

STATE OF CALIFORNIA DEPARTMENT OF GENERAL SERVICES



REAL ESTATE SERVICES DIVISION
PROJECT MANAGEMENT AND DEVELOPMENT BRANCH

REFERENCE DOCUMENTS

FINAL WATER INTRUSION ASSESSMENT AND ASBESTOS SURVEY

FOR:

DSH METROPOLITAN SNF BLDG REPAIR PROJECT

DEPARTMENT OF STATE HOSPITALS

11401 BLOOMFIELD AVE

**NORWALK, LOS ANGELES COUNTY, CALIFORNIA
90650**

Thomas Brunet, Project Director
West Sacramento, California

Consultants: J C Chang and Associates, Inc.

May 2022

DGS00000142412C



1.0 PROJECT INFORMATION

Building Surveyor(s):	<u>Steven Modtland</u>
Site Visit Dates:	<u>12/30/21, 12/31/21, 1/3/22 to 1/6/22</u>
Building Name:	<u>Skilled Nursing Facility (SNF) Building</u>
Building Description:	<u>Single-story, skilled nursing facility</u>
Street Address:	<u>11400 Norwalk Boulevard</u>
City/State/Zip:	<u>Norwalk, CA 90650</u>
Project Objectives:	<ol style="list-style-type: none">1. Conduct observations for visible mold growth and water intrusion suitable for mold growth on the interior. A Delmhorst moisture meter and Fluke TiR1 thermal camera was used during the assessment to determine materials/components with excessive moisture.2. Conduct indoor airborne, nonviable fungal sampling, and compare the results to outdoor air samples.3. Collect tape-lift samples of suspect visible mold growth observed on the interior surfaces.4. Collect asbestos bulk samples of water damaged materials that were not previously sampled in Panacea's 2014 asbestos survey report. The results are summarized in Section 7.0 of this report. For detailed survey results, see Panacea's February 2022 asbestos survey report (Panacea, 2022).

2.0 ABBREVIATIONS AND DEFINITIONS (WHERE APPLICABLE)

-- = Unknown; information not provided and/or not obtained prior to issuance of the report

~ = Approximately; SF = Square feet; LF = Linear feet; > = Greater than; < = Less than

AHU = Air handling unit; AC = Air conditioner; HVAC = Heating, ventilation, and air conditioning

CFU = Colony forming units; Total CFU/m³ = total number of CFU per cubic meter of air

EIFS = Exterior insulation and finish system

IAQ = indoor air quality

Moisture Content Interpretations (using a Delmhorst Instrument Co. Model BD-2100 moisture meter)

In Wood Scale:

- Sufficiently Dry = 6% to <15% moisture content (MC)
- Borderline Dry = 15% to 17% MC
- Excessive Moisture = >17% MC

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- In Gypsum Wallboard (Drywall) Scale:
Sufficiently Dry = 0% to <0.5% MC
Borderline Dry = 0.5% to 1% MC
Excessive Moisture = >1% MC
- In All Other Materials (e.g., Concrete, Plaster, Carpet, Wallpaper) 0 to 100 Reference Scale:
Sufficiently Dry = At or below the MC of a dry, corresponding, reference material (material known to not be impacted by moisture intrusion)
Excessive Moisture = Above the MC of a dry, corresponding, reference material
NA = Not applicable

T = Temperature in degrees Fahrenheit; RH = Relative humidity in percentage

Total spores/m³ = Total number of spores per cubic meter of air

Y = Yes, N = No

3.0 BUILDING CONSTRUCTION

Year building was completed:	<u>1959</u>
Year building was renovated:	<u>Unknown</u>
Floor area:	<u>~64,338 SF</u>
Sprinkler system:	<u>Yes</u>
Fire/life safety system:	<u>Yes (fire alarm system)</u>
Interior partitions:	<u>Plaster walls, plaster/gypsum (drywall) ceilings, ceiling tiles.</u>
Exterior:	<u>Unknown</u>
Roof:	<u>New roof being installed.</u>

4.0 CURRENT AND PAST FIRE / WATER DAMAGE

FIRE DAMAGE (CURRENT OR PAST)

Building Damaged by Fire?	<u>None</u>
Cause of Fire:	<u></u>
Date Fire Occurred:	<u></u>
Extent of Fire Damage:	<u></u>
Floors/Areas Damaged:	<u></u>

WATER DAMAGE (CURRENT OR PAST)

Building Damaged by Water?	<u>None</u>
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Cause of Water Intrusion:	Installation of new roof was not completed and the unsealed roof was exposed to seasonal rain.
Date Water Damage Discovered:	July 26, 2021 to present.
Extent of Water Damage:	Various areas throughout building. See Section 5.0, Table 1.
Remediation Method(s):	Water-damaged ceilings were removed from various areas throughout the building in October 2021. Fans and dehumidifiers were also setup in various areas. Removal of water ponding from the floor was performed by Department of General Services (DGS) personnel whenever ponding was observed. However, the new roof installation was not completed. Therefore, continuous water intrusion is anticipated during raining events.

5.0 VISUAL OBSERVATIONS AND ASSESSMENTS

The visual observations of water intrusion and/or water-damaged materials on the interior of the SNF building are presented in Table 1 below and shown on Figures 1 to 14.

**TABLE 1
VISUAL OBSERVATION – SNF BUILDING**

MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Plaster wall with bubbling paint	Unit A: two locations on east wall in hallway west of mechanical equipment room (Room 142). See Figure 2.	12	Yes	No	Remove bubbling paint. Dry plaster wall.
Plaster wall with bubbling paint	Unit A: one location on south wall in hallway south of mechanical equipment room (Room 142). See Figure 2.	6	Yes	No	Remove bubbling paint. Dry plaster wall.
Plaster ceiling	Unit A: mechanical equipment room (Room 142). See Figure 1.	700	Yes	No	Remove plaster ceiling.
Plaster ceiling with bubbling paint	Unit A: north portion of Room 143. See Figure 1.	430	Yes	No	Remove plaster ceiling.
Drywall ceiling	Unit A: west portion of Room 147 (outside Room 145). See Figure 1.	60	Yes	No	Remove drywall ceiling with excessive moisture.
Plaster wall with bubbling paint	Unit A: west wall in Room 143. See Figure 2.	110	Yes	No	Remove bubbling paint. Dry plaster wall.
Plaster ceiling with bubbling paint	Unit A: ceiling above sinks in Room 123. See Figure 1.	30	Yes	No	Remove bubbling paint. Dry plaster ceiling.
Drywall ceiling	Unit A: around vent cover on south portion of Room 144. See Figure 1.	4	Yes	No	Remove drywall ceiling with excessive moisture.
Plaster ceiling with 1'x1' ceiling tiles (water-stained)	Unit A: two locations in Room 149. One location is on the east portion of room and second location is on the south portion of room. See Figure 1.	50	Yes	Yes	Remove ceiling tiles. Dry plaster ceiling.
Plaster ceiling with 1'x1' ceiling tiles (water-stained)	Unit A: hallway outside east wall of Room 149. See Figure 1.	10	Yes	Yes	Remove ceiling tiles. Dry plaster ceiling.
Plaster ceiling with 1'x1' ceiling tiles (water-stained)	Unit A: Room 101 and south portion of Room 103 above carpeted area. See Figure 1.	140	Yes	Yes	Remove ceiling tiles. Dry plaster ceiling.

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MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit A: hallway south of mechanical equipment room (Room 142). See Figure 3.	140	Not Applicable	No	Remove all floor tiles and black mastic in hallway south of mechanical room (Room 142). The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', light gray with gray and white specks	Unit A: hallway outside Rooms 143, 147, and 148. See Figure 3.	860	Not Applicable	No	Remove all floor tiles and black mastic in hallway outside Rooms 143, 147, and 148. The floor tiles and black mastic contain >1% asbestos.
Lifting floor tiles, 1'x1', tan with brown streaks	Unit A: two locations in Room 148. One location is on the north portion of room and second location is on the south portion of room. See Figure 3.	200	Not Applicable	No	Remove lifting floor tiles and black mastic in two locations in Room 148. The floor tiles and black mastic contain >1% asbestos.
Blue carpet	Unit A: Room 101. See Figure 3.	45	Yes	No	Dry and clean carpet.
Water-stained 1'x1' ceiling tile	Unit 417: east portion of Room 156. See Figure 4.	1	No	No	Remove water-stained ceiling tile.
Drywall ceiling with 1'x1' ceiling tiles	Unit 417: one location on east portion of hallway outside Room 142. See Figure 4.	10	Yes	No	Remove drywall ceiling and ceiling tiles with excessive moisture.
Drywall ceiling with 1'x1' ceiling tiles	Unit 417: around vent cover on southeast portion of Room 152. See Figure 4.	4	Yes	Yes	Remove drywall ceiling and ceiling tiles with excessive moisture.
Plaster wall with bubbling paint	Unit 417: east wall of hallway outside Room 141. See Figure 5.	4	Yes	No	Remove bubbling paint. Dry plaster wall.
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 417: north portion of hallway starting outside Rooms 140 and 153. Two layers of drywall are present in the hallway and included in the water damage quantity. See Figure 4.	3,700	Yes	Yes	Remove drywall ceiling and ceiling tiles with excessive moisture.

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MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 417: Rooms 109, 110, 114, 115, 116, 117, 118, 126, 127, 129, 130, 132, 136, 139 and west portion of Room 128. See Figure 4.	2,800	Yes	Yes	Remove drywall ceilings in all rooms listed. Remove the drywall ceiling on the west portion of Room 128.
Drywall ceiling with 1'x1' ceiling tiles	Unit 417: two locations on the east portion of Room 150. See Figure 4.	40	Yes	Yes	Remove drywall ceiling and ceiling tiles with excessive moisture.
Plaster ceiling with 1'x1' ceiling tiles	Unit 417: Room 104. 50% of the ceiling has 1'x1' ceiling tiles remaining. See Figure 4.	210	Yes	No	Remove plaster ceiling.
Plaster ceiling	Unit 417: Room 102. See Figure 4.	40	Yes	No	Remove plaster ceiling.
Plaster ceiling with 1'x1' ceiling tiles	Unit 417: Room 101. The ceiling was removed in three locations. See Figure 4.	1,400	Yes	Yes	Remove plaster ceiling.
Plaster wall with bubbling paint	Unit 417: west of door in Room 115. See Figure 5.	20	Yes	No	Remove bubbling paint. Dry plaster wall.
Plaster wall with bubbling paint	Unit 417: above door in hallway leading to Room 150. See Figure 5.	2	Yes	No	Remove bubbling paint. Dry plaster wall.
Plaster wall with bubbling paint	Unit 417: above and to the lower right of door in hallway leading to Room 135. See Figure 5.	6	Yes	No	Remove bubbling paint. Dry plaster wall.
Plaster wall with bubbling paint	Unit 417: hallway outside west wall of Room 134. See Figure 5.	40	Yes	No	Remove bubbling paint. Dry plaster wall.
Plaster wall with bubbling paint	Unit 417: two walls north of sink (adjacent to Room 132) and west wall in Room 134. See Figure 5.	180	Yes	No	Remove bubbling paint. Dry plaster wall.
Plaster wall with bubbling paint	Unit 417: four locations in hallway outside Room 104. See Figure 5.	20	Yes	No	Remove bubbling paint. Dry plaster wall.
Wood base on cabinets	Unit 417: cabinets on the east and west sides of Room 104. See Figure 5.	20	Yes	No	Dry wood base of cabinet.

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MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Fiberboard wall with joint compound	Unit 417: wall dividing hallway into two (2) sections, outside Room 112. See Figure 5.	140	Yes	No	Remove fiberboard on both sides of wall dividing hallway.
Light fixtures filled with water	Unit 417: Room 133. See Figure 4.	2 fixtures	Not Applicable	No	Drain water and dispose of light fixtures.
Light fixture filled with water	Unit 417: Room 118. See Figure 4.	1 fixture	Not Applicable	No	Drain water and dispose of light fixture.
Light fixture filled with water	Unit 417: east portion of Room 117. See Figure 4.	1 fixture	Not Applicable	No	Drain water and dispose of light fixture.
Light fixtures filled with water	Unit 417: hallway outside Rooms 110 and 112. See Figure 4.	2 fixtures	Not Applicable	No	Drain water and dispose of light fixtures.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 417: Room 136. See Figure 6.	160	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 417: Room 118. See Figure 6.	160	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 417: Room 117. See Figure 6.	330	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 417: hallway outside Rooms 117 and 118. See Figure 6.	540	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: southeast corner of Room 145. See Figure 7.	20	Yes	Yes	Remove drywall ceiling and ceiling tiles with excessive moisture.
Plaster ceiling with bubbling paint	Unit 418: Room 146. See Figure 7.	130	Yes	No	Remove bubbling paint. Dry plaster ceiling.
Drywall ceiling with 1'x1' ceiling tiles	Unit 418: one location on the central portion of Room 141. See Figure 7.	12	Yes	Yes	Remove drywall ceiling and ceiling tiles with excessive moisture.

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MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: Room 140. See Figure 7.	300	Yes	Yes	Remove drywall ceiling.
Drywall ceiling with 1'x1' ceiling tiles	Unit 418: Room 156. See Figure 7.	50	Yes	Yes	Remove drywall ceiling.
Drywall ceiling with 1'x1' ceiling tile (water-stained)	Unit 418: one location on the southwest portion of Room 151. See Figure 7.	1	Yes	No	Remove ceiling tile. Dry ceiling.
Water-stained 1'x1' ceiling tile	Unit 418: east portion of Room 150. See Figure 7.	1	No	No	Remove water-stained ceiling tile.
Plaster ceiling	Unit 418: south portion of Room 104. See Figure 7.	100	Yes	No	Remove plaster ceiling.
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: Rooms 114, 115, 116, 118, east portion of Room 117, and hallway outside these rooms. Two layers of drywall are present in the hallway and included in the water damage quantity. See Figure 7.	2,000	Yes	No	Remove drywall ceilings in Rooms 114, 115, 116, and 118. Remove a portion of the drywall ceilings in Room 117 and hallway.
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: hallway outside Room 111. See Figure 7.	2	Yes	No	Remove ceiling tiles. Dry ceiling.
Plaster ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: east portion of Room 101. See Figure 7.	140	Yes	Yes	Remove plaster ceiling along entire east wall in Room 101.
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: east portion of Room 128. Excessive moisture in the drywall ceiling start at the door and continues to the east wall. See Figure 7.	200	Yes	No	Remove drywall ceiling and ceiling tiles with excessive moisture.
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: east portion of Room 130. Excessive moisture in the drywall ceiling starts at the end of first window and continues to the east wall. See Figure 7.	90	Yes	Yes	Remove drywall ceiling and ceiling tiles with excessive moisture.
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: Room 129. See Figure 7.	330	Yes	No	Remove drywall ceiling.

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MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: central portion of Room 127. Excessive moisture in the drywall ceiling starts at the second window from the west wall and continues east for thirteen (13) feet. See Figure 7.	150	Yes	Yes	Remove drywall ceiling and ceiling tiles with excessive moisture.
Plaster ceiling	Unit 418: above sink on the north portion of Room 124. See Figure 7.	20	Yes	No	Dry plaster ceiling.
Countertop with cabinets	Unit 418: east wall in Room 104. See Figure 8.	40	Yes	No	Remove countertop and cabinets.
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 418: a portion of hallway between Rooms 128 and 129. Two layers of drywall are present in the hallway and were included in the water damage quantity. See Figure 7.	800	Yes	No	Remove drywall ceiling and ceiling tiles with excessive moisture.
Wood base on cabinet	Unit 418: south wall in Room 148. See Figure 8.	1 cabinet	Yes	No	Dry wood base of cabinet.
Plaster wall with bubbling paint	Unit 418: southeast corner of Room 101 on south wall. See Figure 8.	5	Yes	No	Remove bubbling paint. Dry plaster wall.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 418: Room 145. See Figure 9.	230	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 418: Room 116. See Figure 9.	380	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 418: a portion of Room 101 between the east and west doors. See Figure 9.	560	Not Applicable	No	Remove lifting floor tiles and black mastic between the east and west doors in Room 101. The black mastic contains >1% asbestos.
Shelves	Unit 419: north wall in Room 142. See Figure 11.	4 shelves	Yes	No	Remove shelves.

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MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Drywall ceiling with 1'x1' ceiling tiles	Unit 419: north portion of Room 142 above countertop and shelves. See Figure 10.	50	Yes	No	Remove drywall ceiling and ceiling tiles with excessive moisture.
Countertop with cabinets	Unit 419: north wall in Room 142. See Figure 11.	70	Yes	No	Remove countertop and cabinets.
Plaster wall	Unit 419: north wall in Room 142. See Figure 11.	70	Yes	No	Dry plaster wall.
Water-stained 1'x1' ceiling tiles	Unit 419: Room 154. See Figure 10.	9	No	No	Remove water-stained ceiling tiles.
Water-stained 1'x1' ceiling tiles	Unit 419: Room 153. See Figure 10.	18	No	No	Remove water-stained ceiling tiles.
Drywall ceiling with 1'x1' ceiling tiles	Unit 419: northwest corner of Room 140. See Figure 10.	90	Yes	No	Remove drywall ceiling and ceiling tiles with excessive moisture.
Drywall ceiling with 1'x1' ceiling tiles	Unit 419: northwest corner of Room 139. See Figure 10.	40	Yes	No	Remove drywall ceiling and ceiling tiles with excessive moisture.
Drywall ceiling with 1'x1' ceiling tiles	Unit 419: west portion of Room 151. See Figure 10.	30	Yes	No	Remove drywall ceiling and ceiling tiles with excessive moisture.
Light fixtures filled with water	Unit 419: Rooms 135, 149, and 153. See Figure 10.	3 fixtures	Not Applicable	No	Drain water and dispose of light fixtures.
Plaster wall	Unit 419: north wall in Room 132. See Figure 11.	60	Yes	No	Dry plaster wall.
Drywall ceiling with 1'x1' ceiling tiles (water-stained)	Unit 419: Room 132. See Figure 10.	24	Yes	No	Remove drywall ceiling.

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MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Plaster walls with bubbling paint	Unit 419: three walls on southeast corner of Room 134. Excessive moisture in the plaster begins at the sink and continues to the two walls south of sink and ends at doorway. See Figure 11.	100	Yes	No	Remove bubbling paint. Dry plaster walls.
Countertop with cabinets	Unit 419: a section of countertop and cabinets on the northwest portion of Room 104. See Figure 11.	20	Yes	No	Remove countertop and cabinets.
Plaster ceiling with water-staining	Unit 419: central portion of Room 149. See Figure 10.	20	Yes	No	Dry plaster ceiling and apply new coat of paint to cover water-staining.
Plaster wall with bubbling paint	Unit 419: south wall in Room 150. See Figure 11.	40	Yes	No	Remove bubbling paint. Dry plaster wall.
Plaster walls	Unit 419: plaster walls on three (3) sides of sink on the north portion of Room 148. See Figure 11.	130	Yes	No	Dry plaster walls.
Shelves	Unit 419: north wall in Room 148. See Figure 11.	2 shelves	Yes	No	Remove shelves.
Countertop with cabinets	Unit 419: north wall in Room 148. See Figure 11.	10	Yes	No	Remove countertop and cabinets
Water-stained 1'x1' ceiling tiles	Unit 420: Room 110. See Figure 12.	1	No	No	Remove water-stained ceiling tile.
Water-stained 1'x1' ceiling tiles	Unit 420: Room 122. See Figure 12.	24	No	No	Remove water-stained ceiling tiles.
Plaster ceiling	Unit 420: one location on east portion of Room 104. See Figure 12.	10	Yes	No	Dry plaster ceiling.
Plaster wall with bubbling paint	Unit 420: under the far east window on south wall of Room 101. See Figure 13.	30	Yes	No	Remove bubbling paint. Dry plaster wall.
Bubbling paint on concrete wall	Unit 420: southeast corner of Room 143 on south wall. See Figure 13.	5	No	No	Remove bubbling paint on concrete wall.

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MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Drywall ceiling with 1'x1' ceiling tiles	Unit 420: Room 151. See Figure 12.	130	Yes	No	Remove drywall ceiling.
Plaster ceiling with bubbling paint	Unit 420: Room 146. See Figure 12.	130	Yes	No	Remove bubbling paint. Dry plaster ceiling.
Plaster ceiling	Unit 420: Room 147. See Figure 12.	70	Yes	No	Dry plaster ceiling.
Drywall ceiling with 1'x1' ceiling tiles	Unit 420: two locations in Room 157. One location is on the west portion of room and second location is on the east portion of room. See Figure 12.	40	Yes	No	Remove drywall ceiling and ceiling tiles with excessive moisture.
Plaster wall	Unit 420: under the window on east wall in Room 157. See Figure 13.	20	Yes	No	Dry plaster wall.
Plaster wall with bubbling paint and water-staining	Unit 420: east wall in Room 156. See Figure 13.	40	Yes	No	Remove bubbling paint. Dry plaster wall.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 420: along east wall in Room 157. See Figure 14.	20	Not Applicable	No	Remove lifting floor tiles and black mastic along the east wall in Room 157. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 420: Room 156. See Figure 14.	100	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 420: Room 118. See Figure 14.	150	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 420: Room 129. See Figure 14.	330	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 420: southeast corner of Room 130. See Figure 14.	16	Not Applicable	No	Remove lifting floor tiles and black mastic. The black mastic contains >1% asbestos.

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MATERIAL/COMPONENT	LOCATION	WATER DAMAGE (SF)	EXCESSIVE MOISTURE	MOLD PRESENT	RECOMMENDATION
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 420: east portion of Room 117 (lifting floor tiles start after the first window on north wall). See Figure 14.	170	Not Applicable	No	Remove lifting floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 420: hallway east of Room 104. Lifting floor tiles end after the door leading to Room 129. See Figure 14.	300	Not Applicable	No	Remove lifting floor tiles and black mastic. The black mastic contains >1% asbestos.
Lifting floor tiles, 1'x1', brown with dark brown specks	Unit 420: Room 101. See Figure 14.	1,700	Not Applicable	No	Remove all floor tiles and black mastic. The black mastic contains >1% asbestos.
Fiberglass insulation on ducts and pipes	Throughout this building.	Unknown	Yes	No	Dry the fiberglass insulation on ducts and pipes.

Notes:

1. A California-certified asbestos abatement contractor is required to remove lifting floor tiles and/or black mastic because they contain greater than 1% asbestos.
2. In areas where ceiling and wall materials are removed, the framing shall be left in place.

6.0 FUNGI ASSESSMENT

6.1 EVALUATION CRITERIA

Microorganisms (fungi and bacteria) are either multicellular or single-cell organisms found in nature. The fungi usually produce one to many resistant spore stages during each life cycle. On the other hand, not all bacteria can produce spores. If these spores become airborne, they can cause respiratory disease. For mold spores to become an indoor air quality (IAQ) problem, four conditions must exist:

- A reservoir or suitable environment (e.g., a puddle of settled water, consistently damped area, high relative humidity),
- A source of nourishment (e.g., organic particles settled in a drip pan, paper backing of wallboard panels),
- Amplification (growth of the microorganism), and
- A distribution system (e.g., heating, ventilation, and air conditioning [HVAC] unit, natural air current).

Some fungal spores can cause disease only when they are alive (viable), while others can produce allergies or irritation even when no longer living. Also, while cultures may permit greater accuracy in speciating some fungal organisms present, spores vary widely in their ability to grow and compete on laboratory media. This may result in an inaccurate characterization of the area sampled. Therefore, a complete sampling protocol for the microbial flora in any environment uses both culturable and nonculturable sampling methods. There are times when it is not possible to follow this complete protocol due to time and budget constraints. In these cases, nonculturable spore trap samples provide a more accurate “snapshot” of the air and are usually the better of the two choices when only one sampling method is used.

Nonculturable (nonviable) spore trap samples are collected by drawing approximately 15 liters per minute of air through a trapping medium for approximately five (5) minutes. The collection surface is a coated glass slide. Particles in the air (e.g., spores, dust) impact the sticky surface and are “trapped” for later analysis. The nonculturable spore trap analysis counts nonviable and viable spores.

Culturable (viable) samples are collected by drawing approximately 28 liters per minute of air through an Anderson impaction sampler for approximately three (3) minutes. The particulate with ideal aerodynamic characteristics and drawn at an optimal flow rate will deposit on nutrient agar plates. Then the plates are submitted to the laboratory for cultivation and analysis.

Currently, there are no regulations establishing “safe” levels of molds in indoor air. Because mold spores are always present both indoors and outdoors, it is the excessive quantity of indoor spores that becomes a concern. In general, indoor air spore concentrations are expected to be lower than or equal to outdoor spore concentrations when no additional mold spores have been introduced by significant indoor mold growth. In general, we consider the following when evaluating gathered data:

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- Compare indoor and outdoor sample concentrations.
- Expect indoor spore counts to be lower than or within statistical variance of outdoor spore counts, with the similar general distribution and ranking of genus types present.
- Evaluate site-specific conditions such as building type, presence of pets or plants, activity level, housekeeping practices, weather conditions, and any unusual conditions present at the time of the sampling.
- Recognize that variation is an inherent part of any air sampling. Therefore, the presence or absence of a few fungi in small numbers should not be considered abnormal in most cases.

In addition to the above considerations and for investigative purposes or following an emergency response to a water leak, we use the following evaluation criteria:

- Total indoor spore concentrations are equal to or lower than the outdoor (background) spore concentration. However, higher indoor versus outdoor concentrations (within one to five times depending on the site conditions) may not indicate amplified fungi growth.
- A good correlation exists between various genera/species and/or genera/species concentrations found in outdoor versus indoor samples.

6.2 NONVIABLE AIR SAMPLE RESULTS

A total of 28 air samples (25 indoor plus three outdoor samples) were collected from the SNF building and submitted to SGS Forensic Laboratories for direct microscopic analysis for fungal spores.

The following Table 2 summarizes the analytical results for collected samples.

See attachments for additional information on the sample locations (Figures 15 and 16), laboratory reports, and chain-of-custody records.

TABLE 2 – NONVIABLE AIR SAMPLE RESULTS

SAMPLE NO.	LOCATION	TOTAL SPORES/M ³	MULTIPLE ¹ GREATER
XL20211230-N-1	Outdoor (Background) Sample – outside entrance to Room 101 in Unit A	8,900	Baseline Concentration
XL20211230-N-2	Indoor Sample – Unit 417, Room 101	7,400	<1x
XL20211230-N-3	Indoor Sample – Unit 417, Room 116	3,700	<1x

**FINAL
WATER INTRUSION ASSESSMENT AND
ASBESTOS SURVEY SUMMARY**

SAMPLE NO.	LOCATION	TOTAL SPORES/M³	MULTIPLE¹ GREATER
XL20211230-N-4	Indoor Sample – Unit 417, Room 129	2,500	<1x
XL20211230-N-5	Indoor Sample – Unit 417, Room 156	4,200	<1x
XL20211230-N-6	Indoor Sample – Unit 418, Room 145	4,200	<1x
XL20211230-N-7	Indoor Sample – Unit 418, Room 150	1,300	<1x
XL20211230-N-8	Indoor Sample – Unit 418, Room 129	1,100	<1x
XL20211230-N-9	Indoor Sample – Unit 418, hallway outside Room 116	1,700	<1x
XL20211230-N-10	Indoor Sample – Unit 418, Room 115	900	<1x
XL20211230-N-11	Indoor Sample – Unit 417, hallway outside Room 152	1,900	<1x
XL20211230-N-12	Indoor Sample – Unit A, Room 158	4,100	<1x
XL20211230-N-13	Indoor Sample – Unit A, Room 148	4,000	<1x
XL20211230-N-14	Indoor Sample – Unit A, hallway outside Room 123	9,900	1.1x
XL20211230-N-15	Indoor Sample – Unit A, Room 124	4,700	<1x
XL20211230-N-16	Indoor Sample – Unit A, Room 142	2,900	<1x
XL20211230-N-17	Outdoor (Background) Sample – outside entrance to Room 101 in Unit A	1,300	Not Used. See XL20211230-N-1.
XL20211230-N-18	Indoor Sample – Unit 419, Room 142	300	<1x
XL20211230-N-19	Indoor Sample – Unit 419, Room 153	550	<1x
XL20211230-N-20	Indoor Sample – Unit 419, Room 129	2,000	<1x
XL20211230-N-21	Indoor Sample – Unit 419, Room 104	540	<1x

**FINAL
WATER INTRUSION ASSESSMENT AND
ASBESTOS SURVEY SUMMARY**

SAMPLE NO.	LOCATION	TOTAL SPORES/M³	MULTIPLE¹ GREATER
XL20211230-N-22	Indoor Sample – Unit 419, Room 116	960	<1x
XL20211230-N-23	Indoor Sample – Unit 420, Room 156	2,100	<1x
XL20211230-N-24	Indoor Sample – Unit 420, Room 117	900	<1x
XL20211230-N-25	Indoor Sample – Unit 420, Room 104	1,200	<1x
XL20211230-N-26	Indoor Sample – Unit 420, Room 101	1,800	<1x
XL20211230-N-27	Indoor Sample – Unit 420, Room 128	30	<1x
XL20211230-N-28	Outdoor (Background) Sample – outside entrance to Room 101 in Unit A	4,900	Not Used. See XL20211230-N-1.

Note:

1. Multiple Greater = Ratio of indoor to outdoor spore concentrations. The highest outdoor sample concentration (XL20211230-N-1) was used as the baseline concentration.

6.3 TAPE-LIFT SAMPLE RESULTS

A total of two tape-lift samples were collected from the SNF building and submitted to SGS Forensic Laboratories for direct microscopic analysis for fungal spores.

The following Table 3 summarizes the analytical results for collected samples.

See attachments for additional information on the sample locations (Figure 15), laboratory reports, and chain-of-custody records.

TABLE 3 – TAPE-LIFT SAMPLE RESULTS

SAMPLE NO.	LOCATION	SPORES OBSERVED	RELATIVE DENSITY
T-1	Indoor Sample – Unit 417, Room 136, back of ceiling tile	Cladosporium	Minor
		Hyphae	Major
		Penicillium / Aspergillus	Abundant

**FINAL
WATER INTRUSION ASSESSMENT AND
ASBESTOS SURVEY SUMMARY**

SAMPLE NO.	LOCATION	SPORES OBSERVED	RELATIVE DENSITY
T-2	Indoor Sample – Unit 417, Room 101, front of ceiling tile	Cladosporium	ND
		Hyphae	Abundant
		Penicillium / Aspergillus	Abundant

Note:

1. Relative Density
 ND = None Detected.
 Minor = Present but not in large quantity.
 Major = Present in most of the sample.
 Abundant = Covering almost entire sample.

6.4 EVALUATION AND CONCLUSIONS

Based on the information obtained during this assessment, laboratory analytical results, current regulatory guidelines or laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, the following evaluation and conclusions were made.

- The higher of the three outdoor sample concentrations (total or specific genera) for the samples was used to compare with indoor sample concentrations.
- Total indoor concentrations were at or below at least one outdoor concentration, except for Sample No. XL20211230-N-14 which was approximately 1.1 times higher. The 1.1 times higher concentration of this sample was judged to be within statistical variations between samples.
- Three dominant genera (Basidiospores, Cladosporium, and Penicillium/Aspergillus) in the outdoor samples were also observed in the indoor samples, but in different dominant orders. A good correlation generally exists between outdoor and indoor concentrations, except for Sample XL20211230-N-5 where Penicillium/Aspergillus concentration was 10 times higher than the outdoor. The 10 times higher concentration of Penicillium/Aspergillus genera suggests that there was elevated airborne spores in this location.
- Specific Genera Concentrations –The specific indoor genera concentrations were within three (3) times than outdoor concentrations, except for Sample XL20211230-N-5 as discussed above.
- Total Spore Concentrations – The total spore concentrations for indoor samples ranged from 30 to 9,900 spores/m³ and for outdoor samples ranged from 1,300 to 8,900 spores/m³. When comparing outdoor versus indoor total spore concentrations, it does not appear that the indoor air has been significantly impacted by airborne spores. However, this may change when fungal growth continues, the building materials dry out during non-rainy days, and human or other construction activities occur in the building.

**FINAL
WATER INTRUSION ASSESSMENT AND
ASBESTOS SURVEY SUMMARY**

- The two tape-lift samples suggested fungi spores and fungal growth are present in the building.

7.0 ASBESTOS SAMPLING RESULTS

A total of 13 bulk samples of water-damaged, potential asbestos-containing materials (ACMs) were collected from the SNF building and submitted to SGS Forensic Laboratories in Carson, California, for analysis.

The following Table 4 summarizes the asbestos sampling results. For detailed survey results, laboratory reports, and chain-of-custody records, see Panacea’s February 2022 asbestos survey report (Panacea, 2022).

See attachments for additional information on the sample locations (Figures 15 and 16), laboratory reports, and chain-of-custody records.

TABLE 4 - ASBESTOS SAMPLE RESULTS

SAMPLE NO.	MATERIAL	LOCATION	RESULTS
B-1	Cove base mastic, brown	Unit 417, Room 145	ND
B-2	Cove base mastic, brown and tan	Unit 420, Room 101	ND
B-3	Cove base mastic, brown and tan	Unit A, hallway outside Room 124	ND
B-4	Lifting floor tile and black mastic, 1’x1’, brown with dark brown specks	Unit 420, Room 101	FT=ND, MAS=2% CH
B-5	Lifting floor tile and black mastic, 1’x1’, brown with dark brown specks	Unit 417, hallway outside Room 116	FT=ND, MAS=2% CH
B-6	Lifting floor tile and black mastic, 1’x1’, brown with dark brown specks	Unit A, hallway south of mechanical equipment room (Room 142)	FT=ND, MAS=2% CH
B-7	Lifting floor tile and black mastic, 1’x1’, light gray with gray and white specks	Unit A, hallway outside Room 124	FT=2% CH, MAS=2% CH
B-8	Lifting floor tile and black mastic, 1’x1’, light gray with gray and white specks	Unit A, hallway outside Room 147	FT=2% CH, MAS=2% CH
B-9	Lifting floor tile and black mastic, 1’x1’, light gray with gray and white specks	Unit A, hallway outside Room 117	FT=2% CH, MAS=2% CH
B-10	Lifting floor tile and black mastic, 1’x1’, tan with brown streaks	Unit A, southeastern portion, Room 148	FT=2% CH, MAS=2% CH

**FINAL
WATER INTRUSION ASSESSMENT AND
ASBESTOS SURVEY SUMMARY**

SAMPLE NO.	MATERIAL	LOCATION	RESULTS
B-11	Lifting floor tile and black mastic, 1'x1', tan with brown streaks	Unit A, eastern portion, Room 148	FT=2% CH, MAS=2% CH
B-12	Lifting floor tile and black mastic, 1'x1', tan with brown streaks	Unit A, northeastern portion, Room 148	FT=2% CH, MAS=2% CH
B-13	Fiberboard and joint compound, tan and white	Unit 417, hallway outside Room 111, on wall dividing hallway	ND

Note:

1. ND = no asbestos fibers detected, FT = floor tile, MAS = mastic, CH = chrysotile asbestos.

7.1 EVALUATION AND CONCLUSIONS

Based on the information obtained during this assessment, laboratory analytical results, current regulatory guidelines or laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, the following evaluation and conclusions were made.

- Asbestos was detected in nine (9) of the 14 bulk samples collected from water-damaged materials. The nine (9) bulk samples were collected from floor tiles and black mastic.
- For detailed survey results, see Panacea's February 2022 asbestos survey report (Panacea, 2022).

8.0 LIMITATIONS

The analytical results obtained by Panacea represent concentrations at given locations at a given time. These concentrations are expected to vary with time at these locations inside the structure/building, depending on many factors. Hence, the analytical results for the samples are intended to provide a general indication and a preliminary assessment of the concentrations inside this building at the time the samples were collected. It is possible that this monitoring may not have identified all locations that did not meet the evaluation criteria.

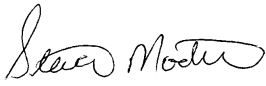

The information provided in this report is based on the scope of work authorized by the client, information obtained during the monitoring, current regulatory guidelines or laws, state-of-the-industry practices, and the professional judgment of Panacea personnel.

The client is hereby advised that microbial growth could reoccur if the source of the moisture is not remediated. Also, future water-intrusion conditions could also promote microbial growth not related to the existing site condition at the time the work is to be completed.

Services performed by Panacea were conducted in a manner consistent with state-of-the-industry practices, recognizing that even the most comprehensive sampling may not detect all the areas exceeding the evaluation criteria in the structure/building. Therefore, Panacea cannot act as an insurer or certify that the site is free of indoor microbial contamination. No expressed or implied representation or warranty is included in our report except that the services were performed within the limit of the scope of work authorized by the client and the encountered site conditions.

**FINAL
WATER INTRUSION ASSESSMENT AND
ASBESTOS SURVEY SUMMARY**

The recommendations contained herein are intended to provide guidance for implementing procedures that, in our experience, are appropriate within the regulatory environment in California. These recommendations are not intended to constitute legal advice; it is possible that legal counsel familiar with environmental laws might provide recommendations that would differ from those cited above and/or would advise compliance with regulations, guidelines, and laws not cited herein. The client may consider having legal counsel familiar with environmental issues review the findings presented in this report and provide recommendations.

