCSC)
5. Ceramic Floor Tile
6. Ceramic Baseboard Tiles
7. Metal Window Casings – Grey
8. Laminated Cabinets (Except Listed as LBP or LCSC)
9. Metal Lockers
10. Ceramic Spanish Floor Tile
11. Metal Cabinets (Except Listed as LBP or LCSC)

A table summarizing all XRF data collected during the course of this investigation can be found in Appendix B

Universal Waste Rule Materials:

In summary, four types of Universal Waste Rule materials were identified as being within the scope of work area. These included:

1. Batteries within Emergency Lighting Units (not expected to be impacted)
2. Fluorescent Light Tubes (contain mercury)
3. Ballasts a/w Fluorescent Lighting (may contain PCBs)
4. Radioactive Emergency Exit Signs (Tritium illumination tubes)

Additional discussion of Universal waste Rule items takes place in Section VII – Conclusions and Recommendations, below.

VII – Conclusions and Recommendations

The following three tables outline the regulated asbestos, lead, and Universal Waste Rule materials that will be impacted by the subject SB 1953 Seismic Retrofit Project, based upon the plans submitted to W&K by URS. Each indicates the nature and description of the hazardous materials in each category as well as the locations where the material was observed and the amount of each material that is expected to be impacted by the proposed project. Please note that the quantity to be impacted does not include materials deemed unlikely to be impacted by proposed construction activities as shown on the drawings or materials in areas where no project work is shown to take place, both of which were outside the scope of this project.

Table 1 **Hawkins Building Asbestos-Containing Materials** **1 of 3**

Material	Location	Estimated Quantity to be Impacted
12" Vinyl Floor Tile/Mastic – Tan with Specks	**First Floor** 1005, 1006, 1007, 1009, 1176, 1181, 1182, 1188, 1189, 1190, 1191, 1193, 1196, 1197	2,000 SF See Note 3
Sink Undercoat Mastic	**First Floor** 1082 **Third Floor** 3003A, 3004A, 3019, 3020A, 3020C, 3020D, 3020E, 3021, 3031	42 SF See Note 3
Pipe Sealant at Terminated Thermal System Lines	Throughout Plenum	See Note 2
Mastic associated with Vinyl Floor Tile – Blue	**Third Floor** 3096A, 3096B	160 SF See Note 3

Material	Location	Estimated Quantity to be Impacted
12" Vinyl Floor Tile/Mastic – Tan/Brown Speckled	**Third Floor** 3001, 3002, 3006, 3008, 3010, 3011, 3012, 3014, 3016, 3018, 3021, 3022, 3026, 3027, 3027A, 3029, 3031, 3046, 3051, 3060, 3061A, 3064, 3065, 3073, 3075, 3077, 3083A, 3084A, 3084B, 3084C, 3088A, 3088B, 3088C, 3088D, 3095E, 3096, 3097, 3107, 3106, Main Hallways **First Floor** 1002, 1019, 1034, 1039, 1051, 1052, 1056, 1056A, 1057, 1059, 1062, 1063, 1064, 1065, 1066, 1067, 1072, 1073, 1104, 1104A, 1107, 1109, 1082, 1083, 1113, 1116, 1122C, 1129, 1131, 1133, 1134, 1142, 1144, 1146, 1148, 1150, 1151, 1152, 1154, 1155, 1156, 1157, 1158, 1163, 1202, 1205, Corridor (Through Center of Structure)	38,200 SF See Note 3
Mastic associated with 12" Vinyl Floor Tile – Blue/White Speckled	**Third Floor** 3092, 3092A, 3092C, 3092D, 3096	2,900 SF See Note 3
Mastic associated with 12" Vinyl Floor Tile – Brown Mottled Pattern	**First Floor** 1161 **Third Floor** 3095	1,050 SF See Note 3
12" Vinyl Floor Tile/Mastic – Grey with Whitish Specks	**Third Floor** 3043, 3064A, 3062	700 SF See Note 3
Mastic associated with 12" Vinyl Floor Tile – White with Blue & Green Specks	**Third Floor** 3063, 3061	800 SF See Notes 1, 3
Mastic associated with 12" Vinyl Floor Tile – Light Muave	**Third Floor** 3040, 3042, 3045, 3079, 3084D, 3069 **First Floor** 1027, Corridors (Through North West of Structure)	6,200 SF See Note 3
12" Vinyl Floor Tile/Mastic – White with Green & Yellow (Two Layers)	**First Floor** 1039, 1086, 1087, 1095	2,100 SF See Note 3
Mastic associated with 12" Vinyl Floor Tile – Light Brown with Red Trim	**First Floor** 1032, 1032B, 1165	1,300 SF See Note 3
12" Vinyl Floor Tile/Mastic – Light Green with Dark Green Specks (Two Layers)	**First Floor** 1016, 1137, 1177, 1177A, 1185, 1186, 1186A, 1187, 1200, Corridors (Through South West of Structure)	1,000 SF See Note 3

Material	Location	Estimated Quantity to be Impacted
12" Vinyl Floor Tile/Mastic – White with Green/Orange/Red Specks	**First Floor** 1008, 1010A, 1011, 1012, 1013, 1014, 1015, 1016, 1137, 1177, 1177A, 1185, 1186, 1186A, 1187, 1200, Corridors (Through South West of Structure)	6,000 SF See Note 3
Fume Hoods with Asbestos Cement Panels	**Third Floor** 3025, 3041, 3055, 3095, 3069, 3096	200 SF See Note 3

Table 2 **Hawkins Building Lead-Containing Materials** **2 of 3**

Material	Location	Estimated Quantity to be Impacted
Lead-Based Paint Ceramic Sinks	Throughout All Restrooms	65 Sinks See Note 3
Lead-Based Paint Ceramic Urinals	Throughout All Men's Restrooms	10 See Note 3
Lead-Based Paint Ceramic Floor Basins	**First Floor** 1090, 1111, 1144, 1199, 1201 **Third Floor** 3016, 3044, 3095, 3100, 3123	10 See Note 3
Lead-Based Paint Ceramic Tubs	**First Floor** 1178	1 See Note 3
Lead-Based Paint Laminated Counters/Cabinets – Red	**First Floor** 1082	80 SF See Note 3
Lead-Based Paint Laminated Doors – Red	**First Floor** 1038, 1040, 1044, 1046, 1048, 1168, 1170, 1173, Main Corridors **Third Floor** 3001, 3002, 3004, 3009, Main Corridors	16 Assemblies
Lead-Based Paint Metal Wall Cabinets – Orange	**Third Floor** 3004, 3024, 3057, 3069, 3077	1,200 SF See Note 3
Lead-Based Paint Ceramic Toilets	Throughout Restrooms	61 See Note 3

Material	Location	Estimated Quantity to be Impacted
Lead-Based Paint Metal Wall Cabinets – White (Orange Paint under White Paint)	**Third Floor** 3057	200 SF See Note 3
Lead-Based Paint Laminated Doors – Orange	**First Floor** Main Corridors	4 Assemblies See Note 3
Lead-Based Paint Lead Panels in Walls/Doors	**Third Floor** 3098, 3101, 3101, 3102	500 SF See Note 3
Lead-Containing Surface Coatings Ceramic Wall Tile – Black	**First Floor** Men's Restroom (Next to Room 1128), Men's Restroom (Next to Room 1106), Men's Restroom (Next to Room 1128), Men's Restroom (Next to Room 1055), Men's Restroom (Next to Room 1120), Men's Restroom (Next to Room 1050) **Third Floor** 3060A, 3060B	4,000 SF See Note 3
Lead-Containing Surface Coatings Plaster Walls	**First Floor** Corridors (Through South West of Structure)	40 SF See Note 3
Lead-Containing Surface Coatings Laminated Doors – Blue	**First Floor** 1021, 1023, 1025, 1027, 1029, 1030, 1085A	9 See Note 3
Lead-Containing Surface Coatings Laminated Cabinets – Orange	**First Floor** Men's Restroom (Next to Room 3108)	130 SF See Note 3
Lead-Containing Surface Coatings Laminated Cabinets – Yellow	**First Floor** 3113, 3115	170 SF See Note 3

Material	Location	Estimated Quantity to be Impacted
Lead-Containing Surface Coatings Laminated Doors – Green	**First Floor** 1026, 1028, 1032A, 1032B, 1033, 1034, 1035, 1041, 1043, 1045, 1124, 1126, 1128, 1130, 1135, 1136, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1150, 1151, 1152, 1154, 1155 **Third Floor** 3034, 3035, 3036, 3036A, 3037, 3037A, 3038, 3040, 3040A, 3042, 3042A, 3044, 3045, 3046, 3047, 3048, 3049, 3112, 3114, 3115, 3116, 3118, 3120, 3121, 3122, 3125	69 See Note 3
Lead-Containing Surface Coatings Metal Cabinets – Brown	**Third Floor** 3026	140 SF See Note 3
Lead-Containing Surface Coatings Laminated Doors – Brown	**Third Floor** 3059	2 See Note 3

Table 3 **Hawkins Building Universal Waste Rule Materials** **3 of 3**

Material	Location	Estimated Quantity to be Impacted
Emergency Lighting	Exit Paths	128 Units See Note 3
Light Fixture Ballasts	Throughout Floors 1 and 2	2,671 Ballasts See Note 3
Fluorescent Tubes	Throughout Floors 1 and 2	5,342 Tubes See Note 3
Emergency Exit Signs with Radioactive Elements	**Third Floor** 3003, 3004, 3007B, 3009, 3017, 3020, 3025, 3033, 3055, 3057, 3069, 3071, 3079, 3084, 3088, 3092, 3095, 3096, Main Hallways	20 Units See Note 3

Material	Location	Estimated Quantity to be Impacted
Fungal Growth/Mold Issue	**First Floor** 1061 **Third Floor** 3032	579 Ballasts See Note 3

Notes to Tables:

Note 1 – This material was found to contain concentrations of asbestos at less than one percent.

Note 2 – It is recommended that terminated pipe ends with this coating not be disturbed. Any mounting of brackets or reinforcement should be performed at least 3 feet from the material.

Note 3 – The amount listed is the total estimated quantity based on the areas that were accessible during the survey and does not reflect the actual scope of work, as no working drawings of the intended scope of work for the first and third floors was provided at the time of the survey. Contractor to verify actual quantities impacted by the scope of work, prior to commencement of work.

The results of the survey indicate that asbestos is present in areas that may be directly impacted by the impending renovation for Floors 1 and 3 of the subject site. A list of asbestos-containing materials can be found in Section VI of this report (above).

At no time should any identified or assumed asbestos-containing materials be drilled, cut, sanded, scraped or otherwise disturbed. These materials should be removed prior to any demolition / renovation activities which will impact these materials. In the event that any new materials not identified as being tested are uncovered, work that would impact such materials should cease until such time as these materials can be properly tested for asbestos content.

All asbestos disturbance and/or removal operations should be conducted by a Cal/OSHA registered and State licensed asbestos removal contractor. All disturbance and/or abatement operations should be under the direction of a California Certified Asbestos Consultant.

The results of the survey indicate that LBP and LCSC are present in areas that may be directly impacted by the impending renovations. These materials are identified in Section VI of this report.

At present there are no state or federal laws dealing with mandatory abatement following the identification of lead-containing surface coatings prior to disturbance. However, in 1993 the Occupational Safety and Health Administration promulgated legislation (29 CFR 1926.62 and 8 CCR 1532.1) entitled "Lead Exposure in the Construction Industry" which deals with worker exposure to lead.

This legislation requires that any job which may potentially expose workers to any concentration of lead be monitored to determine workers eight-hour time weighted average (TWA) exposure to lead. Prior to conducting activities which may generate a lead exposure, such workers must be properly fitted with respiratory protection and protective clothing until personal eight-hour TWA results reveal exposures within acceptable levels.

All activities involving potential and identified LCSC's should be conducted in accordance with Title 8, California Code of Regulations, Section 1532.1 and 29 CFR 1926.62. In addition, all activities involving identified LBP must be conducted in accordance with Title 17, California Code of Regulations, Division 1, Chapter 8, Sections 35001 through 36100, which prescribes the use of DHS-certified workers, work practices, and other requirements.

Any welding, cutting or heating of metal surfaces containing surface coatings should be conducted in accordance with 8 CCR 1537 and 29 CFR 1926.354. These regulations require surfaces covered with toxic preservatives, and in enclosed areas, be stripped of all toxic coatings for a distance of at least 4 inches, in all directions, from the area of heat application prior to the initiation of such heat application.

The results of the survey indicate that materials subject to the Universal Waste Rule, including NiCd batteries, fluorescent light tubes, and ballasts associated with fluorescent lighting fixtures, are present in areas that may be directly impacted by the impending renovations. These materials are identified in Section VI of this report.

Waste characterization and disposal of all lead-containing and other hazardous materials must be conducted in accordance with the requirements of Title 22 of the California Code of Regulations, Sections 66243, et seq., and Sections 25157.8, et al, of the California Health and Safety Code.

Should materials similar to those identified in this report or, other forms of suspect hazardous materials be present, maintenance personnel/contractors should be instructed to immediately cease work activities which may initiate a fiber release episode, and notify the appropriate management personnel.

Notification to employees and contractors working within the building should be made in accordance with the California Health and Safety Code, Section 25915 et.seq. and Proposition 65.

VIII – Confidentiality and Limitations

Winzler & Kelly Consulting Engineers performed this survey in accordance with the terms and conditions set forth in the applicable Agreement between Winzler & Kelly Consulting Engineers and Los Angeles County Department of Public Works.

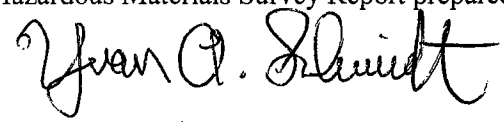
All field investigation and bulk sampling was performed to provide information satisfactory for the completion of the scope of work identified by the drawings for the subject-related Floor 3 O/R Renovation and Utility Infrastructure Upgrades at Martin Luther King/Drew Medical Center.

Please note that the survey conducted was not completely intrusive and did not include access and/or sampling of areas such as enclosed pipe chases or wall voids, which would have required demolition to access. Every effort was made to access such voids where possible without causing damage to the facility, such as at access panels and where damage already existed at the time of the survey.

This product is intended for use by the Los Angeles County Department of Public Works as it pertains to the scope of work identified above. Winzler & Kelly Consulting Engineers makes no warranties as to the findings of this report as it pertains to areas not specifically identified on the drawings received and reviewed, changes in scope that this office has not been made aware of in writing, or projects other than the project mentioned in this report.

IX – Signature Block

Hazardous Materials Survey Report prepared for the Company by:



Yvan A. Schmidt
Project Manager
CAC Certification No. 05-3791
DHS Certification No. 2975 I/M/D

SECTION 2

LIST OF ACRONYMS and DEFINITIONS

SECTION 2 – DEFINITIONS and ACRONYMS

Abatement – Procedures to control fiber release from asbestos-containing materials or asbestos-containing construction materials and procedures to reduce the hazard of LCM, soil and dust. Includes removal, encapsulation, enclosures, repair, demolition, and renovation activities.

AHERA - Asbestos Hazard Emergency Response Act, 40 CFR, Part 763, Subpart E, and subsequent amendments.

Air Filtration and Ventilation System - A portable exhaust system equipped with HEPA filtration and capable of maintaining a constant air flow into a regulated work area from adjacent areas and exhausted outside the regulated work area.

Amended Water - Water to which a surfactant (wetting agent) has been added.

ANSI - American National Standards Institute

Asbestos - the asbestoform varieties of chrysotile (Serpentine); crocidolite (Riebecktite); amosite (cummingtonitegrunerite); anthophyllite; tremolite; and actinolite.

Asbestos-Containing Construction Material (ACCM) – means any manufactured construction material which contains more than one tenth of one percent (0.1%) asbestos by weight.

Asbestos-Containing Material (ACM) – means any material containing more than one-percent (1%) asbestos.

Asbestos-Containing Waste (Non-hazardous) – Non-friable asbestos-containing material including, but not limited to, floor covering, roofing materials and cementitious materials requiring disposal.

Asbestos-Containing Waste (Hazardous) – Friable asbestos-containing materials and asbestos contaminated objects and debris requiring disposal.

Asbestos/Lead Project Manager - An individual qualified by virtue of experience, education, and training designated as the District's representative and responsible for overseeing the asbestos and/or lead abatement and Operations and Maintenance projects.

ASTM - American Society for Testing and Materials

Authorized Representative(s) - The person or persons designated by name and/or title who has/have the authority to decide, direct, approve, or disapprove a matter during the course of this contract.

Authorized Visitor - A qualified Owner representative and any representative of a regulatory or other agency having jurisdiction over the project.

Bulk Paint Chip Samples - Are samples of coatings on buildings or other materials that are collected for the purpose of analysis to determine if lead is present and if so to what extent.

Bulk Samples - Are samples of building or other materials that are collected for the purpose of analysis to determine if asbestos is present and if so to what extent.

Certified Consultant (Asbestos) - Has the same meaning as defined in the California Code of Regulations Title 8, as it relates to, "Certified Asbestos Consultant."

Certified Consultant (Lead) - Has the same meaning as defined in the California Code of Regulations Title 17, as it relates to, Certified Lead Inspector/Assessor, Certified Lead Project Monitor or Certified Lead Project Designer.

Clean Room - An uncontaminated area or room which is a part of the worker decontamination enclosure system with provisions for storage of worker's street clothes and clean protective equipment.

Competent Person (Asbestos) – Has the same meaning as defined in the California Code of Regulations Title 8, as it relates to, "Competent Person."

Competent Person (Lead) – Has the same meaning as defined in the California Code of Regulations Title 8, Section 1532.1 as it relates to, "Competent Person."

Contractor - The individual and/or legal entity and employees of the Contractor awarded the contract or under subcontract to a general contractor. Contractor is responsible for the proper completion of project activities in accordance with these contract specifications even when working as a subcontractor.

Curtained Doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs are permissible.

Decontamination – The process of eliminating asbestos contamination from building surfaces and objects by using cloths, mops, or other utensils that have been dampened with water and afterwards disposed of as asbestos and/or lead contaminated waste.

Decontamination Enclosure System – means an enclosed area adjacent and connected to the regulated area and consisting of an equipment room, shower room, and clean room, which is used for the decontamination of workers, materials, and equipment that are contaminated with asbestos and/or lead.

Demolition - The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.

DHS – Department of Health Services

DOSH - Division of Occupational Safety & Health or Cal/OSHA

DOT – Department of Transportation

DTSC – Department of Toxic Substances Control

Encapsulating Material (Asbestos) - A liquid material which can be applied to asbestos-containing materials which controls the possible release of asbestos fibers from the material either by creating a membrane over the surface (bridging agent) or by penetrating into the material and binding its components together (penetrating encapsulating material).

Encapsulating Material (Lead) - A liquid material which can be applied which controls the possible chalking or flaking LCM by creating a membrane over the surface.

Encapsulation (Asbestos) - The application of an encapsulating material to asbestos containing materials to prevent the release of asbestos fibers into the air.

Encapsulation (Lead) - The application of an encapsulating material to LCM to prevent or control chalking or flaking LCM from becoming part of dust or accessible to children.

Enclosure - The construction or application of an airtight, impermeable, permanent barrier around asbestos-containing material and/or lead containing material to control the release of asbestos fibers into the air.

Environmental Consultant - Refers to the firm, company, or corporation designated to manage the environmental testing and abatement oversight, as well as its employees, subcontractors, contracted laboratories, in-house laboratory, employees of subcontractors, and employees of contracted laboratories.

Equipment Decontamination Enclosure System - That portion of a decontamination enclosure system designed for controlled transfer of materials and equipment into or out of the regulated work area.

Equipment Room - A room within the worker decontamination enclosure system with provisions for storage of used clothing and equipment.

Facility Component – Means any part of a facility, including equipment.

Fixed Object - A piece of equipment or furniture in the work area which cannot be removed from the work area.

Friable Asbestos - Asbestos containing material which, when dry, can be crumbled, pulverized or reduced to a powder using hand pressure or as defined by current regulatory rules and/or regulations.

Glove Bag Technique - A method with limited applications for removing small amounts of asbestos containing material from short piping runs, valves, joints, elbows, and other non-planar surfaces in a work area. The glove bag assembly is a manufactured or fabricated device consisting of a glove bag (typically constructed of 6 mil transparent polyethylene or polyvinylchloride plastic), two inward projecting long sleeves gloves, an internal tool pouch, and labeled for asbestos waste. The glove bag is constructed and installed in such a manner that it surrounds the object or material to be removed and contains all asbestos fibers released during the process. All workers who are permitted to use the glove bag technique shall be thoroughly trained, experienced, and skilled in this method.

"Guidance Documents" shall include, but not be limited to:

- The U.S. Department of Housing and Urban Development (HUD) *Guidelines For the Evaluation and Control of Lead-Based Paint Hazards in Housing*, June 1995 (HUD Guidelines)

- The National Institute of Building Sciences (NIBS) *Lead-Based Paint-Operations & Maintenance Work Practices Manual For Homes and Buildings* (NIBS Guidelines)

- NIBS *Guide Specifications for Reducing Lead-Based Paint Hazards* (NIBS Specifications)

Hazardous Waste (Asbestos) - As it relates to asbestos means friable asbestos generated and prepared for waste disposal. This does not include non-friable materials or materials containing less than one-percent or less asbestos as determined by point counting.

Hazardous Waste (Lead) As it relates to lead means concentrations of lead generated and prepared for waste disposal that exceed the requirements of the TTLC, STLC or TCLP analytical requirements.

HEPA Filter - A High Efficiency Particulate Air refers to a filtering system capable of trapping and retaining at least 99.97% of all monodispersed particles 0.3 microns in diameter or larger. For respirators this shall include NIOSH rated P-100 cartridges only.

HEPA Vacuum - A vacuum system equipped with HEPA filtration.

High Volume Vacuum - means a vacuum system with the capacity to collect material through a four (4) inch diameter hose a distance of 150 feet at a minimum. This system shall be equipped with HEPA filter(s) at the air exhaust port and water applicators within the hopper. The water applicators shall be in working order, providing water to sufficiently wet the volume of material entering the hopper at all times.

Holding Area - A chamber in the equipment decontamination enclosure located between the washroom and an uncontaminated area. The holding area comprises an airlock.

HVAC - Heating, Ventilation, and Air Conditioning System.

Lead (inorganic) – is an element which means that its atomic structure is permanently arranged and is not changed by chemical reactions. Lead can combine chemically with other atoms or molecules to make new compounds. Lead is a heavy metal, because when it is refined from raw ore into its pure form, lead can be hammered or drawn into shapes.

Lead-Based Paint (LBP) – as defined in 17 CCR 35033 means paint or other surface coatings that contain an amount of lead equal to or in excess of one milligram per square centimeter (1.0 mg/cm^2) or more than half of one percent (0.5%) by weight. For work within Los Angeles County, the standard to be utilized is seven-tenths of one milligram per square centimeter (0.7 mg/cm^2).

Lead-Containing Surface Coating (LCSC) – means paint or other surface coating(s) that contain a detectable amount of lead at concentrations less than the definition of a lead-based paint.

Lead-Contaminated Dust - as defined in 17 CCR 35035 means dust that contains an amount of lead equal to or in excess of 50 ug/ft^2 for interior floor surfaces, 250 ug/ft^2 for interior horizontal window surfaces and 800 ug/ft^2 for exterior floor and exterior horizontal surfaces.

Lead-Contaminated Soil - as defined in 17 CCR 35036 means bare soil that contains an amount of lead equal to or in excess or 400 parts per million (ppm) in children's play areas and 1,000 ppm in all other areas.

Lockdown Coat - A material applied to surfaces where asbestos has been completely removed. The manufacturer shall determine the concentration of this material.

Member – In structural engineering, a component part of a structure complete in itself.

Movable Object - A piece of equipment or furniture in the work area which can be removed from the work area.

NESHAP - National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)

NIOSH - National Institute for Occupational Safety and Health

Outside Air - Air outside of buildings and structures.

PACM – means thermal system insulation and surfacing material found in buildings constructed no later than 1980.

PCM - Phase Contrast Microscopy as it relates to clearance air, personal protection assessment, and ambient air monitoring. This procedure must follow the NIOSH Method 7400, Asbestos Fibers by PCM.

PLM - Polarized Light Microscopy used for bulk sample analysis with dispersion staining for the determination and quantifying of asbestos in bulk samples building materials.

Regulated Area - Designated rooms, spaces, or areas of the project in which asbestos abatement actions are to be undertaken or which may become contaminated as a result of such abatement actions. A contained work area is a work area which has been sealed, and equipped with a decontamination enclosure system. A non-contained work area is an isolated or controlled access work area which has not been plasticized nor equipped with a decontamination enclosure system.

"Regulations" shall include, but not be limited to:

- U.S. Environmental Protection Agency Regulations for Asbestos (Title 40, Code of Federal Regulations, Part 61, Subparts A & B, and Part 763, Subpart E.)
- Title 8, Article 4, California Code of Regulations Construction Industry Safety Orders, Section 1529 "Asbestos" or current revised California regulations.
- South Coast Air Quality Management District (SCAQMD) Rule 1403.
- 29 CFR Part 1926 Construction Industry Lead Standard (1926.62)
- 29 CFR Part 1910 OSHA General Industry Standards
- 40 CFR Parts 260-263, and Part 745
- 24 CFR Part 35
- Title 8 California Code of Regulations, Section 1532.1

- Title 17, California Code of Regulations, Division 1, Chapter 8
- Title 22, California Code of Regulations
- Section 25157.8 of the California Health & Safety Code

Removal – Means all operations where all ACM, PACM, LBP and/or LCSC is taken out or stripped from structures or substrates, and includes demolition operations.

Renovation – Means the modifying of any existing structure, or portion thereof.

SCAQMD – South Coast Air Quality Management District

Shower Room - A room between the clean room and the equipment room in the worker decontamination enclosure with hot and cold running water controllable at the tap and suitably arranged for complete showering during decontamination.

Soluble Threshold Limit Concentration (STLC) – Test performed to determine whether a waste stream is defined as hazardous. For lead, this is 5.0 mg/l.

Staging Area - Either the holding area or some area near the waste transfer airlock where containerized asbestos waste has been placed prior to removal from the work area.

Surfactant - A chemical wetting agent added to water.

TEM - Transmission Electron Microscopy as defined for asbestos clearance air monitoring within AHERA. This procedure must follow the NIOSH Method 7402, Asbestos Fibers by TEM.

Total Threshold Limit Concentration (TTLC) - Test performed to determine whether a waste stream is defined as hazardous. For lead, this is 1,000 ppm.

Toxicity Characteristic Leaching Procedure (TCLP) - Test performed to determine whether a waste stream is defined as hazardous. For lead, this is 5.0 mg/l.

TSI - Thermal System Insulation as defined in AHERA.

USEPA or EPA – United States Environmental Protection Agency

Visible Emissions - Any emissions from a known or suspected asbestos material that can be seen with the human eye.

Waste Transfer Airlock - A decontamination system utilized for transferring containerized waste from inside to outside of the work area.

XRF – Instrument utilized to detect lead in surface coatings through non-destructive, direct-reading measurements. Devices commonly use a radioactive source and all operators must be trained and companies licensed with the California Radioloigic Health Branch to possess and operate these devices. Results are presented in mg/cm^2.

ACRONYMS:

ACM	Asbestos-Containing Material
AES	atomic emission spectroscopy
ALC	apparent lead concentration
BLL	blood lead level
CFR	Code of Federal Regulations
CLC	corrected lead concentration
CPSC	Consumer Product Safety Commission
cm	centimeter
DOD	Department of Defense
EPA	Environmental Protection Agency
HUD	U.S. Department of Housing and Urban Development
ICP	inductively coupled argon plasma
keV	kilo-electron volt
LBP	lead-based paint
LBPPPA	Lead Based Paint Poisoning Prevention Act
LCD	Liquid Crystal Display
LCSC	Lead-Containing Surface Coating
LCM	Lead-Containing Material
ug/cm^3	micrograms per cubic centimeter
ug/dl	micrograms per deciliter
ug/ft^2	micrograms per square foot
mg/cm^2	milligrams per square centimeter
mg/m^2	milligrams per square meter
mm	millimeter
PCS	Performance Characteristics Sheet
PACM	Presumed Asbestos-Containing Material
P.L.	Public Law
PHA	Public Housing Authority
ppm	parts per million
QC	quality control
Ss	source second
SEL	substrate effect level
U.S.C.	United States Code
XRF	x-ray fluorescence

APPENDIX A

ACM SAMPLE RESULTS TABLES

APPENDIX A – ACM SAMPLE RESULT TABLE

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-1	HVAC Duct Sealant - Canvas Wrap	Women's Restroom 200	N/A	NAD
H-2	12" VFT/Mastic – White/red/Blue Speckled	Hall 2 at 2163 Entry	N/A	Tile – NAD Mastic – NAD
H-3	Basecove/Mastic - Grey	Hall 2 "A" at 2167 Entry	N/A	Basecove – NAD Mastic – NAD
H-4	2'x4' Acoustic Ceiling Tile – Pinhole Pattern	Room 2166 Center	N/A	NAD
H-5	Plaster Wall - Smooth	Room 2161 at Entry	N/A	Plaster – NAD Skimcoat/Joint Compound – NAD Paint - NAD
H-6	*12" VFT/Mastic – Brown with Yellow Streaks*	*Room 2173-A at Entry*	*N/A*	*Tile – Trace Chrysotile* *Mastic – 5% Chrysotile*
H-7	2'x4' Acoustic Ceiling Tile – Fissured Pattern	Room 2171 Center	N/A	NAD
H-8	*12" VFT/Mastic – Brown with Yellow Streaks*	*Room 2173-D*	*N/A*	*Sample Not Analyzed Positive Stop*
H-9	*Sink Undercoat*	*Room 2175*	*N/A*	*3% Chrysotile*
H-10	12" VFT/Mastic – Grey with White Specks	Room 2148	N/A	Tile – NAD Mastic – NAD