Prepared by:	<u>Steven Modtland, CAC</u>	Reviewed by:	<u>Hsin H. Chou, CIH, CAC</u>
Signature:	<u></u>	Signature:	<u></u>
Date:	<u>02/18/2022</u>	Date:	<u>02/18/2022</u>

REFERENCE

Panacea, Inc. (Panacea), 2022. *Asbestos Survey Report, Metropolitan State Hospital, 11401 Bloomfield Avenue, Norwalk, California 90650*. Panacea Project No. C21-948ATM, February 2022.

ATTACHMENTS

- Figures 1 to 16
- Nonviable Spore Trap Report and Chain-of-Custody Record
- Tape-Lift Report and Chain-of-Custody Record
- Asbestos Bulk Sample Report and Chain-of-Custody Record

ATTACHMENTS

Figures 1 to 16




Nonviable Spore Trap Report and Chain-of-Custody Record

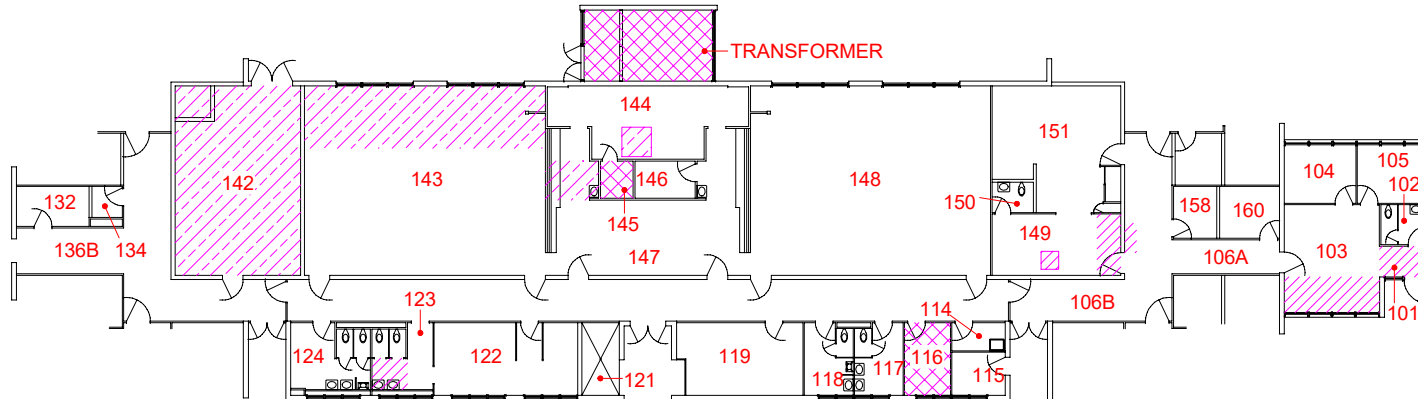
Tape-Lift Report and Chain-of-Custody Record

Asbestos Bulk Sample Report and Chain-of-Custody Record



LEGEND

-  Remove Ceiling Materials
-  Dry Ceiling Materials
-  Inaccessible Room



GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.






WATER DAMAGED MATERIALS/COMPONENTS
SNF BUILDING
UNIT A - CEILING PLAN
11401 BLOOMFIELD AVENUE
NORWALK, CALIFORNIA

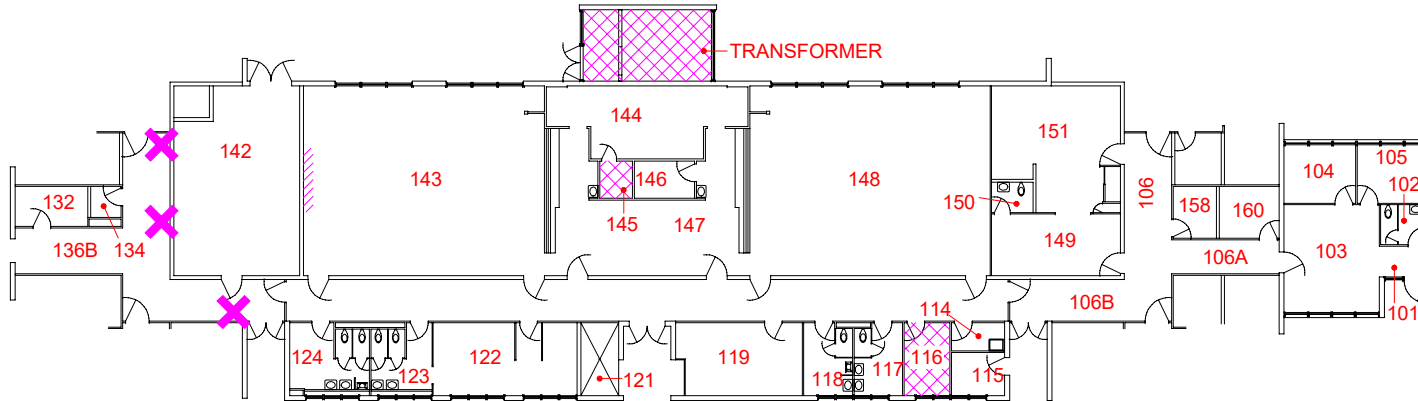
PROJECT NO. C21-948ATM

FIGURE 1



LEGEND

-  Dry Wall Materials
-  Location of Wall Material to be Dried
-  Inaccessible Room



GENERAL NOTES





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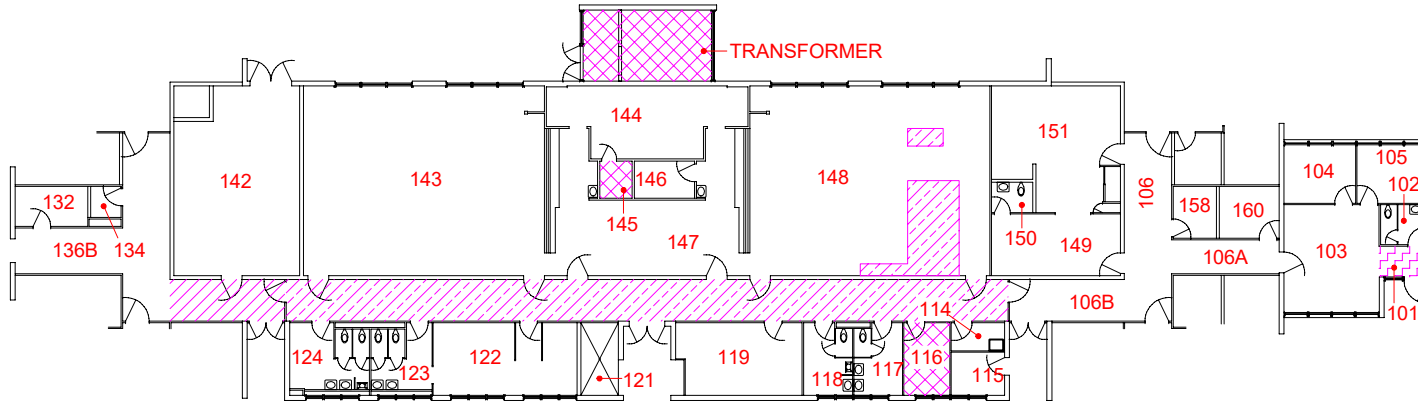


WATER DAMAGED MATERIALS/COMPONENTS
SNF BUILDING
UNIT A - WALL PLAN
11401 BLOOMFIELD AVENUE
NORWALK, CALIFORNIA



LEGEND

-  Remove Lifting Floor Tile and Black Mastic (>1% Asbestos)
-  Remove Lifting Floor Tile (Negative) and Black Mastic (>1% Asbestos)
-  Dry and Clean Carpet
-  Inaccessible Room



GENERAL NOTES

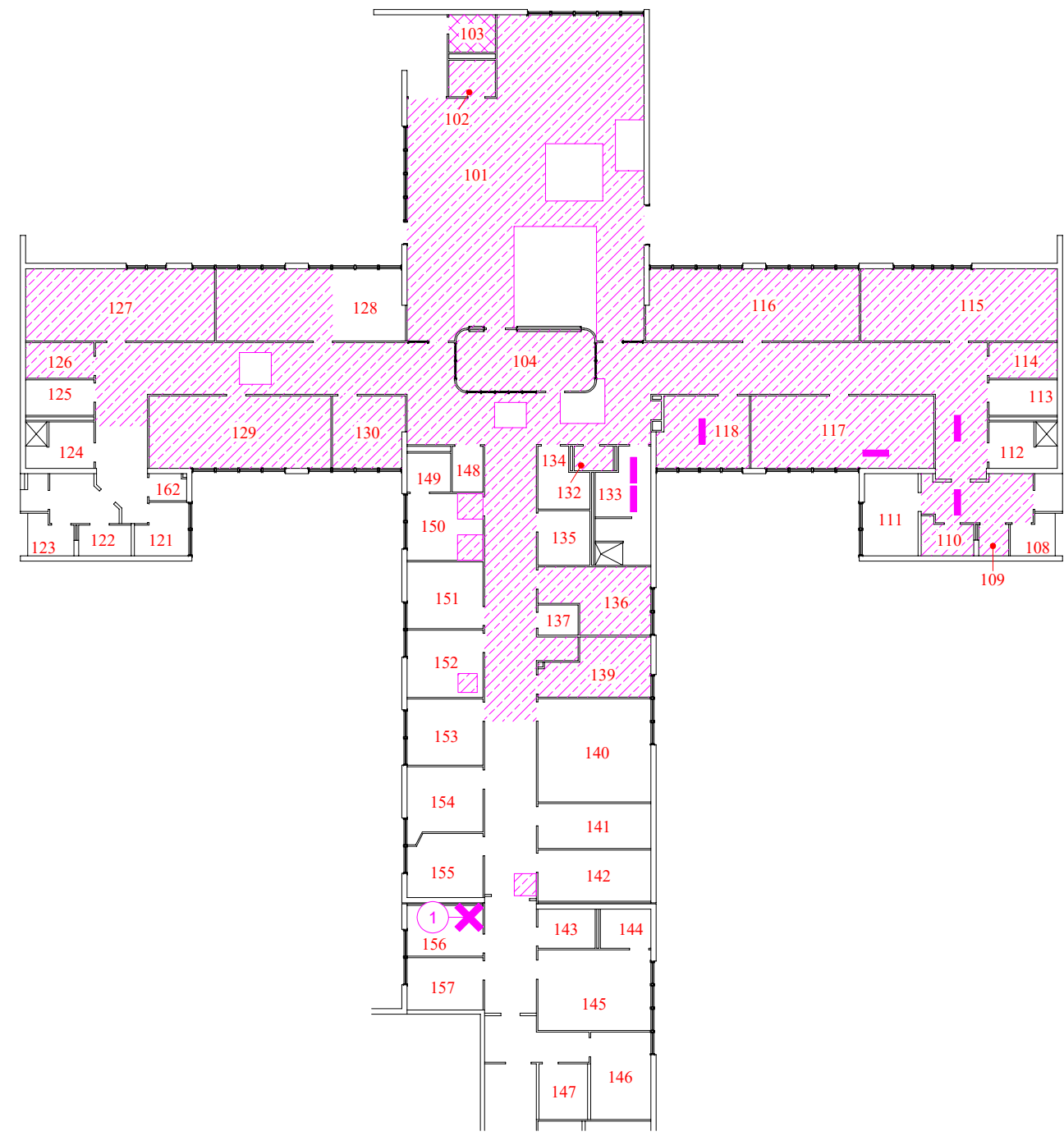
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WATER DAMAGED MATERIALS/COMPONENTS
SNF BUILDING
UNIT A - FLOOR PLAN
11401 BLOOMFIELD AVENUE
NORWALK, CALIFORNIA

PROJECT NO. C21-948ATM

FIGURE 3



LEGEND

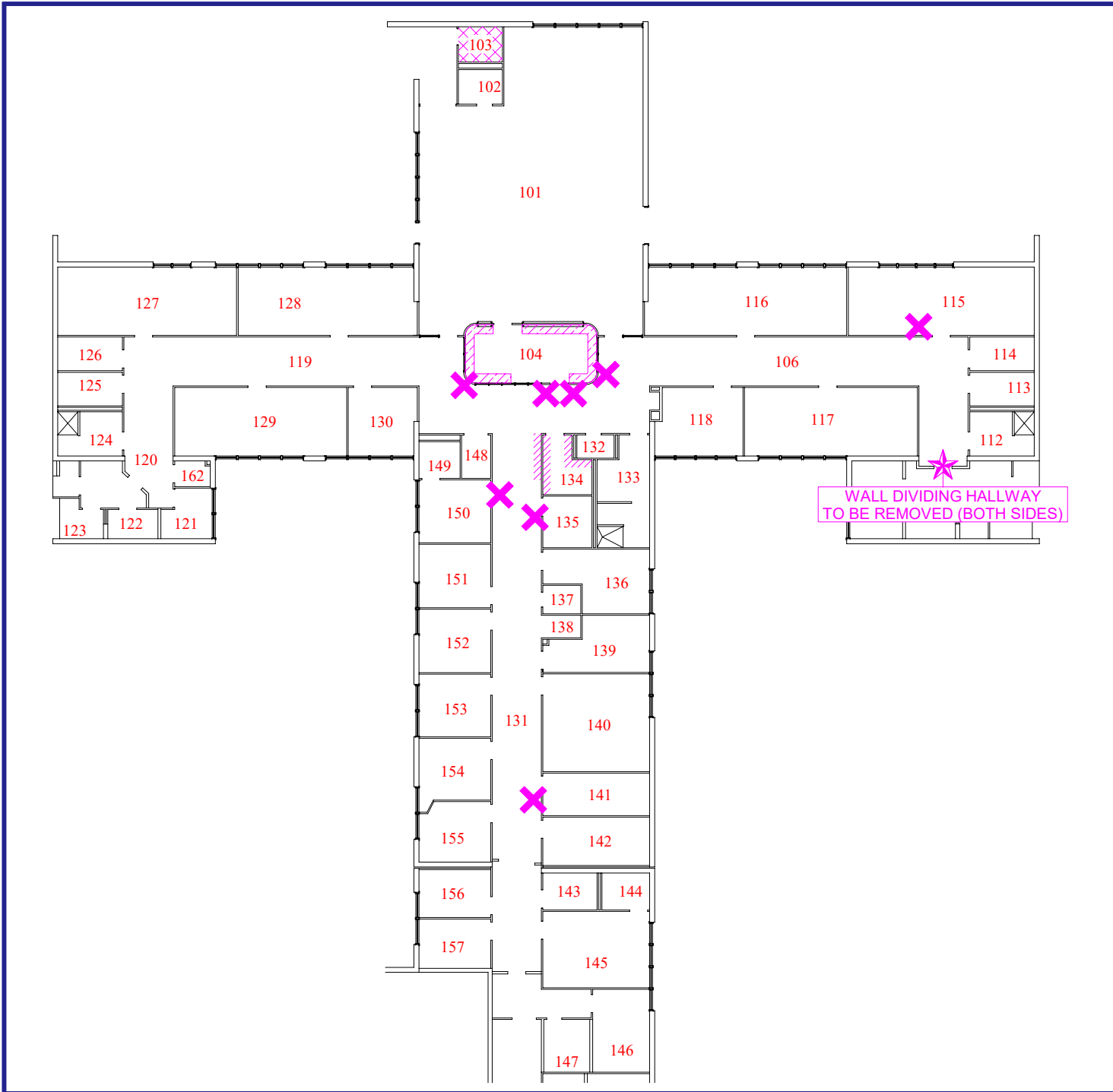
- Remove Ceiling Materials
- Light Fixture Filled With Water
- Location and Quantity of Water-Stained Ceiling Tile
- Inaccessible Room

GENERAL NOTES



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WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 417 - CEILING PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

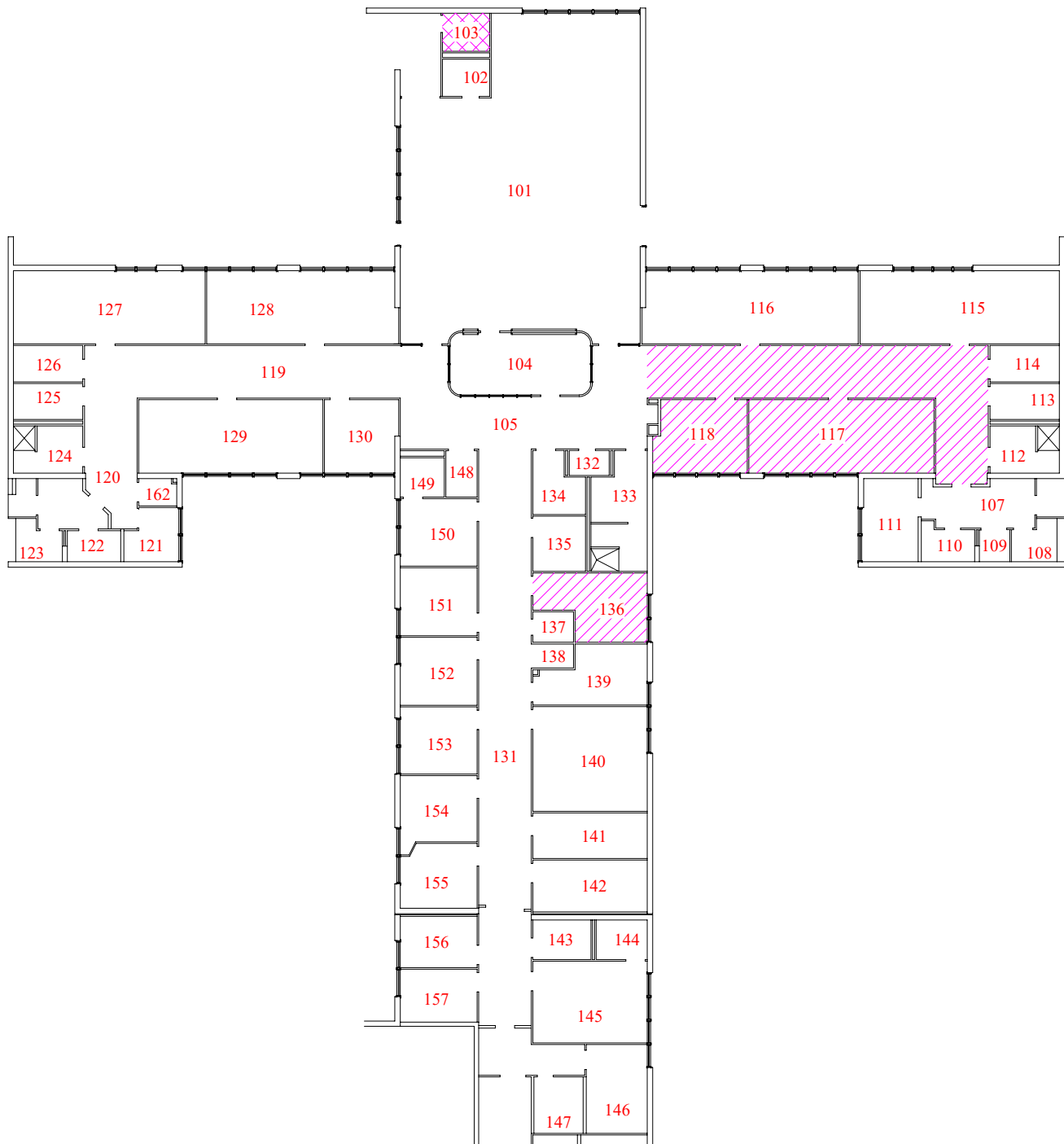
-  Dry Wall Materials
-  Location of Wall Material to be Dried
-  Dry Wood Base on Cabinets
-  Remove Wall Dividing Hallway (Both Sides)
-  Inaccessible Room

GENERAL NOTES



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WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 417 - WALL PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

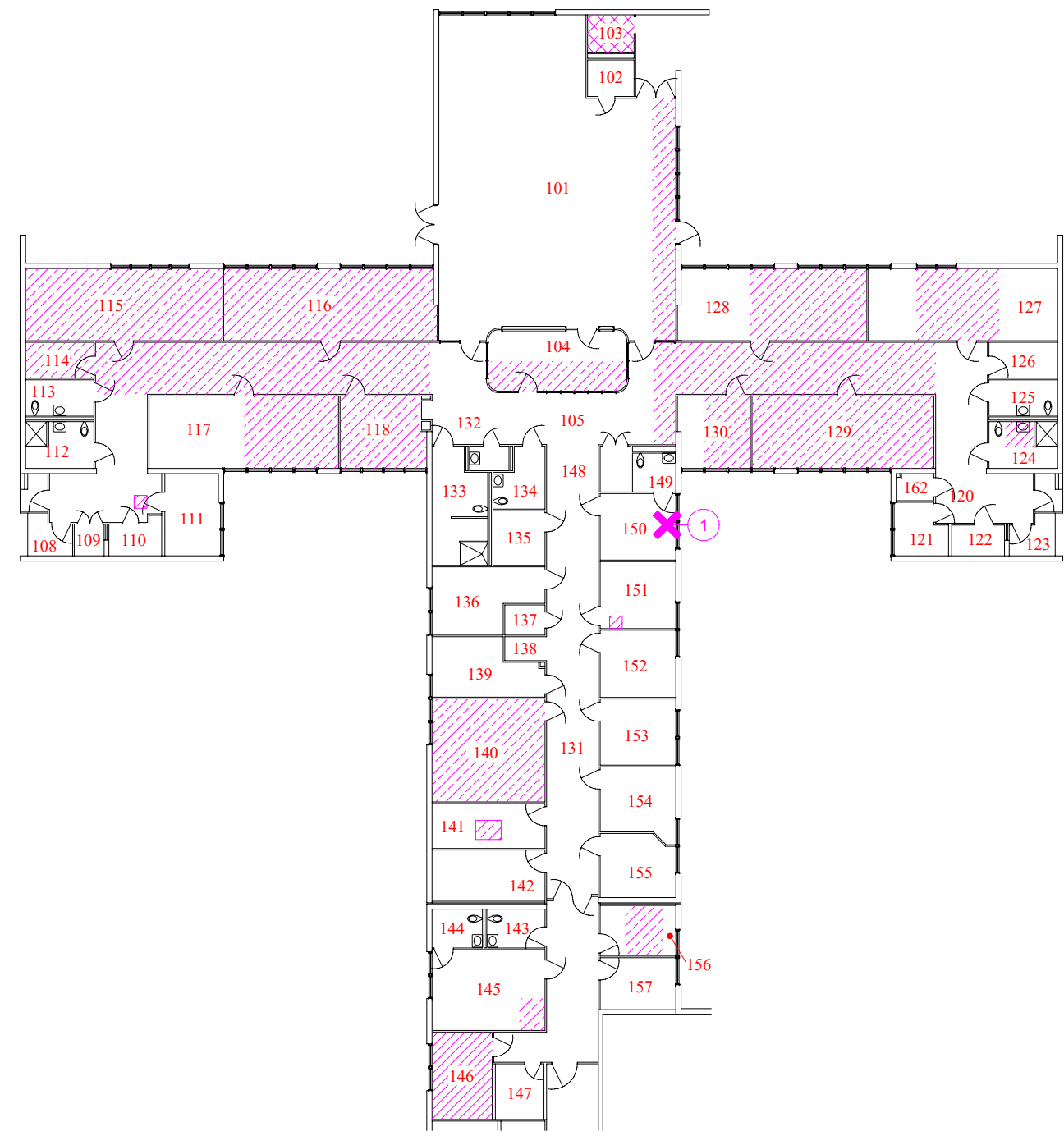
-  Remove Lifting Floor Tile (Negative) and Black Mastic (>1% Asbestos)
-  Inaccessible Room

GENERAL NOTES





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WATER DAMAGED MATERIALS/COMPONENTS
SNF BUILDING
UNIT 417 - FLOOR PLAN
11401 BLOOMFIELD AVENUE
NORWALK, CALIFORNIA



LEGEND

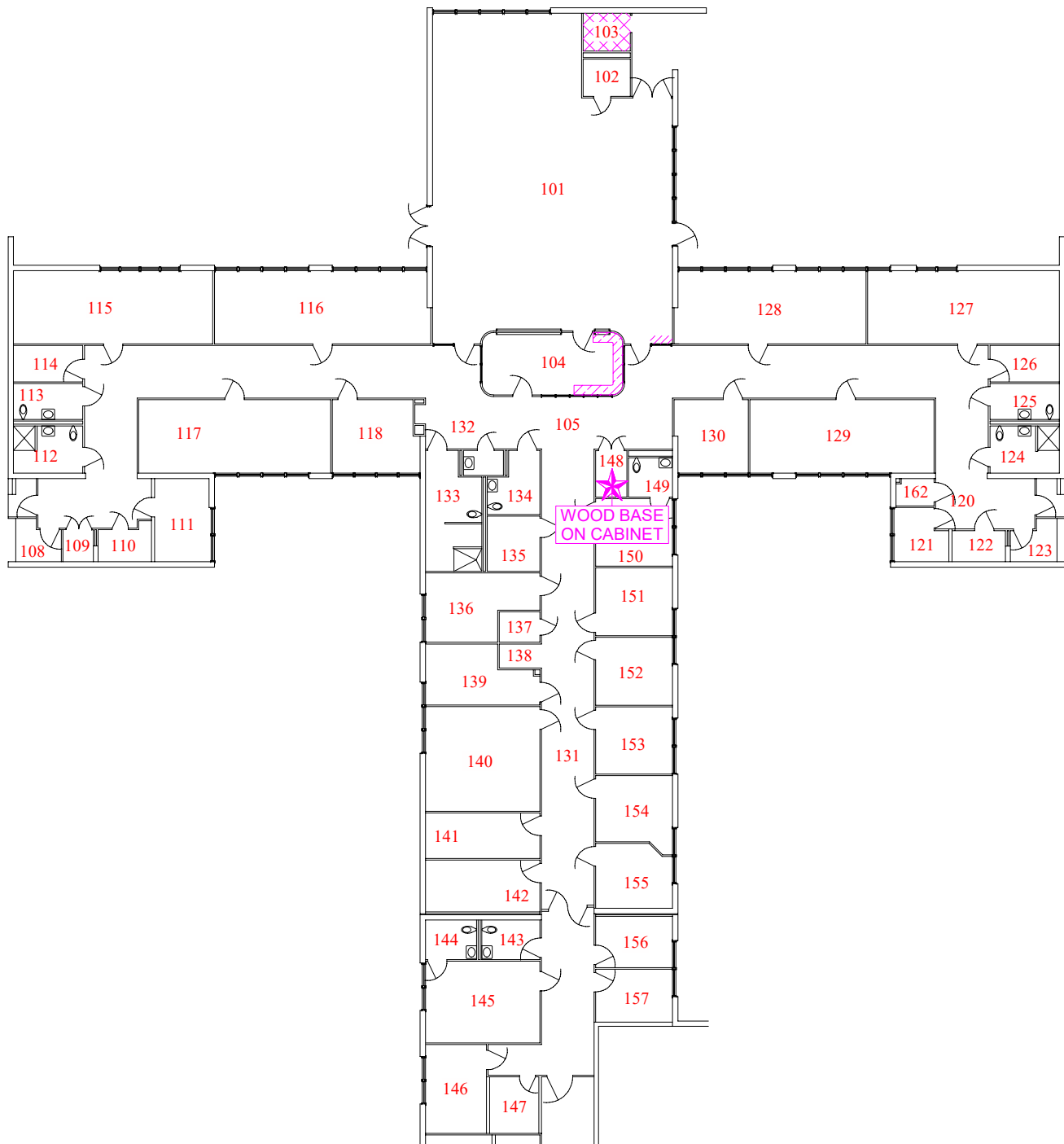
-  Remove Ceiling Materials
-  Dry Ceiling Materials
-  Location and Quantity of Water-Stained Ceiling Tile
-  Inaccessible Room

GENERAL NOTES





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WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 418 - CEILING PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

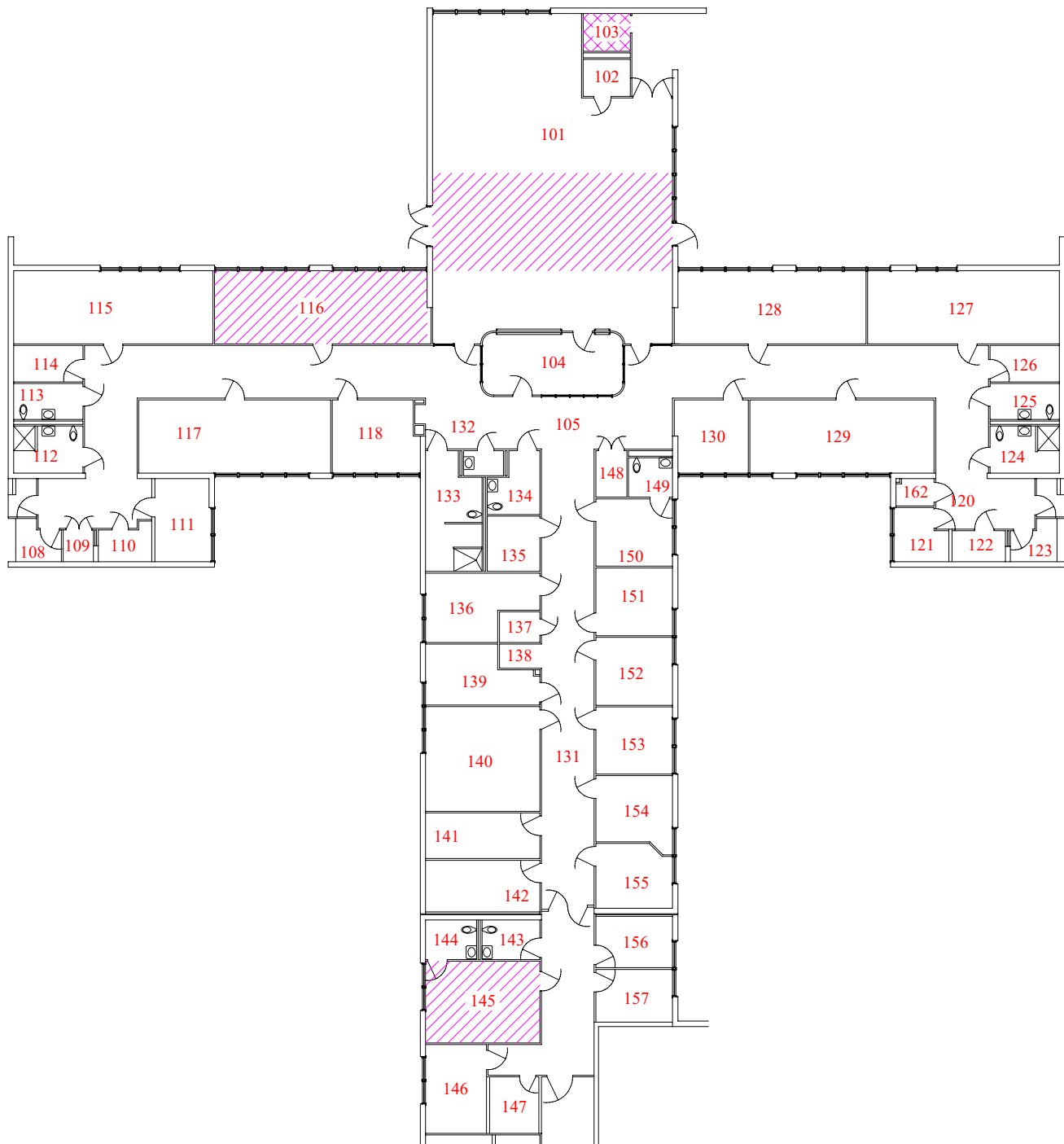
-  Dry Wall Materials
-  Remove Countertop and Cabinets
-  Dry Wood Base on Cabinet
-  Inaccessible Room

GENERAL NOTES



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WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 418 - WALL PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

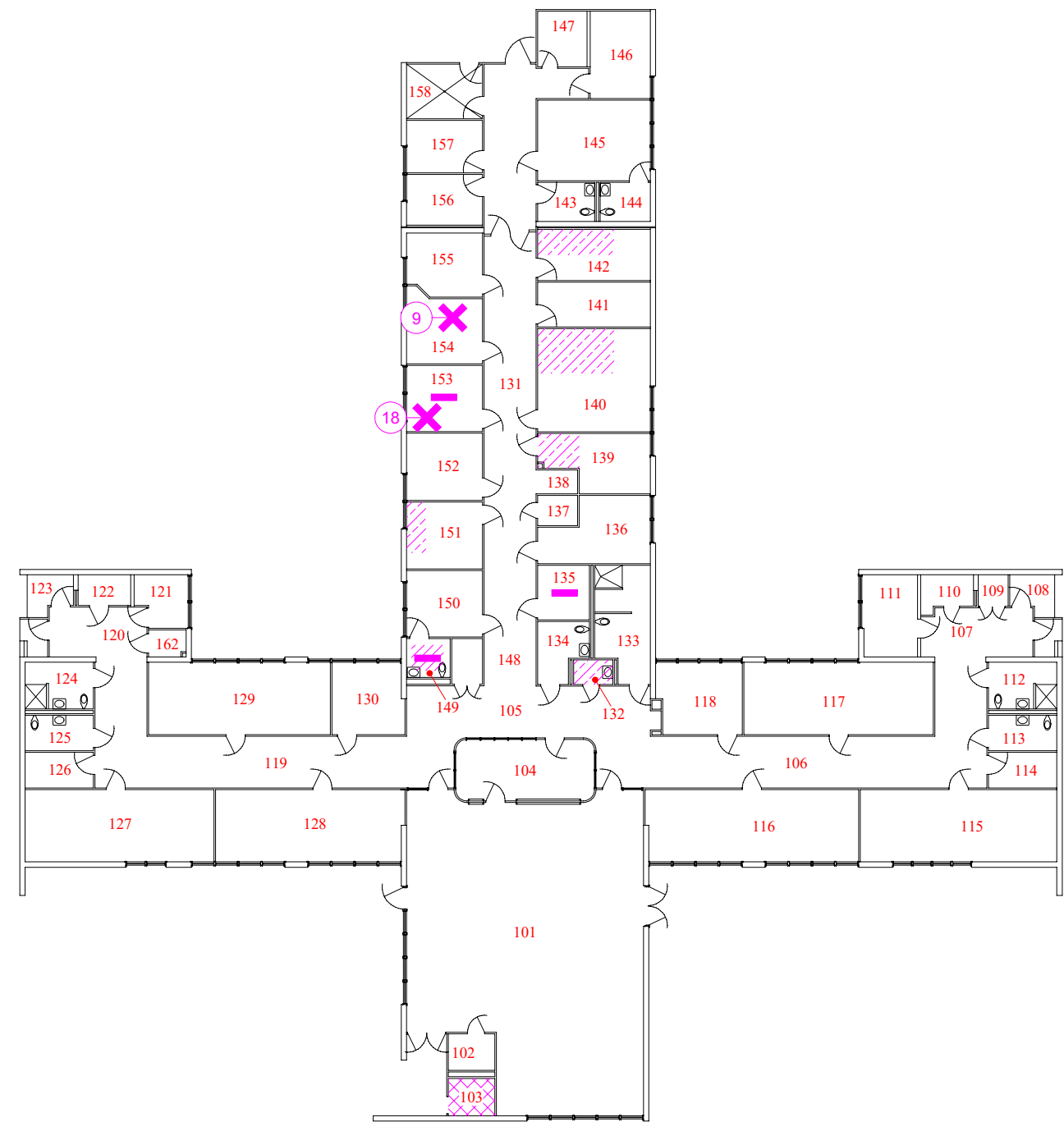
-  Remove Lifting Floor Tile (Negative) and Black Mastic (>1% Asbestos)
-  Inaccessible Room

GENERAL NOTES

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WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 418 - FLOOR PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