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-11	Basecove/Mastic – Blue	Room 2148	N/A	Skimcoat/Joint Compound - NAD Basecove – NAD Mastic - NAD
H-12	2'x4' Acoustic Ceiling Tile – 12" Pinhole/Fissured Pattern	Room 2148	N/A	NAD
H-13	Plaster Wall	Room 2148	N/A	Plaster – NAD Paint – NAD Skimcoat/Joint Compound - NAD
H-14	Wallboard/Joint Compound Ceiling	Main Hallway – North End	N/A	Wallboard – NAD Joint Compound – NAD Paint - NAD
H-15	Wallboard/Joint Compound Ceiling	Main Hallway – Middle	N/A	Wallboard – NAD Joint Compound – NAD
H-16	Wallboard/Joint Compound Ceiling	Main Hallway – South	N/A	Wallboard – NAD Joint Compound – NAD
H-17	2'x4' Acoustic Ceiling Tile – 12" Pinhole/Fissured Pattern	Main Hallway	N/A	NAD
H-18	Plaster Wall	Room 2134	N/A	Plaster – NAD Paint – NAD Skimcoat/Joint Compound - NAD
H-19	Basecove/Mastic – Blue	Room 2148	N/A	Skimcoat/Joint Compound - NAD Basecove – NAD Mastic - NAD
H-20	*Sink Undercoat*	*Room 2175*	*N/A*	*Sample Not Analyzed Positive Stop*

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-21	12" VFT/Mastic – Grey with White Specks	Room 2006	N/A	Tile – NAD Mastic – NAD
H-22	Basecove/Mastic – Blue	Room 2006	N/A	Blue – NAD Mastic – NAD
H-23	2'x4' Acoustic Ceiling Tile-Pinhole/Fissured Pattern	Room 2006	N/A	NAD
H-24	Plaster Wall	Room 2006	N/A	Plaster Wall (Layer 1) – NAD Plaster Wall (Layer 2) - NAD
H-25	*12" Vinyl Floor Tile/Mastic - Grey*	*Room 2004-A*	*N/A*	*Tile- 2% Chrysotile* *Mastic- 3% Chrysotile*
H-26	Carpet Glue – Brown	Room 2059	N/A	NAD
H-27	*Thermal System Insulation – Pipe Wrap Sealant*	*End of Pipe Run – Room 2071*	*N/A*	*Insulation- NAD* *Coating – 2% Chrysotile*
H-28	Fire Door Insulation	Room 2038 Entry – Broken Panel	N/A	NAD
H-29	Spray in Plaster - Rough	Plenum – Hall – East of 2038	N/A	NAD
H-30	Spray in Plaster - Rough	Plenum – Hall D at Kitchen	N/A	NAD

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-31	Spray in Plaster - Rough	Plenum – Hall A Center	N/A	NAD
H-32	Vinyl Sheet Flooring – Black with Green Streaks	Room 3112	N/A	NAD
H-33	Vinyl Sheet Flooring – Black with Green Streaks	Room 3113	N/A	NAD
H-34	Vinyl Sheet Flooring – Black with Green Streaks	Room 3119	N/A	NAD
H-35	Vinyl Sheet Flooring – Beige	Room 3119	N/A	NAD
H-36	Vinyl Sheet Flooring – Beige	Room 3119	N/A	NAD
H-37	Vinyl Sheet Flooring – Beige	Room 3109	N/A	NAD
H-38	2'x4' Acoustic Ceiling Tile – Smooth	Room 3131	N/A	NAD
H-39	6" Basecove/Mastic - Brown	Room 3113	N/A	NAD
H-40	6" Basecove/Mastic - Brown	Room 3113	N/A	NAD

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-41	6" Basecove/Mastic - Brown	Room 3121	N/A	NAD
H-42	Vinyl Sheet Flooring – Tan with Pebbles Pattern	Room 3121	N/A	NAD
H-43	*12" Vinyl Floor Tile/Mastic – Blue*	*Room 3096B*	*160 SF*	*Tile – NAD Mastic – 4% Chrysotile*
H-44	Lab Counter Top	Room 3096B	N/A	NAD
H-45	*12" Vinyl Floor Tile/Mastic-Tan/Brown Speckled*	*Room 3097*	*38,200 SF*	*Tile - <1% Chrysotile Mastic – 5% Chrysotile*
H-46	*12" Vinyl Floor Tile/Mastic – Blue/White Speckled*	*Room 3096*	*2,900 SF*	*Tile – NAD Mastic – 4% Chrysotile*
H-47	4" Basecove/Mastic - Black	Room 3096	N/A	NAD
H-48	HVAC Duct Sealant	Room 3096	N/A	NAD
H-49	2'x4' Acoustic Ceiling Tile - Pinhole	Room 3096	N/A	NAD
H-50	*12" Vinyl Floor Tile/Mastic – Brown Mottled*	*Room 3095*	*1,050 SF*	*Tile – NAD Mastic – 3% Chrysotile*

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-51	2'x2' Acoustic Ceiling Tile – Bird-track Pattern	Room 3095E	N/A	NAD
H-52	2'x2' Acoustic Ceiling Tile – Bird-track Pattern	Room 3069E	N/A	NAD
H-53	2'x2' Acoustic Ceiling Tile – Bird-track Pattern	Room 3071	N/A	NAD
H-54	Wallboard/Joint Compound Ceiling	Room 3095E	N/A	NAD
H-55	Vinyl Sheet Flooring – Yellow Striped	Room 3017	N/A	NAD
H-56	2'x4' Acoustic Ceiling Tile – Fissured with Pinholes	Room 3019	N/A	NAD
H-57	2'x4' Acoustic Ceiling Tile – Metal with Fiberglass – Pinhole	Room 3017	N/A	NAD
H-58	Vinyl Sheet Flooring/Mastic – Blue Streaked	Room 3009	N/A	NAD
H-59	12" Vinyl Floor Tile/Mastic – Blue with White Specks	Room 3009	N/A	NAD
H-60	12" Vinyl Floor Tile/Mastic – Blue with White Specks	Room 3007B	N/A	NAD

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-61	12" Vinyl Floor Tile/Mastic – Blue with White Specks	Room 3013B	N/A	NAD
H-62	Spray Applied Fireproofing (Spray in Plaster Overspray)	Room 3003	N/A	NAD
H-63	Smooth Plaster & Mud	Hall 1	N/A	NAD
H-64	Carpet Glue	Room 3028	N/A	NAD
H-65	*12" Vinyl Floor Tile/Mastic – Gray with White Specks*	*Room 3043*	*700 SF*	*Tile - <1% Chrysotile Mastic – 5% Chrysotile*
H-66	*12" Vinyl Floor Tile/Mastic – White with Blue & Green Specks*	*Room 3063*	*800 SF*	*Tile – NAD Mastic - <1% Chrysotile*
H-67	12" Vinyl Floor Tile/Mastic – White with Blue & Green Specks	Room 3063	800 SF	NAD
H-68	12" Vinyl Floor Tile/Mastic – White with Blue & Green Specks	Room 3063	800 SF	NAD
H-69	*12" Vinyl Floor Tile/Mastic – Light Muave*	*Room 3069*	*6,200 SF*	*Tile – NAD Mastic – 4% Chrysotile*
H-70	*12" Vinyl Floor Tile/Mastic – Light Muave*	*Room 3069*	*6,200 SF*	*Tile – NAD Mastic – 4% Chrysotile*

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-71	12" Vinyl Floor Tile/Mastic – White with Black Specks	Room 3055E	N/A	NAD
H-72	12" Vinyl Floor Tile/Mastic – White with Black Specks	Room 3055E	N/A	NAD
H-73	12" Vinyl Floor Tile/Mastic – White with Black Specks	Room 3055E	N/A	NAD
H-74	Wallboard/Joint Compound Soffit	Room 3071	N/A	NAD
H-75	4" Basecove/Mastic – Brown	Room 1206	N/A	NAD
H-76	Plaster/Mud "Patch"	Room 1200A	N/A	NAD
H-77	Plaster/Mud "Patch"	Room 1200A	N/A	NAD
H-78	Plaster/Mud "Patch"	Room 1200A	N/A	NAD
H-79	HVAC Wrap with Mastic	Room 1205	N/A	NAD
H-80	12" Vinyl Floor Tile/Mastic – White with Green & Yellow	Room 1039	N/A	NAD

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-81	12" Vinyl Floor Tile/Mastic – White with Green & Yellow	Room 1039	N/A	NAD
H-82	*12" Vinyl Floor Tile/Mastic – White with Green & Yellow (Two Layers)*	*Room 1095*	*2,100 SF*	*1st Layer Tile – NAD Mastic – NAD 2nd Layer Tile – 2% Chrysotile Mastic – 4% Chrysotile*
H-83	4" Basecove/Mastic – Light Brown	Room 1039	N/A	NAD
H-84	*12" Vinyl Floor Tile/Mastic – Light Brown with Red Trim*	*Room 1032*	*1,300 SF*	*Tile – NAD Mastic - <1% Chrysotile*
H-85	*12" Vinyl Floor Tile/Mastic – Light Brown with Red Trim*	*Room 1032B*	*1,300 SF*	*Tile – NAD Mastic – 2% Chrysotile*
H-86	12" Vinyl Floor Tile/Mastic – Grey with White and Black Specks	Room 1031 at Door	N/A	NAD
H-87	4" Basecove/Mastic – Light Brown	Room 1095	N/A	NAD
H-88	4" Basecove/Mastic - Pink	Room 1054	N/A	NAD
H-89	12" Vinyl Floor Tile/Mastic – Pink with Beige Specks	Room 1054	N/A	NAD
H-90	12" Vinyl Floor Tile/Mastic – Pink with Beige Specks	Room 1054	N/A	NAD

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-91	*12" Vinyl Floor Tile/Mastic – Light Green with Dark Green Specks (Two Layers)*	*Room 1177*	*1,000 SF*	*Tile – NAD Bulk - <1% Chrysotile*
H-92	*12" Vinyl Floor Tile/Mastic – Light Green with Dark Green Specks (Two Layers)*	*Hall 101*	*1,000 SF*	*Tile – NAD Tile- <1% Chrysotile Mastic – 4% Chrysotile*
H-93	*12" Vinyl Floor Tile/Mastic – White with Green/Orange/Red Specks (Two Layers)*	*Hall 101*	*6,000 SF*	*Tile – NAD Tile- <1% Chrysotile Mastic – 4% Chrysotile*
H-94	*12" Vinyl Floor Tile/Mastic – White with Green/Orange/Red Specks (Three Layers)*	*Room 1186*	*6,000 SF*	*Tile - NAD Mastic – NAD Tile – NAD Mastic – NAD Tile - <1% Chrysotile*
H-95	*12" Vinyl Floor Tile/Mastic – White with Green/Orange/Red Specks*	*Room 1177*	*6,000 SF*	*Tile – NAD Mastic - <1% Chrysotile*
H-96	*12" Vinyl Floor Tile/Mastic – Tan with Specks (Under Carpet)*	*Room 1176*	*2,000 SF*	*Mastic (Glue) – NAD Tile - <1% Chrysotile Mastic – 5% Chrysotile*
H-97	Plaster and Mud	Room 1183	N/A	NAD
H-98	12" Vinyl Floor Tile/Mastic – Light Blue with White Specks (Two Layers)	Room 1194	N/A	NAD
H-99	4" Basecove/Mastic – Dark Blue	Room 1014	N/A	NAD
H-100	6" Basecove/Mastic – Burgundy	Room 1079	N/A	NAD

TABLE 1 – Martin Luther King/Drew Medical Center Hawkins Building				
Sample #	Material Type	Material Location	Quantity	ASB-% & Type
H-101	12" Vinyl Floor Tile/Mastic – Light Tan	Room 1157 at Door	N/A	NAD

Notes to Table 1:

1. VFT stands for "Vinyl Floor Tile".
2. NAD stands for "No Asbestos Detected".

APPENDIX B

XRF DATA TABLES

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
1								4.7
2								4.56
3			CALIBRATE				CAL	1.1
4			CALIBRATE				CAL	1.2
5			CALIBRATE				CAL	1.2
23	WALLTILE	CERAMIC	A	YELLOW	2	WRR2OO	NEG	0.04
24	DOORJAMB	METAL	A	BROWN	2	WRR2OO	NEG	0
25	DOOR	WOOD	A	YELLOW	2	WRR2OO	NEG	0
26	WALLTILE	CERAMIC	A	YELLOW	2	WRR2OO	NEG	0.03
27	FLOORTILE	CERAMIC		YELLOW	2	WRR2OO	NEG	0.01
28	**SINK**	**CERAMIC**		**WHITE**	**2**	**WRR2OO**	**LBP**	**1.1**
29	TOILET	CERAMIC		WHITE	2	WRR2OO	NEG	0.01
30	STALL	METAL		BROWN	2	WRR2OO	NEG	0
31	CEILING	PLASTER		YELLOW	2	WRR2OO	NEG	0
32	WALL	PLASTER	A	PINK	2	HALL2	NEG	0.01
33	DOORJAMB	PLASTER	A	PINK	2	HALL2	NEG	0.04
34	DOOR	PLASTER	A	GRAY	2	HALL2	NEG	0
35	WALL	PLASTER	B	WHITE	2	HALL2	NEG	0.02
36	WALL	PLASTER	C	WHITE	2	HALL2	NEG	0.01
37	WALL	PLASTER	D	WHITE	2	HALL2	NEG	0.02
38	WALL	PLASTER	A	WHITE	2	2163	NEG	0
39	DOORJAMB	METAL	A	MUAVE	2	2163	NEG	0.03
40	DOOR	WOOD	A	MUAVE	2	2163	NEG	0
41	WALL	PLASTER	A	WHITE	2	2163	NEG	0
42	WALL	PLASTER	C	WHITE	2	2163	NEG	0
43	WALL	PLASTER	D	WHITE	2	2163	NEG	0
44	**CABINET**	**LAMINATE**	**D**	**ORANGE**	**2**	**2163**	**LBP**	**0.8**
45	**CABINET**	**LAMINATE**	**D**	**ORANGE**	**2**	**2163**	**LBP**	**0.8**
46	BASEBOARD	CERAMIC	A	YELLOW	2	2163	NEG	0.04
47	FLOORTILE	CERAMIC	A	YELLOW	2	2163	NEG	0.02
48	**SINK**	**CERAMIC**	**A**	**WHITE**	**2**	**2163**	**LBP**	**1.7**
49	FLOORTILE	CERAMIC	A	RED	2	2159	NEG	0
50	**CABINET**	**LAMINATE**	**A**	**ORANGE**	**2**	**2159**	**LBP**	**0.8**
51	WALL	PLASTER	A	WHITE	2	2159	NEG	0
52	DOORJAMB	METAL	A	MUAVE	2	2159	NEG	0.01
53	DOOR	WOOD	A	MUAVE	2	2159	NEG	0
54	WALLTILE	CERAMIC	A	YELLOW	2	2160RR	NEG	0.02
55	**SINK**	**CERAMIC**	**A**	**WHITE**	**2**	**2160RR**	**LBP**	**1.9**
56	TOILET	CERAMIC	A	WHITE	2	2160RR	NEG	0.02
57	WALL	PLASTER	A	WHITE	2	2160RR	NEG	0.01
58	DOORJAMB	METAL	A	MUAVE	2	2160RR	NEG	0.02
59	DOOR	LAMINATE	A	YELLOW	2	2160RR	NEG	0
60	WALL	PLASTER	A	WHITE	2	2160RR	NEG	0.04
61	WALL	PLASTER	B	MUAVE	2	2160RR	NEG	0.02
62			CALIBRATE				CAL	1.1
63			CALIBRATE				CAL	1.1
64			CALIBRATE				CAL	1.1
65								4.58
66								4.48