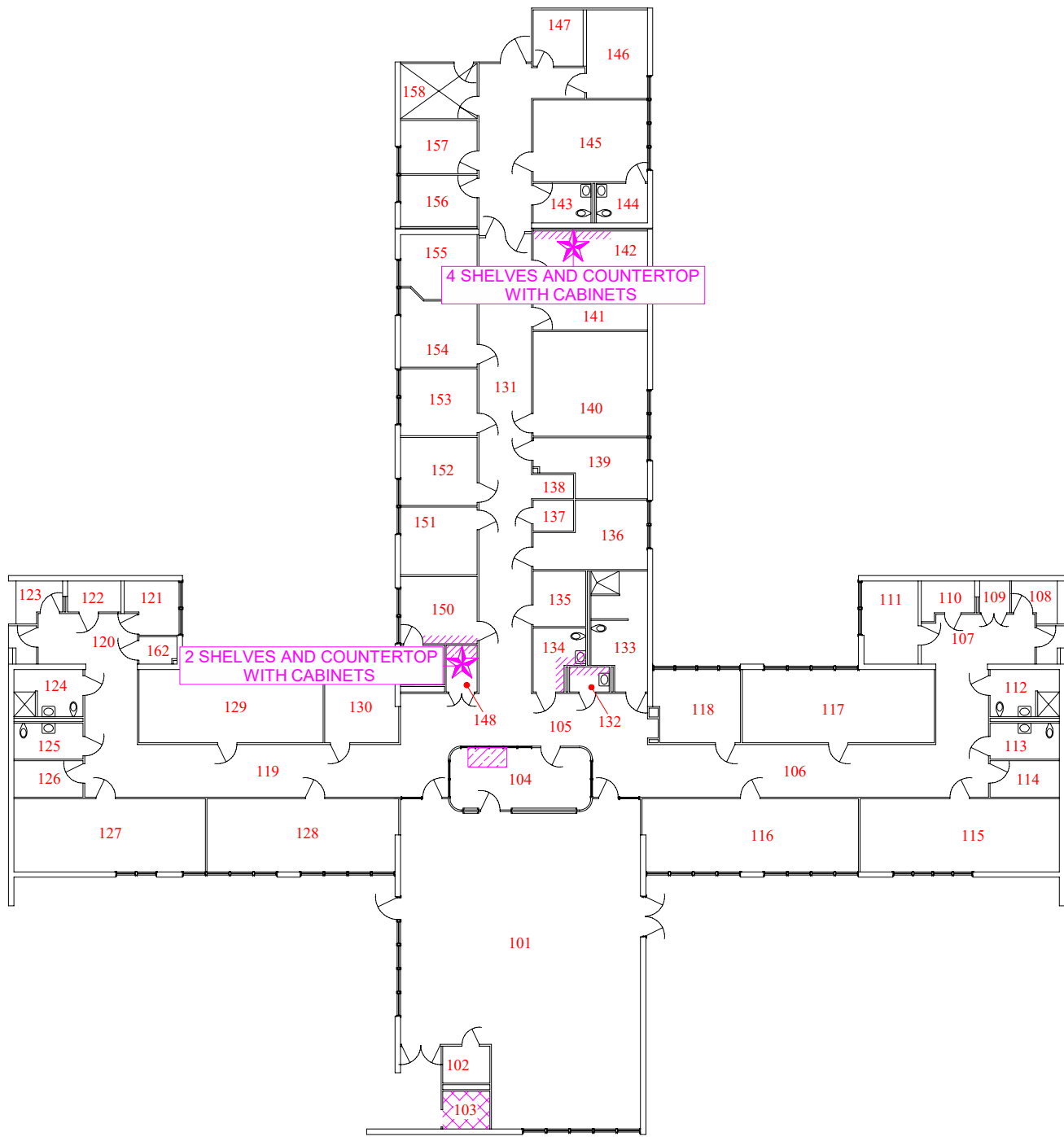
-  Remove Ceiling Materials
-  Dry Ceiling Materials
-  Light Fixture Filled With Water
-  Location and Quantity of Water-Stained Ceiling Tile
-  Inaccessible Room

GENERAL NOTES




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2. Base map obtained from the client.
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WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 419 - CEILING PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

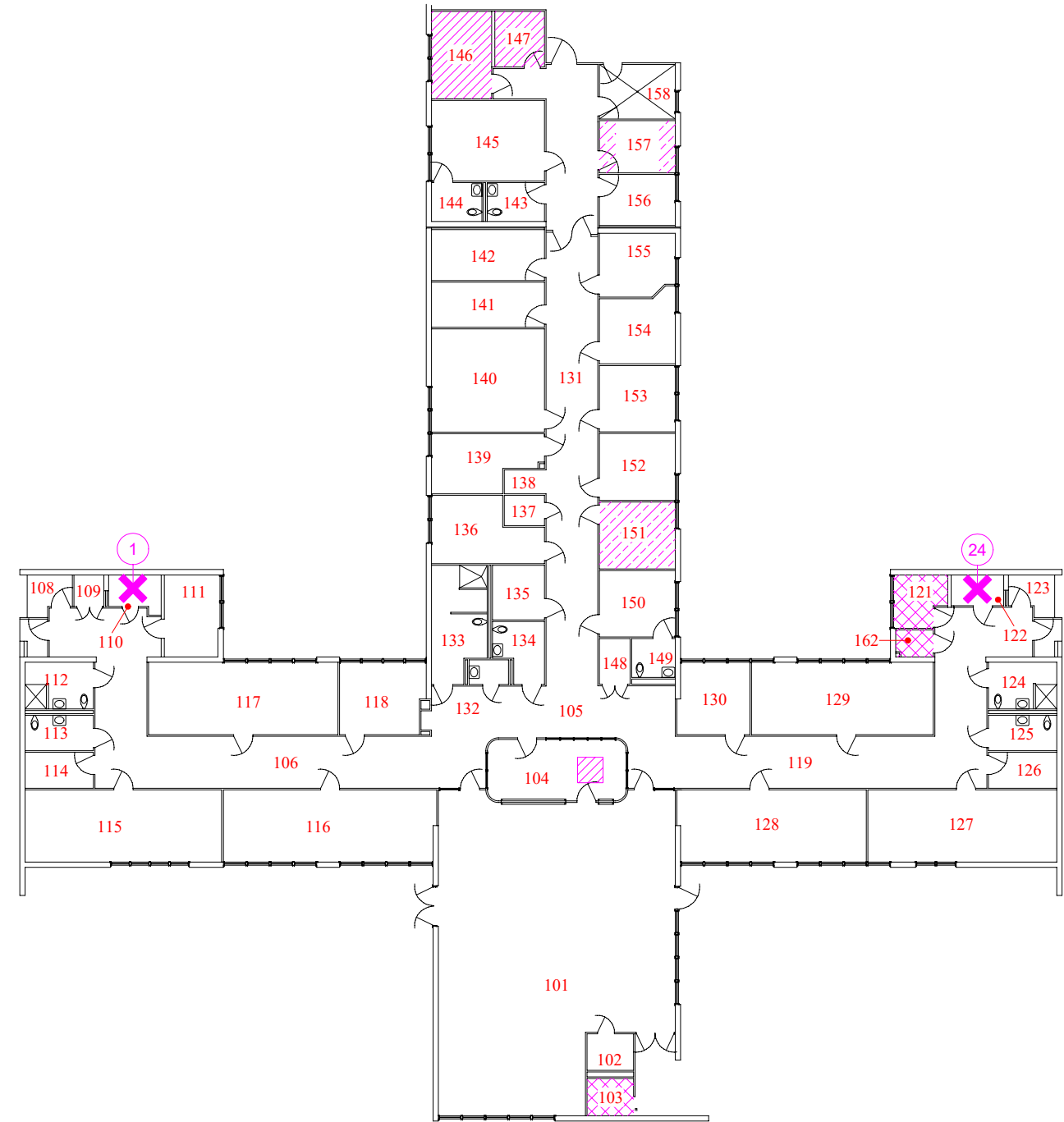
-  Dry Wall Materials
-  Remove Section of Countertop and Cabinets
-  Remove Shelves and Countertop with Cabinets
-  Inaccessible Room

GENERAL NOTES





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2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.



WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 419 - WALL PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

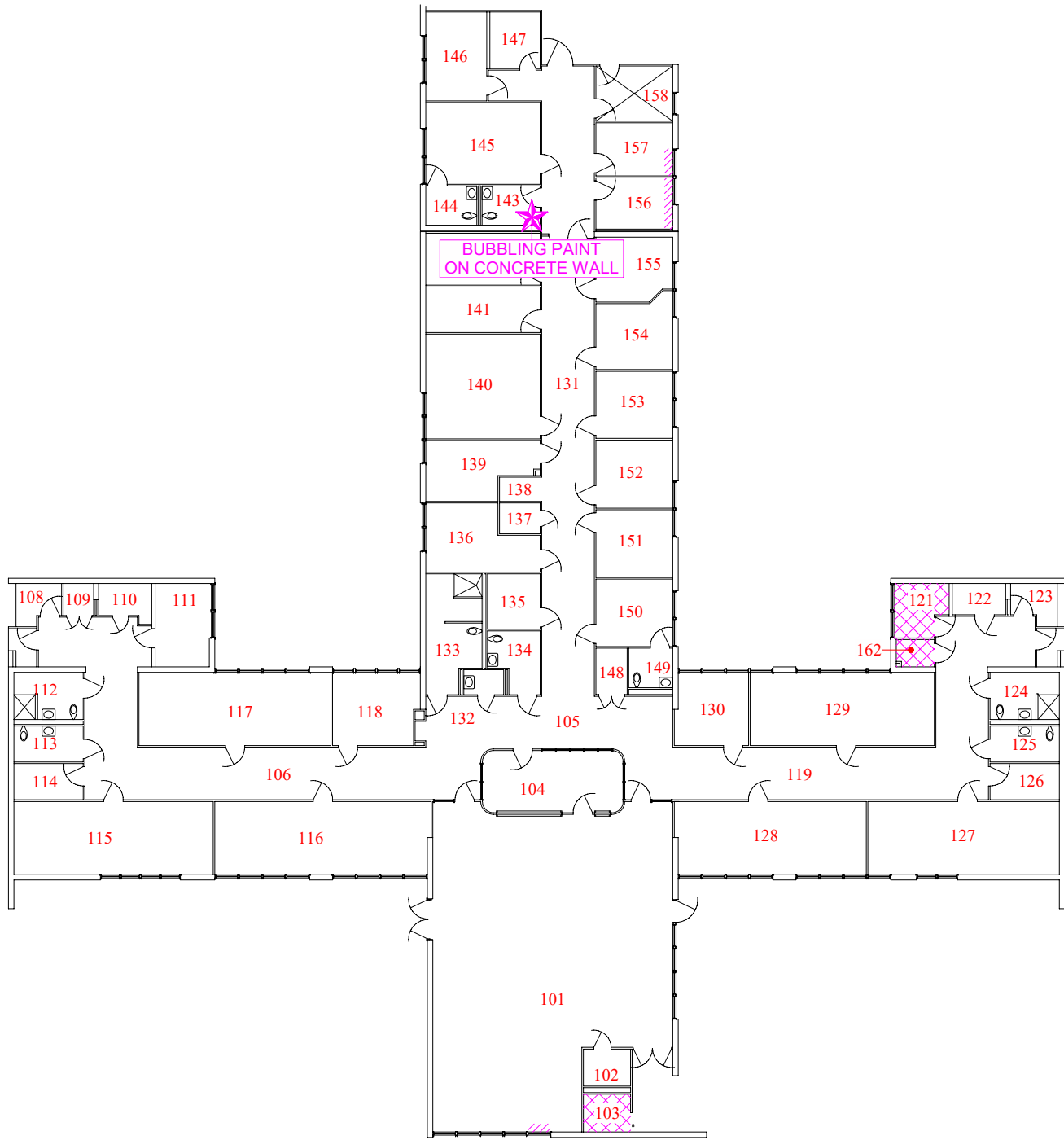
-  Remove Ceiling Materials
-  Dry Ceiling Materials
-  Location and Quantity of Water-Stained Ceiling Tile
-  Inaccessible Room

GENERAL NOTES




1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.



WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 420 - CEILING PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

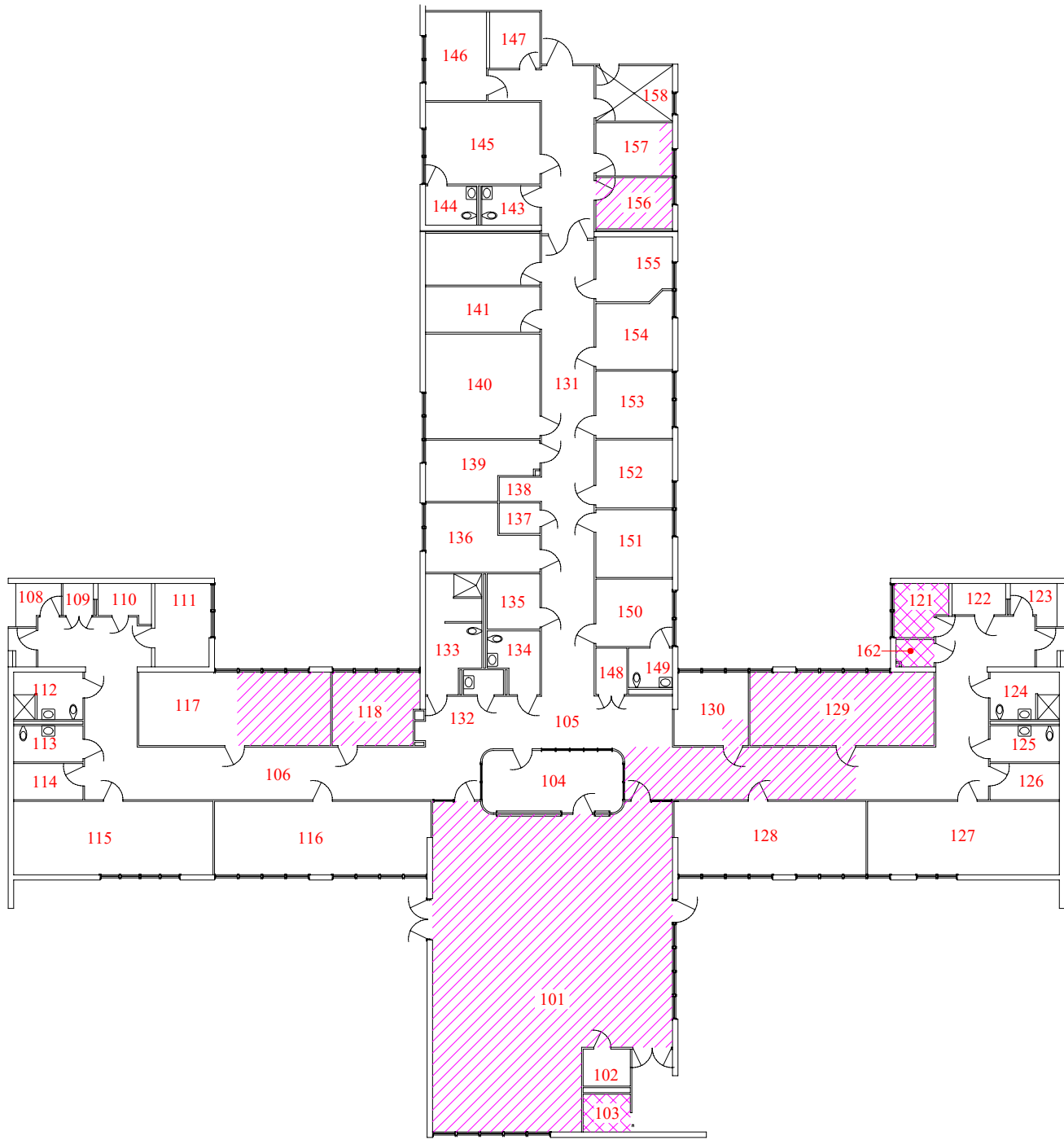
-  Dry Wall Materials
-  Remove Bubbling Paint on Concrete Wall
-  Inaccessible Room

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.



WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 420 - WALL PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

- Remove Lifting Floor Tile (Negative) and Black Mastic (>1% Asbestos)
- Inaccessible Room

GENERAL NOTES




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2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.

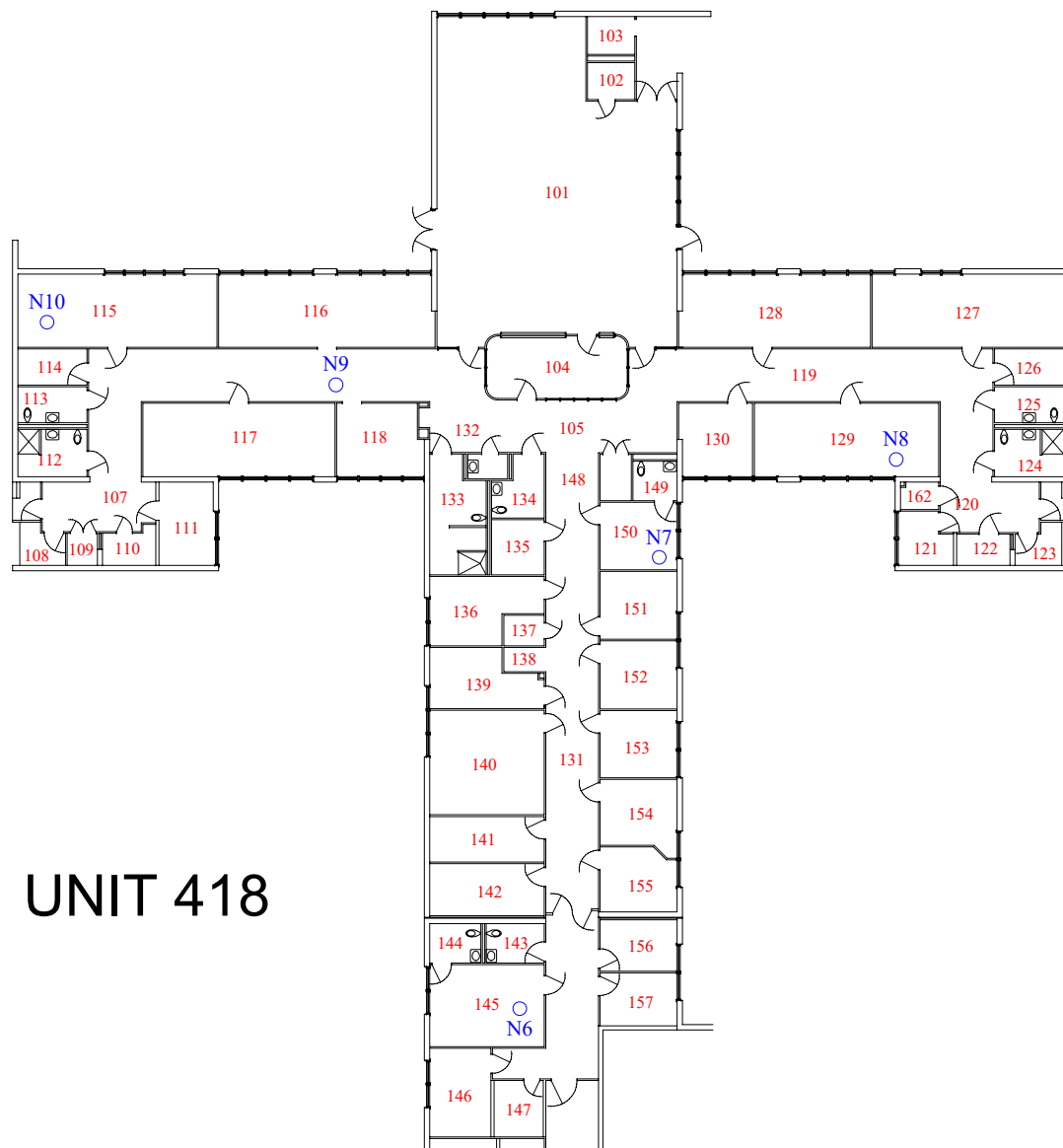


WATER DAMAGED MATERIALS/COMPONENTS
 SNF BUILDING
 UNIT 420 - FLOOR PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA

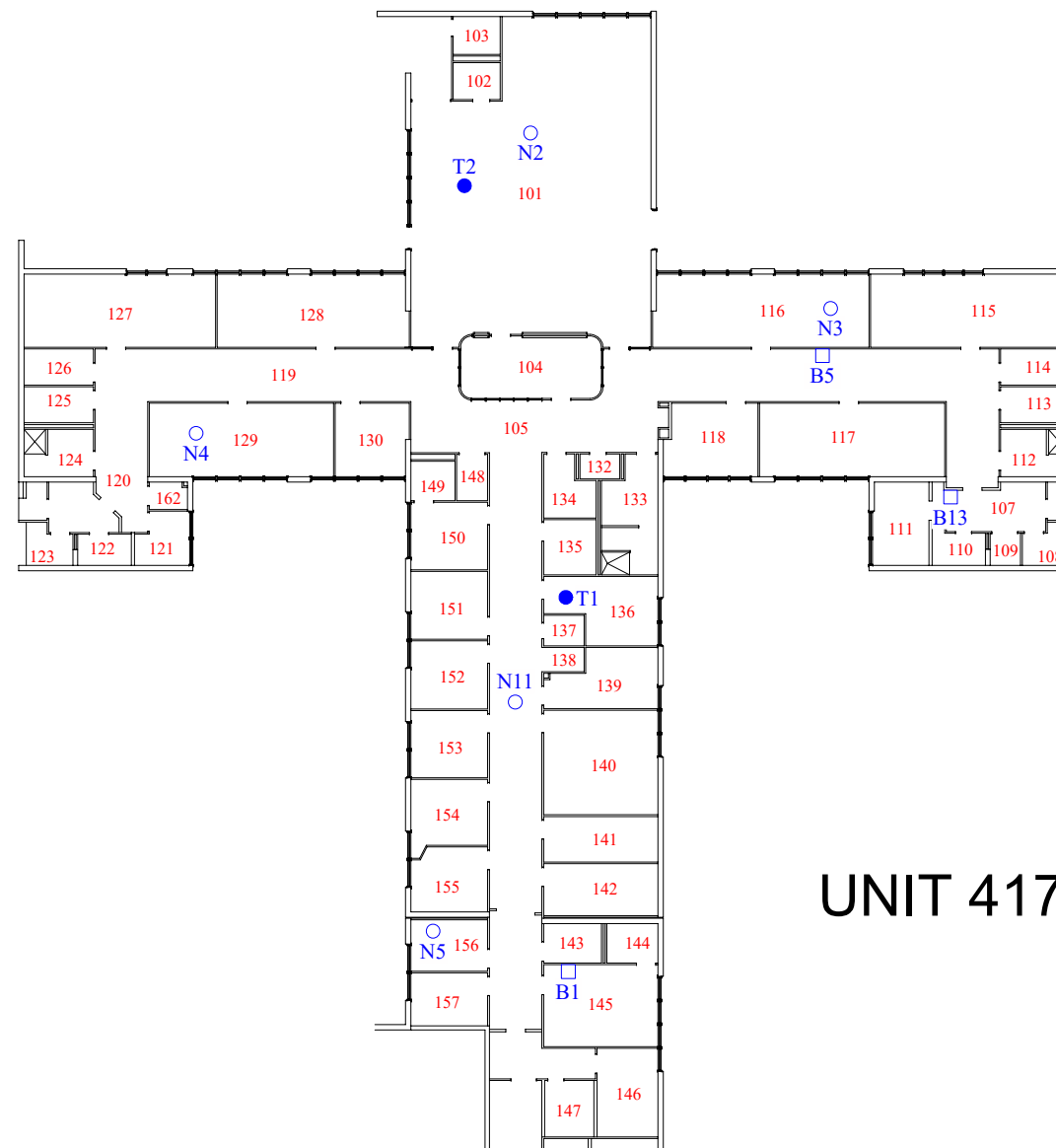


LEGEND

-  Asbestos Bulk Sample Location
-  Nonviable Air Sample Location
-  Tape-Lift Sample Location

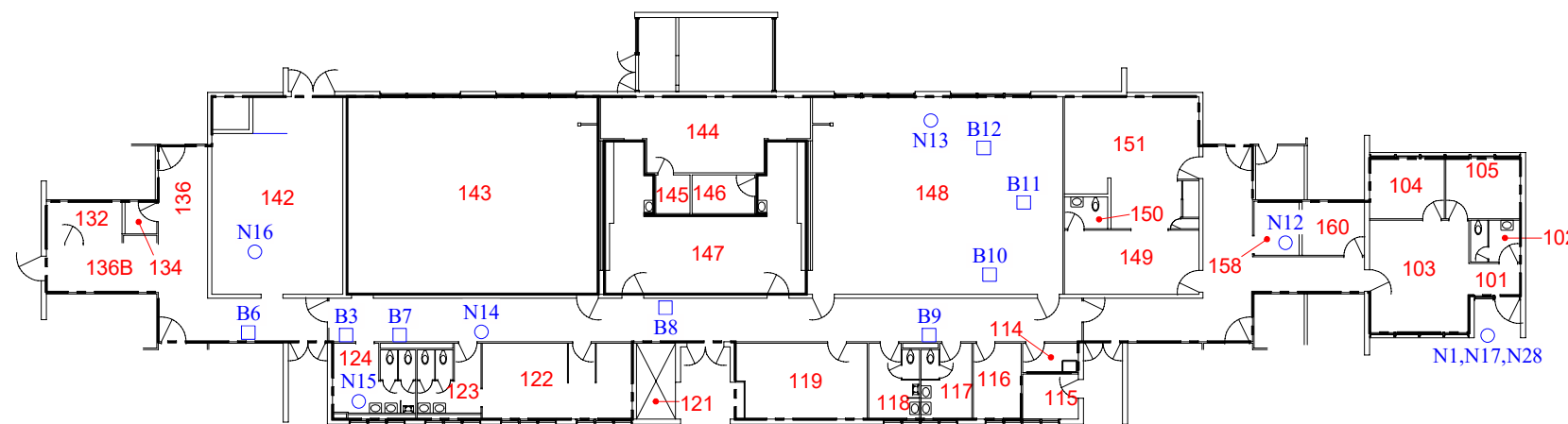


UNIT 418



UNIT 417

UNIT A



GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).

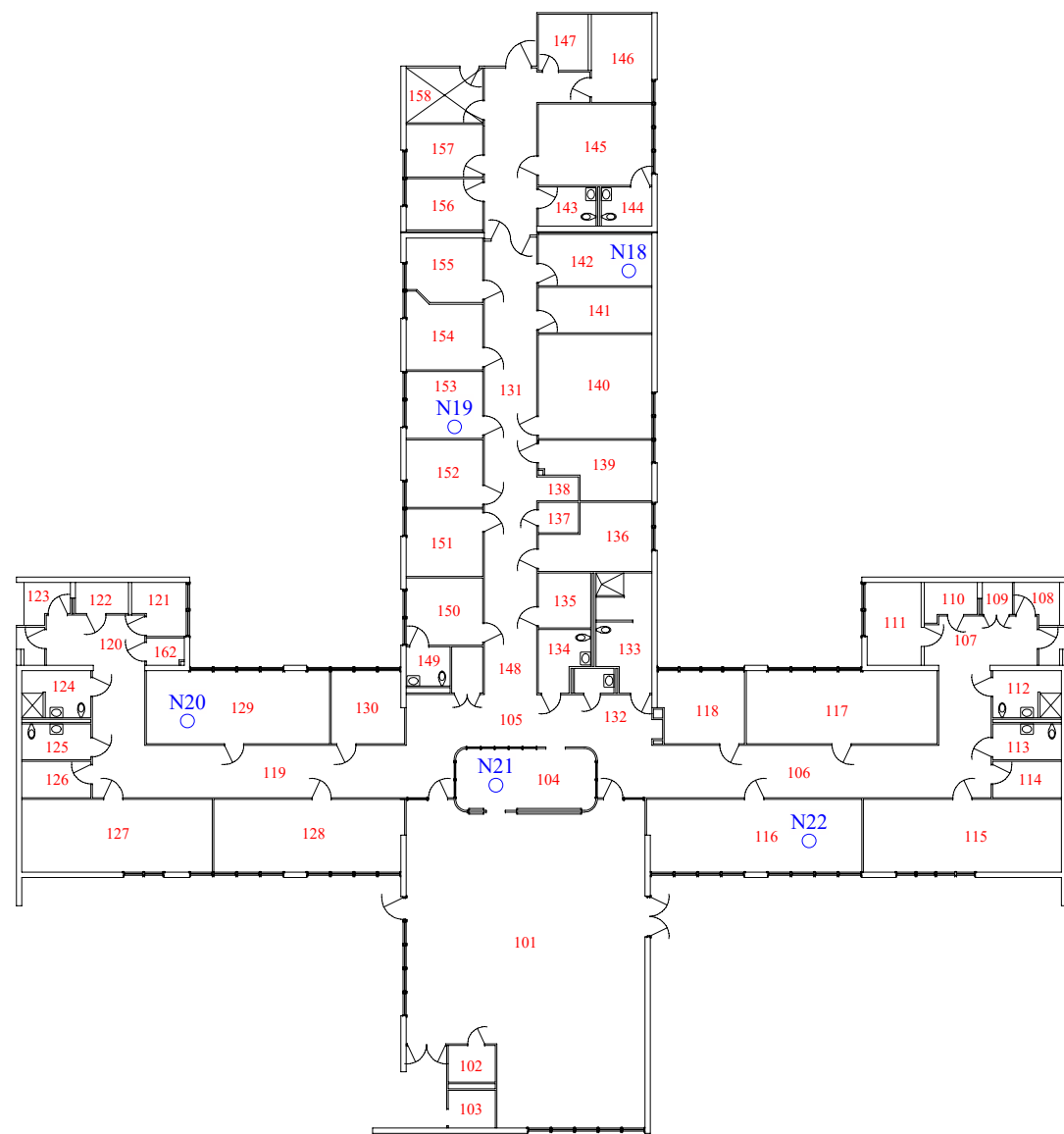


SAMPLE LOCATIONS
SNF BUILDING
UNITS A, 417, AND 418 - FLOOR PLAN
11401 BLOOMFIELD AVENUE
NORWALK, CALIFORNIA

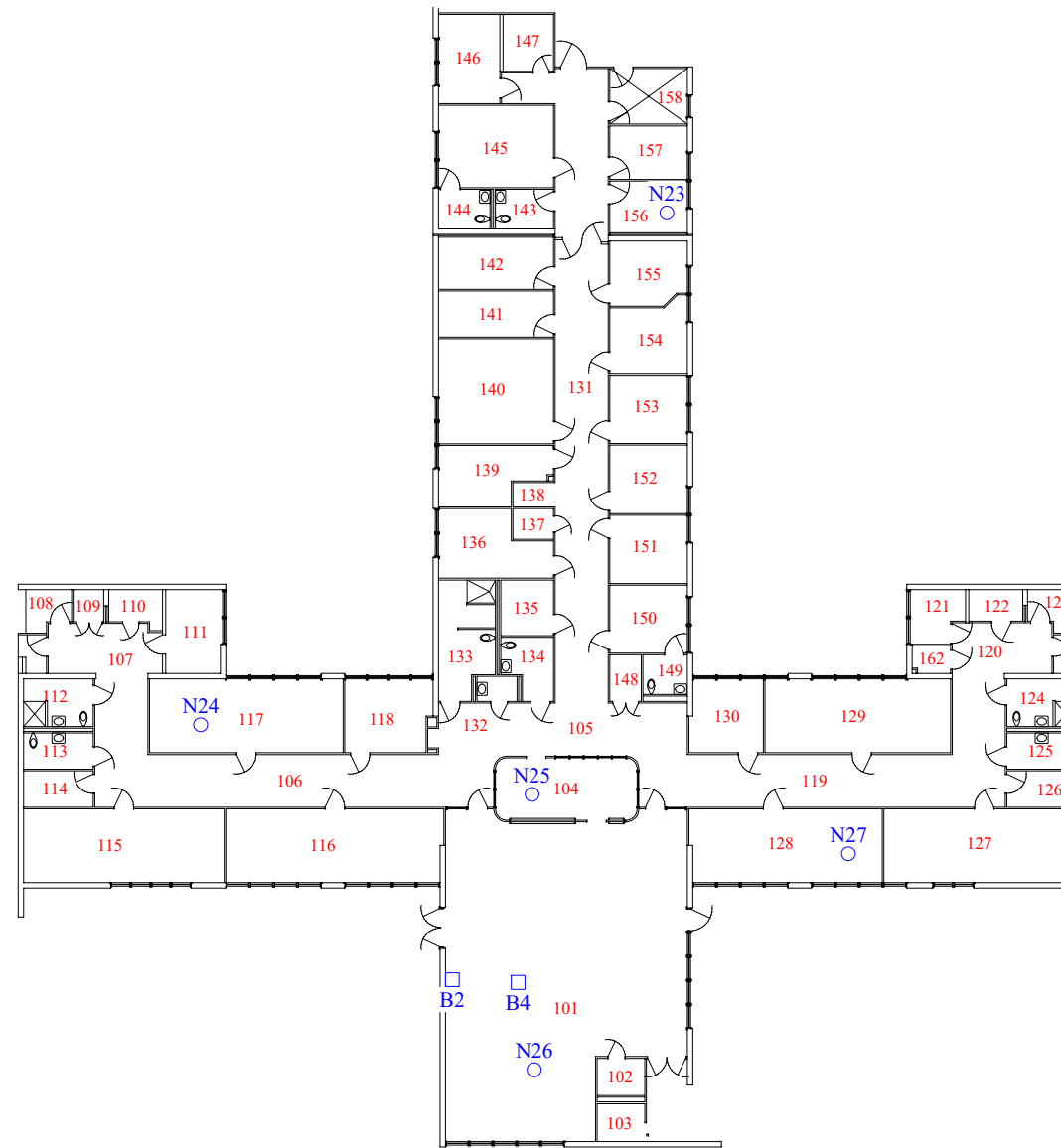


LEGEND

- Asbestos Bulk Sample Location
- Nonviable Air Sample Location



UNIT 419



UNIT 420

GENERAL NOTES

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2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).



SAMPLE LOCATIONS
SNF BUILDING
UNITS 419 AND 420 - FLOOR PLAN
11401 BLOOMFIELD AVENUE
NORWALK, CALIFORNIA



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223162				60223163				60223164			
Sample ID	XL20211230-N-1				XL20211230-N-2				XL20211230-N-3			
Location												
Sample Date	12/30/21				12/30/21				12/30/21			
Volume	77.5 L				77.5 L				77.5 L			
Organism	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³
Alternaria	ND	-	-	ND	ND	-	-	ND	1	0.3	13	13
Ascospores	ND	-	-	ND	ND	-	-	ND	2	1.6	30	60
Basidiospores	125	84.6	60	7,500	106	73.8	52	5,500	107	87.1	30	3,200
Cladosporium	37	12.5	30	1,100	44	17.9	30	1,300	6	4.9	30	180
Nigrospora	1	0.1	13	13	ND	-	-	ND	ND	-	-	ND
Penicillium / Aspergillus	8	2.7	30	240	14	5.7	30	420	2	1.6	30	60
Rusts/smuts/myxomycetes	1	0.1	13	13	15	2.6	13	190	13	4.5	13	170
Total	172			8,900	179			7,400	131			3,700
Particulate Density	Minor				Minor				Minor			
Particles	Number		LOD	P/m ³	Number		LOD	P/m ³	Number		LOD	P/m ³
HYPHAL FRAGMENTS *	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Comments												



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223165				60223166				60223167			
Sample ID	XL20211230-N-4				XL20211230-N-5				XL20211230-N-6			
Location												
Sample Date	12/30/21				12/30/21				12/30/21			
Volume	77.5 L				77.5 L				77.5 L			
Organism	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³
Alternaria	1	0.5	13	13	ND	-	-	ND	ND	-	-	ND
Ascospores	2	2.4	30	60	ND	-	-	ND	2	1.4	30	60
Basidiospores	41	49.7	30	1,200	52	36.9	30	1,600	127	92.1	30	3,800
Cladosporium	22	26.6	30	660	5	3.5	30	150	9	6.5	30	270
Nigrospora	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Penicillium / Aspergillus	15	18.2	30	450	84	59.6	30	2,500	ND	-	-	ND
Rusts/smuts/myxomycetes	5	2.6	13	65	ND	-	-	ND	ND	-	-	ND
Total	86			2,500	141			4,200	138			4,200
Particulate Density	Minor				Major				Minor			
Particles	Number		LOD	P/m3	Number		LOD	P/m3	Number		LOD	P/m3
HYPHAL FRAGMENTS *	1	-	30	30	1	-	30	30	ND	-	-	ND
Comments												



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223168				60223169				60223170			
Sample ID	XL20211230-N-7				XL20211230-N-8				XL20211230-N-9			
Location												
Sample Date	12/30/21				12/30/21				12/30/21			
Volume	77.5 L				77.5 L				77.5 L			
Organism	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³
Alternaria	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Ascospores	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Basidiospores	31	70.4	30	930	20	57.1	30	600	42	72.5	30	1,300
Cladosporium	12	27.3	30	360	15	42.9	30	450	6	10.3	30	180
Nigrospora	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Penicillium / Aspergillus	1	2.3	30	30	ND	-	-	ND	10	17.2	30	300
Rusts/smuts/myxomycetes	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Total	44			1,300	35			1,100	58			1,700
Particulate Density	Minor				Major				Minor			
Particles	Number		LOD	P/m3	Number		LOD	P/m3	Number		LOD	P/m3
HYPHAL FRAGMENTS *	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Comments												



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223171				60223172				60223173			
Sample ID	XL20211230-N-10				XL20211230-N-11				XL20211230-N-12			
Location												
Sample Date	12/30/21				12/30/21				12/30/21			
Volume	77.5 L				77.5 L				77.5 L			
Organism	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³
Alternaria	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Ascospores	ND	-	-	ND	ND	-	-	ND	1	0.7	30	30
Basidiospores	30	100	30	900	45	69.8	30	1,400	99	72	30	3,000
Cladosporium	ND	-	-	ND	6	9.3	30	180	15	10.9	30	450
Nigrospora	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Penicillium / Aspergillus	ND	-	-	ND	13	20.2	30	390	20	14.5	30	600
Rusts/smuts/myxomycetes	ND	-	-	ND	1	0.7	13	13	6	1.9	13	77
Total	30			900	65			1,900	141			4,100
Particulate Density	Minor				Minor				Abundant			
Particles	Number		LOD	P/m3	Number		LOD	P/m3	Number		LOD	P/m3
HYPHAL FRAGMENTS *	ND	-	-	ND	ND	-	-	ND	2	-	30	60
Comments												



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
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Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223174				60223175				60223176			
Sample ID	XL20211230-N-13				XL20211230-N-14				XL20211230-N-15			
Location												
Sample Date	12/30/21				12/30/21				12/30/21			
Volume	77.5 L				77.5 L				77.5 L			
Organism	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³
Alternaria	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Ascospores	2	1.5	30	60	7	2.1	30	210	5	3.2	30	150
Basidiospores	127	96.2	30	3,800	310	94.6	30	9,300	137	87.2	30	4,100
Cladosporium	2	1.5	30	60	7	2.1	30	210	15	9.6	30	450
Nigrospora	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Penicillium / Aspergillus	1	0.8	30	30	4	1.2	30	120	ND	-	-	ND
Rusts/smuts/myxomycetes	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Total	132			4,000	328			9,900	157			4,700
Particulate Density	Minor				Minor				Minor			
Particles	Number		LOD	P/m3	Number		LOD	P/m3	Number		LOD	P/m3
HYPHAL FRAGMENTS *	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Comments												



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223177				60223178				60223179			
Sample ID	XL20211230-N-16				XL20211230-N-17				XL20211230-N-18			
Location												
Sample Date	12/30/21				12/30/21				12/30/21			
Volume	77.5 L				77.5 L				77.5 L			
Organism	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³
Alternaria	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Ascospores	1	1	30	30	1	1.8	24	24	ND	-	-	ND
Basidiospores	51	52.1	30	1,500	48	87.3	24	1,200	7	70	30	210
Cladosporium	23	23.5	30	690	6	10.9	24	140	2	20	30	60
Nigrospora	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Penicillium / Aspergillus	22	22.5	30	660	ND	-	-	ND	1	10	30	30
Rusts/smuts/myxomycetes	2	0.9	13	26	ND	-	-	ND	ND	-	-	ND
Total	99			2,900	55			1,300	10			300
Particulate Density	Minor				Major				Minor			
Particles	Number		LOD	P/m3	Number		LOD	P/m3	Number		LOD	P/m3
HYPHAL FRAGMENTS *	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Comments												



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223180				60223181				60223182			
Sample ID	XL20211230-N-19				XL20211230-N-20				XL20211230-N-21			
Location												
Sample Date	12/30/21				12/30/21				12/30/21			
Volume	77.5 L				77.5 L				77.5 L			
Organism	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³
Alternaria	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Ascospores	1	5.4	30	30	1	1.5	30	30	ND	-	-	ND
Basidiospores	15	81.4	30	450	39	60	30	1,200	15	83.3	30	450
Cladosporium	2	10.9	30	60	25	38.5	30	750	3	16.7	30	90
Nigrospora	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Penicillium / Aspergillus	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Rusts/smuts/myxomycetes	1	2.3	13	13	ND	-	-	ND	ND	-	-	ND
Total	19			550	65			2,000	18			540
Particulate Density	Minor				Minor				Minor			
Particles	Number		LOD	P/m ³	Number		LOD	P/m ³	Number		LOD	P/m ³
HYPHAL FRAGMENTS *	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Comments												



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223183				60223184				60223185			
Sample ID	XL20211230-N-22				XL20211230-N-23				XL20211230-N-24			
Location												
Sample Date	12/30/21				12/30/21				12/30/21			
Volume	77.5 L				77.5 L				77.5 L			
Organism	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³
Alternaria	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Ascospores	ND	-	-	ND	4	5.7	30	120	1	3.3	30	30
Basidiospores	12	37.5	30	360	58	82.9	30	1,700	25	83.4	30	750
Cladosporium	ND	-	-	ND	7	10	30	210	1	3.3	30	30
Nigrospora	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Penicillium / Aspergillus	20	62.5	30	600	1	1.4	30	30	3	10	30	90
Rusts/smuts/myxomycetes	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Total	32			960	70			2,100	30			900
Particulate Density	Minor				Minor				Major			
Particles	Number		LOD	P/m3	Number		LOD	P/m3	Number		LOD	P/m3
HYPHAL FRAGMENTS *	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Comments												



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
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Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223186				60223187				60223188			
Sample ID	XL20211230-N-25				XL20211230-N-26				XL20211230-N-27			
Location												
Sample Date	12/30/21				12/30/21				12/30/21			
Volume	77.5 L				77.5 L				77.5 L			
Organism	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³	Spores ⁺	%	LOD	S/m ³
Alternaria	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Ascospores	ND	-	-	ND	1	1.7	30	30	ND	-	-	ND
Basidiospores	37	94.9	30	1,100	53	89.2	30	1,600	1	100	30	30
Cladosporium	2	5.1	30	60	2	3.4	30	60	ND	-	-	ND
Nigrospora	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Penicillium / Aspergillus	ND	-	-	ND	3	5	30	90	ND	-	-	ND
Rusts/smuts/myxomycetes	ND	-	-	ND	1	0.7	13	13	ND	-	-	ND
Total	39			1,200	60			1,800	1			30
Particulate Density	Minor				Minor				Minor			
Particles	Number		LOD	P/m3	Number		LOD	P/m3	Number		LOD	P/m3
HYPHAL FRAGMENTS *	ND	-	-	ND	ND	-	-	ND	ND	-	-	ND
Comments									No spores or sporulating structures present.			