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
67	FLOORTILE	CERAMIC	A	YELLOW	2	2170	NEG	0
68	**FLOORBASIN**	**CERAMIC**	**A**	**WHITE**	**2**	**2170**	**LBP**	**36.4**
69	WALLTILE	CERAMIC	A	YELLOW	2	2170	NEG	0.04
70	WALL	PLASTER	D	WHITE	2	2171	NEG	0.01
71	WINDOWCASING	METAL	D	GREY	2	2171	NEG	0
72	WALLPANEL	WOOD	D	YELLOW	2	2173D	NEG	0
73	DOOR	LAMINATE	D	WHITE	2	2173D	NEG	0
74	DOORJAMB	METAL	D	MUAVE	2	2173D	NEG	0.01
75	WALL	PLASTER	A	WHITE	2	2176	NEG	0.02
76	DOORJAMB	METAL	A	MUAVE	2	2176	NEG	0.09
77	DOOR	LAMINATE	A	YELLOW	2	2176	NEG	0
78	WALL	PLASTER	B	WHITE	2	2176	NEG	0.02
79	WALL	PLASTER	C	WHITE	2	2176	NEG	0.02
80	WINDOWCASING	PLASTER	C	WHITE	2	2176	NEG	0
81	WALL	PLASTER	D	MUAVE	2	2176	NEG	0.01
82	WALLTILE	CERAMIC	D	YELLOW	2	2176RR	NEG	0.02
83	SINK	CERAMIC	D	WHITE	2	2176RR	NEG	0.01
84	TOILET	CERAMIC	D	WHITE	2	2176RR	NEG	0.02
85	CABINET	LAMINATE	D	BROWN	2	2157	NEG	0.08
86	WALLTILE	CERAMIC	D	GREY	2	2182	NEG	0.01
87	**TUB**	**CERAMIC**	**D**	**WHITE**	**2**	**2184**	**LBP**	**43.8**
88	WALL	PLASTER	A	WHITE	2	2148	NEG	0
89	DOORJAMB	METAL	A	BLUE	2	2148	NEG	0.02
90	DOOR	LAMINATE	A	WHITE	2	2148	NEG	0
91	WALL	PLASTER	B	WHITE	2	2148	NEG	0
92	WALL	PLASTER	C	WHITE	2	2148	NEG	0
93	WALL	PLASTER	C	WHITE	2	2148	NEG	0.01
94	CABINET	LAMINATE	C	CREAM	2	2148	NEG	0.01
95	WALLTILE	CERAMIC	A	BLACK	2	2148RR	**LCSC**	0.28
96	FLOORTILE	CERAMIC	A	BLACK	2	2148RR	NEG	0.01
97	TOILET	CERAMIC	A	WHITE	2	2148RR	NEG	0.01
98	SINK	CERAMIC	A	WHITE	2	2148RR	NEG	-0.79
99	WALLTILE	CERAMIC	A	PINK	2	2137	NEG	0.01
100	WALLTILE	CERAMIC	A	BLACK	2	2137	NEG	0.02
101	DOORJAMB	CERAMIC	A	BLUE	2	2137	NEG	0.02
102	DOOR	LAMINATE	A	BLUE	2	2137	NEG	0
103	**TUB**	**CERAMIC**	**A**	**WHITE**	**2**	**2139**	**LBP**	**44.4**
104	FLOORTILE	CERAMIC	A	BROWN	2	2139	NEG	0
105	CABINET	LAMINATE	A	WHITE	2	2147	NEG	0
106	**CABINET**	**LAMINATE**	**A**	**RED**	**2**	**2147**	**LBP**	**0.7**
107	**CABINET**	**LAMINATE**	**A**	**RED**	**2**	**2147**	**LBP**	**0.9**
108	LOCKER	METAL	A	TAN	2	2145	NEG	0.01
109	LOCKER	METAL	A	TAN	2	2145	NEG	0
110	BASBOARDTILE	CERAMIC	A	BROWN	2	2143	NEG	0.07
111	BASINSINK	CERAMIC	A	WHITE	2	2143	NEG	0.02
112	WALL	PLASTER	A	WHITE	2	2135	NEG	0
113	DOORJAMB	METAL	A	BLUE	2	2135	NEG	0
114	DOOR	LAMINATE	A	CREAM	2	2135	NEG	0
115	WALL	PLASTER	B	WHITE	2	2135	**LCSC**	0.14
116	WALL	PLASTER	C	WHITE	2	2135	NEG	0
117	WALL	PLASTER	D	WHITE	2	2135	NEG	0

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
118	CABINET	LAMINATE	D	BLUE	2	2135	NEG	0
119	FLOORTILE	SPANISH	D	RED	2	2133	NEG	0
120	WALL	PLASTER	D	WHITE	2	2128A	NEG	0
121	DOORJAMB	METAL	D	BLUE	2	2128A	NEG	0.02
122	**DOOR**	**LAMINATE**	**A**	**CREAM**	**2**	**2128A**	**LBP**	**0.7**
123	WALL	PLASTER	A	WHITE	2	2128A	NEG	0
124	WALL	PLASTER	C	WHITE	2	2128A	NEG	0
125	**COUNTER**	**LAMINATE**	**C**	**RED**	**2**	**2128A**	**LBP**	**0.7**
126	WALL	PLASTER	D	WHITE	2	2128A	NEG	0
127	WINDOWCASING	METAL	C	BLUE	2	2128	NEG	0
128	WINDOWCASING	METAL	C	BLUE	2	2128	NEG	0
129	WALL	PLASTER	A	WHITE	2	2124	NEG	0
130	DOORJAMB	METAL	A	MUAVE	2	2124	NEG	0.06
131	WALL	PLASTER	B	WHITE	2	2124	NEG	0
132	WALL	PLASTER	C	WHITE	2	2124	NEG	0
133	WALL	PLASTER	D	WHITE	2	2124	NEG	0
134	BASEBOARD	CERAMIC	D	YELLOW	2	2124	NEG	0.04
135	FLOORTILE	CERAMIC	D	YELLOW	2	2124	NEG	0
136	CABINET	LAMINATE	D	YELLOW	2	2124	NEG	0.02
137	SINK	CERAMIC	D	WHITE	2	2124	NEG	0.02
138	WINDOWCASING	METAL	C	GREY	2	2125	NEG	0
139	WALL	PLASTER	A	MUAVE	2	HALLC	NEG	0
140	DOORJAMB	METAL	A	MUAVE	2	HALLC	NEG	0.01
141	DOOR	METAL	A	WHITE	2	HALLC	NEG	0.09
142	WALL	PLASTER	B	WHITE	2	HALLC	NEG	0
143	WALL	PLASTER	C	WHITE	2	HALLC	NEG	0.01
144	WALL	PLASTER	D	WHITE	2	HALLC	NEG	0
145	DOOR	WOOD	D	YELLOW	2	2122	NEG	0.02
146	WINDOWCASING	METAL	A	MUAVE	2	2122	NEG	0
147	WALL	PLASTER	A	WHITE	2	2006	NEG	0.01
148	DOORJAMB	METAL	A	BLUE	2	2006	NEG	0
149	DOOR	LAMINATE	A	BLUE	2	2006	**LCSC**	0.5
150	WALL	PLASTER	B	WHITE	2	2006	NEG	0
151	WALL	PLASTER	C	WHITE	2	2006	NEG	0
152	WALL	PLASTER	D	WHITE	2	2006	NEG	0
153	WINDOWCASING	METAL	D	GREY	2	2006	NEG	0
154	WALLTILE	CERAMIC	A	BLUE	2	2006	NEG	0.06
155	FLOORTILE	CERAMIC	A	BLUE	2	2006	NEG	0.01
156	**SINK**	**CERAMIC**	**A**	**WHITE**	**2**	**2006**	**LBP**	**1.6**
157	TOILET	CERAMIC	A	WHITE	2	2006	NEG	0.02
158	WALL	PLASTER	A	WHITE	2	HALLD	NEG	0
159	DOORJAMB	METAL	A	BLUE	2	HALLD	NEG	0.01
160	DOOR	METAL	A	BLUE	2	HALLD	NEG	0.04
161	WALL	PLASTER	B	WHITE	2	HALLD	NEG	0
162	WALL	PLASTER	C	WHITE	2	HALLD	NEG	0
163	WALL	PLASTER	D	WHITE	2	HALLD	NEG	0
164	CABINET	LAMINATE	B	BLUE	2	2004	NEG	0
165	WALLTILE	CERAMIC	A	PEACH	2	2004	NEG	0.02
166	DOORJAMB	METAL	A	WHITE	2	2004	NEG	0.02
167	DOOR	METAL	A	WHITE	2	2004	NEG	0
168	FLOORTILE	CERAIC	A	PEACH	2	2004	NEG	0

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
169	TOILET	CERAIC	A	WHITE	2	2004	NEG	0.01
170	**SINK**	**CERAMIC**	**A**	**WHITE**	**2**	**2004**	**LBP**	**1.4**
171	BASEBOARD	CERAMIC	A	BLUE	2	2012	NEG	0.07
172	FLOORTILE	CERAMIC	A	BLUE	2	2012	NEG	0.02
173	CABINET	LAMINATE	C	BLUE	2	2012	NEG	0
174	WINDOWCASING	METAL	C	BLUE	2	2014	NEG	0
175			CALIBRATE				CAL	1.2
176			CALIBRATE				CAL	1
177			CALIBRATE				CAL	1.1
1								4.66
2								4.8
3			CALIBRATE				CAL	1.2
4			CALIBRATE				CAL	1.1
5			CALIBRATE				CAL	1.1
6	WALL	PLASTER	A	MUAVE	2	HALL-F	NEG	0
7	DOORJAMB	METAL	A	MUAVE	2	HALL-F	NEG	0.01
8	DOOR	LAMINATE	A	WHITE	2	HALL-F	NEG	0
9	WALL	PLASTER	B	WHITE	2	HALL-F	NEG	0
10	WALL	PLASTER	C	WHITE	2	HALL-F	NEG	0
11	WALL	PLASTER	D	WHITE	2	HALL-F	NEG	0.01
12	BASEBOARD	CERAMIC	D	GREEN	2	HALL-F	NEG	0.08
13	FLOORTILE	CERAMIC	D	GREEN	2	HALL-F	NEG	0
14	WALL	PLASTER	D	WHITE	2	HALL-F	NEG	0
15	WALLTILE	CERAMIC	D	GREEN	2	HALL-F	NEG	0.01
16	WALL	PLASTER	A	WHITE	2	2080	NEG	0
17	DOORJAMB	METAL	A	MUAVE	2	2080	NEG	0.01
18	DOOR	LAMINATE	A	WHITE	2	2080	NEG	0
19	FLOORTILE	CERAMIC	A	RED	2	2080	NEG	0
20	WALL	PLASTER	A	C	2	2080	NEG	0
21	DOOR	LAMINATE	A	GREEN	2	2079	NEG	0.4
22	WALL	PLASTER	A	WHITE	2	2068	NEG	0
23	DOORJAMB	METAL	A	MUAVE	2	2068	NEG	0.01
24	DOOR	LAMINATE	A	GREEN	2	2068	NEG	0.5
25	WALL	PLASTER	B	WHITE	2	2068	NEG	0
26	CABINET	LAMINATE	B	WHITE	2	2068	NEG	0
27	WALL	PLASTER	C	WHITE	2	2068	NEG	0
28	WINDOWCASING	METAL	C	GREY	2	2068	NEG	0
29	WALL	PLASTER	D	MUAVE	2	2068	NEG	0
30	WALL	PLASTER	A	MUAVE	2	HALL-E	NEG	0
31	DOORJAMB	METAL	A	MUAVE	2	HALL-E	NEG	0
32	DOOR	METAL	A	WHITE	2	HALL-E	NEG	0
33	WALL	PLASTER	B	WHITE	2	HALL-E	NEG	0
34	WALL	PLASTER	C	WHITE	2	HALL-E	NEG	0
35	WALL	PLASTER	D	WHITE	2	HALL-E	NEG	0
36	WALLTILE	CERAMIC	A	YELLOW	2	HALL-E	NEG	0.04
37	FLOORTILE	CERAMIC	A	YELLOW	2	HALL-E	NEG	0.02
38	WALLTILE	CERAMIC	A	YELLOW	2	MRR-E	NEG	0.03
39			CALIBRATE				CAL	1.3
40			CALIBRATE				CAL	1
41			CALIBRATE				CAL	1

CAL - Calibration
NEG - Lead not present based on an analytical sensitivity of 0.1 mg/cm2
LCSC - Lead-Containing Surface Coating (8 CCR 1532.1) present
LBP - Lead-Based Paint, as defined by Chapter 11 of the Los Angeles County Health & Safety Code and 17 CCR 35001 et. seq. is present