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Lab Number	60223189												
Sample ID	XL20211230-N-28												
Location													
Sample Date	12/30/21												
Volume	77.5 L												
Organism	Spores⁺	%	LOD	S/m³	Spores⁺	%	LOD	S/m³	Spores⁺	%	LOD	S/m³	
Alternaria	ND	-	-	ND									
Ascospores	3	1.8	30	90									
Basidiospores	102	62.6	30	3,100									
Cladosporium	51	31.3	30	1,500									
Nigrospora	ND	-	-	ND									
Penicillium / Aspergillus	7	4.3	30	210									
Rusts/smuts/myxomycetes	ND	-	-	ND									
Total	163			4,900									
Particulate Density	Minor												
Particles	Number		LOD	P/m3	Number		LOD	P/m3	Number		LOD	P/m3	
HYPHAL FRAGMENTS *	ND	-	-	ND									
Comments													



Non-Viable Air Fungal Analysis

Panacea Inc.
Steven Modtland
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Paramount, CA 90723

Client ID: 5572
Report Number: F145900
SGSFL Job ID: 5572
Date Received: 01/05/22
Date Analyzed: 01/05/22
Date Printed: 01/07/22
First Reported: 01/07/22

Sample Type: Allergenco-D
Analysis: Direct Microscopy; Method IAQ 101; Modified ASTM D7391
Job ID / Site: C21-948ATM; SNF Building

Total Samples Submitted: 28
Total Samples Analyzed: 28

Explanations:

Spores ⁺	Actual number of spores counted in portion of sample examined
%	Percent of Total
LOD	Limit of Detection (Units are the same as result units)
S/m ³	Spores per cubic meter of air sampled
Spores/S	Number of spores per sample
*	Not included in Totals Calculations
ND	None Detected
Particulate Density	Amount of background particulate present
-	Not Applicable
P	Particles excluding fungal spores
P/m ³	Particles per cubic meter of air sampled
P/S	Number of particles per sample

Background Particulate Density Estimated As Follows:

Trace	1 (<5% Occluded) Very little present
Minor	2 (>5% & <25% Occluded) Present but not in large quantity
Major	3 (>25% & <50% Occluded) Present in most of sample
Abundant	4 (>50% Occluded) Covering almost entire sample
Overloaded	5 Covering entire sample

Guidelines For Interpretation:

No accepted quantitative regulatory standards currently exist by which to assess the health risks related to mold exposure. Molds have been associated with a variety of health effects and sensitivity varies from person to person.

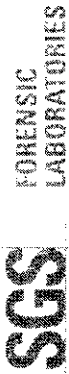
Several organizations, including: the American Conference of Governmental Industrial Hygienists (ACGIH); the American Industrial Hygiene Association (AIHA); the Indoor Air Quality Association (IAQA); the United States Environmental Protection Agency (USEPA); the Centers for Disease Control (CDC), as well as the California Department of Health Services (CADHS), have all published guidelines for assessment and interpretation of mold resulting from water intrusion in buildings.

SGSFL reports solely the organisms observed on the sample(s). The limit of detection is based on observing one spore/colony per area analyzed. This is not an inclusive list of the fungal types identified in the microbiology laboratory.

Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

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Note* Sampling data used in this report was provided by the client as noted on the associated chain of custody form.



Microbial Analysis Request Form (COC)

Company: Panacea, Inc.		Client No.:		Date: 1/4/2022				
Street: 14905 Paramount Blvd., Suite H			City: Paramount		State: CA Zip: 90723			
Contact: Steven Modtland		Phone: 562-860-2869		E-mail: smodtland@panenv.com				
Site: SNF Building		Fax:		PO / Job#: C21-948ATM				
Comments:								
Turn Around Time: 2-day turnaround		DUE DATE:		DUE TIME:				
Sample ID	Date / Time	Sample Location / Substrate	FOR AIR SAMPLES ONLY			Analysis Requested	Sample Type	Culture Media Viable Samples
			Time On/Off	Avg. LPM	Total Time			
XL20211230-N-1	12/30/21		8:11 8:16	15.5	5	77.5	<input checked="" type="checkbox"/> MOLD <input type="checkbox"/> OR <input type="checkbox"/> BACTERIA	<input type="checkbox"/> MEA <input type="checkbox"/> DG-18 <input type="checkbox"/> CMA <input type="checkbox"/> TSA <input type="checkbox"/> Cellulose
XL20211230-N-2	12/30/21		8:23 8:28	15.5	5	77.5		
XL20211230-N-3	12/30/21		8:32 8:37	15.5	5	77.5		
XL20211230-N-4	12/30/21		8:41 8:46	15.5	5	77.5		
XL20211230-N-5	12/30/21		9:01 9:06	15.5	5	77.5		
XL20211230-N-6	12/30/21		9:16 9:21	15.5	5	77.5		
Sampled By: Xavier Lopez						Date: 12/30/21		
Shipped Via: <input type="checkbox"/> Fed Ex <input type="checkbox"/> DHL <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Drop Off <input type="checkbox"/> Other:								
Relinquished By: <i>P. Valdez</i>						Relinquished By:		
Date / Time: 1/15/22 8:34am						Date / Time:		
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Received By: <i>[Signature]</i>						Received By:		
Date / Time: 01/05/22 8:41AM						Date / Time:		
Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No						Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No		

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Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, Nevada 89119 / Telephone: (702)784-0040 / Fax: (702)784-0030



FORENSIC LABORATORIES

Microbial Analysis Request Form (COC)

Company: Panacea, Inc. Client No.: Date: 1/4/2022

Street: 14905 Paramount Blvd., Suite H City: Paramount State: CA Zip: 90723

Contact: Steven Modtland Phone: 562-860-2869 Fax: E-mail: smodtland@panenv.com

Site: SNF Building PO / Job#: C21-948ATM

Comments:

Sample ID	Date / Time	Sample Location / Substrate	FOR AIR SAMPLES ONLY			Sample Area / Air Volume	Analysis Requested	Sample Type	Culture Media Viable Samples
			Time On/Off	Avg. LPM	Total Time				
XL20211230-N-7	12/30/21		9:25 9:30	15.5	5	77.5	<input checked="" type="checkbox"/> MOLD OR <input type="checkbox"/> BACTERIA	<input checked="" type="checkbox"/> Spore Trap <input type="checkbox"/> Swab <input type="checkbox"/> Tape <input type="checkbox"/> Other	<input type="checkbox"/> MEA <input type="checkbox"/> DG-18 <input type="checkbox"/> CMA <input type="checkbox"/> TSA <input type="checkbox"/> Cellulose
XL20211230-N-8	12/30/21		9:34 9:39	15.5	5	77.5			
XL20211230-N-9	12/30/21		9:42 9:47	15.5	5	77.5			
XL20211230-N-10	12/30/21		9:50 9:55	15.5	5	77.5			
XL20211230-N-11	12/30/21		10:02 10:07	15.5	5	77.5			
XL20211230-N-12	12/30/21		10:36 10:41	15.5	5	77.5			

Turn Around Time: 2-day turnaround DUE DATE: DUE TIME: Report Via: Fax E-Mail Verbal

Sampled By: Xavier Lopez Date: 12/30/21 Time:

Shipped Via: Fed Ex DHL Airborne UPS US Mail Courier Drop Off Other:

Relinquished By: *X. Valeri* Date / Time: 1/5/22 8:34 am

Condition Acceptable? Yes No

Received By: *CE* Date / Time: 01/05/22 8:41 AM

Condition Acceptable? Yes No

Relinquished By: Date / Time: Condition Acceptable? Yes No

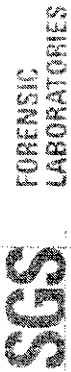
Received By: Date / Time: Condition Acceptable? Yes No

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Los Angeles Office: 20535 South Belshaw Ave., Carson, California 90748 / Telephone: (310)763-2374 * (888)813-9417 / Fax: (310)763-4450

Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, Nevada 89119 / Telephone: (702)784-0040 / Fax: (702)784-0030



Microbial Analysis Request Form (COC)

Company: Panacea, Inc. Client No.: Date: 1/4/2022
 Street: 14905 Paramount Blvd., Suite H City: Paramount State: CA Zip: 90723
 Contact: Steven Modtland Phone: 562-860-2869 Fax: E-mail: smodtland@panenv.com
 Site: SNF Building PO / Job#: C21-948ATM

Comments:

Sample ID	Date / Time	Sample Location / Substrate	FOR AIR SAMPLES ONLY			Sample Area / Air Volume	Analysis Requested	Sample Type	Culture Media Viable Samples
			Time On/Off	Avg. LPM	Total Time				
XL20211230-N-13	12/30/21		10:44 10:49	15.5	5	77.5	<input checked="" type="checkbox"/> MOLD <input type="checkbox"/> OR <input type="checkbox"/> BACTERIA	<input type="checkbox"/> Spore Trap <input type="checkbox"/> Swab <input type="checkbox"/> Tape <input type="checkbox"/> Other	<input type="checkbox"/> MEA <input type="checkbox"/> DG-18 <input type="checkbox"/> CMA <input type="checkbox"/> TSA <input type="checkbox"/> Cellulose
XL20211230-N-14	12/30/21		10:54 10:59	15.5	5	77.5			
XL20211230-N-15	12/30/21		11:03 11:08	15.5	5	77.5			
XL20211230-N-16	12/30/21		11:13 11:18	15.5	5	77.5			
XL20211230-N-17	12/30/21		12:04 12:09	15.5	5	77.5			
XL20211230-N-18	12/30/21		12:28 12:33	15.5	5	77.5			

Turn Around Time: 2-day turnaround DUE DATE: DUE TIME: Report Via: Fax E-Mail Verbal
 Sampled By: Xavier Lopez Date: 12/30/21 Time:

Shipped Via: Fed Ex DHL Airborne UPS US Mail Courier Drop Off Other:

Relinquished By: *L. Valer* Date / Time: 1/5/22 8:34am
 Condition Acceptable? Yes No
 Received By: *[Signature]* Date / Time: 01/05/22 8:41AM
 Condition Acceptable? Yes No

Relinquished By: Date / Time: Condition Acceptable? Yes No
 Received By: Date / Time: Condition Acceptable? Yes No



FORENSIC LABORATORIES

Microbial Analysis Request Form (COC)

Company: Panacea, Inc. Client No.: Date: 1/4/2022

Street: 14905 Paramount Blvd., Suite H City: Paramount State: CA Zip: 90723

Contact: Steven Modtland Phone: 562-860-2869 Fax: E-mail: smodtland@panenv.com

Site: SNF Building PO / Job#: C21-948ATM

Comments:

Sample ID	Date / Time	Sample Location / Substrate	FOR AIR SAMPLES ONLY			Sample Area / Air Volume	Analysis Requested	Sample Type	Report Via:
			Time On/Off	Avg. LPM	Total Time				
XL20211230-N-19	12/30/21		12:36 12:41	15.5	5	77.5	<input checked="" type="checkbox"/> MOLD OR <input type="checkbox"/> BACTERIA	<input type="checkbox"/> Fax <input checked="" type="checkbox"/> E-Mail <input type="checkbox"/> Verbal	
XL20211230-N-20	12/30/21		12:46 12:51	15.5	5	77.5	<input type="checkbox"/> Spore Trap <input type="checkbox"/> Swab <input type="checkbox"/> Tape <input type="checkbox"/> Other	<input type="checkbox"/> Culture Media <input type="checkbox"/> Viable Samples <input type="checkbox"/> MEA <input type="checkbox"/> DG-18 <input type="checkbox"/> CMA <input type="checkbox"/> TSA <input type="checkbox"/> Cellulose	
XL20211230-N-21	12/30/21		12:55 13:00	15.5	5	77.5			
XL20211230-N-22	12/30/21		13:03 13:08	15.5	5	77.5			
XL20211230-N-23	12/30/21		13:41 13:46	15.5	5	77.5			
XL20211230-N-24	12/30/21		13:50 13:55	15.5	5	77.5			

Turn Around Time: 2-day turnaround DUE DATE: DUE TIME:

Sampled By: Xavier Lopez Date: 12/30/21 Time:

Shipped Via: Fed Ex DHL Airborne UPS US Mail Courier Drop Off Other:

Relinquished By: *J. Valenzuela* Date / Time: 1/5/22 8:34am Condition Acceptable? Yes No

Relinquished By: Date / Time: Condition Acceptable? Yes No

Received By: *[Signature]* Date / Time: 01/05/22 8:41AM Condition Acceptable? Yes No

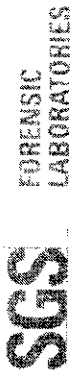
Received By: Date / Time: Condition Acceptable? Yes No

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Los Angeles Office: 20535 South Belshaw Ave., Carson, California 90746 / Telephone: (310)763-2374 * (888)813-9417 / Fax: (310)763-4450

Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, Nevada 89119 / Telephone: (702)784-0040 / Fax: (702)784-0030



Microbial Analysis Request Form (COC)

Company: Panacea, Inc.		Client No.:		Date: 1/4/2022				
Street: 14905 Paramount Blvd., Suite H		City: Paramount		State: CA Zip: 90723				
Contact: Steven Modtland		Phone: 562-860-2869		E-mail: smodtland@panenv.com				
Site: SNF Building		PO / Job#: C21-948ATM		Fax:				
Comments:								
Turn Around Time: 2-day turnaround		DUE DATE:		DUE TIME:				
Sample ID	Date / Time	Sample Location / Substrate	FOR AIR SAMPLES ONLY			Analysis Requested	Sample Type	Culture Media Viable Samples
			Time On/Off	Avg. LPM	Total Time			
XL20211230-N-25	12/30/21		14:00 14:05	15.5	5	77.5	<input checked="" type="checkbox"/> MOLD <input type="checkbox"/> OR <input type="checkbox"/> BACTERIA	<input type="checkbox"/> MEA <input type="checkbox"/> DG-18 <input type="checkbox"/> CMA <input type="checkbox"/> TSA <input type="checkbox"/> Cellulose
XL20211230-N-26	12/30/21		14:08 14:13	15.5	5	77.5		
XL20211230-N-27	12/30/21		14:17 14:22	15.5	5	77.5		
XL20211230-N-28	12/30/21		14:27 14:32	15.5	5	77.5		
Sampled By: Xavier Lopez						Date: 12/30/21	Time:	
Shipped Via: <input type="checkbox"/> Fed Ex <input type="checkbox"/> DHL <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Drop Off <input type="checkbox"/> Other:								
Relinquished By: <i>S. Valeri</i>						Relinquished By:		
Date / Time: 1/5/22 8:34am						Date / Time:		
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Received By: <i>[Signature]</i>						Received By:		
Date / Time: 01/05/22 8:41AM <i>PLC</i>						Date / Time:		
Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No						Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No		

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 Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, Nevada 89119 / Telephone: (702)784-0040 / Fax: (702)784-0030



Non-Viable Bulk Fungal Analysis

Panacea Inc.
Lorraina Valencia
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145924
SGSFL Job ID: 5572
Date Received: 01/06/22
Date Analyzed: 01/09/22
Date Printed: 01/10/22
First Reported: 01/10/22

Sample Type: Tape Lift
Analysis: Direct Microscopy - Qualitative (visual area estimation); Method IAQ 102
Job ID / Site: C21-948ATM; Metro - SNF Building Microbial

Total Samples Submitted: 2
Total Samples Analyzed: 2

Lab Number	60223217	60223218	
Sample ID	T-1	T-2	
Location			
Sample Date	01/06/22	01/06/22	
Organism	Relative Density	Relative Density	Relative Density
Cladosporium HYPHAE Penicillium / Aspergillus	Minor	ND	
	Major	Abundant	
	Abundant	Abundant	
Particulate Density	Major	Trace	
Comments	Penicillium phialides observed.	Penicillium phialides observed.	



Non-Viable Bulk Fungal Analysis

Panacea Inc.
Lorraina Valencia
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: F145924
SGSFL Job ID: 5572
Date Received: 01/06/22
Date Analyzed: 01/09/22
Date Printed: 01/10/22
First Reported: 01/10/22

Sample Type: Tape Lift
Analysis: Direct Microscopy - Qualitative (visual area estimation); Method IAQ 102
Job ID / Site: C21-948ATM; Metro - SNF Building Microbial

Total Samples Submitted: 2
Total Samples Analyzed: 2

Explanations:

Relative Density Relative amount of fungi present
ND None Detected
Particulate Density Amount of background particulate present
- Not Applicable

Density Estimated As Follows:

Trace 1 (<5% Occluded)
 Very little present
Minor 2 (>5% & <25% Occluded)
 Present but not in large quantity
Major 3 (>25% & <50% Occluded)
 Present in most of sample
Abundant 4 (>50% Occluded)
 Covering almost entire sample
Overloaded 5
 Covering entire sample

Guidelines For Interpretation of Non-Viable Bulk Results:

No accepted quantitative regulatory standards currently exist by which to assess the health risks related to mold exposure. Molds have been associated with a variety of health effects and sensitivity varies from person to person.

Several organizations, including: the American Conference of Governmental Industrial Hygienists (ACGIH); the American Industrial Hygiene Association (AIHA); the Indoor Air Quality Association (IAQA); the United States Environmental Protection Agency (USEPA); the Centers for Disease Control (CDC), as well as the California Department of Health Services (CADHS), have all published guidelines for assessment and interpretation of mold resulting from water intrusion in buildings.

SGSFL reports solely the organisms observed on the sample(s). The limit of detection is based on observing one spore/colony per area analyzed. This is not an inclusive list of the fungal types identified in the microbiology laboratory.

Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

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Microbial Analysis Request Form (COC)

Company: Panacea Inc.		Client No.:		Date: 01/06/2022	
Street: 14905 Paramount Blvd, Suite 'H'		City: Paramount		State: CA. Zip: 90723	
Contact: Lorraina Valencia		Phone: (562) 860-2869		E-mail: valencia@panenv.com	
Site: Metro - SNF Building - Microbial		Fax: (526) 528-7182		PO / Job#: C21-948ATM	
Comments:					
Turn Around Time: 2 Day Turn Around Time		DUE DATE:		DUE TIME:	
Sample ID	Date / Time	Sample Location / Substrate	FOR AIR SAMPLES ONLY		
			Time On/Off	Avg. LPM	Total Time
T-1	01/06/2022				
T-2	01/06/2022				
Sampled By: Steven Modtland			Date: 01/06/2022 Time:		
Shipped Via: <input type="checkbox"/> Fed Ex <input type="checkbox"/> DHL <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Drop Off <input type="checkbox"/> Other:					
Relinquished By: <i>Steven Modtland</i>		Relinquished By: <i>Steven Modtland</i>			
Date / Time: 1/6/22 / 1:51 PM		Date / Time: 1/6/22, 2:42 PM			
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Received By: <i>Steven Modtland</i>		Received By: <i>Steven Modtland</i>			
Date / Time: 1/6/22, 1:51 PM		Date / Time: 01-06-22 2:50 PM			
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

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 Los Angeles Office: 20535 South Belshaw Ave., Carson, California 90746 / Telephone: (310)763-2374 * (888)813-9417 / Fax: (310)763-4450
 Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, Nevada 89119 / Telephone: (702)784-0040 / Fax: (702)784-0030



PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.528.7182

ASBESTOS SURVEY REPORT



● F I N A L ●

*Metropolitan State Hospital
11401 Bloomfield Avenue
Norwalk, California 90650*



Prepared By:

Steven Modtland, CAC
Project Manager
CAC Certification No. 08-4373

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ASBESTOS SURVEY SUMMARY TABLE

FIGURES 1 TO 5

APPENDIX

- 2014 Asbestos Survey Report
- Building Inspector's Certification
- Laboratory Accreditation
- Laboratory Reports and Chain-of-Custody Records

Asbestos Survey Report

*Metropolitan State Hospital
11401 Bloomfield Avenue
Norwalk, California 90650*

1.0 INTRODUCTION

In 2014, an asbestos survey was conducted by Panacea, Inc. (Panacea) for upgrading the fire alarm system in twelve buildings throughout this facility, the buildings are listed below:

- Building 2 (Continuing Treatment East [CTE] Building and O.T. North and O.T. South)
- Building 2A (CTE Modular Trailer N.E.)
- Building 2B (CTE Modular Trailer S.E.)
- Building 2C (CTE Patient Support Module [PSM])
- Building 3 (Continuing Treatment West [CTW] Building and O.T. North and O.T. South)
- Building 3A (CTW PSM)
- Building 4 (Skilled Nursing Facility [SNF] Building)
- Building 4A (SNF Modular Trailer)
- Building 5 (100 Building)
- Building 6 (Hospital Police Officers [HPO] Building)
- Building 7 (Youth Administration Building [YAB Building])
- Visitor Center

The fire alarm upgrade is anticipated to impact the walls, ceilings, and materials in the plenum spaces above the ceilings. These suspect asbestos-containing materials (ACMs) were sampled and tested. Panacea's 2014 asbestos survey report is included in the Appendix.

In early 2021, the roof on the SNF building was removed, and installation of the new roof was not completed before it rained multiple times starting in July 2021. Additional rains occurred in October and December 2021, causing further damage to the interior of this building. The rain caused damage to floors, walls, and ceilings on the interior of this building. As a part of the water-intrusion assessment, an additional asbestos survey was conducted on January 5 and 6, 2022 by Steven Modtland (CAC No. 08-4373). Additional suspect ACMs were sampled and tested. The exterior of the building was not affected by the rain nor included in this survey.

The suspect materials impacted by the water-intrusion incident included ceiling and wall materials (see 2014 asbestos survey report), and cove base mastic and floor tiles (subject of this survey report).

The purpose of this report is to present the results of the additional asbestos survey conducted for materials that were not included in 2014 report. See Figures 1 to 5 for the areas covered by this survey and area designations for discussion purposes in this report.

2.0 OBJECTIVE

The objective of the work was to assess the likelihood that asbestos is present in concentrations greater than 1 percent in suspect, readily accessible construction materials that suffered water damage and were not included in the 2014 asbestos survey report.

3.0 GUIDELINES AND METHODOLOGY

3.1 SAMPLING STRATEGY

This asbestos survey was performed in general accordance with standard procedures recommended by the U.S. Environmental Protection Agency (EPA) and the requirements of the State of California Division of Occupational Safety and Health (DOSH, also commonly referred to as Cal/OSHA). Standard procedures for asbestos surveys do not include inspecting areas or collecting samples that would require complete destruction of walls, floors, or ceilings of a building, except in cases in which the survey is performed concurrently with demolition and renovation activities.

The sample collection strategy in this survey was based on the EPA's publication *Guidance for Controlling Asbestos-Containing Materials in Buildings* (EPA, 1985). This document specifies the methodology for sampling of friable materials, defined by the EPA as those materials that can be crumbled, pulverized, or reduced to powder by hand pressure when dry (EPA, 1985).

In addition, samples were collected from nonfriable materials judged to potentially contain asbestos. Nonfriable ACM can become friable when disturbed through work practices and/or handling (EPA, 1987). Such work practices can include grinding, sanding, and handling the material during removal activities.

The EPA specifies that ACM classified as friable, or that could become friable, is to be removed prior to demolition activities (EPA, 1990). According to the EPA (1985), nonfriable ACM represents a minimal hazard to the occupants of a building if the material is in a generally undamaged condition and used for its intended purpose. In addition, the National Emission Standards for Hazardous Air Pollutants (NESHAPs) and the South Coast Air Quality Management District (SCAQMD) require that both friable ACM and nonfriable ACM that could become friable (greater than 1 percent asbestos) be removed prior to renovation or demolition.

3.2 DEFINITIONS AND LABORATORY ANALYTICAL METHOD

When a material is found to contain asbestos in concentrations greater than 1 percent, it is defined by the EPA as an ACM (EPA, 1987). The California Construction Safety Orders for asbestos (Article 4 of Title 8, California Code of Regulations [CCR], Section 1529 [8 CCR 1529]) also defines ACM as containing greater than 1 percent asbestos (DOSH, 2014). However, Section 25919 of the California Health and Safety Code defines an asbestos-containing construction material (ACCM) as one that contains greater than 0.1 percent asbestos.

Under the California Health and Safety Code, employees, occupants, and others working in buildings must be notified of the presence of asbestos for materials containing greater than 0.1 percent asbestos. In addition, removal of more than 100 square feet (SF) of ACCM (less than 1 but greater than 0.1 percent asbestos) must be performed by a State of California-licensed asbestos abatement contractor.

Under DOSH requirements, worker/employee notification and training are required when a material contains greater than 1 percent asbestos in an area where workers/employees perform work (DOSH, 2014).

The analytical laboratory used for this project is accredited pursuant to Section 206(d) of the Toxic Substances Control Act (TSCA, 1976) to detect asbestos in bulk samples. The polarized light microscopy (PLM) method used by that laboratory has a detection limit of 1 percent. In our experience, quantification of asbestos in bulk samples at a level below 1 percent is not technically possible with a high degree of confidence with the use of PLM. Therefore, a material reported to have a trace percentage (less than 1 percent) of asbestos is most likely to contain less than 1 percent asbestos. However, under EPA's policy, it is treated as an ACM (greater than 1 percent) due to the detection limit of the laboratory method used.

Transmission electron microscopy-quantitative (TEM-quantitative) analysis has a detection limit below 0.1 percent by weight and can be performed on a material for further quantification. Since TEM-quantitative analysis costs 20 to 30 times more than PLM analysis, it is not typically used for the initial analysis of collected materials. In situations where PLM identifies a material containing less than 1 percent asbestos and there is a significant impact on the abatement operations and/or maintenance (O&M) costs, additional TEM-quantitative analysis would be justified.

Therefore, due to the detection limit of the PLM method used, the following options are available when a material is reported to contain a trace amount (or less than 1 percent) of asbestos:

- Assume that the material is an ACM (or greater than 1 percent asbestos).
- Perform additional PLM point-counting for 400 points per EPA validated method requirements. This option can result in the material with a detection limit of less than 0.25 percent asbestos or less than 1 percent asbestos or non-ACM. However, because the 0.25% detection limit and method's quantification by area, this method cannot be compared to the ACCM definition at 0.1 percent asbestos by weight.
- Perform additional TEM-quantitative analysis. This option can result in the material having a detection limit of less than 0.1 percent asbestos by weight. However, this analysis is the most expensive of the options.

For this project, ACM refers to the material found to contain greater than 1 percent asbestos (>1% asbestos).

For this project, ACCM refers to material found to contain greater than 0.1 percent but less than 1 percent asbestos by weight (>0.1% and <1.0% asbestos).

3.3 ACM CONDITIONS AND TERMINOLOGY

For purposes of discussion, the terms "undamaged" (good), "damaged," and "significantly damaged" refer to the condition of the construction materials from which the samples were collected at the time the

survey was conducted. These terms are applied based on the judgment of Panacea personnel who used the definitions in Title 40, Code of Federal Regulations (CFR), Part 763 (40 CFR 763) (EPA, 1987). The term "homogeneous area" is used herein in general accordance with its definition by the EPA as an area of surfacing material, thermal system insulation (TSI) material, or other miscellaneous material that is uniform in color and texture.

3.4 ESTIMATED AREA COVERED

When a material was reported to contain asbestos, the areas that appeared to be homogeneous with that material, in the judgment of Panacea's asbestos consultant, were included in the area estimation. The estimated area covered by ACM was obtained by linearly extrapolating the plot plans prepared by Panacea. In addition, corners of floor coverings and ceiling materials, such as carpeting and suspended ceiling tiles, were moved to check for potential hidden ACM. When an underlying or overlying layer of potential ACM was observed, it was sampled and analyzed. When the sample was reported to contain asbestos, the covered areas were assumed to be ACM. These areas are included as part of the area estimates.

When applicable, our estimate of wall materials (e.g., drywall, joint compound, and plaster) is based on the actual floor area covered. The actual wall/surface area of the material can be expected to be two to five times the floor area for the following reasons:

- It is presumed that, for a typical commercial and/or residential building, the wall area is approximately the same square footage as the floor area, and that a wall has two sides.
- In buildings with smaller partitioned rooms throughout, the actual wall area would be expected to exceed at least double the floor area.
- The ceiling area could be covered with material homogeneous to that on the wall, which would increase the overall square footage of the material.

3.5 ABATEMENT PRIORITY SYSTEM

An abatement priority system was developed, and priorities were assigned to various materials reported to contain asbestos (see survey summary table). The priority system is provided for O&M purposes only. Any ACM that is friable or has a potential to become friable should be removed prior to renovating or demolishing a building. The priorities are classified as follows:

- **Priority No. 1** - ACM should be removed immediately. This priority is typically used for friable, significantly damaged ACM.
- **Priority No. 2** - ACM should be removed as soon as possible. This priority is typically used for friable and damaged or nonfriable and significantly damaged ACM.
- **Priority No. 3** - ACM should be removed for potential liability reasons but can remain in place if materials remain in good condition. This priority is typically used for either friable and good or nonfriable and damaged ACM.

- **Priority No. 4** - ACM judged to pose a minimal health hazard and should be managed in place if materials remain in good condition. This priority is typically used for nonfriable ACM in good condition.
- **Priority No. 5** - ACCM (less than 1 percent) is judged to pose a minimal health hazard and is not regulated as ACM under DOSH or EPA. Therefore, no action is recommended for the materials.

For O&M purposes, we generally recommend that ACM of Priority Nos. 1 and 2 be removed as soon as possible and that Priority Nos. 3 and 4 be managed in place. No action is required for Priority No. 5 ACCM, except for notification requirements (see Section 3.2). However, the client's policies may differ.

For renovation and demolition purposes, we recommend that both friable ACM and nonfriable ACM that can become friable be removed by a qualified State of California-licensed asbestos contractor prior to renovation or demolition where ACM is likely to be disturbed. Although Priority No. 5 material (ACCM) is not classified as ACM, the demolition of more than 100 SF of such material must be performed by a State of California-licensed asbestos contractor.

4.0 ASBESTOS SURVEY RESULTS

Thirteen bulk samples of accessible suspect materials were collected and submitted to SGS Forensic Laboratories located at 20535 South Belshaw Avenue, Carson, California 90746 (NVLAP No. 101459-1), for analysis using PLM. Copies of the laboratory analytical report and chain-of-custody records are presented in the Appendix.

Based on restrictions and limitations, information obtained during this survey, laboratory analytical results, current regulatory guidelines and laws, and state-of-the-industry practices, Panacea summarized the data in the following table, indicating currently known ACM.

PRESENCE	LOCATIONS (Homogeneous Area)	ESTIMATED QUANTITY	PRIORITY NO.
ACM (>1% ASBESTOS)			
Black mastic associated with lifting floor tile, 1'x1', brown, dark brown specks	Included various areas in Unit A and Units 417, 418, and 420. See Figures 1, 2, 3, and 5.	~5,300 SF	3
Lifting floor tile and black mastic, 1'x1', light gray, gray and white specks	Included Unit A: hallway outside Rooms 143, 147, and 148. See Figure 1.	~860 SF	3
Lifting floor tile and black mastic, 1'x1', tan, brown streaks	Included Unit A: two (2) locations in Room 148. See Figure 1.	~200 SF	3

Notes:

1. SF = square feet; "~" = approximately.

The accompanying Asbestos Survey Summary Table presents detailed descriptions of materials sampled, sample locations, laboratory analytical results, and estimated quantities. Figures 1 to 5 depict the approximate sample locations, area designations, and homogeneous areas.

5.0 CONCLUSIONS / RECOMMENDATIONS

The following conclusions/recommendations are based on the information obtained during this survey, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the judgment of Panacea's personnel:

- There is a high likelihood that asbestos is present in concentrations greater than 1 percent in the following priority numbers and materials.
 - Priority Nos. 1 and 2 Materials – None present.
 - Priority No. 3 Materials – Lifting floor tile and black mastic in the table above should be removed as soon as possible.
 - Priority No. 4 and 5 Materials – None present.
- The attached asbestos survey summary table presents analytical results, descriptions of materials sampled, sample locations, estimated areas covered, homogeneous areas, and comments. Figures 1 to 5 depict the approximate sample locations, area designations, and homogeneous areas.
- Due to water ponding observed throughout the building, additional areas of floor tile may begin to loosen from the concrete floor and should be inspected for asbestos prior to removal.
- Both friable ACM and nonfriable ACM that could become friable should be removed prior to renovation or demolition.
- Outside contractors and tenants working in the building(s) should be notified regarding the presence, locations, and quantities of the friable and nonfriable ACM and ACCM. Applicable notification laws should be followed.
- The building owner and/or property manager should obtain an "asbestos-free certification" from any contractors installing or removing building materials and should notify the maintenance staff to use only "asbestos-free" products for any repair and maintenance work.
- The following rooms were inaccessible during the site visits:
 - Unit A: Rooms 116, 145, and transformer room.
 - Units 417, 418, and 419: Room 103 (in each unit).
 - Unit 420: Rooms 103, 121, and 162.
- No judgment was made for inaccessible construction materials or materials that had not been sampled and analyzed.