MLK/Drew Medical Center
Hawkins Bldg.
1st and 3rd Floors

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
25								4.51
26			CALIBRATE				CAL	1.1
27			CALIBRATE				CAL	1.1
28			CALIBRATE				CAL	1.1
29	WALL	PLASTER	A	WHITE	3	HALL1	NEG	0
30	WALL	PLASTER	B	WHITE	3	HALL1	NEG	0
31	WALL	PLASTER	B	PINK	3	HALL1	NEG	0
32	DOOR	WOOD	B	WHITE	3	HALL1	NEG	0
33	WALL	PLASTER	B	AQUA	3	HALL1	NEG	0
34	WALL	PLASTER	B	AQUA	3	HALL1	NEG	0
35	CABINET	METAL	B	GREEN	3	HALL1	NEG	0.02
36	CABINET	METAL	B	GREEN	3	HALL1	NEG	0
37	CABINET	METAL	B	GREEN	3	HALL1	NEG	0.02
38	WALL	PLASTER	C	AQUA	3	HALL1	NEG	0.01
39	WALL	PLASTER	D	AQUA	3	HALL1	NEG	0
40	COLUMN	PLASTER		AQUA	3	HALL1	NEG	0.01
41	**SINK**	**CERAMIC**		**WHITE**	**3**	**HALL1**	**LBP**	**5.8**
42	WALL	VINYL	A	BROWN	3	3124	NEG	0
43	DOOR	LAMINATE	A	YELLOW	3	3124	NEG	0
44	DOORJAMB	METAL	A	BROWN	3	3124	NEG	0
45	WALL	VINYL	B	BROWN	3	3124	NEG	0
46	WALL	VINYL	C	BROWN	3	3124	NEG	0
47	WALL	VINYL	D	BROWN	3	3124	NEG	0
48	FLOOR	CONCRETE		RED	3	3134	NEG	0
49	CABINET	METAL		ORANGE	3	3131	LCSC	0.6
50	WALL	PLASTER		CREAM	3	3119	NEG	0
51	DOOR	LAMINATE		YELLOW	3	3119	NEG	0
52	DOORJAMB	METAL		BROWN	3	3119	NEG	0
53	WALL	PLASTER	B	CREAM	3	3119	NEG	0.01
54	WALL	PLASTER	C	CREAM	3	3119	NEG	0
55	WALL	PLASTER	D	CREAM	3	3119	NEG	0.01
56	WALLTILE	CERAMIC	D	PEACH	3	3108	NEG	0
57	FLOORTILE	CERAMIC	D	PEACH	3	3108	NEG	0
58	FLOORTILE	CERAMIC	D	BROWN	3	MRR	NEG	0.01
59	WALLTILE	CERAMIC	D	BLACK	3	MRR	NEG	0.03
60	DOOR	LAMINATE	D	WHITE	3	MRR	NEG	0.01
61	DOORJAMB	LAMINATE	A	BROWN	3	MRR	NEG	0
62	STALL	METAL	A	TAN	3	MRR	NEG	0.01
63	CABINET	LAMINATE	A	ORANGE	3	MRR	LCSC	0.6
64	COLUMN	CONCRETE	A	WHITE	3	3113	NEG	0.01
65	CABINET	LAMINATE	A	YELLOW	3	3113	LCSC	0.4
66	CABINET	LAMINATE	A	YELLOW	3	3115	LCSC	0.5
67	**SINK**	**CERAMIC**	**A**	**WHITE**	**3**	**3115**	**LBP**	**3.7**
68	WALLTILE	CERAMIC	A	PEACH	3	3123	NEG	0.06
69	BASEBOARDTILE	CERAMIC	A	PEACH	3	3123	NEG	0.02
70	**FLOORBASIN**	**CERAMIC**	**A**	**WHITE**	**3**	**3123**	**LBP**	**34.3**
71	DOOR	LAMINATE	A	GREEN	3	3121	LCSC	0.5
72	WALL	PLASTER	A	BLUE	3	3096A	NEG	0
73	WALL	PLASTER	B	BLUE	3	3096A	NEG	0
74	CABINETS	METAL	B	WHITE	3	3096A	NEG	0

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
75	WALL	CONCRETE	B	WHITE	3	STAIR1	NEG	0.01
76	WALL	PLASTER	A	WHITE	3	3096	NEG	0
77	WALL	PLASTER	B	WHITE	3	3096	NEG	0
78	CABINET	METAL	B	MINT	3	3096	NEG	0
79	WALL	CONCRETE	C	WHITE	3	3096	NEG	0
80	WALL	CONCRETE	D	WHITE	3	3096	NEG	0
81	COUNTER	METAL	D	ORANGE	3	3096	NEG	0
82	DOOR	LAMINATE	D	WHITE	3	3016B	NEG	0
83	DOOR	LAMINATE	D	WHITE	3	3017	NEG	0
84	DOORJAMB	METAL	D	WHITE	3	3017	NEG	0.02
85	WALL	PLASTER	D	AQUA	3	3017	NEG	0.01
86	WALL	PLASTER	B	AQUA	3	3017	NEG	0
87	WALL	PLASTER	C	AQUA	3	3017	NEG	0
88	WALL	PLASTER	D	AQUA	3	3017	NEG	0
89	CABINET	METAL	D	GREEN	3	3017	NEG	0.01
90	CABINET	METAL	D	GREEN	3	3017	NEG	0.01
91	**DOOR**	**LAMINATE**	**A**	**RED**	**3**	**3009**	**LBP**	**1.1**
92	WALL	PLASTER	D	WHITE	3	3009	NEG	0
93	CABINET	METAL	D	BLUE	3	3009	NEG	0
94	CABINET	METAL	D	BLUE	3	3009	NEG	0
95	CEILINGTILE	METAL	D	BLUE	3	3009	NEG	0.01
96	CEILINGTILE	METAL	D	BLUE	3	3009	NEG	0.02
97	WALL	PLASTER	A	GREEN	3	3008	NEG	0.01
98	WALL	PLASTER	B	GREEN	3	3008	NEG	0
99	DOOR	LAMINATE	A	YELLOW	3	3007B	NEG	0.06
100	JAMB	METAL	A	MUAVE	3	3007B	NEG	0
101	WINDOWCASING	METAL	A	MUAVE	3	3007B	NEG	0
102	WALL	PLASTER	C	WHITE	3	3007B	NEG	0.03
103	**CABINET**	**METAL**		**ORANGE**	**3**	**3004**	**LBP**	**0.8**
104	**CABINET**	**METAL**		**ORANGE**	**3**	**3004**	**LBP**	**0.9**
105	WALLTILE	CERAMIC	A	BLUE	3	WRR-3004	NEG	0.02
106	FLOORTILE	CERAMIC	A	BLUE	3	WRR-3004	NEG	0.01
107			CALIBRATE				CAL	1
108			CALIBRATE				CAL	1.1
109			CALIBRATE				CAL	1.1
110								5.14
111								4.53
112			CALIBRATE				CAL	1.4
113			CALIBRATE				CAL	1.1
114			CALIBRATE				CAL	1
115	CABINET	METAL	A	BROWN	3	3026	**LCSC**	0.11
116	CABINET	METAL	A	BROWN	3	3026	**LCSC**	0.3
117	CABINET	METAL	A	BROWN	3	3026	NEG	0.08
118	WALL	CONCRETE	C	WHITE	3	3026	NEG	0
119	WALL	PLASTER	C	AQUA	3	3025	NEG	0
120	WALL	PLASTER	A	WHITE	3	3033	NEG	0
121	DOOR	LAMINATE	A	WHITE	3	3033	NEG	0
122	WALL	PLASTER	A	WHITE	3	3033	NEG	0
123	CABINET	LAMINATE	C	TAN	3	3033	NEG	0.03
124	CABINET	LAMINATE	C	TAN	3	3033	NEG	0.02

No.	Component	Substrate	Side	Color	Floor	Room	Results	Pb©
125	DOOR	LAMINATE	A	GREEN	3	3034	**LCSC**	0.4
126	WALL	PLASTER	A	GREY	3	3035	NEG	0
127	WALL	PLASTER	A	WHITE	3	3050	NEG	0
128	DOOR	LAMINATE	A	WHITE	3	3050	NEG	0
129	DOORJAMB	METAL	A	BROWN	3	3050	NEG	0.01
130	WALL	PLASTER	B	WHITE	3	3050	NEG	0
131	WALL	PLASTER	A	WHITE	3	3063	NEG	0
132	WALL	PLASTER	B	WHITE	3	3063	NEG	0
133	DOOR	LAMINATE	B	WHITE	3	3063	NEG	0
134	DOORJAMB	METAL	B	BROWN	3	3063	NEG	0
135	WALL	PLASTER	C	WHITE	3	3063	NEG	0
136	WALL	PLASTER	D	BLUE	3	3063	NEG	0
137	WALL	PLASTER	C	WHITE	3	3060	NEG	0
138	LOCKER	METAL	C	TAN	3	3060	NEG	0
139	LOCKER	METAL	C	TAN	3	3060	NEG	0
140	DOOR	LAMINATE	A	WHITE	3	3059	NEG	0
141	DOOR	LAMINATE	A	BROWN	3	3059	**LCSC**	0.12
142	LOCKER	METAL	A	BLUE	3	3062	NEG	0
143	LOCKER	METAL	A	BLUE	3	3062	NEG	0
144	WALL	PLASTER	A	BLUE	3	3062	NEG	0
145	**SINK**	**CERAMIC**	**A**	**WHITE**	**3**	**3062B**	**LBP**	**1.7**
146	**TOILET**	**CERAMIC**	**A**	**WHITE**	**3**	**3062B**	**LBP**	**3.8**
147	WALLTILE	CERAMIC	A	BLUE	3	3062B	NEG	0.01
148	FLOORTILE	CERAMIC	A	BLUE	3	3062B	NEG	0
149	WALL	PLASTER	A	TAN	3	3058	NEG	0.01
150	WALL	PLASTER	A	WHITE	3	3069-HALL	NEG	0
151	WALL	PLASTER	B	WHITE	3	3069-HALL	NEG	0
152	WALL	PLASTER	C	WHITE	3	3069-HALL	NEG	0
153	WALL	PLASTER	D	WHITE	3	3069-HALL	NEG	0
154	CABINET	METAL	D	ORANGE	3	3069	NEG	0
155	**CABINET**	**METAL**	**D**	**ORANGE**	**3**	**3069**	**LBP**	**1.1**
156	WALL	PLASTER	A	WHITE	3	3069	NEG	0
157	DOOR	LAMINATE	A	WHITE	3	3069	NEG	0
158	DOORJAMB	METAL	A	WHITE	3	3069	NEG	0.02
159	WALL	PLASTER	B	WHITE	3	3069	NEG	0
160	WALL	PLASTER	C	WHITE	3	3069	NEG	0
161	WALL	PLASTER	ND	WHITE	3	3069	NEG	0
162	**CABINETUPPER**	**METAL**		**WHITE**	**3**	**3057**	**LBP**	**0.7**
163	CABINETLOWER	METAL		WHITE	3	3057	NEG	0
164								4.34
165	CABINETUPPER	METAL		BLUE	3	3055	NEG	0
166	CABINETLOWER	METAL		BLUE	3	3055	NEG	0
167	WALL	PLASTER		LIGHTPINK	3	3071	NEG	0
168	WALL	PLASTER	B	LIGHTPINK	3	3071	NEG	0
169			CALIBRATE				CAL	1.2
170			CALIBRATE				CAL	1.1
171			CALIBRATE				CAL	1.1
172								4.34
173								4.83
174			CALIBRATE				CAL	1.2

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
175			CALIBRATE				CAL	1.1
176			CALIBRATE				CAL	1.3
177	WALL	CONCRETE	A	WHITE	1	1200A	NEG	0
178	WALL	PLASTER	B	WHITE	1	1200A	NEG	0.01
179	WALL	PLASTER	C	WHITE	1	1200A	NEG	0.02
180	COLUMN	CONCRETE	C	WHITE	1	1200A	NEG	0.01
181	WALL	PLASTER	C	WHITE	1	1200A	NEG	0
182	WALL	PLASTER	A	PINK	1	1206	NEG	0
183	DOOR	METAL	A	BROWN	1	1206	NEG	0
184	DOORJAMB	METAL	A	BROWN	1	1206	NEG	0
185	WALL	PLASTER	B	WHITE	1	1206	NEG	0
186	WALL	PLASTER	C	PINK	1	1206	NEG	0
187	WALL	PLASTER	D	WHITE	1	1206	NEG	0
188	WALL	PLASTER	A	WHITE	1	1207	NEG	0
189	DOOR	METAL	A	BROWN	1	1207	NEG	0
190	DOORJAMB	METAL	A	BROWN	1	1207	NEG	0
191	WALL	PLASTER	B	WHITE	1	1207	NEG	0
192	WALL	CONCRETE	C	WHITE	1	1207	NEG	0
193	WALL	PLASTER	A	TAN	1	1209	NEG	0.01
194	RISER	METAL	B	WHITE	1	1209	NEG	0
195	RISER	METAL	B	WHITE	1	1209	NEG	0
196	WINDOWCASING	METAL	A	PINK	1	1204	NEG	0.01
197	WINDOWCASING	METAL	A	PINK	1	1204	NEG	0
198	BASEBOARDTILE	CERAMIC	A	BROWN	1	STAFFRR	NEG	0.07
199	LOCKER	METAL	B	WHITE	1	STAFFRR	NEG	0
200	LOCKER	METAL	C	YELLOW	1	STAFFRR	NEG	0
201	**SINK**	**CERAMIC**	**C**	**WHITE**	**1**	**STAFFRR**	**LBP**	**4.3**
202	**URINAL**	**CERAMIC**	**C**	**WHITE**	**1**	**STAFFRR**	**LBP**	**1.3**
203	TOILET	CERAMIC	C	WHITE	1	STAFFRR	NEG	0.04
204	WALLTILE	CERAMIC	C	PEACH	1	1201	NEG	0.02
205	DOOR	LAMINATE	A	RED	1	1170	**LCSC**	0.5
206	DOOR	LAMINATE	A	YELLOW	1	1138	NEG	0
207	DOORJAMB	METAL	A	BROWN	1	1138	NEG	0.01
208	**DOOR**	**LAMINATE**	**A**	**ORANGE**	**1**	**HALL100**	**LBP**	**0.8**
209	WALL	PLASTER	A	WHITE	1	1041	NEG	0
210	DOOR	LAMINATE	A	GREEN	1	1041	**LCSC**	0.5
211	DOORJAMB	METAL	A	BROWN	1	1041	NEG	0
212	WALL	PLASTER	B	WHITE	1	1041	NEG	0
213	WALL	PLASTER	C	WHITE	1	1041	NEG	0
214	WALL	PLASTER	D	WHITE	1	1041	NEG	0
215	WALL	PLASTER	B	BLUE	1	1047	NEG	0
216	WALL	PLASTER	A	WHITE	1	1047	NEG	0
217	DOOR	LAMINATE	A	YELLOW	1	1047	NEG	0.02
218	DOORJAMB	LAMINATE	A	BROWN	1	1047	NEG	0
219	DOORJAMB	LAMINATE	A	BLUE	1	1047	NEG	0
220	WALL	PLASTER	A	OFFWHITE	1	1026	NEG	0
221	WALL	PLASTER	B	OFFWHITE	1	1026	NEG	0
222	WALL	PLASTER	A	PINK	1	1031	NEG	0
223	WALLTILE	CERAMIC	A	BLUE	1	1025RR	NEG	0.08
224	FLOORTILE	CERAMIC	A	BLUE	1	1025RR	NEG	0.02

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
225	WALLTILE	CERAMIC	A	PEACH	1	MRR1142	NEG	0.03
226	WALLTILE	CERAMIC	A	OLIVE	1	WRR1142	NEG	0.02
227	FLOORTILE	CERAMIC	A	OLIVE	1	WRR1142	NEG	0.01
228	WALL	PLASTER	A	OFFWHITE	1	1117	NEG	0
229	DOOR	METAL	A	OFFWHITE	1	1117	NEG	0
230	DOORJAMB	METAL	A	OFFWHITE	1	1117	NEG	0.01
231	DOORJAMB	METAL	A	BROWN	1	1117	NEG	0
232	WALL	PLASTER	B	OFFWHITE	1	1117	NEG	0
233	WALL	PLASTER	C	OFFWHITE	1	1117	NEG	0
234	WALL	PLASTER	D	OFFWHITE	1	1117	NEG	0
235	WALL	PLASTER	A	OFFWHITE	1	1106	NEG	0
236	DOOR	LAMINATE	A	OFFWHITE	1	1106	NEG	0
237	DOORJAMB	METAL	A	BROWN	1	1106	NEG	0
238	WALL	PLASTER	B	WHITE	1	1106	NEG	0
239	WALL	PLASTER	C	WHITE	1	1106	NEG	0
240	WALL	PLASTER	D	WHITE	1	1106	NEG	0
241	WINDOWCASING	METAL	D	BROWN	1	1114	NEG	0.01
242	WALL	PLASTER	A	WHITE	1	1087	NEG	0
243	DOOR	METAL	A	WHITE	1	1087	NEG	0
244	DOORJAMB	METAL	A	WHITE	1	1087	NEG	0
245	WALL	PLASTER	B	WHITE	1	1087	NEG	0.01
246	WALL	PLASTER	C	WHITE	1	1087	NEG	0
247	WALL	PLASTER	D	WHITE	1	1087	NEG	0
248	FLOORTILE	CERAMIC	D	YELLOW	1	1090	NEG	0
249	WALLTILE	CERAMIC	D	YELLOW	1	1090	NEG	0.07
250	WALL	PLASTER	C	WHITE	1	1082	NEG	0
251	**COUNTER**	**LAMINATE**	**C**	**RED**	**1**	**1082**	**LBP**	**0.7**
252	CABINET	PLASTER	C	WHITE	1	1082	NEG	0
253	WALL	PLASTER	A	PINK	1	1054	NEG	0
254	DOOR	LAMINATE	A	WHITE	1	1054	NEG	0
255	DOORJAMB	METAL	A	BROWN	1	1054	NEG	0
256	WALL	PLASTER	B	WHITE	1	1054	NEG	0
257	WALL	PLASTER	C	PINK	1	1054	NEG	0
258	WALL	PLASTER	D	PINK	1	1054	NEG	0.01
259	WALL	PLASTER	A	PINK	1	HALL101	NEG	0
260	DOOR	METAL	A	PINK	1	HALL101	NEG	0
261	DOORJAMB	METAL	A	PINK	1	HALL101	NEG	0
262	WALL	PLASTER	A	WHITE	1	HALL101	NEG	0.03
263	WALL	PLASTER	C	WHITE	1	HALL101	NEG	0
264	WALL	PLASTER	D	WHITE	1	HALL101	**LCSC**	0.5
265	WALL	PLASTER	A	WHITE	1	1188	NEG	0
266	DOOR	METAL	A	WHITE	1	1188	NEG	0
267	DOORJAMB	METAL	A	WHITE	1	1188	NEG	0.02
268	WALL	PLASTER	B	WHITE	1	1188	NEG	0
269	WALL	PLASTER	C	WHITE	1	1188	NEG	0
270	WALL	PLASTER	D	WHITE	1	1188	NEG	0
271	CABINET	LAMINATE	D	MINT	1	1200	NEG	0
272	CABINET	LAMINATE	D	MINT	1	1200	NEG	0
273	WALL	PLASTER	A	WHITE	1	1116	NEG	0
274	DOOR	LAMINATE	A	WHITE	1	1116	NEG	0.01

No.	Component	Substrate	Side	Color	Floor	Room	Results	PbC
275	DOORJAMB	METAL	A	WHITE	1	1116	NEG	0
276	WALL	PLASTER	A	WHITE	1	1015	NEG	0
277	WALL	PLASTER	B	WHITE	1	1015	NEG	0
278	WALL	PLASTER	C	WHITE	1	1015	NEG	0
279	WALL	PLASTER	D	WHITE	1	1015	NEG	0
280	WINDOWCASING	METAL	DA	WHITE	1	1015	NEG	0
281	WALL	PLASTER	A	WHITE	1	1002	NEG	0
282	WINDOWCASING	METAL	A	BLUE	1	1002	NEG	0
283	WALL	CONCRETE	A	WHITE	1	1004	NEG	0.01
284	WALL	CONCRETE	A	WHITE	1	1004	NEG	0.01
285	FLOORTILE	CERAMIC	A	RED	1	1004	NEG	0.01
286	FLOORTILE	CERAMIC	A	RED	1	1004	NEG	0
287	WALL	PLASTER	A	GREEN	1	1004	NEG	0
288	WALL	PLASTER	A	BLUE	1	1004	NEG	0
289	BASEBOARD	PLASTER	A	BLUE	1	1004	NEG	0.08
290	LOCKER	METAL	B	BLUE	1	1004	NEG	0
291	BASEBOARD	CERAMIC	A	WHITE	1	LOCKER1055	NEG	0.07

CAL - Calibration
NEG - Lead not present based on an analytical sensitivity of 0.1 mg/cm2
LCSC - Lead-Containing Surface Coating (8 CCR 1532.1) present
LBP - Lead-Based Paint, as defined by Chapter 11 of the Los Angeles County Health & Safety Code and 17 CCR 35001 et. seq. is present

APPENDIX C

ASBESTOS ANALYTICAL DATA (LAB REPORT)

Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Winzler & Kelly
G. Ambercrombie
3531 E. Miraloma Avenue

Anaheim, CA 92806

Client ID: 6096
Report Number: B076886
Date Received: 09/12/05
Date Analyzed: 09/13/05
Date Printed: 09/14/05
First Reported: 09/14/05

Job ID/Site: 08607.05.003.78187 - MLK - Hawkins

Date(s) Collected: 09/08/2005

FASI Job ID: 6096-387
Total Samples Submitted: 31
Total Samples Analyzed: 29

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
H-1	50283507						
Layer: White Woven Material with Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (95 %)							
H-2	50283508						
Layer: Light Purple Tile			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-3	50283509						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Beige Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-4	50283510						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
H-5	50283511						
Layer: Beige Drywall			**ND**				
Layer: White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Fibrous Glass (10 %)							
H-6	50283512						
Layer: Brown Tile		Chrysotile	**Trace**				
Layer: Black Mastic		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							

Client Name: Winzler & Kelly

Report Number: B076886
Date Printed: 09/14/05

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
H-7	50283513						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (75 %) Fibrous Glass (5 %)							
H-8	50283514						
Comment: Sample not analyzed due to prior positive result in series.							
H-9	50283515						
Layer: Black Non-Fibrous Material		Chrysotile	**3 %**				
Total Composite Values of Fibrous Components:		**Asbestos (3%)**					
H-10	50283516						
Layer: Grey Tile			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-11	50283517						
Layer: Blue Non-Fibrous Material			**ND**				
Layer: White Mastic			**ND**				
Layer: White Skimcoat/Joint Compound			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-12	50283518						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
H-13	50283519						
Layer: Beige Plaster			**ND**				
Layer: Paint			**ND**				
Layer: Beige Skimcoat/Joint Compound			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-14	50283520						
Layer: White Drywall			**ND**				
Layer: White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Fibrous Glass (10 %)							

Report Number: B076886
Client Name: Winzler & Kelly **Date Printed:** 09/14/05

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
H-15	50283521						
Layer: White Drywall			**ND**				
Layer: White Skimcoat/Joint Compound			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (5 %) Fibrous Glass (Trace)							
H-16	50283522						
Layer: White Drywall			**ND**				
Layer: White Skimcoat/Joint Compound			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (30 %)							
H-17	50283523						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
H-18	50283524						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Layer: White Skimcoat/Joint Compound			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-19	50283525						
Layer: Blue Non-Fibrous Material			**ND**				
Layer: Beige Mastic			**ND**				
Layer: White and Beige Skimcoat/Joint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-20	50283526						
Comment: Sample not analyzed due to prior positive result in series.							
H-21	50283527						
Layer: Grey Tile			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-22	50283528						
Layer: Blue Non-Fibrous Material			**ND**				
Layer: White Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							

Report Number: B076886
Client Name: Winzler & Kelly **Date Printed:** 09/14/05

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
H-23	50283529						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
H-24	50283530						
Layer: Tan Plaster			**ND**				
Layer: Beige Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-25	50283531						
Layer: Beige Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**3 %**				
Total Composite Values of Fibrous Components:		**Asbestos (2%)**					
Cellulose (Trace)							
H-26	50283532						
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-27	50283533						
Layer: Yellow Fibrous Material			**ND**				
Layer: White Coating		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components:		**Asbestos (2%)**					
Cellulose (Trace) Fibrous Glass (20 %)							
H-28	50283534						
Layer: Beige Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (50 %)							
H-29	50283535						
Layer: Tan Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-30	50283536						
Layer: Tan Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
H-31	50283537						
Layer: Tan Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							

Report Number: B076886
Client Name: Winzler & Kelly **Date Printed:** 09/14/05

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer

Steven Takahashi, Laboratory Supervisor, Rancho Dominguez Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW

Date: 9-8-05

Location: MLK - Hawkins

Project Number: 08607.05.003.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
H -1	UPR 200 - plenum	U	Canvas	Wavy	
-2	Hall C 2163	CC	12" VFT/M	R/W/B	
-3	Hall 2 @ 2167	DD	13CM	Grey	
-4	2166 Ctr	L1	2x4 Act	Pinhole	
-5	2161 C Entry	F	Plaster wall	Smooth	
-6	2154 Center	L2	12" VFT/M	Brown w/ yellow streaks	
-7	2171 Ctr	L2	2x4 Act	fissured	
-8	2173 D	LL	12" VFT/M	Brown w/ yellow streaks	
-9	2175	~~MM~~ MM	SINK UNDER COATING	Black.	
-10	2148	NP	12 VFT w/mastic	Grey w/ white spec.	

Analytical Method: PLM

Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

1.	Signature	PC Title	9-12-05 Inclusive Dates
2.	M. Adams Signature	CS Title	9/12/05 2:15pm DW Inclusive Dates
3.	Signature	Title	Inclusive Dates

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW

Date: 9- 09 -05

Location: MLK - LAND B. Hawkins

Project Number: 08607.05.003.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
-11	2148	00	BCM	BLUE.	
-12	2148	PP	~~1~~ 2x4 / 12" ACT ~~W/PINHOLE FISS~~	PINHOLE FISSURED.	
-13	2148	F	PLASTER WALL	WHITE. ~~WHITE~~	
-14	HALLWAY @ N.	N	WBJC ~~ACT~~	CEILING.	
-15	@ M.O	↓	↓	↓	
-16	↓ @ SOUTH.	↓	↓	↓	
-17	HALLWAY	PP	2x4 / 12" ACT DROPPED	PINHOLE FISSURED	
-18	2134.	F	PLASTER WALL.		
-19	2129	00	BCM	BLUE.	
-20.	2133	MM	SINK UNDERCOATING	BLACK.	

Analytical Method: PLM

Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.		PC	9-9-05
2.	M. Adams	CS	9-12-05 2:15 PM
3.			

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW

Date: 9- 9 -05

Location: MLK - Hawkins

Project Number: 08607.05.003.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
-21	Rm 2006	NN	12" VAT -/ MASTIC	GREY -/ WHITE SPEC.	
22		OO	BCM	BLUE	
23		PP	2x4 ACT	PIN HOLE FISSURED.	
24	↓	F	PLASTER	WALL.	
25	2004 A	GG.	VAT -/ MASTIC	GREY.	
26	2-55 C Corridor	QQ	Carpet Glue	Brown	
27	Corridor Rm 2021	P	Wall Sealant	white	
28	2155 Corridor C Broken Panel	RR	Drywall	white compound	
29	Phenom Hall C 2155	SS	Plaster Spray on	Rough	
30	Phenom Hall D C Rtc	SS	↓	↓	

Analytical Method: PLM

Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – 3531 E. Miraloma Avenue Anaheim, CA 92806

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.	[signature]	PC	9-12-05
2.	M. Adams	CS	9/12/05 @ 2:15pm
3.			

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW

Date: 9- 12 -05

Location: MLK - Hawkins

Project Number: 08607.05.003.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
H-51	Hall A - ph ceil	SS	Spray on plaster	Random	

Analytical Method: PLM

Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.	[signature]	PC	9-12-05
2.	M. Adams	CS	9-12-05 2:15pm
3.			

AMERI SCI

AmeriSci Los Angeles
24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

October 12, 2005

Winzler & Kelly Consulting Engineers
Attn: Gavin Abercrombie
3531 East Miraloma Ave.
Anaheim, CA 92806

RE: Winzler & Kelly Consulting Engineers
Job Number 905101171
P.O. # 08607.05.004.78187
08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Dear Gavin Abercrombie:

Enclosed are the results for PLM asbestos analysis of the following Winzler & Kelly Consulting Engineers samples received at AmeriSci on Monday, October 10, 2005, for a 48 hour turnaround:

32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101

The 70 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements, mandates that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

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

Sincerely,

Mary S. David
Customer Service

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AmeriSci Los Angeles
24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
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PLM Bulk Asbestos Report

Winzler & Kelly Consulting Engineers
Attn: Gavin Abercrombie
3531 East Miraloma Ave.
Anaheim, CA 92806

Date Received 10/10/05 **AmeriSci Job No.**905101171
Date Examined 10/12/05 **P.O. #** 08607.05.004.78187
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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
32 TT	905101171-01.1	*No*	NAD
	Location: Room 3112/Black & Green Streaks/VSF		
	Description: Black, Homogeneous, Non-Fibrous, Vinyl Flooring		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
32 TT	905101171-01.2	*No*	NAD
	Location: Room 3112/Black & Green Streaks/VSF		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
33 TT	905101171-02.1	*No*	NAD
	Location: Room 3113/Black & Green Streaks/VSF		
	Description: Black, Homogeneous, Non-Fibrous, Vinyl Flooring		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
33 TT	905101171-02.2	*No*	NAD
	Location: Room 3113/Black & Green Streaks/VSF		
	Description: Black, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
34 TT	905101171-03.1	*No*	NAD
	Location: Room 3115/Black & Green Streaks/VSF		
	Description: Black, Homogeneous, Non-Fibrous, Vinyl Flooring		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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PLM Bulk Asbestos Report

Winzler & Kelly Consulting Engineers
Attn: Gavin Abercrombie
3531 East Miraloma Ave.
Anaheim, CA 92806

Date Received 10/10/05 **AmeriSci Job No.**905101171
Date Examined 10/12/05 **P.O. #** 08607.05.004.78187
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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
34	905101171-03.2	*No*	NAD
TT	**Location:** Room 3115/Black & Green Streaks/VSF		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
35	905101171-04.1	*No*	NAD
SS	**Location:** Room 3119/VSF/Beige		
	Description: Beige, Homogeneous, Non-Fibrous, Vinyl Flooring		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
35	905101171-04.2	*No*	NAD
SS	**Location:** Room 3119/VSF/Beige		
	Description: Clear, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
36	905101171-05.1	*No*	NAD
SS	**Location:** Room 3119/VSF/Beige		
	Description: Beige, Homogeneous, Non-Fibrous, Vinyl Flooring		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
36	905101171-05.2	*No*	NAD
SS	**Location:** Room 3119/VSF/Beige		
	Description: Clear, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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PLM Bulk Asbestos Report

Winzler & Kelly Consulting Engineers
Attn: Gavin Abercrombie
3531 East Miraloma Ave.
Anaheim, CA 92806