The above recommendations are intended to provide guidance for implementing procedures that, in Panacea's experience, are appropriate within the regulatory environment in the United States. These recommendations are not intended to constitute legal advice. It is possible that legal counsel familiar with

asbestos law might provide recommendations that would differ from those cited above and/or would advise compliance with regulations, guidelines, and laws not cited herein.

6.0 LIMITATIONS

The judgments and conclusions described in this report pertain to conditions judged to be present or applicable at the time the work was performed. Future conditions could differ from those described herein, and this report is not intended for use in future evaluations of the site unless an update is conducted by a qualified asbestos consultant.

Certain materials not sampled could contain asbestos in concentrations greater than 1 percent. These materials include concrete, electrical wrapping, materials inside electrical fixtures, brake shoes, gaskets, and other building materials that could be difficult to discern behind building components.

The estimated areas provided in this report are intended for discussion and management purposes only. The actual square footage of ACM or ACCM should be verified by qualified asbestos abatement contractor prior to abatement.

Although personnel who conducted the survey are certified under the Asbestos Hazard Emergency Response Act (AHERA) and an accredited laboratory performed the analyses, the asbestos survey described herein might not identify all ACM onsite. Possible reasons for this include inaccessible building features, unavailability of as-built drawings (specifying all building materials used in the structure), practical limitations to the number of samples that could be collected, and analytical method used (PLM). Furthermore, although a sample was collected from each material that appeared to be different (based on color and texture), homogeneity of content of similar materials cannot be guaranteed because similarity of color and texture does not assure that the same ingredients were used in their manufacture. It is possible that of two apparently similar materials, one or the other could or could not contain asbestos. Therefore, additional sampling and testing might be necessary to provide a higher confidence level regarding the presence of ACM.

Services performed by Panacea were conducted in a manner consistent with state-of-the-industry practices, recognizing that even the most comprehensive survey might not detect all ACM. Therefore, Panacea cannot act as an insurer or certify that the site is free of asbestos.

7.0 REFERENCES

California Division of Occupational Safety and Health (DOSH), 2014, *Construction Safety Orders*: Title 8, California Code of Regulations, Section 1529.

Toxic Substances Control Act (TSCA), 1976, Asbestos Hazard Emergency Response: Title II, Section 206, 15 United States Code 2601-2671.

U.S. Environmental Protection Agency (EPA), 1990, Federal Register, National Emission Standards for Hazardous Air Pollutants (NESHAPs), Asbestos Revision, Final Rule: U.S. Environmental Protection Agency, Title 40, Code of Federal Regulations, Part 61, 20 November 1990, pp. 48406 to 48433.

EPA, 1987, Federal Register, *Asbestos Hazard Emergency Response Act (AHERA), Asbestos-Containing Materials in Schools, Final Rule and Notice*: U.S. Environmental Protection Agency, Title 40, Code of Federal Regulations, Part 763, 30 October 1987, pp. 41826 to 41905.

EPA, 1985, *Guidance for Controlling Asbestos-Containing Materials in Buildings*: Office of Pesticides and Toxic Substances, U.S. Environmental Protection Agency, Publication Number 560/5/85-024, May 1985.

ASBESTOS SURVEY SUMMARY TABLE

ASBESTOS SURVEY SUMMARY TABLE

Metropolitan State Hospital - SNF Building

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
B-001 Priority No.	ND	Cove base mastic, brown	Ground floor, Unit 417, Room 145			
B-002 Priority No.	ND	Cove base mastic, brown and beige	Ground floor, Unit 420, Room 101			
B-003 Priority No.	ND	Cove base mastic, brown and beige	Ground floor, Unit A, hallway outside Room 124			
B-004 Priority No. 3	FT=ND, MAS=2% CH	Lifting floor tile and black mastic, 1'x1', brown, dark brown specks	Ground floor, Unit 420, Room 101	~5,300 SF	Included various areas in Unit A and Units 417, 418, and 420. See Figures 1, 2, 3, and 5.	Nonfriable and in damaged condition.
B-005 Priority No. 3	FT=ND, MAS=2% CH	Lifting floor tile and black mastic, 1'x1', brown, dark brown specks	Ground floor, Unit 417, hallway outside Room 116	0	Included in B-004.	Nonfriable and in damaged condition.
B-006 Priority No. 3	FT=ND, MAS=2% CH	Lifting floor tile and black mastic, 1'x1', brown, dark brown specks	Ground floor, Unit A, hallway south of mechanical equipment room (Room 142)	0	Included in B-004.	Nonfriable and in damaged condition.
B-007 Priority No. 3	FT=2% CH, MAS=2% CH	Lifting floor tile and black mastic, 1'x1', light gray, gray and white specks	Ground floor, Unit A, hallway outside Room 124	~860 SF	Included Unit A: hallway outside Rooms 143, 147, and 148. See Figure 1.	Nonfriable and in damaged condition.
B-008 Priority No. 3	FT=2% CH, MAS=2% CH	Lifting floor tile and black mastic, 1'x1', light gray, gray and white specks	Ground floor, Unit A, hallway outside Room 147	0	Included in B-007.	Nonfriable and in damaged condition.
B-009 Priority No. 3	FT=2% CH, MAS=2% CH	Lifting floor tile and black mastic, 1'x1', light gray, gray and white specks	Ground floor, Unit A, hallway outside Room 117	0	Included in B-007.	Nonfriable and in damaged condition.
B-010 Priority No. 3	FT=2% CH, MAS=2% CH	Lifting floor tile and black mastic, 1'x1', tan, brown streaks	Ground floor, southeastern portion, Unit A, Room 148	~200 SF	Included Unit A: two (2) locations in Room 148. See Figure 1.	Nonfriable and in damaged condition.

ASBESTOS SURVEY SUMMARY TABLE

Metropolitan State Hospital - SNF Building

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
B-011 Priority No. 3	FT=2% CH, MAS=2% CH	Lifting floor tile and black mastic, 1'x1', tan, brown streaks	Ground floor, eastern portion, Unit A, Room 148	0	Included in B-010.	Nonfriable and in damaged condition.
B-012 Priority No. 3	FT=2% CH, MAS=2% CH	Lifting floor tile and black mastic, 1'x1', tan, brown streaks	Ground floor, northeastern portion, Unit A, Room 148	0	Included in B-010.	Nonfriable and in damaged condition.
B-013 Priority No.	ND	Fiberboard and joint compound, tan and white	Ground floor, Unit 417, hallway outside Room 111, on wall dividing hallway			

NOTES (Where Applicable):

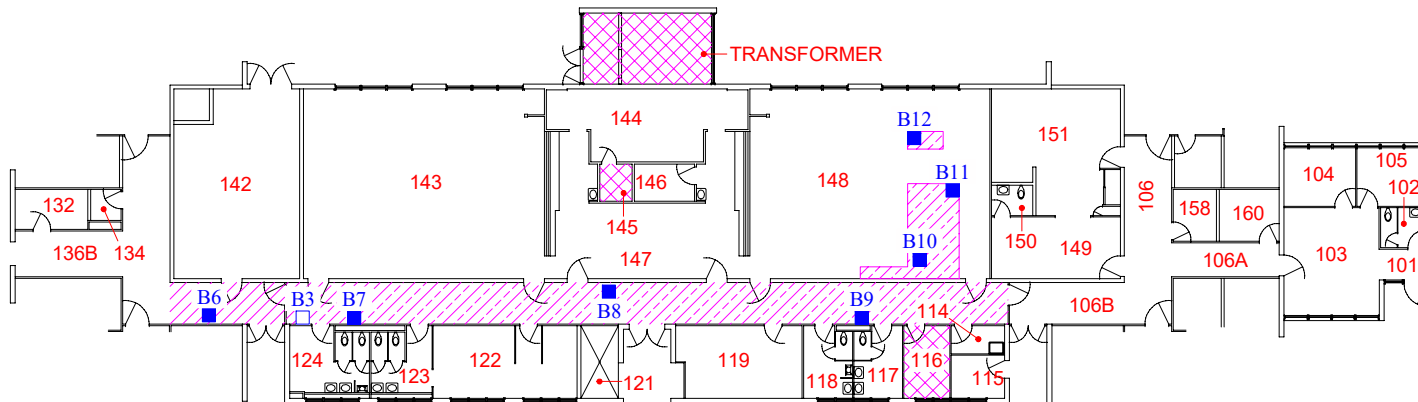
1. This summary table is intended to be used with the figure(s) prepared by Panacea, Inc. Please refer to the figure(s) for the room or area designations.
2. Estimated area covered is intended for discussion and management purposes only. Actual square footage may vary. Other asbestos-containing materials (ACMs) may be present in inaccessible areas.
3. AC = actinolite; AM = amosite; AN = anthophyllite; CH = chrysotile; CR = crocidolite; TR = tremolite.
4. <1% = trace amount of asbestos; "+" = positive; ND = none detected.
5. "~" = approximately; "<" = less than; ">" = greater than; LF = linear feet; OD = outside diameter; SF = square feet.
6. "x" = times; FP = floor plan; HVAC = heating, ventilation, and air conditioning unit; OH = overhang.
7. PLM = polarized light microscopy; TEM = transmission electron microscopy.
8. BLK = black; BN = brown; GY = gray; SI = silver, WH = white; YEL = yellow; OWH = off-white; BG = beige.
9. CB = cove base; CBM = cove base mastic; CT = ceiling tile; DI = duct insulation; DW = wallboard (drywall); ES = Exterior Stucco; FC = finish coat; FLC = floor leveling compound; FM = flooring material; FT = floor tile; HDT = HVAC duct tape material; HDS = HVAC duct sealant material; HDW = HVAC duct wrapping material; IS = Interior Stucco; LN = linoleum; MAS = mastic; PI = pipe insulation; PRC = plastic roof cement; RM = roofing material; SFP = silver foil paper; SP = silver paint sealant; SACTM = spray-applied ceiling texture material.
10. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for a composite system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered by joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
11. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
12. EPA = U.S. Environmental Protection Agency; Cal/OSHA or DOSH = California Division of Occupational Safety and Health.

FIGURES 1 TO 5



LEGEND

- Bulk Sample Location (Negative or <math><0.1\%</math> Asbestos)
- Bulk Sample Location (Positive, >1% Asbestos)
- Lifting Floor Tile and Black Mastic (>1% Asbestos)
- Lifting Floor Tile (Negative) and Black Mastic (>1% Asbestos)
- Inaccessible Room

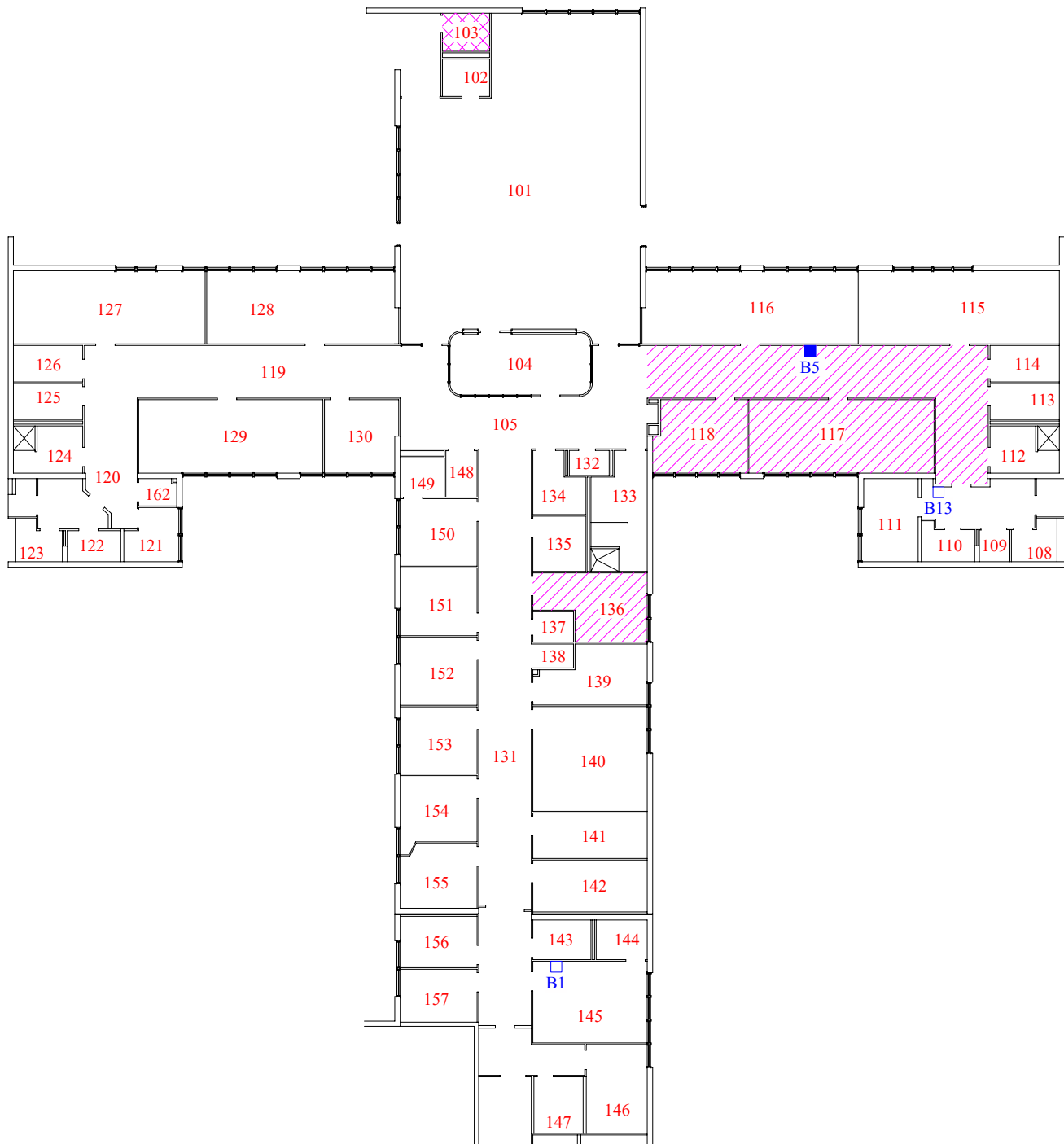


GENERAL NOTES





1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
 SNF BUILDING
 UNIT A - FLOOR PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

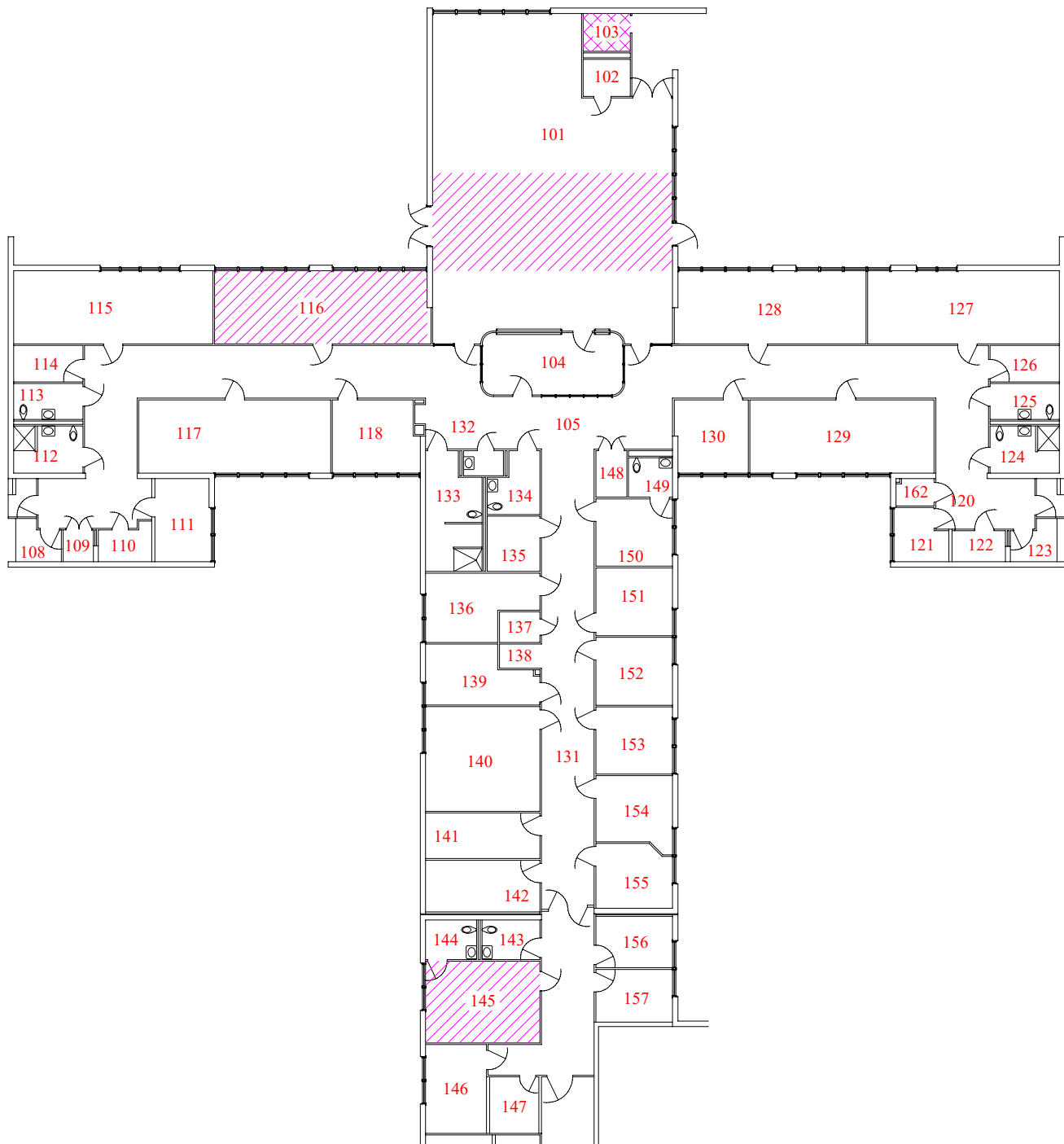
-  Bulk Sample Location (Negative or <math><0.1\%</math> Asbestos)
-  Bulk Sample Location (Positive, >1% Asbestos)
-  Lifting Floor Tile (Negative) and Black Mastic (>1% Asbestos)
-  Inaccessible Room

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
 SNF BUILDING
 UNIT 417 - FLOOR PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

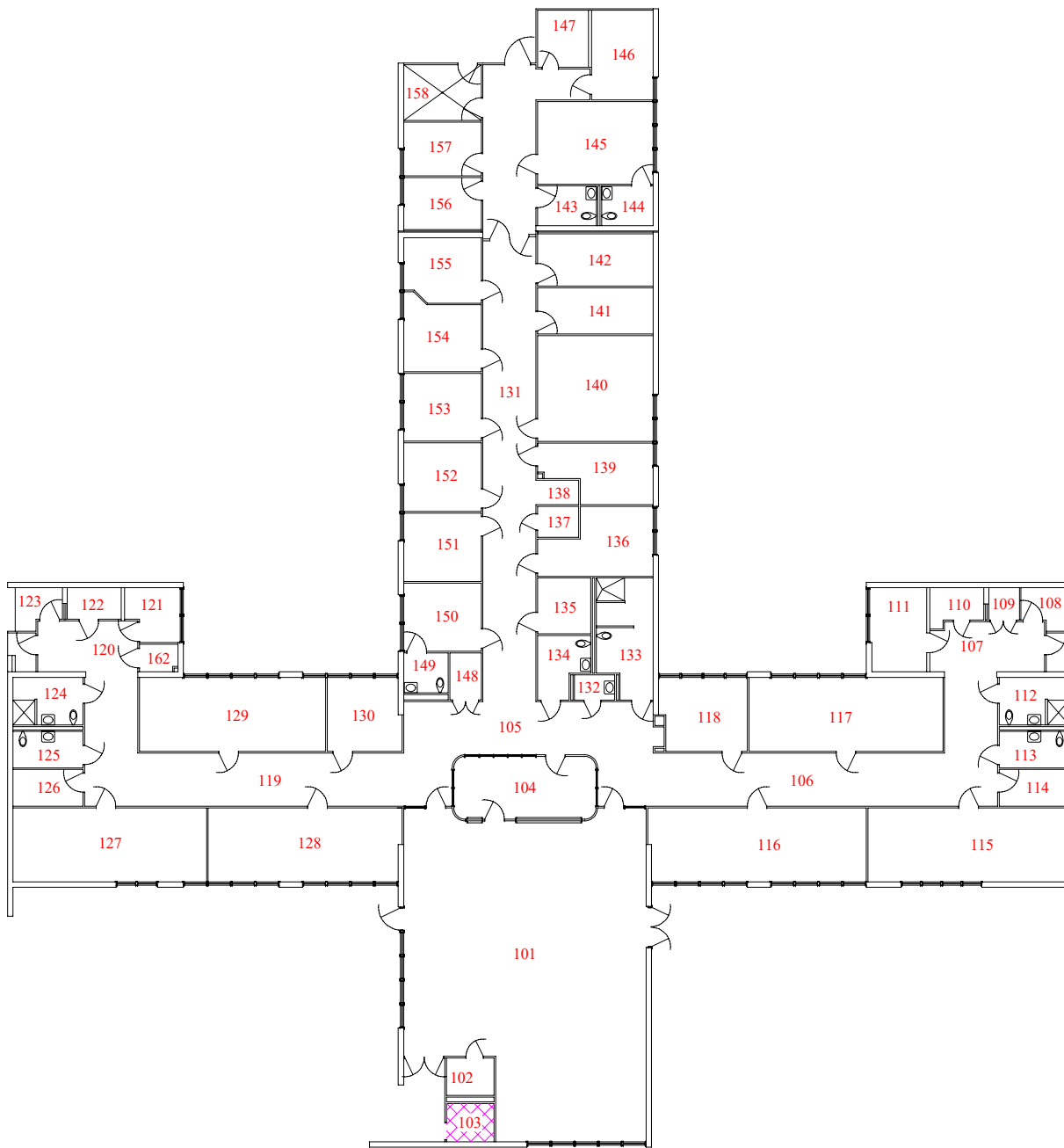
- Lifting Floor Tile (Negative) and Black Mastic (>1% Asbestos)
- Inaccessible Room

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
 SNF BUILDING
 UNIT 418 - FLOOR PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LIFTING FLOOR TILES WERE NOT OBSERVED IN THIS UNIT



LEGEND

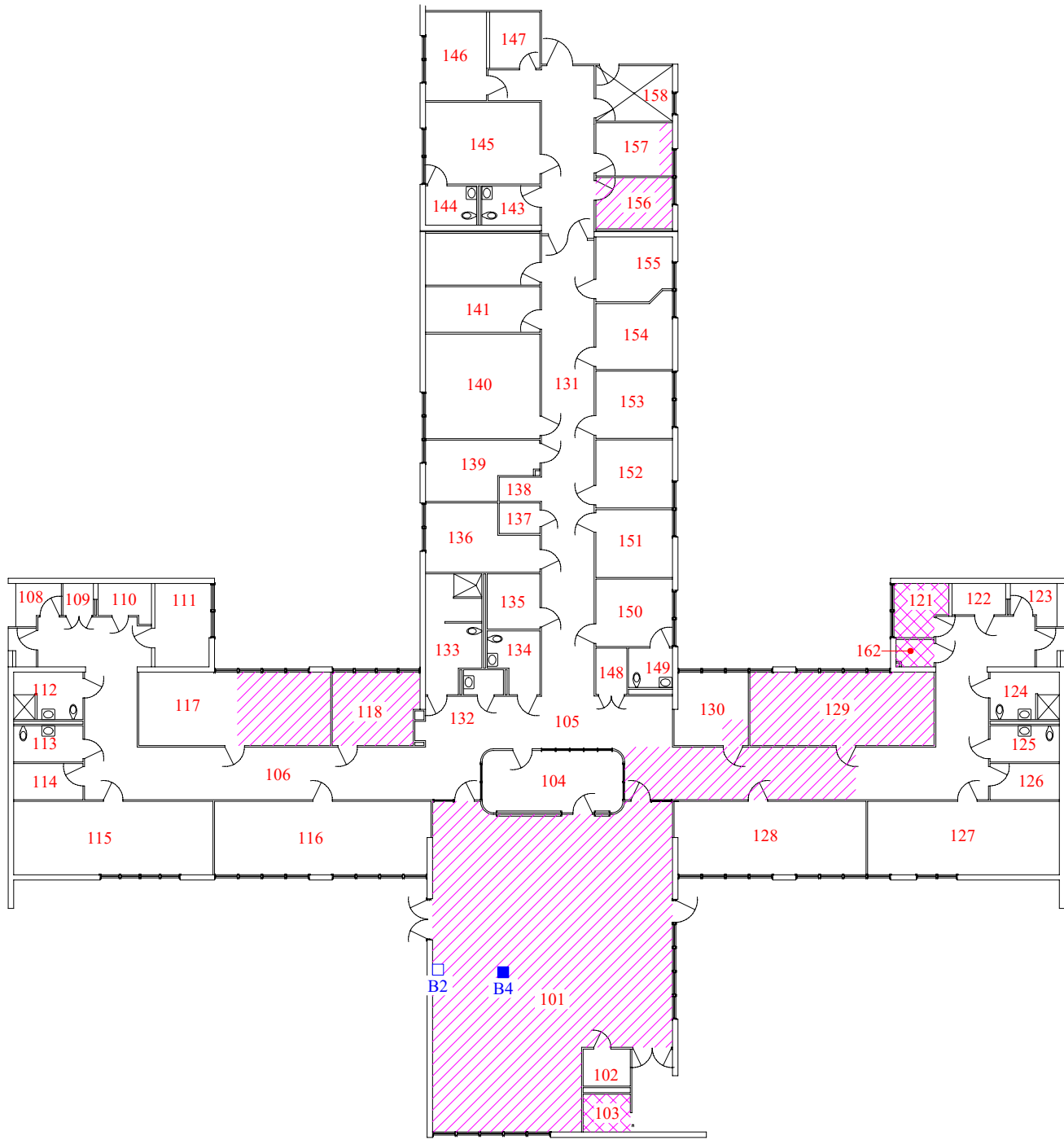
 Inaccessible Room

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
 SNF BUILDING
 UNIT 419 - FLOOR PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA



LEGEND

- Bulk Sample Location (Negative or <0.1% Asbestos)
- Bulk Sample Location (Positive, >1% Asbestos)
- Lifting Floor Tile (Negative) and Black Mastic (>1% Asbestos)
- Inaccessible Room

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from the client.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
 SNF BUILDING
 UNIT 420 - FLOOR PLAN
 11401 BLOOMFIELD AVENUE
 NORWALK, CALIFORNIA

APPENDIX

2014 Asbestos Survey Report

Building Inspector's Certification

Laboratory Accreditation

Laboratory Reports and Chain-of-Custody Records



PANACEA, INC.

Environmental Services

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LIMITED ASBESTOS SURVEY REPORT



• Final •

*Metropolitan State Hospital
Norwalk, California*

Prepared by:

Steven Modtland, CAC
Project Manager
CAC Certification No. 08-4373



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- Likelihood Statements

LIMITED ASBESTOS SURVEY

Metropolitan State Hospital Norwalk, California

1.0 INTRODUCTION

The limited asbestos survey was conducted from May 21 to July 28, 2014, at the above-referenced site as part of a planned upgrade of the fire alarm system and was limited to the following:

- The walls and ceilings of the buildings listed below (see Site Plan – Figure 1).
 - Building 2 (Continuing Treatment East [CTE] Building and O.T. North and O.T. South)
 - Building 2A (CTE Modular Trailer N.E.)
 - Building 2B (CTE Modular Trailer S.E.)
 - Building 2C (CTE Patient Support Module [PSM])
 - Building 3 (Continuing Treatment West [CTW] Building and O.T. North and O.T. South)
 - Building 3A (CTW PSM)
 - Building 4 (Skilled Nursing Facility [SNF] Building)
 - Building 4A (SNF Modular Trailer)
 - Building 5 (100 Building)
 - Building 6 (Hospital Police Officers [HPO] Building)
 - Building 7 (Youth Administration Building [YAB] Building)
 - Visitor Center
- Nine samples of each type (sand texture versus smooth texture) of plaster walls and ceiling were collected from CTE, CTW, SNF, and 100 buildings. Not all of the areas in these buildings were characterized. However, based on observed areas, the overall building conditions appeared to be homogeneous. Therefore, the materials were assumed to be homogeneous throughout each building and samples were collected from evenly distributed areas.

- Plaster walls were assumed to be a different homogeneous material from the plaster ceilings for the purpose of this sampling because previous survey results suggested inhomogeneity of the materials.
- Other nonplaster walls and ceilings were also sampled from the site buildings if present.
- Readily accessible areas above the ceiling were randomly checked for potential asbestos-containing material (ACM). However, only suspect ACM that may be impacted by the fire alarm system upgrade were sampled.

For discussion purposes in this report, ACM and asbestos-containing construction material (ACCM) are defined as follows:

- **ACM** – Material containing greater than 1 percent asbestos, and
- **ACCM** – Material containing greater than 0.1 percent asbestos by weight and less than 1 percent asbestos by weight.

2.0 GUIDELINES, TERMINOLOGY, AND EVALUATION CRITERIA

2.1 SAMPLING STRATEGY

The sampling strategy was based on the above limitations/criteria and was performed in general accordance with standard procedures recommended by the U.S. Environmental Protection Agency (EPA) and the requirements of the State of California Division of Occupational Safety and Health (DOSH). Standard procedures for asbestos surveys do not include inspecting areas or collecting samples that would require complete destruction of walls, floors, or ceilings of a building except in cases in which the survey is performed concurrently with demolition and renovation activities.

The sample collection strategy in this survey was based on the EPA's publication, *Guidance for Controlling Asbestos-Containing Materials in Buildings* (EPA, 1985). This document specifies the methodology for sampling of friable materials, defined by the EPA as those materials that can be crumbled, pulverized, or reduced to powder by hand pressure when dry (EPA, 1985).

In addition, samples were collected from nonfriable materials judged to potentially contain asbestos. Nonfriable ACM can become friable when disturbed through work practices and/or handling (EPA, 1987). Such work practices can include grinding, sanding, and handling the material during removal activities.

The EPA specifies that ACM classified as friable, or that could become friable, is to be removed prior to demolition activities (EPA, 1990). According to the EPA (1985), nonfriable ACM represents a minimal hazard to the occupants of a building as long as the material is in a generally undamaged condition and used for its intended purpose. In addition, the National Emission Standards for Hazardous Air Pollutants (NESHAPs) and the South Coast Air Quality Management District (SCAQMD) require that both friable ACM and nonfriable ACM that could become friable (greater than 1 percent asbestos) be removed prior to renovation or demolition.

2.2 DEFINITIONS AND LABORATORY ANALYTICAL METHOD

When a material is found to contain asbestos in concentrations greater than 1 percent, it is defined by the EPA as an ACM (EPA, 1987). The California Construction Safety Orders for asbestos (Article 4 of Title 8, California Code of Regulations [CCR], Section 1529 [8 CCR 1529]) also define ACM as containing greater than 1 percent asbestos (DOSH, 1996). However, Section 25919 of the California Health and Safety Code defines an ACCM as one that contains greater than 0.1 percent asbestos (California Health and Safety Code).

Under the California Health and Safety Code, asbestos notification to employees, occupants, and others working in buildings is required for materials containing greater than 0.1 percent asbestos. In addition, removal of more than 100 square feet (SF) of ACCM (less than 1 but greater than 0.1 percent asbestos) still requires a State of California-licensed asbestos abatement contractor.

Under DOSH requirements, worker/employee notification and training are required when a material contains greater than 1 percent asbestos in an area where workers/employees perform work (DOSH, 1996).

The analytical laboratory used for this project is accredited pursuant to Section 206(d) of the Toxic Substances Control Act (TSCA, 1976) to detect asbestos in bulk samples. The polarized light microscopy (PLM) method used by that laboratory has a detection limit of 1 percent. In our experience, quantification of asbestos in bulk samples at a level below 1 percent is not technically possible with a high degree of confidence when PLM is used. Furthermore, PLM results are technically based on an "area" percentage. Therefore, a material reported to have a trace percentage (less than 1 percent) of asbestos should be treated as an ACCM (greater than 0.1 percent by weight) due to the detection limit of the laboratory method used.

Materials collected during this survey contained trace amounts of asbestos under PLM and were assumed to be ACCM. Selected ACCMs were further quantified using transmission electron microscopy-quantitative (TEM-quantitative) analysis to determine the weight percentage of the ACCM. When an assumed ACCM is reported to contain at or below 0.1 percent asbestos by weight, then it is a non-ACM and non-ACCM. Therefore, asbestos-regulations are not applicable.

2.3 ACM CONDITIONS AND TERMINOLOGY

For purposes of discussion, the terms "undamaged" (good), "damaged," and "significantly damaged" refer to the condition of the construction materials from which the samples were collected at the time the survey was conducted. The terms are applied based on the judgment of personnel from Panacea who used the definitions in Title 40, Code of Federal Regulations (CFR), Part 763 (40 CFR 763) (EPA, 1987). The term "homogeneous area" is used herein in general accordance with its definition by the EPA as an area of surfacing material, thermal system insulation (TSI) material, or other miscellaneous material that is uniform in color and texture.

2.4 ESTIMATED AREA COVERED

When a material was reported to contain asbestos, the areas that appeared to be homogeneous with that material, in the judgment of Panacea's asbestos consultant, were included in the area estimation. The estimated area covered by ACM was obtained by linearly extrapolating the plot plans prepared by Panacea. In addition, corners of floor covering and ceiling material, such as carpeting and suspended ceiling tiles, were lifted and checked for potential ACM under or above. When an underlying or overlying layer of potential ACM was observed, it was sampled and analyzed. When the sample was reported to contain asbestos, the covered areas were assumed to be ACM. These areas are included as part of the area estimates.

When applicable, our estimate of wall materials (e.g., drywall, joint compound, and plaster) is based on the actual floor area covered. The actual wall/surface area of the material can be expected to be two to five times the floor area for the following reasons:

- It is presumed that a typical building (commercial and/or residential) has approximately the same square footage for the wall area as for the floor area and that a wall has two sides.
- In buildings with smaller partitioned rooms throughout, the actual wall area would be expected to exceed at least two times the floor area.
- The ceiling area could be covered with material homogeneous to that on the wall, which would increase the overall square footage of the material.

2.5 ABATEMENT PRIORITY SYSTEM

An abatement priority system was developed by Panacea and priorities were assigned to various materials reported to contain asbestos (see survey summary table). The priority system is provided for operations and maintenance purposes only. Any ACM that is friable or has a potential to become friable should be removed prior to renovating or demolishing the building. The priorities are classified as follows:

- **Priority No. 1** – ACM should be removed immediately. This priority is typically used for friable, significantly damaged ACM.
- **Priority No. 2** – ACM should be removed as soon as possible. This priority is typically used for friable and damaged or nonfriable and significantly damaged ACM.
- **Priority No. 3** – ACM should be removed for potential liability reasons but can remain in place as long as materials remain in good condition. This priority is typically used for either friable and good or nonfriable and damaged ACM.
- **Priority No. 4** – ACM judged to pose a minimal health hazard and should be managed in place as long as materials remain in good condition. This priority is typically used for nonfriable ACM in good condition.

- **Priority No. 5** – ACCM (less than 1 percent) is judged to pose a minimal health hazard and is not regulated as ACM under DOSH and EPA. Therefore, no action is recommended for this material.

For operations and maintenance (O&M) purposes, we generally recommend that Priority Nos. 1 and 2 ACM be removed as soon as possible and that Priority Nos. 3 and 4 ACM be managed in place. No action is required for Priority No. 5 ACCM, except for notification requirements discussed above. However, the client's policies may differ.

For renovation and demolition purposes, we recommend that both friable ACM and nonfriable ACM that can become friable be removed by a qualified State of California-licensed asbestos contractor prior to renovation or demolition where disturbance to ACM is likely. Although Priority No. 5 material (ACCM) is not classified as ACM, the demolition of more than 100 SF of such material still requires a State of California-licensed asbestos contractor.

3.0 ASBESTOS SURVEY RESULTS

Detailed Asbestos Survey Summary Table(s) Included in This Report?	Yes
Detailed Floor Plan(s) With Room Designations Included in This Report?	Yes
Inaccessible Area(s) Encountered During Site Visit?	No
Positive ACM Summarized Below?	Yes

Samples of accessible suspect materials were collected and submitted to Forensic Analytical Specialties, Inc. for analysis using PLM. Copies of the laboratory analytical report and chain-of-custody records are attached.

The accompanying asbestos survey summary tables present detailed descriptions of materials sampled, sample locations, laboratory analytical results, and estimated quantities. Figures 2 to 19 depict the approximate locations where samples were collected.

3.1 BUILDING 2 (CTE BUILDING AND O.T. NORTH AND O.T. SOUTH)

Eighty-three bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, the presence, location, and estimated quantity of identified ACM and/or ACCM are noted below.

PRESENCE	LOCATION (HOMOGENEOUS AREA)	ESTIMATED QUANTITY	PRIORITY NO.
ACCM (<1% Asbestos)			
Brown mastic on ceiling tile, 1'x1', white, brown matrix with random holes	Included brown ceiling tile mastic in Rooms #101 and #105 in O.T. North and O.T. South. See Figure 17.	~4,000 SF	5

Notes:

“~” = approximately; “<” = less than; SF = square feet

3.2 BUILDING 2A (CTE MODULAR TRAILER N.E.)

Four bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, asbestos was not detected in the samples collected.

3.3 BUILDING 2B (CTE MODULAR TRAILER S.E.)

Three bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, asbestos was not detected in the samples collected.

3.4 BUILDING 2C (CTE PSM)

Three bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, asbestos was not detected in the samples collected.

3.5 BUILDING 3 (CTW BUILDING AND O.T. NORTH AND O.T. SOUTH)

Eighty-two bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, the presence, location, and estimated quantity of identified ACM and/or ACCM are noted below.

PRESENCE	LOCATION (HOMOGENEOUS AREA)	ESTIMATED QUANTITY	PRIORITY NO.
ACM (>1% Asbestos)			
Pipe insulation, elbow, 3” OD, beige	Included ~2 pipe elbows in the crawlspace. One elbow on north portion is significantly damaged, and one elbow on west portion is in good condition.	~2 elbows	1
ACCM (<1% Asbestos)			
Brown mastic on ceiling tile, 1'x1', white, brown matrix with random holes	Included brown ceiling tile mastic in Rooms #101 and #105 in O.T. North and O.T. South. See Figure 17.	~4,000 SF	5

Notes:

“~” = approximately; “>” = greater than; “<” = less than; SF = square feet

3.6 BUILDING 3A (CTW PSM)

Three bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, asbestos was not detected in the samples collected.

3.7 BUILDING 4 (SNF BUILDING)

Sixty-six bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, asbestos was not detected in the samples collected.

3.8 BUILDING 4A (SNF MODULAR TRAILER)

Two bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, asbestos was not detected in the samples collected.

3.9 BUILDING 5 (100 BUILDING)

Eighty-six bulk samples of accessible suspect materials were collected and analyzed.

One sample number (100-B-000.1) was used to designate pipe joint material assumed to be an ACM. This material was observed in the ceiling space with limited access inside this building.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, the presence, location, and estimated quantity of identified ACM and/or ACCM are noted below.

PRESENCE	LOCATION (HOMOGENEOUS AREA)	ESTIMATED QUANTITY	PRIORITY NO.
ACM (>1% Asbestos)			
Assumed ACM – Pipe joints (i.e., elbows, tees, ends, valves, etc.)	Observed in the ceiling space with limited access in this building.	Unknown	3
ACCM (<1% Asbestos)			
Brown mastic on ceiling tile, 1'x1', white, brown matrix with random holes	Included brown ceiling tile mastic in various areas in Units #103, #104, and #2. See Figures 12 and 13.	~16,000 SF	5

Notes:

“~” = approximately; “>” = greater than; “<” = less than; SF = square feet

3.10 BUILDING 6 (HPO BUILDING)

Thirty-seven bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, the presence, location, and estimated quantity of identified ACM and/or ACCM are noted below.

PRESENCE	LOCATION (HOMOGENEOUS AREA)	ESTIMATED QUANTITY	PRIORITY NO.
ACM (>1% Asbestos)			
Joint compound, white	Included JC on walls on 1 st and 2 nd floors. See Figure 15.	~3,000 SF	4

Notes:

“~” = approximately; “>” = greater than; SF = square feet; JC = joint compound

3.11 BUILDING 7 (YAB BUILDING)

Sixty-one bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, the presence, location, and estimated quantity of identified ACM and/or ACCM are noted below.

PRESENCE	LOCATION (HOMOGENEOUS AREA)	ESTIMATED QUANTITY	PRIORITY NO.
ACM (>1% Asbestos)			
Joint compound, white	Included JC on walls in Rooms #100 and #135. See Figure 16.	~300 SF	4
Joint compound, white, unfinished	Included JC above ceiling tile in various areas of the building. See Figure 16.	~15,000 SF	4

Notes:

“~” = approximately; “>” = greater than; SF = square feet; JC = joint compound

3.12 VISITOR CENTER

Seven bulk samples of accessible suspect materials were collected and analyzed.

Based on the scope of work, site observations, accessibility of the materials and building area, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the professional judgment of Panacea personnel, asbestos was not detected in the samples collected.

4.0 CONCLUSIONS/RECOMMENDATIONS

The following conclusions/recommendations are based on the information obtained during this survey, laboratory analytical results, current regulatory guidelines and laws, state-of-the-industry practices, and the judgment of Panacea's personnel:

- There is a high likelihood that asbestos is present in concentrations greater than 1 percent.
- Priority No. 1 Material – CTW Building – Pipe insulation material on one elbow in significantly damaged condition. This material constitutes a potentially hazardous condition and should be removed if contact or disturbance to this material is likely.

- Priority No. 2 Material – None present.
- Priority No. 3 Material – Priority No. 3 materials listed below should be removed for potential liability reasons but can remain in place as long as materials remain in good condition and should be removed prior to renovation or demolition.
 - CTW Building – Pipe insulation material on one elbow in good condition.
 - 100 Building – Pipe joints (i.e., elbows, tees, ends, valves, etc.) observed in the ceiling space with limited access in this building. This material was assumed to be an ACM and in good condition. If damaged joints are observed during renovation or demolition, then they should be treated as a Priority No. 1 material.
- Priority No. 4 Material – Priority No. 4 materials listed below can be managed in place as long they remain in good condition and should be removed prior to renovation or demolition:
 - HPO Building – Joint compound on walls.
 - YAB Building – Joint compound on walls and ceiling above 1'x1' ceiling tile.
- Priority No. 5 Material – No action is necessary for Priority No. 5 materials as long they remain in good condition. However, renovation or demolition of more than 100 SF of such material still requires a State of California-licensed asbestos contractor.
 - O.T. North and O.T. South (CTE Building) – Brown mastic on 1'x1' ceiling tile.
 - O.T. North and O.T. South (CTW Building) – Brown mastic on 1'x1' ceiling tile.
 - 100 Building – Brown mastic on 1'x1' ceiling tile.
- Friable ACM and nonfriable ACM that could become friable should be removed prior to renovation or demolition.
- Outside contractors and tenants working in the subject building should be notified regarding the presence and locations of the friable and nonfriable ACM. Applicable notification laws should be followed.
- The building owner and/or property manager should obtain an "asbestos-free certification" from any contractors installing or removing building materials and should notify the maintenance staff to use only "asbestos-free" products for any repair and maintenance work.
- No judgment was made for inaccessible construction materials or materials that had not been sampled and analyzed.

These likelihood statements are presented and defined in the Appendix. The above recommendations are intended to provide guidance for implementing procedures that, in Panacea's experience, are appropriate within the regulatory environment in the United States. These recommendations are not intended to constitute legal advice. It is possible that legal counsel familiar with asbestos law might provide recommendations that would differ from those cited above and/or would advise compliance with regulations, guidelines, and laws not cited herein.

5.0 LIMITATIONS

The judgments and conclusions described in this report pertain to conditions judged to be present or applicable at the time the work was performed. Future conditions could differ from those described herein, and this report is not intended for use in future evaluations of the site unless an update is conducted by a qualified asbestos consultant.

Certain materials not sampled could contain asbestos in concentrations greater than 1 percent. These materials include concrete, electrical wrapping, materials inside electrical fixtures, brake shoes, gaskets, and other building materials that could be difficult to discern behind building components.

The estimated areas covered for the extent of ACM noted in the summary table accompanying this report are intended for discussion and management purposes only. The actual square footage of ACM should be verified by qualified asbestos abatement contractors prior to abatement.

Although personnel who conducted the survey are certified under the Asbestos Hazard Emergency Response Act (AHERA) and an accredited laboratory performed the analyses, the asbestos survey described herein might not identify all ACM onsite. Possible reasons for this include inaccessible building features, unavailability of as-built drawings (specifying all building materials used in the structure), practical limitations to the number of samples that could be collected, and analytical method used (PLM). Furthermore, although a sample was collected from each material that appeared to be different (based on color and texture), homogeneity of content of similar materials cannot be guaranteed because similarity of color and texture does not assure that the same ingredients were used in their manufacture. It is possible that of two apparently similar materials, one or the other could or could not contain asbestos. Therefore, additional sampling and testing might be necessary to provide a higher confidence level regarding the presence of ACM in the building.

Services performed by Panacea were conducted in a manner consistent with state-of-the-industry practices, recognizing that even the most comprehensive survey might not detect all ACM in the building. Therefore, Panacea cannot act as an insurer or certify that the site is free of asbestos.

6.0 REFERENCES

California Division of Occupational Safety and Health (DOSH), 1996, *Construction Safety Orders*: Title 8, California Code of Regulations, Section 1529.

California Health and Safety Code, Division 20, Chapter 10.4, Section 25919.

Toxic Substances Control Act (TSCA), 1976, *Asbestos Hazard Emergency Response*: Title II, Section 206, 15 United States Code 2601-2671.

U.S. Environmental Protection Agency (EPA), 1990, Federal Register, *National Emission Standards for Hazardous Air Pollutants (NESHAPs), Asbestos Revision, Final Rule*: U.S. Environmental Protection Agency, Title 40, Code of Federal Regulations, Part 61, 20 November 1990, pp. 48406 to 48433.

EPA, 1987, Federal Register, *Asbestos Hazard Emergency Response Act (AHERA), Asbestos-Containing Materials in Schools, Final Rule and Notice*: U.S. Environmental Protection Agency, Title 40, Code of Federal Regulations, Part 763, 30 October 1987, pp. 41826 to 41905.

EPA, 1985, *Guidance for Controlling Asbestos-Containing Materials in Buildings*: Office of Pesticides and Toxic Substances, U.S. Environmental Protection Agency, Publication Number 560/5/85-024, May 1985.

ASBESTOS SURVEY SUMMARY TABLES

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTE

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTE-B-001 Priority No.	ND	Plaster ceiling, sand, light gray	First floor, Unit #407, west stairwell			
CTE-B-002 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random holes	First floor, Unit #407, Room #104			
CTE-B-003 Priority No.	ND	Plaster ceiling, light gray	First floor, Unit #407, Room #104, above 1'x1' ceiling tile			
CTE-B-004 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #407, Room #141			
CTE-B-005 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #407, Room #141			
CTE-B-006 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random holes	First floor, Unit #401, Room #101			
CTE-B-007 Priority No.	ND	Plaster ceiling, light gray	First floor, Unit #401, Room #101, above 1'x1' ceiling tile			
CTE-B-008 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #401, Room #106			
CTE-B-009 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #401, Room #109			
CTE-B-010 Priority No.	ND	Plaster wall, sand, light gray	Second floor, Unit #409, west stairwell			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTE

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTE-B-011 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	Second floor, Unit #409, Room #202			
CTE-B-012 Priority No.	ND	Plaster ceiling, light gray	Second floor, Unit #409, Room #202, above 1'x1' ceiling tile			
CTE-B-013 Priority No.	ND	Plaster ceiling, smooth, light gray	Second floor, Unit #409, Room #227			
CTE-B-014 Priority No.	TEM=ND	Plaster wall, smooth, light gray	Second floor, Unit #409, Room #213			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-015 Priority No.	TEM=ND	Plaster wall, smooth, light gray	Second floor, Unit #415, Room #201			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-016 Priority No.	ND	Plaster ceiling, smooth, light gray and white	Second floor, Unit #415, Room #217			
CTE-B-017 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #403, Room #134, above 1'x1' ceiling tile			
CTE-B-018 Priority No.	ND	Plaster ceiling, beige	First floor, Unit #403, Room #134			
CTE-B-019 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #403, Room #125			
CTE-B-020 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #405, Room #146, on concrete wall			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTE

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTE-B-021 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #405, Room #130			
CTE-B-022 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #405, Room #104			
CTE-B-023 Priority No.	ND	Plaster ceiling, light gray	First floor, Unit #405, Room #104, above 1'x1' ceiling tile			
CTE-B-024 Priority No.	ND	Plaster ceiling, sand, light gray	First floor, Unit #405, north stairwall			
CTE-B-025 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, light gray	Second floor, Unit #413, north stairwell			PLM result was <1% CH. TEM-gravimetric = 0.042% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-026 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	Second floor, Unit #413, Room #201			
CTE-B-027 Priority No.	ND	Plaster ceiling, light gray	Second floor, Unit #413, Room #201, above 1'x1' ceiling tile			
CTE-B-028 Priority No.	ND	Plaster wall, smooth, light gray	Second floor, Unit #413, Room #229			
CTE-B-029 Priority No.	ND	Plaster ceiling, smooth, light gray	Second floor, Unit #413, Room #218			
CTE-B-030 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	Second floor, Unit #411, Room #213			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTE

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTE-B-031 Priority No.	ND	Plaster ceiling, light gray	Second floor, Unit #411, Room #213, above 1'x1' ceiling tile			
CTE-B-032 Priority No.	ND	Plaster ceiling, smooth, light gray	Second floor, Unit #411, Room #211			
CTE-B-033 Priority No.	ND	Plaster wall, sand, light gray and white	Second floor, Unit #411, east stairwell			
CTE-B-034 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #A1, Room #171			
CTE-B-035 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #A1, Room 162			
CTE-B-036 Priority No.	ND	Plaster ceiling, light gray	First floor, Unit #A1, Room #162, above 1'x1' ceiling tile			
CTE-B-037 Priority No.	ND	Plaster wall, sand, light gray	First floor, Unit #A1, Room #164			
CTE-B-038 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #A1, Room #164			
CTE-B-039 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #A1, Room #181, on ceiling			
CTE-B-040 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #A1, Room #181.5			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTE

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTE-B-041 Priority No.	ND	Plaster wall, sand, light gray	First floor, Unit #A1, Room #179			
CTE-B-042 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	First floor, Unit #A1, Room #181A			
CTE-B-043 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	Second floor, Unit #A2, Room #251			
CTE-B-044 Priority No.	ND	Plaster ceiling, light gray	Second floor, Unit #A2, Room #251, above 1'x1' ceiling tile			
CTE-B-045 Priority No.	ND	Plaster wall, smooth, light gray and white	Second floor, Unit #A2, Room #254			
CTE-B-046 Priority No.	ND	Plaster ceiling, smooth, light gray and white	Second floor, Unit #A2, Room #255			
CTE-B-047 Priority No.	ND	Plaster wall, sand, light gray	Second floor, Unit #A2, Room #261, on concrete wall			
CTE-B-048 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	Second floor, Unit #A2, Room #281A			
CTE-B-049 Priority No.	ND	Wallboard (drywall) and joint compound, white	Second floor, Unit #A2, Room #281			
CTE-B-050 Priority No.	ND	Wallboard (drywall) and joint compound, white	Second floor, Unit #A2, Room #281.5, on ceiling			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTE

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTE-B-051 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, light gray	Second floor, Unit #A2, Room #281.1			PLM result was <1% CH. TEM-gravimetric = 0.042% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-052 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	Second floor, Unit #A2, Room #281B			
CTE-B-053 Priority No. 5	CT=ND, MAS=<1% AN	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, O.T. North, Room #101	~4,000 SF	Included brown ceiling tile mastic in Rooms #101 and #105 in O.T. North and O.T. South. See Figure 17.	Nonfriable and in good condition. Not considered as ACM under EPA and DOSH regulations. However, must comply with notification requirements as ACCM.
CTE-B-054 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, O.T. North, Room #101, on concrete wall			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-055 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, O.T. North, Room #101			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-056 Priority No.	ND	Plaster wall, sand, light gray	First floor, O.T. North, Room #103			
CTE-B-057 Priority No. 5	CT=ND, Y MAS=ND, BN MAS=<1% AN	Ceiling tile and yellow/brown mastic, 1'x1', white, beige matrix with random holes	First floor, O.T. South, Room #101	0	Included in CTE-B-053.	Nonfriable and in good condition. Not considered as ACM under EPA and DOSH regulations. However, must comply with notification requirements as ACCM.
CTE-B-058 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, O.T. South, Room #101, on concrete wall			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-059 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, O.T. South, Room #105			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-060 Priority No. 5	CT=ND, MAS=<1% AN	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, O.T. South, Room #101	0	Included in CTE-B-053.	Nonfriable and in good condition. Not considered as ACM under EPA and DOSH regulations. However, must comply with notification requirements as ACCM.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTE

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTE-B-061 Priority No.	ND	Wallboard (drywall), white	First floor, O.T. South, Room #101, above 1'x1' ceiling tile			
CTE-B-062 Priority No.	ND	Plaster wall, beige	First floor, Unit #401, Room #138, in ceiling space			
CTE-B-063 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #401, Room #138, on floor in ceiling space			
CTE-B-064 Priority No.	ND	Plaster wall, beige	First floor, Unit #407, Room #104, in ceiling space			
CTE-B-065 Priority No.	ND	Plaster wall, beige	First floor, Unit #A1, Room #151, in ceiling space			
CTE-B-066 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #A1, Room #151, on floor in ceiling space			
CTE-B-067 Priority No.	ND	Pipe insulation debris from elbow, gray	First floor, Unit #A1, Room #179, inside pipe chase			
CTE-B-068 Priority No.	ND	Plaster wall, sand, light gray	Basement, eastern portion, mechanical room, on concrete wall			
CTE-B-069 Priority No.	ND	Plaster ceiling, tan	Basement, eastern portion, mechanical equipment room			
CTE-B-070 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #405, Room #138, on floor in ceiling space			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTE

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTE-B-071 Priority No.	ND	Plaster wall, beige	Second floor, Unit #413, Room #238, in ceiling space			
CTE-B-072 Priority No.	NON-ACM, NON-ACCM	Plaster wall, light gray	Second floor, Unit #A2, Room #262, in ceiling space			PLM result was <1% CH. TEM-gravimetric = 0.014% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-073 Priority No.	ND	Wallboard (drywall), white	Second floor, Unit #A2, Room #262, on floor in ceiling space			
CTE-B-074 Priority No.	TEM=ND	Plaster wall, beige	Second floor, Unit #411, Room #239, in ceiling space			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTE-B-075 Priority No.	ND	Wallboard (drywall), white	Second floor, Unit #409, Room #225, on floor in ceiling space			
CTE-B-076 Priority No.	ND	Plaster wall, sand, light gray	Basement, western portion, mechanical room, on concrete wall			
CTE-B-077 Priority No.	ND	Pipe insulation debris from elbow, beige	Basement, eastern portion, crawlspace			
CTE-B-078 Priority No.	ND	White debris	Basement, eastern portion, crawlspace			
CTE-B-079 Priority No.	ND	White debris	Basement, eastern portion, crawlspace			
CTE-B-080 Priority No.	ND	Pipe insulation debris from elbow, beige	Basement, eastern portion, crawlspace			

ASBESTOS SURVEY SUMMARY TABLE

Building No.	CTE
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Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTE-B-081 Priority No.	ND	Plaster ceiling, beige	Basement, western portion, mechanical equipment room			
CTE-B-082 Priority No.	ND	Plaster wall, beige	Basement, western portion, mechanical equipment room			
CTE-B-083 Priority No.	ND	Plaster wall, sand, light gray	Basement, western portion, mechanical room, on concrete wall			

NOTES (where applicable):

1. This summary table is intended to be used with the figure(s) prepared by Panacea, Inc. Please refer to the figure(s) for the room or area designations.
2. Estimated area covered is intended for discussion and management purposes only. Actual square footage may vary. Other asbestos-containing materials (ACMs) may be present in inaccessible areas.
3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

2A

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
2A-B-001 Priority No.	ND	Ceiling tile, 2'x4', white, beige matrix with large crevices and holes	First floor, Room #6			
2A-B-002 Priority No.	ND	Joint compound, white	First floor, outside Room #6			
2A-B-003 Priority No.	ND	Wallboard (drywall) with wall cover, white	First floor, Room #2			
2A-B-004 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Room #3			

NOTES (where applicable):

1. This summary table is intended to be used with the figure(s) prepared by Panacea, Inc. Please refer to the figure(s) for the room or area designations.
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3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

2B

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
2B-B-001 Priority No.	ND	Wallboard (drywall) with wall cover, white	First floor, conference room, behind light switch cover			
2B-B-002 Priority No.	ND	Ceiling tile, 2'x4', white, beige matrix with large crevices and holes	First floor, open office area			
2B-B-003 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, staff restroom, on ceiling			

NOTES (where applicable):

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3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.	2C
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Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
2C-B-001 Priority No.	ND	Ceiling tile, 2'x4', white, beige matrix with large crevices and holes	First floor, Room #6			
2C-B-002 Priority No.	ND	Ceiling tile, 2'x4', white, beige matrix with random crevices and holes	First floor, Room #6			
2C-B-003 Priority No.	ND	Wallboard (drywall) with wall cover, white	First floor, Room #6, behind outlet cover			

NOTES (where applicable):

1. This summary table is intended to be used with the figure(s) prepared by Panacea, Inc. Please refer to the figure(s) for the room or area designations.
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3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTW

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTW-B-001 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, Unit #402, Room #115, on concrete wall			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-002 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #402, Room #113			
CTW-B-003 Priority No.	ND	Plaster ceiling, light gray	First floor, Unit #402, Room #113, above 1'x1' ceiling tile			
CTW-B-004 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #402, Room #139			
CTW-B-005 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #402, Room #102			
CTW-B-006 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #408, Room #119			
CTW-B-007 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #408, Room #102			
CTW-B-008 Priority No.	ND	Plaster ceiling, light gray	First floor, Unit #408, Room #102, above 1'x1' ceiling tile			
CTW-B-009 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #408, Room #104			
CTW-B-010 Priority No.	ND	Plaster wall, sand, light gray	First floor, Unit #408, west stairwell			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTW

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTW-B-011 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	Second floor, Unit #416, Room #201			
CTW-B-012 Priority No.	ND	Wallboard (drywall) and joint compound, white	Second floor, Unit #416, Room #201, above 1'x1' ceiling tile			
CTW-B-013 Priority No.	ND	Plaster wall, smooth, light gray	Second floor, Unit #416, Room #212			
CTW-B-014 Priority No.	ND	Plaster wall, sand, light gray	Second floor, Unit #416, Room #234, on concrete wall			
CTW-B-015 Priority No.	ND	Plaster wall, smooth, light gray	Second floor, Unit #410, Room #206			
CTW-B-016 Priority No.	NON-ACM, NON-ACCM	Plaster ceiling, smooth, light gray	Second floor, Unit #410, west stairwell			PLM result was <1% CH. TEM-gravimetric = 0.029% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-017 Priority No.	TEM=ND	Plaster wall, sand, light gray	Second floor, Unit #412, Room #242, on concrete wall			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-018 Priority No.	ND	Plaster ceiling, smooth, gray	Second floor, Unit #412, Room #245			
CTW-B-019 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	Second floor, Unit #412, Room #234			
CTW-B-020 Priority No.	ND	Plaster ceiling, light gray	Second floor, Unit #412, Room #234, above 1'x1' ceiling tile			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTW

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTW-B-021 Priority No.	ND	Plaster ceiling, smooth, light gray	Second floor, Unit #414, Room #247			
CTW-B-022 Priority No.	ND	Plaster wall, smooth, light gray	Second floor, Unit #414, Room #231			
CTW-B-023 Priority No.	TEM=ND	Plaster wall, sand, light gray	Second floor, Unit #414, north stairwell			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-024 Priority No.	ND	Plaster wall, sand, light gray	First floor, Unit #406, Room #146, on concrete wall			
CTW-B-025 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #406, Room #125			
CTW-B-026 Priority No.	ND	Plaster ceiling, light gray	First floor, Unit #406, Room #125, above 1'x1' ceiling tile			
CTW-B-027 Priority No.	ND	Wallboard (drywall) and joint compound, brown and white	First floor, Unit #406, Room #126A			
CTW-B-028 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #406, Room #112			
CTW-B-029 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #406, Room #119			
CTW-B-030 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #404, Room #142			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTW

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTW-B-031 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #404, Room #113			
CTW-B-032 Priority No.	ND	Plaster ceiling, light gray	First floor, Unit #404, Room #113, above 1'x1' ceiling tile			
CTW-B-033 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #404, Room #114			
CTW-B-034 Priority No.	ND	Wallboard (drywall) and joint compound, brown and white	First floor, Unit #404, Room #126A			
CTW-B-035 Priority No.	ND	Barrier paper, black	First floor, Unit #404, Room #127, behind ceramic tile and plaster wall			
CTW-B-036 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, Unit #404, Room #106, on column			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-037 Priority No.	ND	Barrier paper, black	First floor, Unit #404, Room #126, behind ceramic tile and plaster wall			
CTW-B-038 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, Unit #A1, Room #164			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-039 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #A1, Room #162			
CTW-B-040 Priority No.	ND	Plaster ceiling, gray	First floor, Unit #A1, Room #162, above 1'x1' ceiling tile			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTW

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTW-B-041 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #A1, Room #181.1			
CTW-B-042 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #A1, Room #181, on ceiling			
CTW-B-043 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	First floor, Unit #A1, Room #181B			
CTW-B-044 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	First floor, Unit #A1, Room #181A			
CTW-B-045 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #A1, Room #151			
CTW-B-046 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #A1, Room #156			
CTW-B-047 Priority No.	ND	Ceiling tile, 2'x2', white, beige matrix with random pinholes	First floor, Unit #A1, Room #160A			
CTW-B-048 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	Second floor, Unit #A2, Room #258			
CTW-B-049 Priority No.	ND	Plaster ceiling, light gray	Second floor, Unit #A2, Room #258, above 1'x1' ceiling tile			
CTW-B-050 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	Second floor, Unit #A2, Room #281A			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTW

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTW-B-051 Priority No.	ND	Wallboard (drywall) and joint compound, white	Second floor, Unit #A2, Room #281			
CTW-B-052 Priority No.	ND	Wallboard (drywall) and joint compound, white	Second floor, Unit #A2, Room #281.1, on ceiling			
CTW-B-053 Priority No.	TEM=ND	Plaster wall, sand, light gray	Second floor, Unit #A2, Room #276			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-054 Priority No.	ND	Plaster wall, smooth, light gray	Second floor, Unit #A2, Room #265			
CTW-B-055 Priority No.	ND	Ceiling tile, 2'x2', white, beige matrix with random pinholes	Second floor, Unit #A2, Room #265A			
CTW-B-056 Priority No.	ND	Plaster ceiling, smooth, light gray	Second floor, Unit #A2, Room #269			
CTW-B-057 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	Second floor, Unit #414, Room #242			
CTW-B-058 Priority No.	ND	Plaster ceiling, light gray	Second floor, Unit #414, Room #225, above 1'x1' ceiling tile			
CTW-B-059 Priority No. 5	CT=ND, MAS=<1% AN	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, O.T. South, Room #101	~4,000 SF	Included brown ceiling tile mastic in Rooms #101 and #105 in O.T. North and O.T. South.	Nonfriable and in good condition. Not considered as ACM under EPA and DOSH regulations. However, must comply with notification requirements as ACCM.
CTW-B-060 Priority No. 5	CT=ND, MAS=<1% AN	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, O.T. South, Room #101	0	Included in CTW-B-059.	Nonfriable and in good condition. Not considered as ACM under EPA and DOSH regulations. However, must comply with notification requirements as ACCM.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTW

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTW-B-061 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random holes	First floor, O.T. South, Room #101			
CTW-B-062 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, O.T. South, Room #101, on concrete wall			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-063 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, O.T. South, Room #106			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-064 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, O.T. South, Room #103			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-065 Priority No.	ND	Plaster ceiling, white and beige	Basement, western portion, mechanical equipment room			
CTW-B-066 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #404, Room #138, on floor in ceiling space			
CTW-B-067 Priority No. 1	2% CH, 5% AM, 3% CH	Pipe insulation, elbow, 3" OD, beige	Basement, eastern portion, crawlspace	~2 elbows	Included ~2 pipe elbows in the crawlspace. One elbow on north portion is significantly damaged, and one elbow on west portion is in good condition.	Friable and in significantly damaged condition.
CTW-B-068 Priority No.	ND	Plaster wall, beige	First floor, Unit #A1, Room #162, in ceiling space			
CTW-B-069 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #A1, Room #158, on floor in ceiling space			
CTW-B-070 Priority No.	ND	Plaster wall, beige	First floor, Unit #402, Room #139, in ceiling space			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

CTW

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTW-B-071 Priority No.	ND	Plaster wall, beige	First floor, Unit #408, Room #138, in ceiling space			
CTW-B-072 Priority No.	ND	Plaster wall, beige	Second floor, Unit #A2, Room #258, in ceiling space			
CTW-B-073 Priority No.	ND	Plaster wall, beige	Second floor, Unit #416, Room #225, in ceiling space			
CTW-B-074 Priority No.	ND	Wallboard (drywall), white	Second floor, Unit #414, Room #239, on floor in ceiling space			
CTW-B-075 Priority No.	ND	Plaster wall, white and beige	Basement, eastern portion, mechanical equipment room			
CTW-B-076 Priority No.	ND	Plaster ceiling, white and beige	Basement, eastern portion, mechanical equipment room			
CTW-B-077 Priority No.	ND	Wallboard (drywall), white	Second floor, Unit #A2, Room #271, on floor in ceiling space			
CTW-B-078 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, O.T. North, Room #101			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-079 Priority No.	TEM=ND	Plaster wall, sand, light gray	First floor, O.T. North, Room #104			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
CTW-B-080 Priority No. 5	CT=ND, MAS=<1% AN	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, O.T. North, Room #101	0	Included in CTW-B-059.	Nonfriable and in good condition. Not considered as ACM under EPA and DOSH regulations. However, must comply with notification requirements as ACCM.

ASBESTOS SURVEY SUMMARY TABLE

Building No.	CTW
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Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
CTW-B-081 Priority No.	ND	Wallboard (drywall), white	First floor, O.T. North, Room #101, above 1'x1' ceiling tile			
CTW-B-082 Priority No.	ND	Pipe insulation, elbow, 3", light gray	First floor, Unit #A1, Room #179, inside pipe chase			

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4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

3A

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
3A-B-001 Priority No.	ND	Ceiling tile, 2'x4', white, beige matrix with random crevices and holes	First floor, Room C2			
3A-B-002 Priority No.	ND	Ceiling tile, 2'x4', white, beige matrix with large crevices and holes	First floor, Room C1			
3A-B-003 Priority No.	ND	Wallboard (drywall) with wall cover, white	First floor, Room 2			

NOTES (where applicable):

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2. Estimated area covered is intended for discussion and management purposes only. Actual square footage may vary. Other asbestos-containing materials (ACMs) may be present in inaccessible areas.
3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

SNF

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
SNF-B-001 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, gray	First floor, Unit #419, Room #102			PLM result was <1% CH. TEM-gravimetric = 0.046% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-002 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, gray	First floor, Unit #417, Room #147			PLM result was <1% CH. TEM-gravimetric = 0.046% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-003 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, gray	First floor, Unit #417, Room #102			PLM result was <1% CH. TEM-gravimetric = 0.046% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-004 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, gray	First floor, Unit #A, Room #102			PLM result was <1% CH. TEM-gravimetric = 0.046% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-005 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, gray	First floor, Unit #A, Room #145			PLM result was <1% CH. TEM-gravimetric = 0.046% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-006 Priority No.	ND	Plaster wall, sand, gray	First floor, Unit #420, Room #158			
SNF-B-007 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, gray	First floor, Unit #420, Room #103			PLM result was <1% CH. TEM-gravimetric = 0.046% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-008 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, gray	First floor, Unit #418, Room #146			PLM result was <1% CH. TEM-gravimetric = 0.046% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-009 Priority No.	NON-ACM, NON-ACCM	Plaster wall, sand, gray	First floor, Unit #418, Room #102			PLM result was <1% CH. TEM-gravimetric = 0.046% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-010 Priority No.	ND	Plaster wall, smooth, gray	First floor, Unit #419, hallway outside Room #127			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

SNF

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
SNF-B-011 Priority No.	ND	Plaster wall, smooth, gray	First floor, Unit #417, Room #101			
SNF-B-012 Priority No.	ND	Plaster wall, smooth, gray	First floor, Unit #417, Room #113			
SNF-B-013 Priority No.	ND	Plaster wall, smooth, gray	First floor, Unit #417, Room #145			
SNF-B-014 Priority No.	NON-ACM, NON-ACCM	Plaster wall, smooth, gray	First floor, Unit #A, Room #105			PLM result was <1% CH. TEM-gravimetric = 0.041% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-015 Priority No.	NON-ACM, NON-ACCM	Plaster wall, smooth, gray	First floor, Unit #A, Room #148			PLM result was <1% CH. TEM-gravimetric = 0.041% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-016 Priority No.	ND	Plaster wall, smooth, gray	First floor, Unit #420, Room #155			
SNF-B-017 Priority No.	ND	Plaster wall, smooth, gray	First floor, Unit #420, hallway outside Room #116			
SNF-B-018 Priority No.	ND	Plaster wall, smooth, gray	First floor, Unit #418, Room #149			
SNF-B-019 Priority No.	NON-ACM, NON-ACCM	Plaster ceiling, sand, gray	First floor, Unit #417, Room #134			PLM result was <1% CH. TEM-gravimetric = 0.010% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-020 Priority No.	NON-ACM, NON-ACCM	Plaster ceiling, sand, gray	First floor, Unit #419, Room #147			PLM result was <1% CH. TEM-gravimetric = 0.010% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

SNF

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
SNF-B-021 Priority No.	NON-ACM, NON-ACCM	Plaster ceiling, sand, gray	First floor, Unit #419, Room #111			PLM result was <1% CH. TEM-gravimetric = 0.010% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-022 Priority No.	NON-ACM, NON-ACCM	Plaster ceiling, sand, gray	First floor, Unit #419, Room #103			PLM result was <1% CH. TEM-gravimetric = 0.010% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-023 Priority No.	NON-ACM, NON-ACCM	Plaster ceiling, sand, gray	First floor, Unit #A, Room #118			PLM result was <1% CH. TEM-gravimetric = 0.010% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
SNF-B-024 Priority No.	ND	Plaster ceiling, sand, gray	First floor, Unit #418, Room #113			
SNF-B-025 Priority No.	ND	Plaster ceiling, sand, gray	First floor, Unit #418, Room #162			
SNF-B-026 Priority No.	ND	Plaster ceiling, sand, gray	First floor, Unit #420, Room #111			
SNF-B-027 Priority No.	ND	Plaster ceiling, sand, gray	First floor, Unit #420, Room #149			
SNF-B-028 Priority No.	ND	Plaster ceiling, smooth, gray	First floor, Unit #417, Room #146			
SNF-B-029 Priority No.	ND	Plaster ceiling, smooth, gray	First floor, Unit #A, Room #119			
SNF-B-030 Priority No.	ND	Plaster ceiling, smooth, gray	First floor, Unit #A, Room #158			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

SNF

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
SNF-B-031 Priority No.	ND	Plaster ceiling, smooth, gray	First floor, Unit #418, Room #146			
SNF-B-032 Priority No.	ND	Plaster ceiling, smooth, gray	First floor, Unit #420, Room #102			
SNF-B-033 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	First floor, Unit #419, hallway outside Room #130			
SNF-B-034 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #419, hallway outside Room #130			
SNF-B-035 Priority No.	ND	Wallboard (drywall) on ceiling, white	First floor, Unit #419, hallway outside Room #130, above 1'x1' ceiling tile			
SNF-B-036 Priority No.	ND	Joint compound, off-white	First floor, Unit #419, hallway outside Room #130, above 1'x1' ceiling tile			
SNF-B-037 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #417, Room #101			
SNF-B-038 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #419, Room #151			
SNF-B-039 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with ranom pinholes	First floor, Unit #A, hallway outside Room #147			
SNF-B-040 Priority No.	ND	Ceiling tile and brown and dark brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #418, nurses station			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

SNF

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
SNF-B-041 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #420, Room #101			
SNF-B-042 Priority No.	ND	Plaster ceiling, gray	First floor, Unit #417, Room #101, above 1'x1' ceiling tile			
SNF-B-043 Priority No.	ND	Plaster ceiling, gray	First floor, Unit #A, hallway outside Room #147, above 1'x1' ceiling tile			
SNF-B-044 Priority No.	ND	Plaster ceiling, beige	First floor, Unit #418, nurses station, above 1'x1' ceiling tile			
SNF-B-045 Priority No.	ND	Plaster ceiling, gray	First floor, Unit #420, Room #101, above 1'x1' ceiling tile			
SNF-B-046 Priority No.	ND	Plaster ceiling, gray	First floor, Unit #A, Room #105, above 1'x1' ceiling tile			
SNF-B-047 Priority No.	ND	Plaster ceiling, gray and white	First floor, Unit #A, Room #142			
SNF-B-048 Priority No.	ND	Plaster ceiling, gray and white	First floor, Unit #A, Room #142			
SNF-B-049 Priority No.	ND	Plaster ceiling, gray and white	First floor, Unit #A, Room #142			
SNF-B-050 Priority No.	ND	Wallboard (drywall) and joint compound, off-white	First floor, Unit #419, Room #151, above 1'x1' ceiling tile			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