Date Received 10/10/05 **AmeriSci Job No.**905101171
Date Examined 10/12/05 **P.O. #** 08607.05.004.78187
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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
36	905101171-05.3	*No*	NAD
SS	**Location:** Room 3119/VSF/Beige		
	Description: White, Homogeneous, Non-Fibrous, Leveling Compound		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
37	905101171-06.1	*No*	NAD
SS	**Location:** Room 3109/VSF/Beige		
	Description: Beige, Homogeneous, Non-Fibrous, Vinyl Flooring		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
37	905101171-06.2	*No*	NAD
SS	**Location:** Room 3109/VSF/Beige		
	Description: Light Blue/ Grey, Heterogeneous, Non-Fibrous, Cementitious, Leveling Compound		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
38	905101171-07	*No*	NAD
Z	**Location:** Room 3131/2'x4' ACT/Smooth		
	Description: Grey, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 30. %, Fibrous glass 20. %, Non-fibrous 50. %		
39	905101171-08.1	*No*	NAD
UU	**Location:** Room 3113/6" BCM/Brown		
	Description: Brown, Heterogeneous, Non-Fibrous, Cove Base		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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PLM Bulk Asbestos Report

Winzler & Kelly Consulting Engineers
Attn: Gavin Abercrombie
3531 East Miraloma Ave.
Anaheim, CA 92806

Date Received 10/10/05 **AmeriSci Job No.**905101171
Date Examined 10/12/05 **P.O. #** 08607.05.004.78187
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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
39	905101171-08.2	*No*	NAD
UU	**Location:** Room 3113/6" BCM/Brown		
	Description: Brown, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Fibrous Talc 2. %, Non-fibrous 98. %		
40	905101171-09.1	*No*	NAD
UU	**Location:** Room 3113/6" BCM/Brown		
	Description: Brown, Homogeneous, Non-Fibrous, Cove Base		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
40	905101171-09.2	*No*	NAD
UU	**Location:** Room 3113/6" BCM/Brown		
	Description: Brown, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Fibrous Talc 2. %, Non-fibrous 98. %		
41	905101171-10.1	*No*	NAD
UU	**Location:** Room 3113/6" BCM/Brown		
	Description: Brown, Homogeneous, Non-Fibrous, Cove Base		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
41	905101171-10.2	*No*	NAD
UU	**Location:** Room 3113/6" BCM/Brown		
	Description: Brown, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Fibrous Talc 2. %, Non-fibrous 98. %		

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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
42	905101171-11	*No*	NAD
VV	**Location:** Room 3121/VSF/Tan w/Pebbles Pattern		
	Description: Beige, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 5. %, Fibrous glass 5. %, Wollastonite 5. %, Non-fibrous 85. %		
43	905101171-12.1	*No*	NAD
Y	**Location:** Room 3096B/VFT/Blue		
	Description: Blue, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
43	905101171-12.2	*Yes*	4 %
Y	**Location:** Room 3096B/VFT/Blue		
	Description: Black, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types: Chrysotile 4. %		
	Other Material: Non-fibrous 96. %		
44	905101171-13	*No*	NAD
WW	**Location:** Room 3096A/Lab Center/Top		
	Description: Black, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
45	905101171-14.1	*Yes*	< 1.%
X	**Location:** Room 3097/VFT/12" Tan/Brown Speckled		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 100. %		

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PLM Bulk Asbestos Report

Winzler & Kelly Consulting Engineers
Attn: Gavin Abercrombie
3531 East Miraloma Ave.
Anaheim, CA 92806

Date Received 10/10/05
Date Examined 10/12/05

AmeriSci Job No.905101171
P.O. # 08607.05.004.78187

RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
45	905101171-14.2	*Yes*	5 %
X	**Location:** Room 3097/VFT/12" Tan/Brown Speckled		
	Description: Black, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types: Chrysotile 5. %		
	Other Material: Non-fibrous 95. %		
46	905101171-15.1	*No*	NAD
K	**Location:** Room 3096/VFT/12" Light/Blue/White Speckled		
	Description: Blue, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
46	905101171-15.2	*Yes*	4 %
K	**Location:** Room 3096/VFT/12" Light/Blue/White Speckled		
	Description: Black, Heterogeneous, Fibrous, Mastic		
	Asbestos Types: Chrysotile 4. %		
	Other Material: Non-fibrous 96. %		
47	905101171-16.1	*No*	NAD
V	**Location:** Room 3096/4" BCM/Black		
	Description: Black, Homogeneous, Non-Fibrous, Cove Base		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
47	905101171-16.2	*No*	NAD
V	**Location:** Room 3096/4" BCM/Black		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
48	905101171-17	*No*	NAD
U	**Location:** Room 3096/Duct/Sealant		
	Description: Grey, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 10. %, Fibrous glass 40. %, Non-fibrous 50. %		
49	905101171-18	*No*	NAD
L1	**Location:** Room 3096/2'x4' ACT Pinhole		
	Description: White, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 50. %, Non-fibrous 50. %		
50	905101171-19.1	*No*	NAD
J	**Location:** Room 3095/12" Brown Mottled/VFT		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
50	905101171-19.2	*Yes*	3 %
J	**Location:** Room 3095/12" Brown Mottled/VFT		
	Description: Black, Heterogeneous, Fibrous, Mastic		
	Asbestos Types: Chrysotile 3. %		
	Other Material: Non-fibrous 97. %		
51	905101171-20	*No*	NAD
XX	**Location:** Room 3095E/2'x2' ACT/Bird Track		
	Description: Grey, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 50. %, Non-fibrous 50. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
52	905101171-21	*No*	NAD
XX	**Location:** Room 3069E/2'x2' ACt/Bird Track		
	Description: Grey, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 50. %, Non-fibrous 50. %		
53	905101171-22	*No*	NAD
XX	**Location:** Room 3071/2'x2' ACt/Bird Track		
	Description: Grey, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 50. %, Non-fibrous 50. %		
54	905101171-23.1	*No*	NAD
N	**Location:** Room 3095E/WBJC/Above Ceiling		
	Description: Brown/White, Heterogeneous, Fibrous, Drywall		
	Asbestos Types:		
	Other Material: Cellulose 20. %, Non-fibrous 80. %		
54	905101171-23.2	*No*	NAD
N	**Location:** Room 3095E/WBJC/Above Ceiling		
	Description: Beige, Homogeneous, Non-Fibrous, Joint Compound		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
55	905101171-24.1	*No*	NAD
E	**Location:** Room 3017/VSF/Yellow Stripped		
	Description: Black, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
55	905101171-24.2	*No*	NAD
E	**Location:** Room 3017/VSF/Yellow Stripped		
	Description: Beige, Homogeneous, Non-Fibrous, Vinyl Flooring		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
55	905101171-24.3	*No*	NAD
E	**Location:** Room 3017/VSF/Yellow Stripped		
	Description: Clear, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
55	905101171-24.4	*No*	NAD
E	**Location:** Room 3017/VSF/Yellow Stripped		
	Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Leveling Compound		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
56	905101171-25	*No*	NAD
L2	**Location:** ROom 3019/2'x4' ACT Fissured/Pinholes		
	Description: Grey, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 50. %, Non-fibrous 50. %		
57	905101171-26	*No*	NAD
L	**Location:** Room 3017/2'x4' ACT Pinhole/Metal w/Fiberglass		
	Description: Brown/Yellow, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 20. %, Fibrous glass 20. %, Non-fibrous 60. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
58	905101171-27.1	*No*	NAD
Q	**Location:** ROom 3089/VSF/M/Blue Streaked		
	Description: Blue, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
58	905101171-27.2	*No*	NAD
Q	**Location:** ROom 3089/VSF/M/Blue Streaked		
	Description: Clear, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
58	905101171-27.3	*No*	NAD
Q	**Location:** ROom 3089/VSF/M/Blue Streaked		
	Description: Grey, Homogeneous, Non-Fibrous, Leveling Compound		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
59	905101171-28.1	*No*	NAD
YY	**Location:** Room 3089/VFT/12" Blue w/White Specks		
	Description: Blue, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
59	905101171-28.2	*No*	NAD
YY	**Location:** Room 3089/VFT/12" Blue w/White Specks		
	Description: Black, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Cellulose 2. %, Non-fibrous 98. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
62	905101171-31	*No*	NAD
C	**Location:** Room 3003/SAFP/Overspray HVAC		
	Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
63	905101171-32	*No*	NAD
F	**Location:** Hall-1/Smooth Plaster/& Mud		
	Description: Beige, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
64	905101171-33	*No*	NAD
QQ	**Location:** Room 3028/Carpet Glue/Concrete Floor		
	Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 2. %, Non-fibrous 98. %		
65	905101171-34.1	*Yes*	< 1.%
NN1	**Location:** ROom 3043/12" VFT/M Gray w/White Specks		
	Description: White, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 100. %		
65	905101171-34.2	*Yes*	5 %
NN1	**Location:** ROom 3043/12" VFT/M Gray w/White Specks		
	Description: Black, Heterogeneous, Fibrous, Mastic		
	Asbestos Types: Chrysotile 5. %		
	Other Material: Non-fibrous 95. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
66	905101171-35.1	*No*	NAD
BBB	**Location:** Room 3063/12" VFT White/w/Blue & Green Specks		
	Description: Light Grey, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
66	905101171-35.2	*Yes*	< 1.%
BBB	**Location:** Room 3063/12" VFT White/w/Blue & Green Specks		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types: Chrysotile Trace		
	Other Material: Cellulose 2. %, Non-fibrous 98. %		
67	905101171-36.1	*No*	NAD
BBB	**Location:** Room 3063/12" VFT White/w/Blue & Green Specks		
	Description: Light Grey, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
67	905101171-36.2	*No*	NAD
BBB	**Location:** Room 3063/12" VFT White/w/Blue & Green Specks		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
68	905101171-37.1	*No*	NAD
BBB	**Location:** Room 3063/12" VFT White/w/Blue & Green Specks		
	Description: Light Grey, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
68 BBB	905101171-37.2	*No*	NAD
	Location: Room 3063/12" VFT White/w/Blue & Green Specks		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Cellulose 2. %, Non-fibrous 98. %		
69 CC	905101171-38.1	*No*	NAD
	Location: Room 3069/12" VFT/Light Muave		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
69 CC	905101171-38.2	*Yes*	4 %
	Location: Room 3069/12" VFT/Light Muave		
	Description: Black, Heterogeneous, Fibrous, Mastic		
	Asbestos Types: Chrysotile 4. %		
	Other Material: Non-fibrous 96. %		
70 CC	905101171-39.1	*No*	NAD
	Location: Room 3069/12" VFT/Light Muave		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
70 CC	905101171-39.2	*Yes*	4 %
	Location: Room 3069/12" VFT/Light Muave		
	Description: Black, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types: Chrysotile 4. %		
	Other Material: Non-fibrous 96. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
71	905101171-40.1	*No*	NAD
AAA	**Location:** Room 3055E/12" VFT/White w/Black Specks		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
71	905101171-40.2		NA
AAA	**Location:** Room 3055E/12" VFT/White w/Black Specks		
	Description: Mastic		
	Asbestos Types:		
	Other Material:		
72	905101171-41.1	*No*	NAD
AAA	**Location:** Room 3055E/12" VFT/White w/Black Specks		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
72	905101171-41.2		NA
AAA	**Location:** Room 3055E/12" VFT/White w/Black Specks		
	Description: Mastic		
	Asbestos Types:		
	Other Material:		
73	905101171-42.1	*No*	NAD
AAA	**Location:** Room 3055E/12" VFT/White w/Black Specks		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
73	905101171-42.2		NA
AAA	**Location:** Room 3055E/12" VFT/White w/Black Specks		
	Description: Mastic		
	Asbestos Types:		
	Other Material:		
74	905101171-43	*No*	NAD
DDD	**Location:** Room 3071/WBJC/Soffit		
	Description: Beige, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 10. %, Non-fibrous 90. %		
75	905101171-44.1	*No*	NAD
FF	**Location:** Room 1206/BCM/4" Brown		
	Description: Brown, Homogeneous, Non-Fibrous, Cove Base		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
75	905101171-44.2	*No*	NAD
FF	**Location:** Room 1206/BCM/4" Brown		
	Description: Cream, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
76	905101171-45	*No*	NAD
EEE	**Location:** Room 1200A/Plaster & Mud/Rough		
	Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
77	905101171-46	*No*	NAD
EEE	**Location:** Room 1200A/Plaster & Mud/Rough		
	Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
78	905101171-47	*No*	NAD
EEE	**Location:** Room 1200A/Plaster & Mud/Rough		
	Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
79	905101171-48	*No*	NAD
FFF	**Location:** Room 1205/White Wrap/&/Mastic Vent		
	Description: Black, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
80	905101171-49	*No*	NAD
GGG	**Location:** Room 1039/12" White w/Green & Yellow/VFT		
	Description: Beige, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
81	905101171-50.1	*No*	NAD
GGG	**Location:** Room 1039/12" White w/Green & Yellow/VFT		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
81	905101171-50.2	*No*	NAD
GGG	**Location:** Room 1039/12" White w/Green & Yellow/VFT		
	Description: Cream, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Cellulose 2. %, Non-fibrous 98. %		
82	905101171-51.1	*No*	NAD
GGG	**Location:** Room 1095 (Two Layers FT)/12" White w/Green & Yellow/(2 Layers)VFT		
	Description: Cream, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
82	905101171-51.2	*No*	NAD
GGG	**Location:** Room 1095 (Two Layers FT)/12" White w/Green & Yellow/(2 Layers)VFT		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Cellulose 5. %, Non-fibrous 95. %		
82	905101171-51.3	*Yes*	2 %
GGG	**Location:** Room 1095 (Two Layers FT)/12" White w/Green & Yellow/(2 Layers)VFT		
	Description: Tan, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types: Chrysotile 2. %		
	Other Material: Non-fibrous 98. %		
82	905101171-51.4	*Yes*	4 %
GGG	**Location:** Room 1095 (Two Layers FT)/12" White w/Green & Yellow/(2 Layers)VFT		
	Description: Black, Heterogeneous, Fibrous, Mastic		
	Asbestos Types: Chrysotile 4. %		
	Other Material: Non-fibrous 96. %		

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

PLM Bulk Asbestos Report

Winzler & Kelly Consulting Engineers
Attn: Gavin Abercrombie
3531 East Miraloma Ave.
Anaheim, CA 92806

Date Received 10/10/05 **AmeriSci Job No.**905101171
Date Examined 10/12/05 **P.O. #** 08607.05.004.78187
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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
83 HHH	905101171-52.1	*No*	NAD

Location: Room 1039/BCM/4" Light Brown
Description: Grey, Homogeneous, Non-Fibrous, Cove Base
Asbestos Types:
Other Material: Non-fibrous 100. %

83 HHH	905101171-52.2	*No*	NAD

Location: Room 1039/BCM/4" Light Brown
Description: Yellow, Homogeneous, Non-Fibrous, Mastic
Asbestos Types:
Other Material: Non-fibrous 100. %

84 III	905101171-53.1	*No*	NAD

Location: Room 1032/12" Lt Brown w/Red Trim/VFT
Description: Beige, Homogeneous, Non-Fibrous, Floor Tile
Asbestos Types:
Other Material: Non-fibrous 100. %

84 III	905101171-53.2	*Yes*	< 1.%

Location: Room 1032/12" Lt Brown w/Red Trim/VFT
Description: Clear/Yellow/Black, Heterogeneous, Fibrous, Mastic
Asbestos Types: Chrysotile Trace
Other Material: Cellulose 5. %, Non-fibrous 95. %

85 III	905101171-54.1	*No*	NAD

Location: Room 1032B/12" Lt Brown w/Red Trim/VFT
Description: Beige, Homogeneous, Non-Fibrous, Floor Tile
Asbestos Types:
Other Material: Non-fibrous 100. %

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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
85	905101171-54.2	*Yes*	2 %
III	**Location:** Room 1032B/12" Lt Brown w/Red Trim/VFT		
	Description: Black, Heterogeneous, Fibrous, Mastic		
	Asbestos Types: Chrysotile 2. %		
	Other Material: Non-fibrous 98. %		
86	905101171-55	*No*	NAD
JJJ	**Location:** Rm 1031 @ Door/12" VFT/M/Grey w/Black & White Specks		
	Description: Grey, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
87	905101171-56.1	*No*	NAD
HHH	**Location:** Room 1095/BCM/4" Light Brown		
	Description: Grey, Homogeneous, Non-Fibrous, Cove Base		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
87	905101171-56.2	*No*	NAD
HHH	**Location:** Room 1095/BCM/4" Light Brown		
	Description: Yellow/White, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
88	905101171-57.1	*No*	NAD
KKK	**Location:** Room 1054/4" BCM/Pink		
	Description: Pink, Homogeneous, Non-Fibrous, Cove Base		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
88	905101171-57.2	*No*	NAD
KKK	**Location:** Room 1054/4" BCM/Pink		
	Description: Cream, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
89	905101171-58	*No*	NAD
LLL	**Location:** Room 1054/12" Pink w/Beige Specks/VFT		
	Description: Pink, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
90	905101171-59	*No*	NAD
LLL	**Location:** Room 1054/12" Pink w/Beige Specks/VFT		
	Description: Pink, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
91	905101171-60.1	*No*	NAD
MMM	**Location:** (Two Layers) Room 1177/12" Green w/Dk Green/Specs VFT		
	Description: Green, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
91	905101171-60.2	*Yes*	< 1.%
MMM	**Location:** (Two Layers) Room 1177/12" Green w/Dk Green/Specs VFT		
	Description: Tan, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 100. %		

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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
92	905101171-61.1	*No*	NAD
MMM	**Location:** (Two Layers) Hall 101/12" Lt Green w/Dk Green/Specs VFT		
	Description: Green, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
92	905101171-61.2	*Yes*	< 1.%
MMM	**Location:** (Two Layers) Hall 101/12" Lt Green w/Dk Green/Specs VFT		
	Description: Tan, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 100. %		
92	905101171-61.3	*Yes*	4 %
MMM	**Location:** (Two Layers) Hall 101/12" Lt Green w/Dk Green/Specs VFT		
	Description: Black, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types: Chrysotile 4. %		
	Other Material: Non-fibrous 96. %		
93	905101171-62.1	*No*	NAD
NNN	**Location:** (Two Layers) Hall 101/12" White w/Green/Orange/& Red Specs VFT		
	Description: White, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
93	905101171-62.2	*Yes*	< 1.%
NNN	**Location:** (Two Layers) Hall 101/12" White w/Green/Orange/& Red Specs VFT		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 100. %		

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AmeriSci Job No. 905101171
P.O. # 08607.05.004.78187

RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
93	905101171-62.3	*Yes*	4 %
NNN	**Location:** (Two Layers) Hall 101/12" White w/Green/Orange/& Red Specs VFT		
	Description: Black, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types: Chrysotile 4. %		
	Other Material: Non-fibrous 96. %		
94	905101171-63.1	*No*	NAD
NNN	**Location:** (3 Layers) Rm 1186/12" White w/Green/Orange/& Red Specs VFT		
	Description: Light Pink, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
94	905101171-63.2	*No*	NAD
NNN	**Location:** (3 Layers) Rm 1186/12" White w/Green/Orange/& Red Specs VFT		
	Description: Cream, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
94	905101171-63.3	*No*	NAD
NNN	**Location:** (3 Layers) Rm 1186/12" White w/Green/Orange/& Red Specs VFT		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
94	905101171-63.4	*No*	NAD
NNN	**Location:** (3 Layers) Rm 1186/12" White w/Green/Orange/& Red Specs VFT		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
94	905101171-63.5	*Yes*	< 1.%
NNN	**Location:** (3 Layers) Rm 1186/12" White w/Green/Orange/& Red Specs VFT		
	Description: Tan, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 100. %		
94	905101171-63.6		NA/PS
NNN	**Location:** (3 Layers) Rm 1186/12" White w/Green/Orange/& Red Specs VFT		
	Description: Mastic		
	Asbestos Types:		
	Other Material:		
95	905101171-64.1	*No*	NAD
NNN	**Location:** Room 1177/12" White w/Green/Orange/& Red Specs VFT		
	Description: White, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
95	905101171-64.2	*Yes*	< 1.%
NNN	**Location:** Room 1177/12" White w/Green/Orange/& Red Specs VFT		
	Description: Tan, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 100. %		
96	905101171-65.1	*No*	NAD
A	**Location:** Room 1176/12" VFT Tan w/Specs/Under Carpet		
	Description: Cream, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
96	905101171-65.2	*Yes*	< 1.%
A	**Location:** Room 1176/12" VFT Tan w/Specs/Under Carpet		
	Description: Tan, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 100. %		
96	905101171-65.3	*Yes*	5 %
A	**Location:** Room 1176/12" VFT Tan w/Specs/Under Carpet		
	Description: Black, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types: Chrysotile 5. %		
	Other Material: Non-fibrous 95. %		
97	905101171-66	*No*	NAD
F	**Location:** Room 1183/Plaster & Mud/Smooth		
	Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 2. %, Non-fibrous 98. %		
98	905101171-67.1	*No*	NAD
OOO	**Location:** (Two Layers) Room 1194/12" Lt Blue w/White Specs/VFT		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
98	905101171-67.2	*No*	NAD
OOO	**Location:** (Two Layers) Room 1194/12" Lt Blue w/White Specs/VFT		
	Description: Blue, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
98	905101171-67.3	*No*	NAD
OOO	**Location:** (Two Layers) Room 1194/12" Lt Blue w/White Specs/VFT		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
99	905101171-68.1	*No*	NAD
PPP	**Location:** Room 1014/4" BCM/Dk Blue		
	Description: Black, Homogeneous, Non-Fibrous, Cove Base		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
99	905101171-68.2	*No*	NAD
PPP	**Location:** Room 1014/4" BCM/Dk Blue		
	Description: Cream, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
99	905101171-68.3	*No*	NAD
PPP	**Location:** Room 1014/4" BCM/Dk Blue		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Cellulose 2. %, Non-fibrous 98. %		
100	905101171-69.1	*No*	NAD
QQQ	**Location:** Room 1079/6" BCM/Burgandy		
	Description: Burgandy, Homogeneous, Non-Fibrous, Cove Base		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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RE 08607.05.004.78187; LACDPW; MLK/Drew-Hawkins Bldg

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100	905101171-69.2	*No*	NAD
QQQ	**Location:** Room 1079/6" BCM/Burgandy		
	Description: Beige, Heterogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
101	905101171-70.1	*No*	NAD
II	**Location:** Room 1157 @ Door/12" VFT/M/Light Tan		
	Description: Beige, Homogeneous, Non-Fibrous, Floor Tile		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
101	905101171-70.2	*No*	NAD
II	**Location:** Room 1157 @ Door/12" VFT/M/Light Tan		
	Description: Yellow, Homogeneous, Non-Fibrous, Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

Reporting Notes:

Analyzed By: Raymundo Orozco _____; Date Analyzed: 10/12/05

*NAD/NSD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94).

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Reviewed By: _____

9 05101171 -

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW

Date: 10- 5 -05

Location: MLK/Drew – Hawkins Bldg.

Project Number: 08607.05.004.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
41-32	Room 3112	TT	Black & GREEN STreaks	VSF	
-33	Rm - 3113	↓	↓	↓	
-34	Rm - 3115	↓	↓	↓	
-35	Room 3119	SS	VSF	BEIGE	
-36	↓	↓	↓	↓	
-37	Room - 3109	↓	↓	↓	
-38	Room - 3131	Z	2'x4' ACT	SMOOTH	
-39	Room - 3113	UU	6" BCM	Brown	
-40	↓	↓	↓	↓	
-41	↓	↓	↓	↓	

Analytical Method: PLM

Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.		CAT	10/5/05
2.	10/10/05 0840		
3.			

9051011171-

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW

Date: 10- 5 -05

Location: MLK/Drew – Hawkins Bldg.

Project Number: 08607.05.004.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
-42	Rm 3121	VV	VSF	Tan w/ Pebble Pattern	
-43	Room - 3096B	Y	VFT	Blue	
-44	Room - 3096A	WW	Lab Counter	Top	
-45	Room - 3097	X	VFT	12" Tan/Brown Speckled	
-46	Room - 3096	K	VFT 12" Light	Blue/White Speckled	
-47	Room - 3096	V	4" Bcm	Black	
-48	↓ ↓	U	Duct	Sealant	
-49	↓ ↓	L1	2'x4' ACT	Pinhole	
-50	Room 3095	J	12" Brown Mottled	VFT	
-51	Room 3095E	XX	2'x2' ACT	Brd Track	

Analytical Method: PLM Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.		CAT	10/5/05
2.	10/10/05 C0840		
3.			

905101171-

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

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CONSULTING ENGINEERS
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4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW

Date: 10- 5 -05

Location: MLK/Drew – Hawkins Bldg.

Project Number: 08607.05.004.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
52	Room 3069E	XX	2'x2' ACT	BirdTrack	
53	Room 3071	↓	↓	↓	
54	Room - 3095E	N	WBJC	ABOVE Ceiling	
55	Room - 3017	E	VSF	YELLOW STRIGED	
56	Room - 3019	L2	2'x4' ACT FISSURED-	PinHoles	
57	Room - 3017	L	2'x4' ACT PinHole	METAL W/ FIBERGLASS	
58	Room - 3089	G	VSF/M	BLUE STREAKED	
59	↓	YY	VFT	ALL BLUE W/ WHITE SPECKS	
60	Room - 3087B	↓	↓	↓	
61	Room - 3013B	↓	↓	↓	

Analytical Method: PLM

Turnaround Time: Same Day 24hr (48hr) 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anahelm, CA 92806*

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.	[signature]	CSST	10/5/05
2.	[signature] 10/10/05@0840		
3.			

905101171

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
4180 Ruffin Road, Suite 115
San Diego, CA 92123

3531 E. Miraloma Avenue
Anaheim, CA 92806

Client: LACDPW

Date: 10- 5 -05

Location: MLK/Drew – Hawkins Bldg.

Project Number: 08607.05.004.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
62	Room 3003	C	Sapp	Overspray Hwoe	
63	Hall - 1	F	Smooth plaster	& WWD	
64	Room - 3028	QQ	Carpet Glue	Concrete floor	
65	Room - 3043	NN1	12" VFT/M Gray w/	White Specks	
66	Room - 3063	BBB	12" VFT ~~Gray~~ White	w/ Blue & Green Specks	
67	↓	↓	↓	↓	
68	↓	↓	↓	↓	
69	Room - 3069	CC	12" VFT	Light Wave	
70	↓	↓	↓	↓	
71	Room 3055E	AAA	12" VFT	White w/ Black Specks	

Analytical Method: PLM

Turnaround Time: Same Day 24hr (48hr) 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.			10/5/05
2.	10/10/05 @ 0840		
3.			

9051011 71-

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

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CONSULTING ENGINEERS
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San Diego, CA 92123

Client: LACDPW

Date: 10- 5 -05

Location: MLK/Drew – Hawkins Bldg.

Project Number: 08607.05.004.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
72	Room 3055E	AAA	12" VFT	White w/ Black Specks	
73	↓	↓	↓	↓	
74	Room 3071	DDD	WBJC	SOFFIT	
75	Room - 1206	FF	BCM	4" Brown	
76	Room - 1206A	EEE	Plaster & Mud	Porch	
77	↓	↓	↓	↓	
78	↓	↓	↓	↓	
79	Room - 1205	FFF	White WRP/E	mastic VENT	
80	Room - 1039	GGG	12" White w/ Green & Yellow	VFT	
81	Room - 1039	↓	↓	↓	

Analytical Method: PLM Turnaround Time: Same Day 24hr (48hr) 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.		CST	10/5/05
2.	10/10/05 @ 0840		
3.			

905101171-

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
Anaheim, CA 92806
4180 Ruffin Road, Suite 115
San Diego, CA 92123

Client: LACDPW

Date: 10- 7 -05

Location: MLK/Drew – Hawkins Bldg.

Project Number: 08607.05.004.78187

Collected By: G. Abercrombie

CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
82	Room - 1095 (Two layers FT)	CCCC	12" White w/ Green & Yellow	~~(Two layer)~~ (2 layers) VFT	
83	Room. 1039	HHH	BCM	4" light Brown	
84	Room - 1032	III	12" LT Brown w/ Red Trim	VFT	
85	Rm - 1032B	↓	↓	↓	
86	Remote Door	JJJ	D=V+T/M	Gray w/ Black & white specks	
87	Room - 1095	HHH	BCM	4" light Brown	
88	Room - 1054	KKK	4" BCM	Pink	
89	↓	LLL	12" Pink w/ Beige Specs	VFT	
90	↓	↓	↓	↓	
91	Room - 1177 (Two layers)	MMM	12" LT Green w/ DK Green	Specs VFT	

Analytical Method: PLM

Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.		CST	10/7/05
2.	10/10/05 @ 0840		
3.			

9051011 71-

ANALYZE TO 1ST POSITIVE

Asbestos Bulk Sample Log

WINZLER & KELLY
CONSULTING ENGINEERS
3531 E. Miraloma Avenue
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4180 Ruffin Road, Suite 115
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CAC or SST No: 00-2861

Sample No.	Sample Location	Homo Area I.D.	Material	Description	Quantity (SF/LF)
92	(Two layers) Hall 101	MMM	12" LT Green w/ Dk Green	Specs VFT	
93	(Two layers)	NNN	12" white w/ Green/Orange	& Red Specs VFT	
94	(3 layers) & Rm - 1186				
95	Room - 1177				
96	Room - 1176	A	12" VFT Tan w/ Specs	under Carpet	
97	Room 1183	F	Plaster & Mud	Smooth	
98	(Two layers) Room - 1194	OOO	12" LT Blue w/ White Specs	VFT	
~~99~~	Room - 1014	PPP	4" Bem	Bk Blue	
100	Rm - 1179	QQQ	4&6" Bem	Burgundy	
101	Rm 1157 @ Door	II	12" VFT/M	Light Tan	

Analytical Method: PLM

Turnaround Time: Same Day 24hr 48hr 3 day

Sample Receiver: Winzler & Kelly Consulting Engineers – *3531 E. Miraloma Avenue Anaheim, CA 92806*

CHAIN OF CUSTODY:

	Signature	Title	Inclusive Dates
1.			10/7/05
2.	10/10/05 0840		
3.			