SNF

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
SNF-B-051 Priority No.	ND	Concrete ceiling, gray	First floor, Unit #418, nurses station, above 1'x1' ceiling tile			
SNF-B-052 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #420, Room #131			
SNF-B-053 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #420, Room #131, above 1'x1' ceiling tile			
SNF-B-054 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #A, Room #144, on ceiling			
SNF-B-055 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #A, Room #147, on ceiling			
SNF-B-056 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, fiberglass matrix with smooth texture	First floor, Unit #A, Room #105			
SNF-B-057 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #420, Room #126			
SNF-B-058 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #420, on floor in ceiling space			
SNF-B-059 Priority No.	ND	Fireproofing insulation, beige	First floor, Unit #420, Room #128, in ceiling space			
SNF-B-060 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #418, on floor in ceiling space			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

SNF

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
SNF-B-061 Priority No.	ND	Fireproofing insulation, beige	First floor, Unit #418, Room #142, in ceiling space			
SNF-B-062 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #417, on floor in ceiling space			
SNF-B-063 Priority No.	ND	Fireproofing insulation, beige	First floor, Unit #417, Room #128, in ceiling space			
SNF-B-064 Priority No.	ND	Plaster wall, light gray	First floor, Unit #418, Room #131, in ceiling space			
SNF-B-065 Priority No.	ND	Plaster wall, light gray	First floor, Unit #420, Room #131, in ceiling space			
SNF-B-066 Priority No.	ND	Plaster wall, light gray	First floor, Unit #419, Room #131, in ceiling space			

ASBESTOS SURVEY SUMMARY TABLE

NOTES (where applicable):

1. This summary table is intended to be used with the figure(s) prepared by Panacea, Inc. Please refer to the figure(s) for the room or area designations.
2. Estimated area covered is intended for discussion and management purposes only. Actual square footage may vary. Other asbestos-containing materials (ACMs) may be present in inaccessible areas.
3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.	4A
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Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
4A-B-001 Priority No.	ND	Ceiling tile, 2'x4', white, beige matrix with large crevices and holes	First floor, Room #10			
4A-B-002 Priority No.	ND	Wallboard (drywall) with wall cover, white	First floor, Room #10, behind light switch cover			

NOTES (where applicable):

1. This summary table is intended to be used with the figure(s) prepared by Panacea, Inc. Please refer to the figure(s) for the room or area designations.
2. Estimated area covered is intended for discussion and management purposes only. Actual square footage may vary. Other asbestos-containing materials (ACMs) may be present in inaccessible areas.
3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

100

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
100-B-000.1 Priority No. 3	ASSUMED +	Pipe joints (i.e., elbows, tees, ends, valves, etc.)	First floor, Unit #103, hallway outside Room #1301, in ceiling space	Unknown	Observed in the ceiling space with limited access in this building.	Friable and in good condition.
100-B-001 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #108, Room #20			
100-B-002 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #108, Room #20, above 1'x1' ceiling tile			
100-B-003 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #108, hallway outside Room #22			
100-B-004 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #108, Room #12			
100-B-005 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #107, Room #6			
100-B-006 Priority No.	ND	Joint compound, white	First floor, Unit #107, Room #6, above 1'x1' ceiling tile			
100-B-007 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #107, Room #PH-9			
100-B-008 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #107, Room #30			
100-B-009 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #107, hallway outside Room #30			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

100

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
100-B-010 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #105, Room #5			
100-B-011 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #105, Room #2			
100-B-012 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	First floor, Unit #105, Room #22			
100-B-013 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	First floor, Unit #105, Room #22			
100-B-014 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #105, hallway outside Room #22			
100-B-015 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #107, hallway outside Room #22, above 1'x1' ceiling tile			
100-B-016 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #105, Room #17			
100-B-017 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #105, hallway outside Room #9			
100-B-018 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #106, Room #11			
100-B-019 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #106, Room #28			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

100

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
100-B-020 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #106, Room #29			
100-B-021 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #106, Room #22			
100-B-022 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #106, Room #8			
100-B-023 Priority No. 5	CT=ND, MAS=ACCM (<1% AN), PL=ND	Ceiling tile and brown mastic with plaster ceiling, 1'x1', white, brown matrix with random holes	First floor, Unit #2, hallway outside Room #1104	~16,000 SF	Included brown ceiling tile mastic in various areas in Units #103, #104, and #2. See Figures 12 and 13.	Nonfriable and in good condition. TEM-gravimetric = 0.49% CH by weight. Not considered as ACM under EPA and Cal-OSHA regulations. However, must comply with notification requirements as ACCM.
100-B-024 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #2, Room #1106			
100-B-025 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #2, Room #1110			
100-B-026 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #2, hallway outside Room #1111			
100-B-027 Priority No.	ND	Ceiling tile, 2'x2', white, beige matrix with texture	First floor, Unit #2, Room #D			
100-B-028 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #101, hallway outside Room #33			
100-B-029 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #101, hallway outside Room #33, above 1'x1' ceiling tile			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

100

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
100-B-030 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #101, Room #33			
100-B-031 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #101, Room #3			
100-B-032 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #101, Room #6			
100-B-033 Priority No.	ND	Ceiling tile and brown mastic and tan mastic, 1'x1', white, beige matrix with random crevices and holes	First floor, Unit #101, Room #6			
100-B-034 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #101, Room #20			
100-B-035 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #101, Room #23			
100-B-036 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #101, Room #16			
100-B-037 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #103, Room #1364			
100-B-038 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #103, Room #1326			
100-B-039 Priority No. 5	CT=ND, MAS=ACCM (<1% AN), PL=ND	Ceiling tile and brown mastic with plaster ceiling, 1'x1', white, brown matrix with random holes	First floor, Unit #103, hallway outside Room #1316	0	Included in 100-B-023.	Nonfriable and in good condition. TEM-gravimetric = 0.50% AN by weight. Not considered as ACM under EPA and Cal-OSHA regulations. However, must comply with notification requirements as ACCM.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

100

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
100-B-040 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #103, Room #1309			
100-B-041 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #103, Room #1359			
100-B-042 Priority No. 5	CT=ND, MAS=ACCM (<1% AN), PL=ND	Ceiling tile and brown mastic with plaster ceiling, 1'x1', white, brown matrix with random holes	First floor, Unit #103, Room #1292	0	Included in 100-B-023.	Nonfriable and in good condition. TEM-gravimetric = 0.50% AN by weight. Not considered as ACM under EPA and Cal-OSHA regulations. However, must comply with notification requirements as ACCM.
100-B-043 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #103, Room #1292			
100-B-044 Priority No.	ND	Ceiling tile, 2'x2', white, beige matrix with texture	First floor, Unit #103, Room #D			
100-B-045 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #102, Room #34			
100-B-046 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #102, Room #5			
100-B-047 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random pinholes	First floor, Unit #102, Room #18			
100-B-048 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #102, Room #24			
100-B-049 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #102, Room #23			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

100

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
100-B-050 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with small random crevices and holes	First floor, Unit #102, hallway outside Room #20			
100-B-051 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #102, hallway outside Room #20, above 1'x1' ceiling tile			
100-B-052 Priority No.	ND	Spray-applied ceiling texture material, white	First floor, Unit #3, Room #1131			
100-B-053 Priority No.	ND	Spray-applied ceiling texture material, white	First floor, Unit #3, Room #1131			
100-B-054 Priority No.	ND	Spray-applied ceiling texture material, white	First floor, Unit #3, Room #1131			
100-B-055 Priority No.	ND	Spray-applied ceiling texture material, white	First floor, Unit #3, Room #1131			
100-B-056 Priority No.	ND	Spray-applied ceiling texture material, white	First floor, Unit #3, Room #1131			
100-B-057 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #3, Room #1130			
100-B-058 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #3, hallway outside Room #1130, lower wall			
100-B-059 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #3, Room #1132			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

100

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
100-B-060 Priority No.	ND	Ceiling tile and brown mastic with plaster ceiling, 1'x1', white, brown matrix with random holes	First floor, Unit #3, Room #1133			
100-B-061 Priority No.	ND	Ceiling tile and yellow mastic, 1'x1', white, beige matrix with straight holes	First floor, Unit #3, Room #1133			
100-B-062 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #3, Room #1134			
100-B-063 Priority No.	ND	Plaster ceiling, smooth, light gray	First floor, Unit #3, Room #1127			
100-B-064 Priority No.	ND	Joint compound, white	First floor, Unit #3, Room #1126A, behind outlet cover			
100-B-065 Priority No.	ND	Ceiling tile and brown mastic with plaster ceiling, 1'x1', white, brown matrix with random holes	First floor, Unit #3, Room #1146			
100-B-066 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #3, Room #1147B			
100-B-067 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #3, Room #1147, lower wall			
100-B-068 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #3, Room #1151, on ceiling			
100-B-069 Priority No.	ND	Ceiling tile and brown mastic with plaster ceiling, 1'x1', white, brown matrix with random holes	First floor, Unit #3, hallway outside Room #1151			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

100

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
100-B-070 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #3, Room #1149B			
100-B-071 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #3, Room #1149A			
100-B-072 Priority No.	ND	Ceiling tile and brown mastic with plaster ceiling, 1'x1', white, brown matrix with random holes	First floor, Unit #104, hallway outside Room #1198			
100-B-073 Priority No.	ND	Plaster wall, smooth, light gray	First floor, Unit #104, Room #1189			
100-B-074 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #104, Room #1272			
100-B-075 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Unit #104, Room #1219			
100-B-076 Priority No. 5	CT=ND, MAS=ACCM (<1% AN)	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Unit #104, Room #1225	0	Included in 100-B-023.	Nonfriable and in good condition. TEM-gravimetric = 0.50% AN by weight. Not considered as ACM under EPA and Cal-OSHA regulations. However, must comply with notification requirements as ACCM.
100-B-077 Priority No.	ND	Ceiling tile and brown mastic and plaster ceiling, 1'x1', white, brown matrix with random small and large holes	First floor, Unit #104, hallway outside Room #1223			
100-B-078 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Unit #104, Room #1236			
100-B-079 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #108, hallway outside Room #20, in ceiling space			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

100

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
100-B-080 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #108, hallway outside Room #20, on floor in ceiling space			
100-B-081 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #105, Room #11, in ceiling space			
100-B-082 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #105, hallway outside Room #21, in ceiling space			
100-B-083 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Unit #101, Room #17, in ceiling space			
100-B-084 Priority No.	ND	Wallboard (drywall), white	First floor, Unit #101, Room #17, on floor in ceiling space			
100-B-085 Priority No.	ND	Plaster wall, beige	First floor, Unit #2, Room #B, in ceiling space			
100-B-086 Priority No.	ND	Plaster wall, beige	First floor, Unit #2, Room #B, in ceiling space			

ASBESTOS SURVEY SUMMARY TABLE

NOTES (where applicable):

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3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

HPO

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
HPO-B-001 Priority No.	ND	Plaster wall, smooth, light gray	Second floor, Room #206			
HPO-B-002 Priority No.	TEM=ND	Plaster wall, smooth, light gray	First floor, Room #108			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
HPO-B-003 Priority No.	ND	Plaster wall, smooth, light gray	First floor, west hallway			
HPO-B-004 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, south stairwell			
HPO-B-005 Priority No.	ND	Ceiling tile and dark brown mastic with plaster ceiling, 1'x1', white, brown matrix with small straight holes	First floor, Room #116A			
HPO-B-006 Priority No.	ND	Plaster wall, smooth, light gray and white	Second floor, Room #212, on concrete wall			
HPO-B-007 Priority No.	TEM=ND	Plaster wall, smooth, light gray	Second floor, Room #222			PLM result was <1% CH. TEM-gravimetric = ND by weight (or <0.01%). Not considered as an ACM or ACCM under federal and California asbestos regulations.
HPO-B-008 Priority No.	ND	Plaster ceiling, smooth, light gray	Second floor, Room #221			
HPO-B-009 Priority No.	ND	Plaster ceiling, smooth, light gray and white	Second floor, south stairwell			
HPO-B-010 Priority No.	ND	Plaster ceiling, smooth, light gray	Second floor, Room #218			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

HPO

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
HPO-B-011 Priority No.	ND	Plaster wall, smooth, light gray and white	First floor, Room #111, on concrete wall			
HPO-B-012 Priority No.	ND	Plaster ceiling, smooth, white	Second floor, Room #202A			
HPO-B-013 Priority No.	ND	Ceiling tile and dark brown mastic, 1'x1', white, brown matrix with small straight holes	Second floor, Room #213			
HPO-B-014 Priority No.	ND	Wallboard (drywall) and joint compound, white	Second floor, Room #213			
HPO-B-015 Priority No.	ND	Ceiling tile and dark brown mastic, 1'x1', white, brown matrix with small straight holes	Second floor, central hallway			
HPO-B-016 Priority No.	ND	Ceiling tile and dark brown mastic, 1'x1', white, brown matrix with small straight holes	Second floor, east hallway			
HPO-B-017 Priority No.	ND	Ceiling tile and dark brown mastic, 1'x1', white, brown matrix with small straight holes	First floor, Room #109			
HPO-B-018 Priority No.	ND	Ceiling tile and dark brown mastic with plaster ceiling, 1'x1', white, brown matrix with random small and large holes	First floor, Room #102			
HPO-B-019 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Room #103, on concrete ceiling			
HPO-B-020 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Room #106			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

HPO

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
HPO-B-021 Priority No.	ND	Ceiling tile and tan mastic, 1'x1', white, beige matrix with straight holes	First floor, Room #113			
HPO-B-022 Priority No.	ND	Finish coat, tan	First floor, Room #114, on concrete ceiling			
HPO-B-023 Priority No.	ND	Finish coat, tan	First floor, Room #114, on concrete ceiling			
HPO-B-024 Priority No.	ND	Finish coat, tan	First floor, Room #114, on concrete ceiling			
HPO-B-025 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, Room #115			
HPO-B-026 Priority No.	ND	Ceiling tile and dark brown mastic with plaster ceiling, 1'x1', white, brown matrix with random small and large holes	First floor, Room #113			
HPO-B-027 Priority No. 4	DW=ND, JC=2% CH, COMP=<1% CH	Wallboard (drywall) and joint compound, white	First floor, Room #114	~3,000 SF	Included JC on walls on 1st and 2nd floors. See Figure 15.	Nonfriable and in good condition. JC >1% CH (or <1% CH), but as a wall system composite, it was <1% CH. Not considered as ACM under EPA, but must comply with DOSH regulations as ACM.
HPO-B-028 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, east hallway			
HPO-B-029 Priority No.	ND	Ceiling tile and dark brown mastic with plaster ceiling, 1'x1', white, brown matrix with random small and large holes	First floor, west hallway			
HPO-B-030 Priority No.	ND	Ceiling tile and dark brown mastic with plaster ceiling, 1'x1', white, brown matrix with random small and large holes	First floor, central hallway			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

HPO

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
HPO-B-031 Priority No.	ND	Ceiling tile and dark brown mastic with plaster ceiling, 1'x1', white, brown matrix with random small and large holes	First floor, east hallway			
HPO-B-032 Priority No.	ND	Ceiling tile and yellow mastic with plaster ceiling, 1'x1', white, beige matrix with random holes	First floor, west hallway			
HPO-B-033 Priority No.	ND	Wallboard (drywall), white	Attic, above Room #212			
HPO-B-034 Priority No.	ND	Ceiling tile and mastic, 1'x1', brown	First floor, east hallway, in ceiling space			
HPO-B-035 Priority No.	ND	Plaster ceiling, smooth, light gray and white	First floor, east hallway, in ceiling space			
HPO-B-036 Priority No.	ND	Finish coat, tan	First floor, Room #114, on ceiling in ceiling space			
HPO-B-037 Priority No.	ND	Finish coat, tan	First floor, Room #114, on ceiling in ceiling space			

ASBESTOS SURVEY SUMMARY TABLE

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4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

ASBESTOS SURVEY SUMMARY TABLE

Building No.

YAB

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
YAB-B-001 Priority No.	ND	Plaster wall, smooth, gray and white	First floor, Room #135			
YAB-B-002 Priority No.	ND	Plaster wall, smooth, gray and white	First floor, Room #143			
YAB-B-003 Priority No.	ND	Plaster wall, smooth, gray and white	First floor, Room #175			
YAB-B-004 Priority No.	ND	Plaster wall, smooth, gray and white	First floor, Room #105			
YAB-B-005 Priority No.	ND	Plaster wall, smooth, gray and white	First floor, Room #108/109			
YAB-B-006 Priority No.	ND	Plaster ceiling, smooth, gray and white	First floor, Room 121			
YAB-B-007 Priority No.	ND	Plaster ceiling, smooth, gray and white	First floor, Room #156			
YAB-B-008 Priority No.	ND	Plaster wall, smooth, white	First floor, Room #185			
YAB-B-009 Priority No.	ND	Wallboard (drywall), pink	First floor, Room #185, behind plaster wall			
YAB-B-010 Priority No.	ND	Plaster wall, smooth, white	First floor, Room #182			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

YAB

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
YAB-B-011 Priority No.	ND	Wallboard (drywall), pink	First floor, Room #182, behind plaster wall			
YAB-B-012 Priority No.	ND	Plaster wall, smooth, white	First floor, Room #187			
YAB-B-013 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, hallway outside Room #174			
YAB-B-014 Priority No. 4	DW=ND, JC=2% CH, COMP=<1% CH	Wallboard (drywall) and joint compound, white	First floor, Room #135	~300 SF	Included JC on walls in Rooms #100 and #135. See Figure 16.	Nonfriable and in good condition. JC >1% CH (or <1% CH), but as a wall system composite, it was <1% CH. Not considered as ACM under EPA, but must comply with DOSH regulations as ACM.
YAB-B-015 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Room #107, above door			
YAB-B-016 Priority No. 4	DW=ND, JC=2% CH, COMP=<1% CH	Wallboard (drywall) and joint compound, white, unfinished	First floor, Room #135, on ceiling above 1'x1' ceiling tile	~15,000 SF	Included JC above ceiling tile in various areas of the building. See Figure 16.	Nonfriable and in good condition. JC >1% CH (or <1% CH), but as a wall system composite, it was <1% CH. Not considered as ACM under EPA, but must comply with DOSH regulations as ACM.
YAB-B-017 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Room #135			
YAB-B-018 Priority No.	ND	Wallboard (drywall) and joint compound, white, unfinished	First floor, Room #147, on ceiling above 1'x1' ceiling tile			
YAB-B-019 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Room #147			
YAB-B-020 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Room #184			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

YAB

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
YAB-B-021 Priority No.	ND	Plaster ceiling, textured, white, soft	First floor, Room #184, above 1'x1' ceiling tile			
YAB-B-022 Priority No.	ND	Plaster ceiling, textured, white, soft	First floor, hallway outside Room #182, above 1'x1' ceiling tile			
YAB-B-023 Priority No.	ND	Plaster ceiling, textured, light gray, hard	First floor, Room #181, above 1'x1' ceiling tile			
YAB-B-024 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random holes	First floor, Room #181			
YAB-B-025 Priority No.	ND	Plaster ceiling, textured, light gray, hard	First floor, Room #181, above 1'x1'			
YAB-B-026 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random holes	First floor, Room #181			
YAB-B-027 Priority No.	ND	Plaster ceiling, textured, white, soft	First floor, Room #182, above 1'x1' ceiling tile			
YAB-B-028 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with straight holes	First floor, Room #182			
YAB-B-029 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with straight holes	First floor, Room #183			
YAB-B-030 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Room #103			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

YAB

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
YAB-B-031 Priority No.	ND	Ceiling tile and brown mastic and plaster wall, 1'x1', white, brown matrix with random holes	First floor, Room #103, on wall			
YAB-B-032 Priority No.	CT=ND, MAS=NON-ACM, NON-ACCM	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random holes	First floor, Room #128, on wall			MAS PLM result was <1% CH. TEM-gravimetric = 0.02% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
YAB-B-033 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Room #129, on wall			
YAB-B-034 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Room #181, on wall			
YAB-B-035 Priority No.	CT=ND, MAS=NON-ACM, NON-ACCM	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random holes	First floor, Room #184, on wall, upper ceiling tile			MAS PLM result was <1% CH. TEM-gravimetric = 0.02% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
YAB-B-036 Priority No.	CT=ND, MAS=NON-ACM, NON-ACCM	Ceiling tile and brown mastic, 1'x1', white, beige matrix with random holes	First floor, Room #184, on wall			MAS PLM result was <1% CH. TEM-gravimetric = 0.02% by weight. Not considered as an ACM or ACCM under federal and California asbestos regulations.
YAB-B-037 Priority No.	ND	Ceiling tile and yellow mastic, and tan mastic, 1'x1', white, beige matrix with random holes	First floor, Room #184, on wall, lower ceiling tile			
YAB-B-038 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Room #181, on wall			
YAB-B-039 Priority No.	ND	Plaster wall, textured, gray	First floor, Room #103, in ceiling space			
YAB-B-040 Priority No.	ND	Silver paint sealant, on structural beam	First floor, Room #103, in ceiling space			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

YAB

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
YAB-B-041 Priority No.	ND	Silver paint sealant, on structural beam	First floor, hallway outside Room #152, in ceiling space			
YAB-B-042 Priority No.	ND	Plaster wall, textured, gray	First floor, Room #168, in ceiling space			
YAB-B-043 Priority No.	ND	Silver paint sealant, on structural beam	First floor, Room #130, in ceiling space			
YAB-B-044 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, hallway outside Room #130			
YAB-B-045 Priority No.	ND	Plaster wall, textured, light gray	First floor, Room #165			
YAB-B-046 Priority No.	ND	Plaster wall, textured, gray	First floor, Room #165			
YAB-B-047 Priority No.	ND	Plaster wall, textured, light gray	First floor, Room #165			
YAB-B-048 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Room #100, on wall			
YAB-B-049 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix with random holes	First floor, Room #135, on wall			
YAB-B-050 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix, random holes	First floor, Room #138, on wall			

ASBESTOS SURVEY SUMMARY TABLE

Building No.

YAB

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
YAB-B-051 Priority No.	ND	Ceiling tile and brown mastic with plaster wall, 1'x1', white, brown matrix, random holes	First floor, Room #103, on wall			
YAB-B-052 Priority No.	ND	Ceiling tile and brown mastic, 1'x1', white, brown matrix, random holes	First floor, Room #101, on wall			
YAB-B-053 Priority No. 4	JC=2% CH, COMP=<1% CH	Joint compound, off-white, unfinished	First floor, Room #101, on ceiling above 1'x1' ceiling tile	0	Included in YAB-B-016.	Nonfriable and in good condition. JC >1% CH (or <1% CH), but as a wall system composite, it was <1% CH. Not considered as ACM under EPA, but must comply with DOSH regulations as ACM.
YAB-B-054 Priority No.	ND	Ceiling tile and brown mastic with plaster wall, 1'x1', white, brown matrix, random holes	First floor, Room #102, on wall			
YAB-B-055 Priority No.	ND	Joint compound, off-white	First floor, Room #172			
YAB-B-056 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Room #175, above door			
YAB-B-057 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, Room #145, above door			
YAB-B-058 Priority No.	ND	Joint compound, off-white	First floor, hallway outside Room #158			
YAB-B-059 Priority No.	ND	Wallboard (drywall) and joint compound, white	First floor, hallway outside Room #161, above door			
YAB-B-060 Priority No.	ND	Joint compound, white	First floor, Room #168			

ASBESTOS SURVEY SUMMARY TABLE

Building No.	YAB
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Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
YAB-B-061	ND	Wallboard (drywall) and joint compound, white	First floor, Room #135, above door			
Priority No.						

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3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
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ASBESTOS SURVEY SUMMARY TABLE

Building No.

VISITOR CENTER

Sample No.	Analytical Results	Description of Material	Sample Location	Est. Area Covered	Homogeneous Area	Additional Comments
VC-B-001 Priority No.	ND	Ceiling tile, 2'x4', white, beige matrix with random crevices and holes, 2'x2' design	First floor, Room #111			
VC-B-002 Priority No.	ND	Wallboard (drywall) and joint compound, white, textured	First floor, Room #112, behind light switch cover			
VC-B-003 Priority No.	ND	Joint compound, white, textured	First floor, Room #103			
VC-B-004 Priority No.	ND	Wallboard (drywall) and joint compound, white, textured	First floor, Room #109, on ceiling			
VC-B-005 Priority No.	ND	Joint compound, white, textured	First floor, Room #102			
VC-B-006 Priority No.	ND	Interior stucco wall, light gray	First floor, Room #108, on ceiling			
VC-B-007 Priority No.	ND	Interior stucco wall, light gray	First floor, Room #108, on ceiling			

ASBESTOS SURVEY SUMMARY TABLE

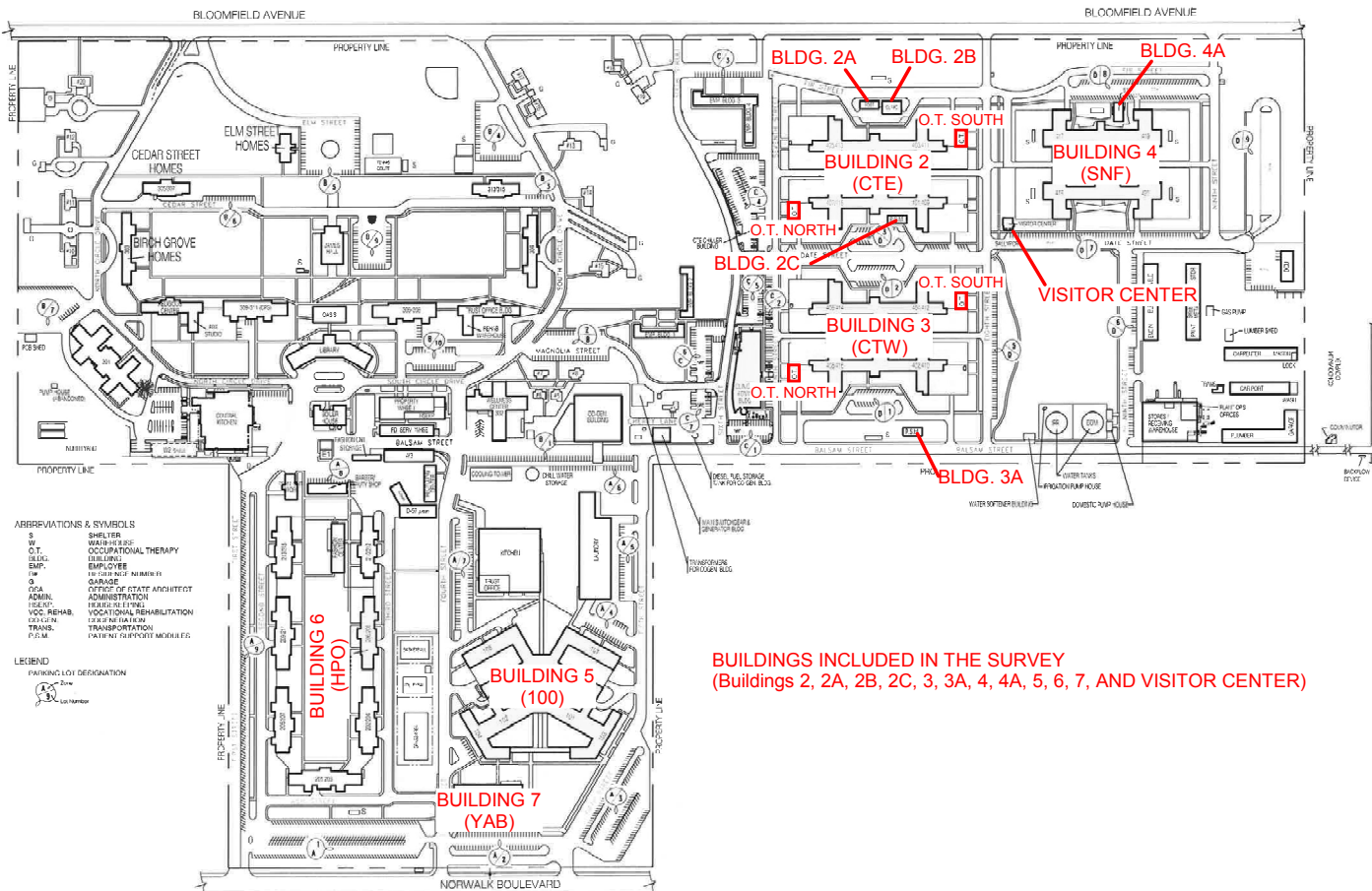
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2. Estimated area covered is intended for discussion and management purposes only. Actual square footage may vary. Other asbestos-containing materials (ACMs) may be present in inaccessible areas.
3. CH = chrysotile; AM = amosite; CR = crocidolite; AN = anthophyllite; TR = tremolite; AC = actinolite; ND = none detected; <1% = trace amount of asbestos.
4. HVAC = heating, ventilation, and air conditioning unit; FP = floor plan; OD = outside diameter; LF = linear feet; SF = square feet; "~" = approximately; "<" = less than; ">" = greater than; OH = overhang; PLM = polarized light microscopy; TEM = transmission electron microscopy; "+" = positive, "x" = times.
5. FM = flooring material; FT = floor tile; MAS = mastic; LN = linoleum; CB = cove base; CBM = cove base and mastic; SP = silver paint sealant; DS = duct sealant; DW = drywall; RM = roofing material; PRC = plastic roof cement; FLC = floor leveling compound; CT = ceiling tile; HDW = HVAC duct wrapping material; DI = duct insulation; SFP = silver foil paper; PI = pipe insulation; DT = duct tape; SACTM = spray-applied ceiling texture material.
6. JC = asbestos concentration for joint compound; COMP = assumed asbestos concentrations for the composited system (walls and/or ceiling) consisting of wallboard (drywall) and joint compound. Estimated area covered for joint compound and other wall material is based on the floor area. Actual square footage of the composite wall and/or ceiling system can vary from 2 to 5 times the floor area.
7. ACM = asbestos-containing material; ACCM = asbestos-containing construction material.
8. EPA = U.S. Environmental Protection Agency; DOSH = Division of Occupational Safety and Health.

FIGURES 1 TO 19



LEGEND



GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang & Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.



SITE PLAN
METROPOLITAN STATE HOSPITAL
NORWALK, CALIFORNIA



LEGEND

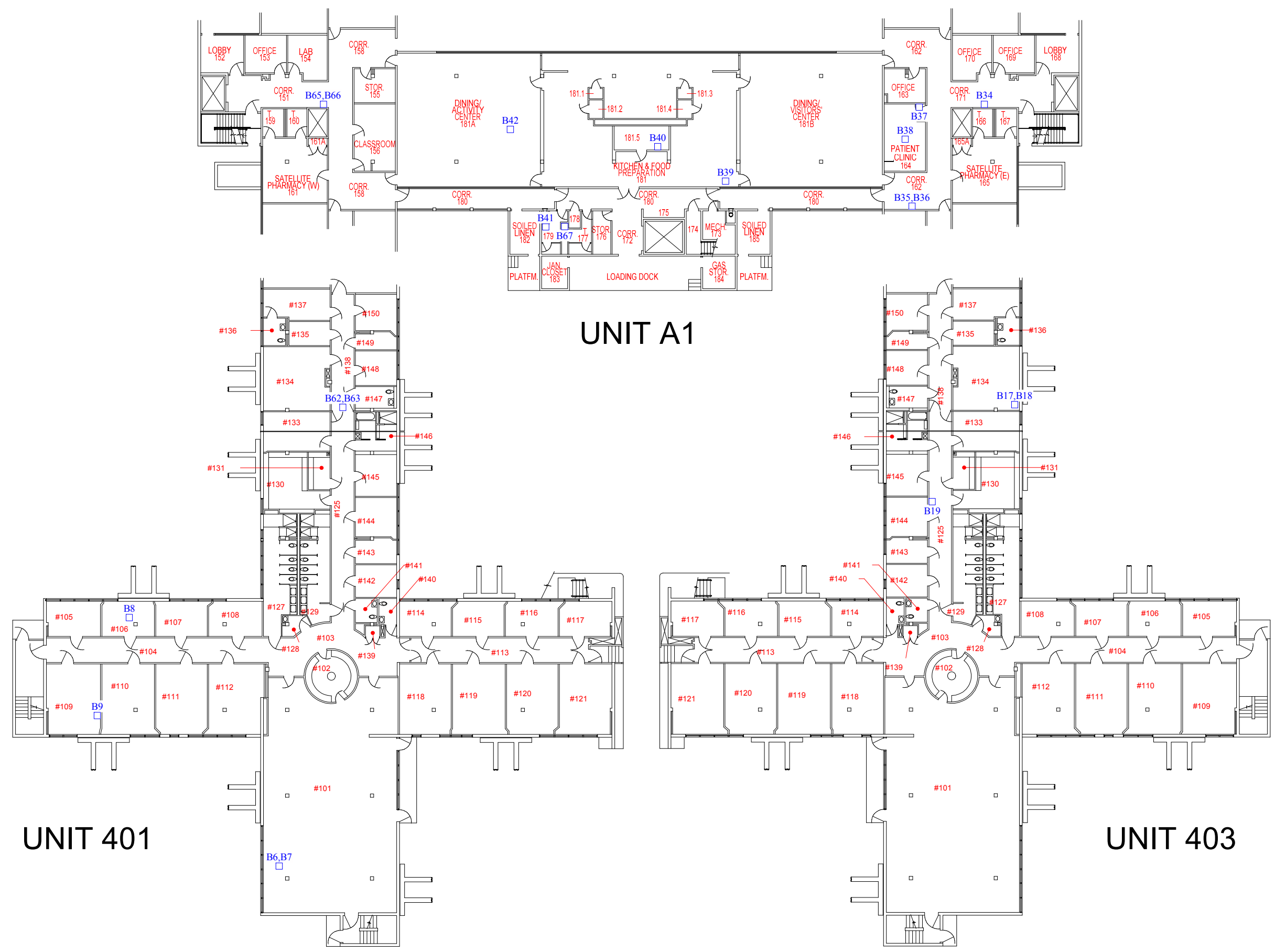
- Bulk Sample Location (Negative or <0.1% Asbestos)

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
BUILDING 2 (CTE BUILDING)
FIRST FLOOR PLAN
UNITS 401, 403, AND A1




UNIT A1

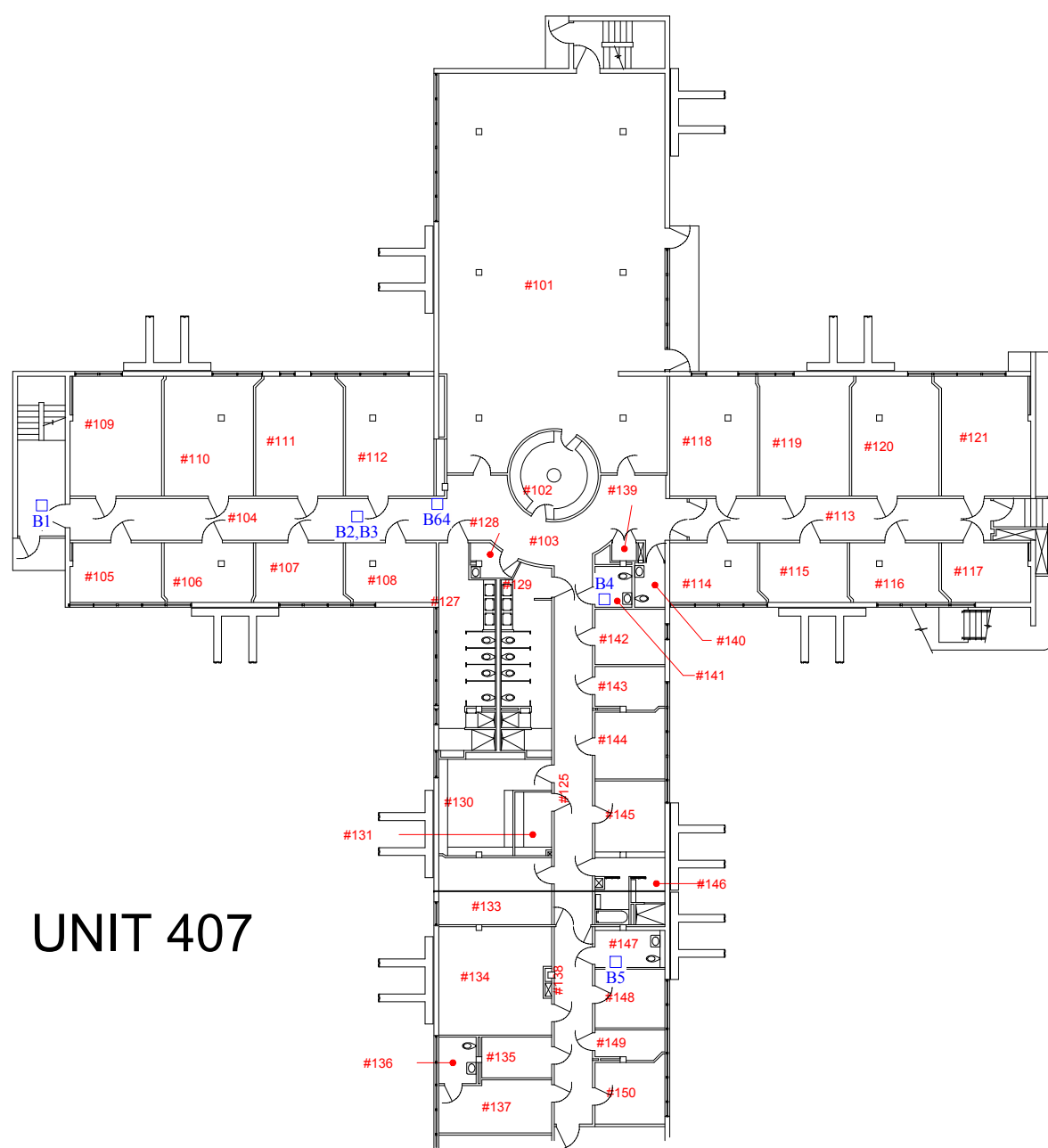
UNIT 401

UNIT 403

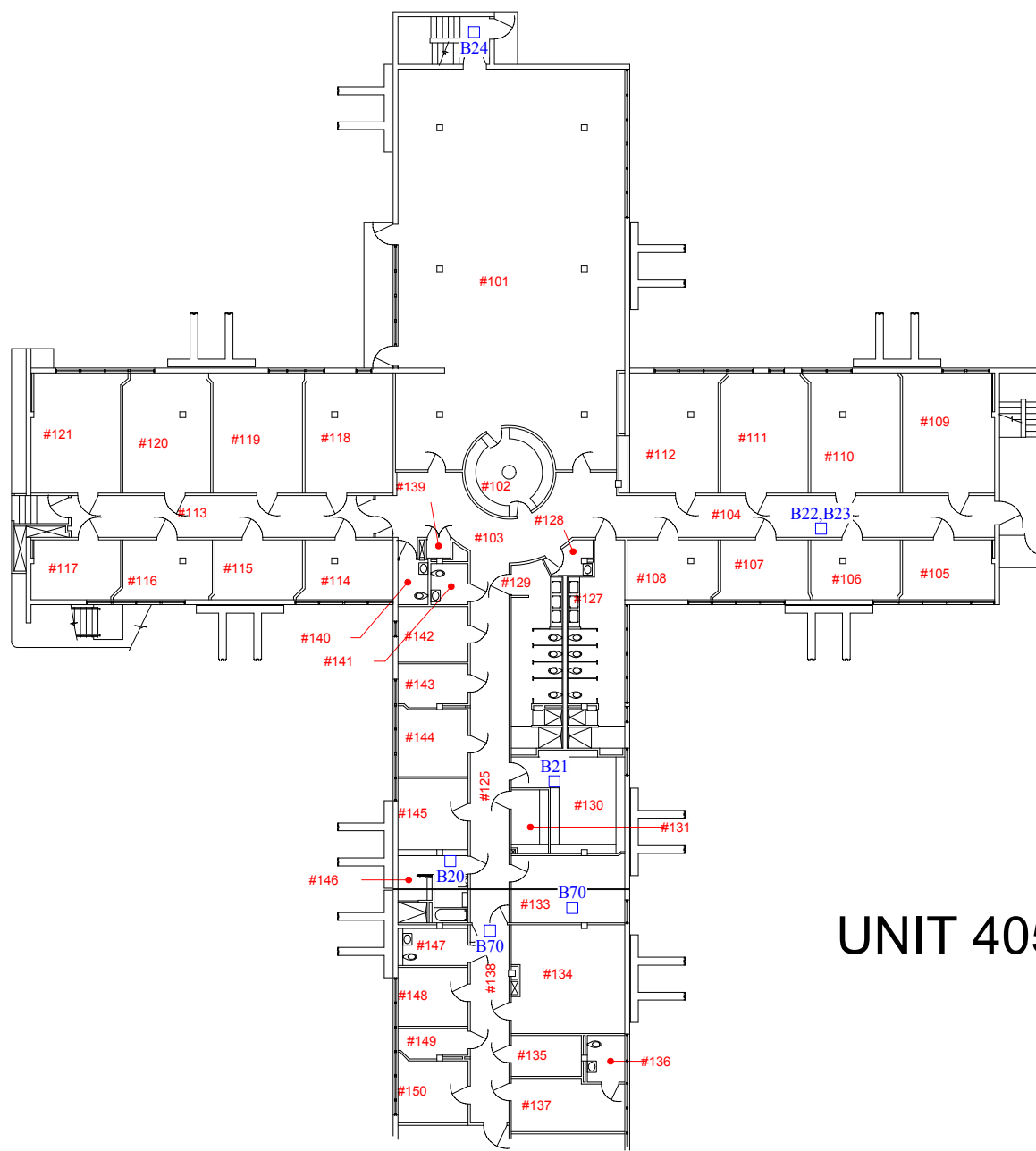


LEGEND

-  Bulk Sample Location (Negative or <0.1% Asbestos)



UNIT 407



UNIT 405

GENERAL NOTES


1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
BUILDING 2 (CTE BUILDING)
FIRST FLOOR PLAN
UNITS 405 AND 407



LEGEND

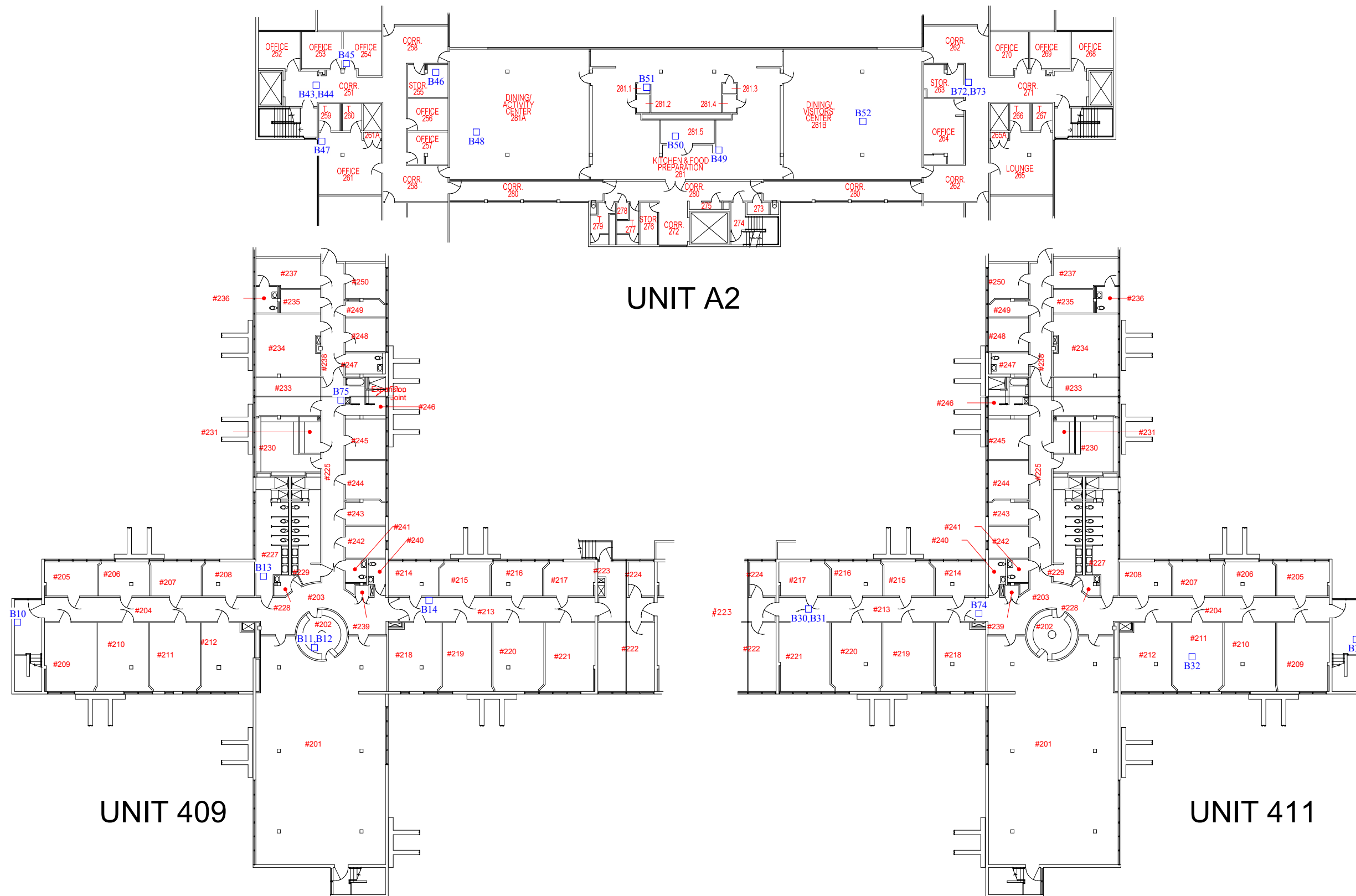
-  Bulk Sample Location (Negative or <0.1% Asbestos)

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



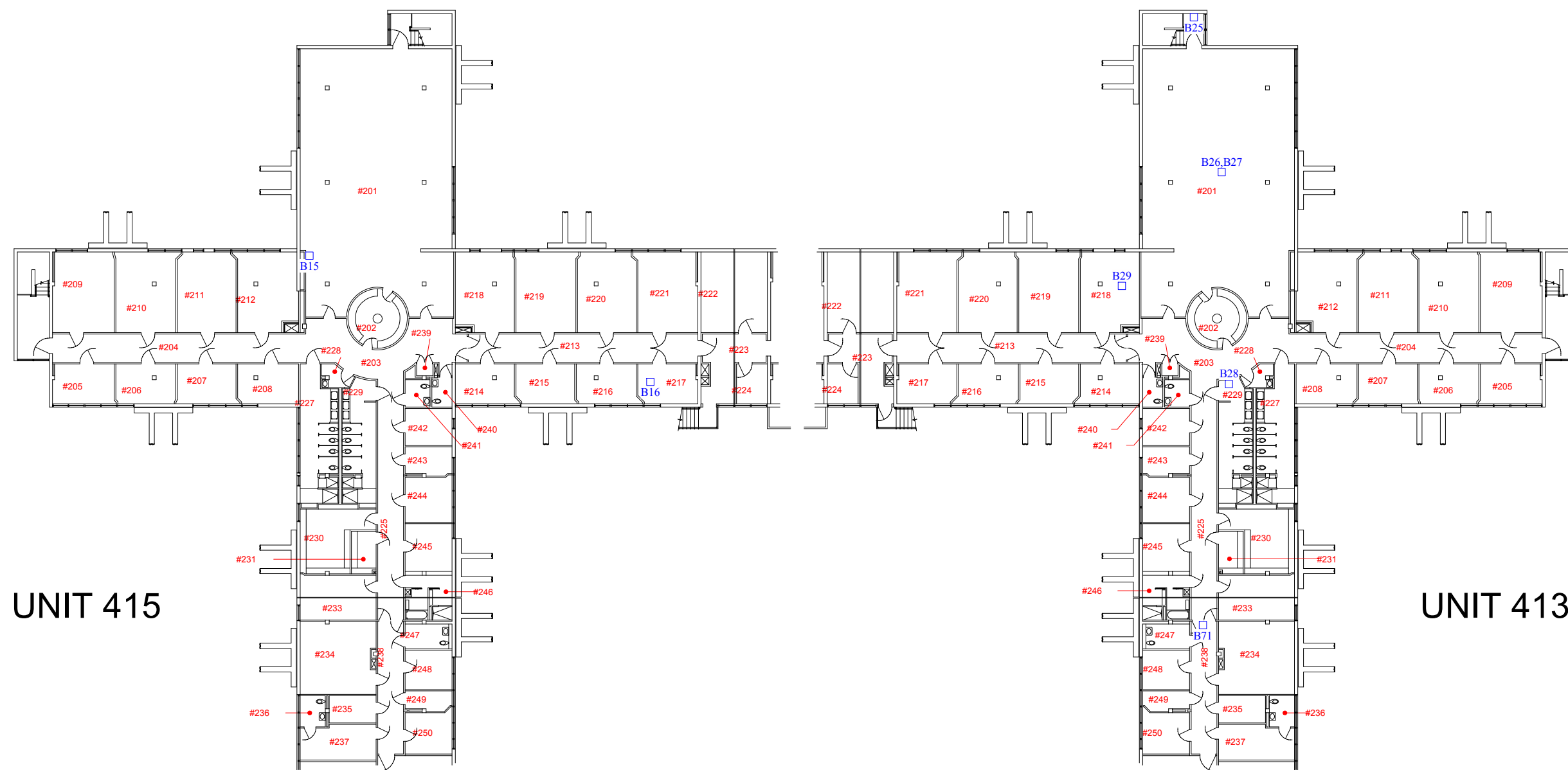
BULK SAMPLE LOCATIONS
BUILDING 2 (CTE BUILDING)
SECOND FLOOR PLAN
UNITS 409, 411, AND A2





LEGEND

- Bulk Sample Location (Negative or <0.1% Asbestos)



UNIT 415

UNIT 413

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
BUILDING 2 (CTE BUILDING)
SECOND FLOOR PLAN
UNITS 413 AND 415



LEGEND

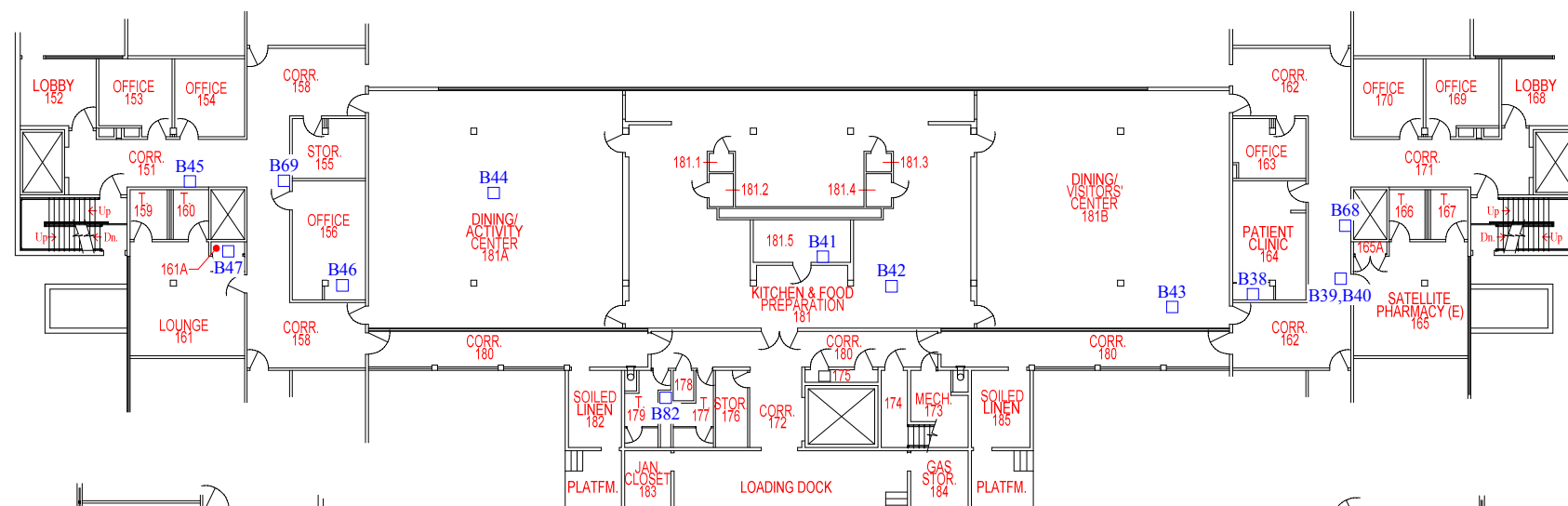
- Bulk Sample Location (Negative or <0.1% Asbestos)

GENERAL NOTES

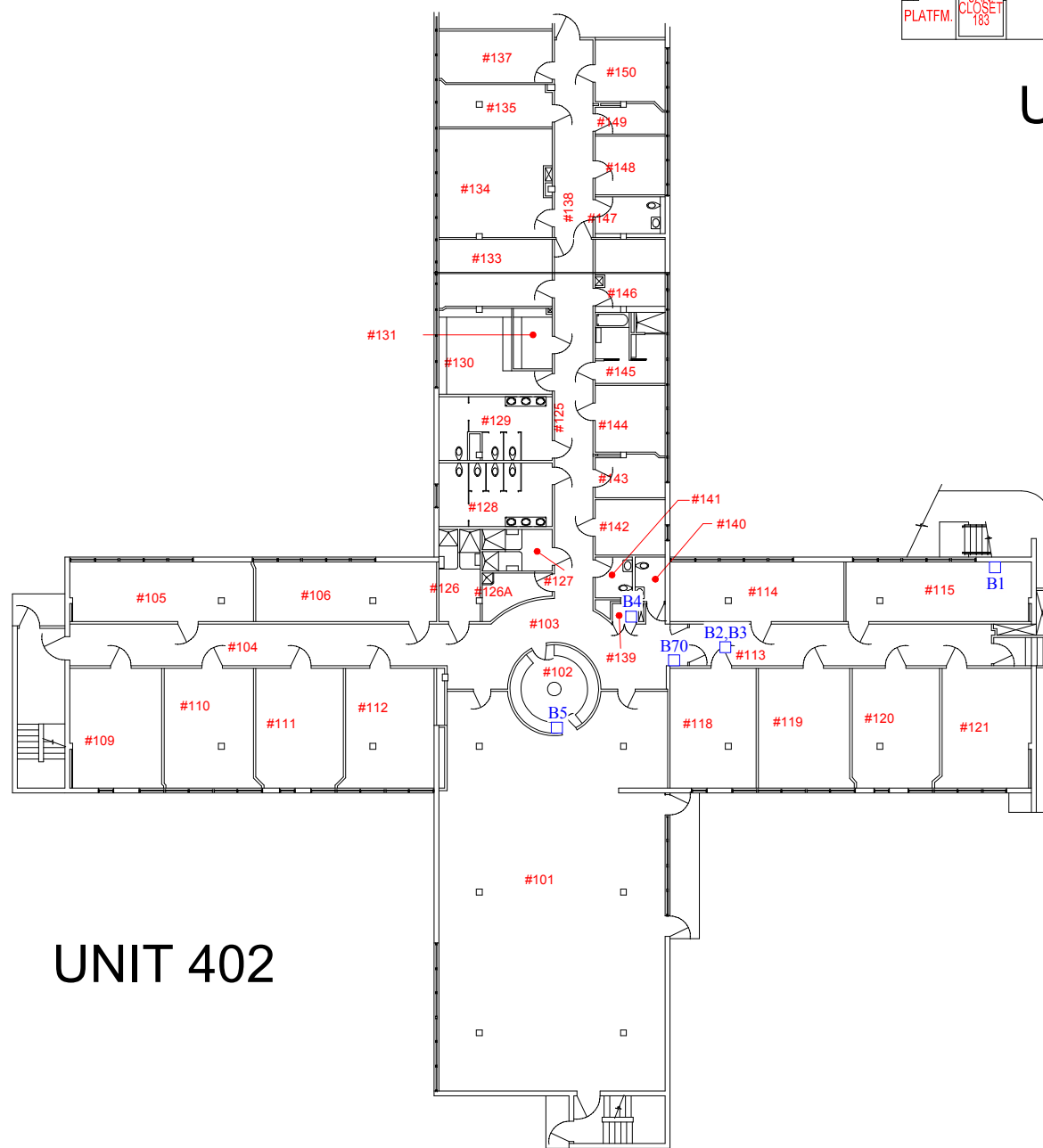
1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



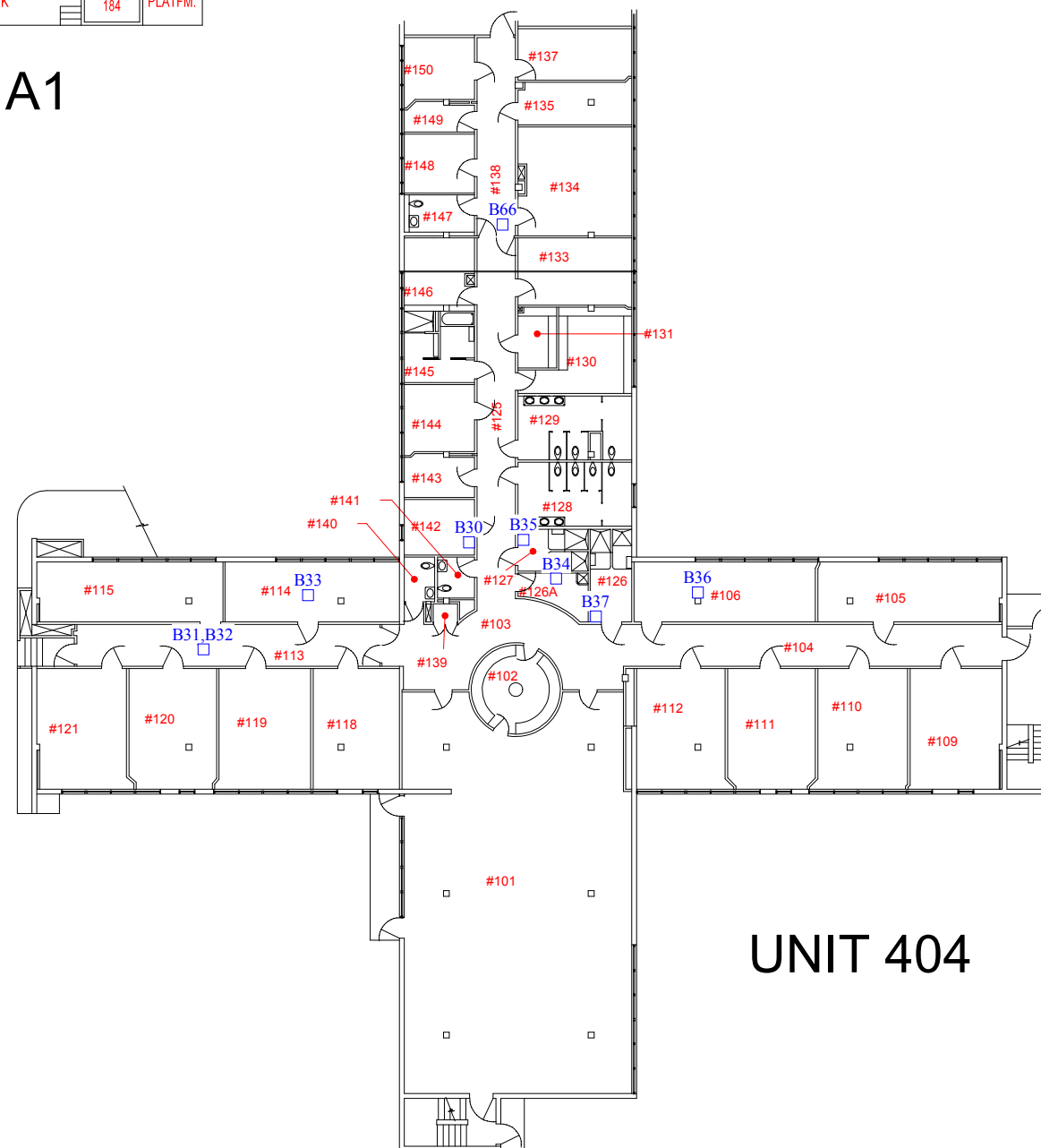
BULK SAMPLE LOCATIONS
BUILDING 3 (CTW BUILDING)
FIRST FLOOR PLAN
UNITS 402, 404, AND A1



UNIT A1




UNIT 402

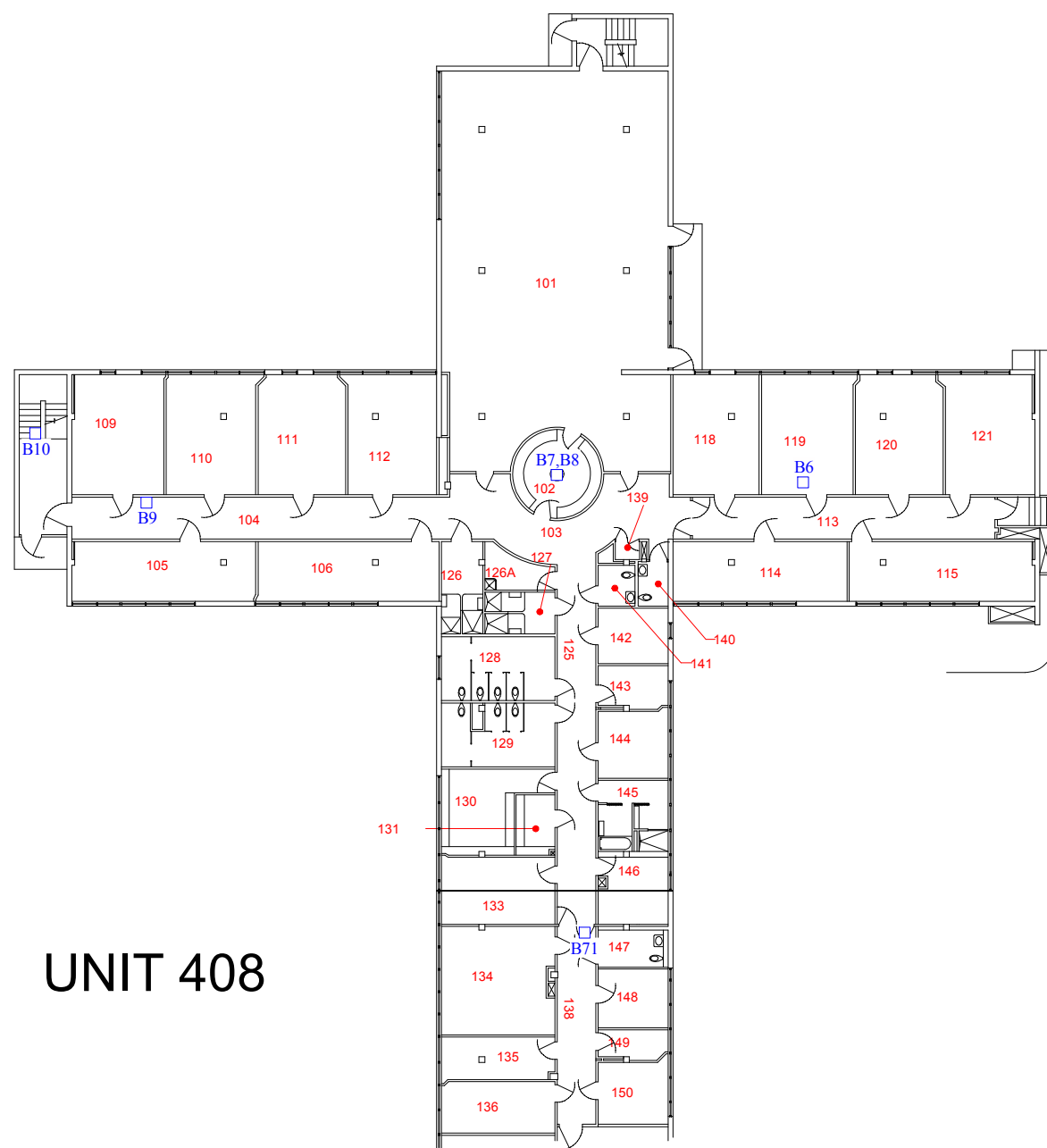


UNIT 404

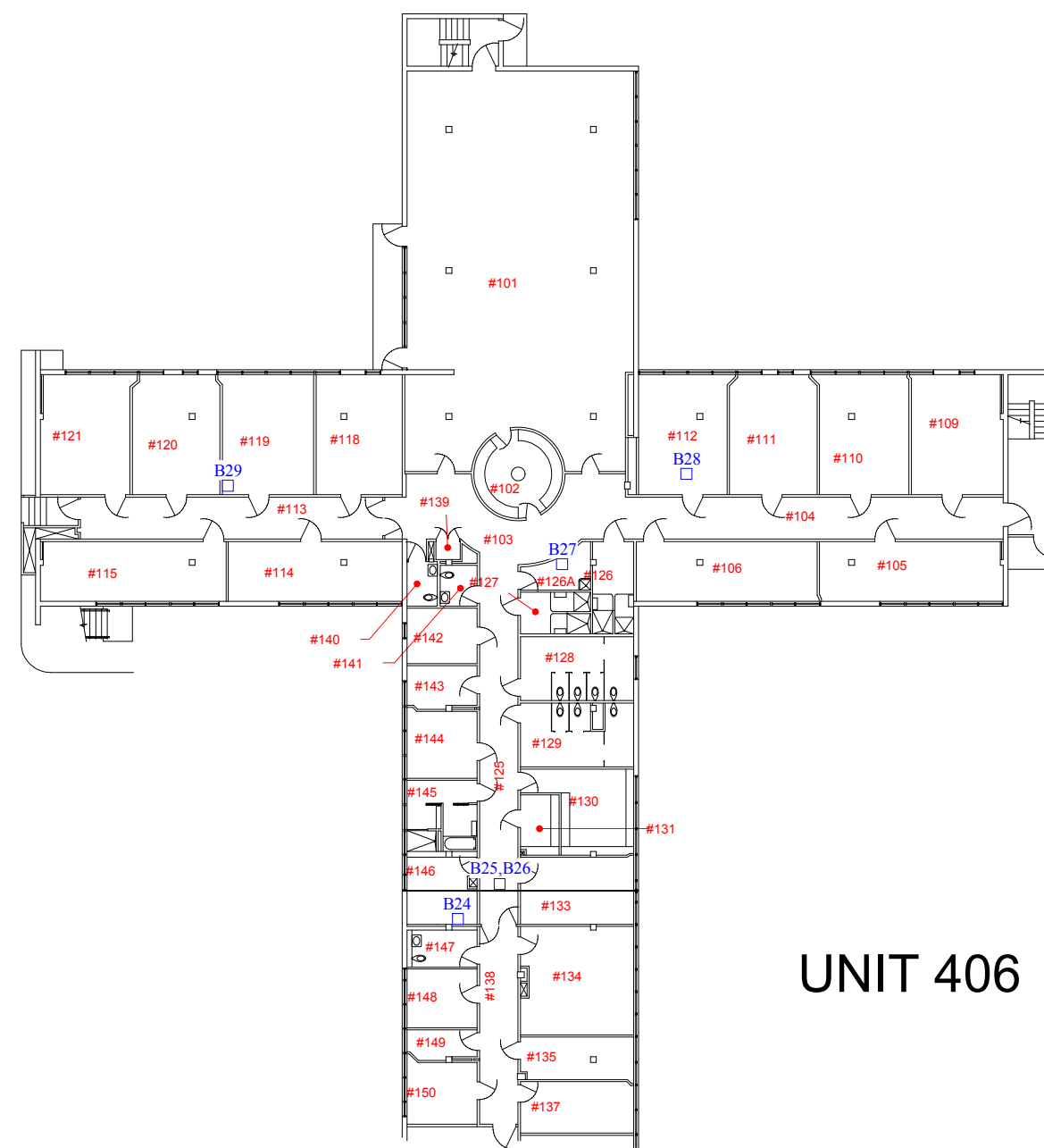


LEGEND

-  Bulk Sample Location (Negative or <0.1% Asbestos)



UNIT 408



UNIT 406

GENERAL NOTES


1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
BUILDING 3 (CTW BUILDING)
FIRST FLOOR PLAN
UNITS 406 AND 408



LEGEND

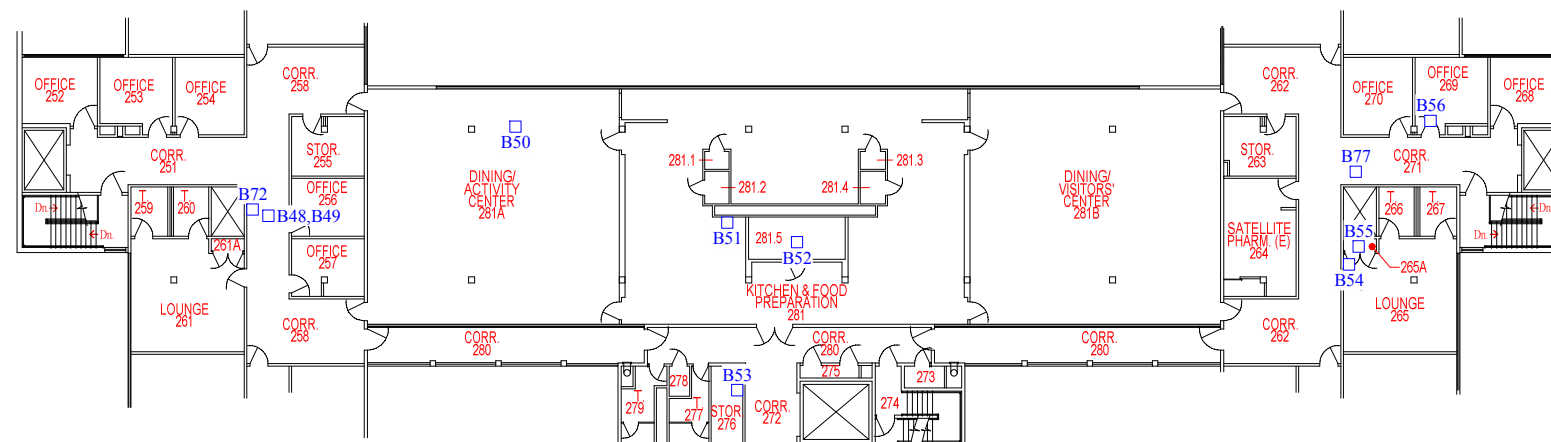
-  Bulk Sample Location (Negative or <0.1% Asbestos)

GENERAL NOTES

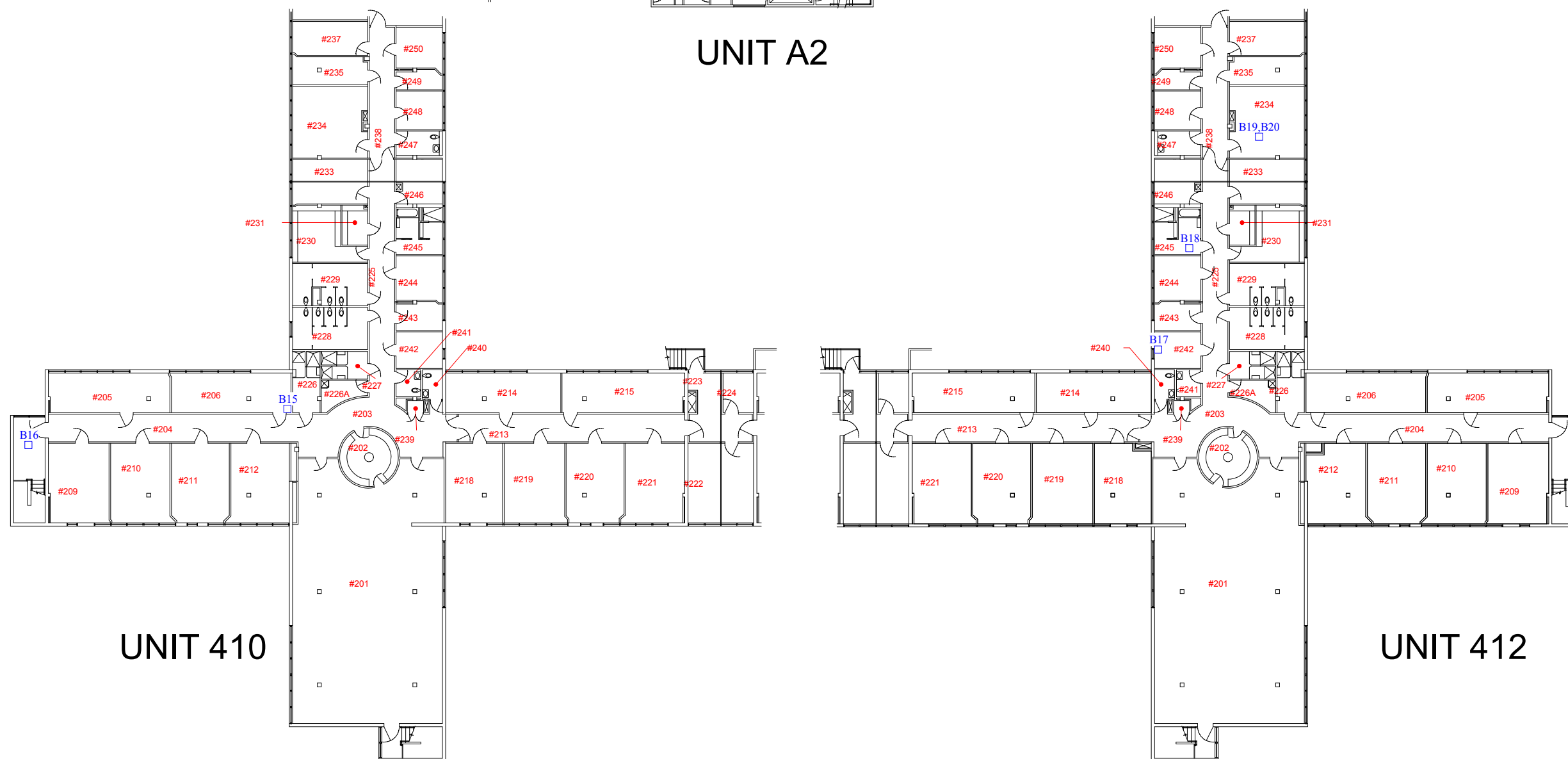
- All locations are approximate. No scale or dimension is implied.
- Base map obtained from J.C. Chang and Associates.
- Room numbers or area designations are arbitrarily assigned for discussion purposes only.
- Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
- Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
BUILDING 3 (CTW BUILDING)
SECOND FLOOR PLAN
UNITS 410, 412, AND A2



UNIT A2




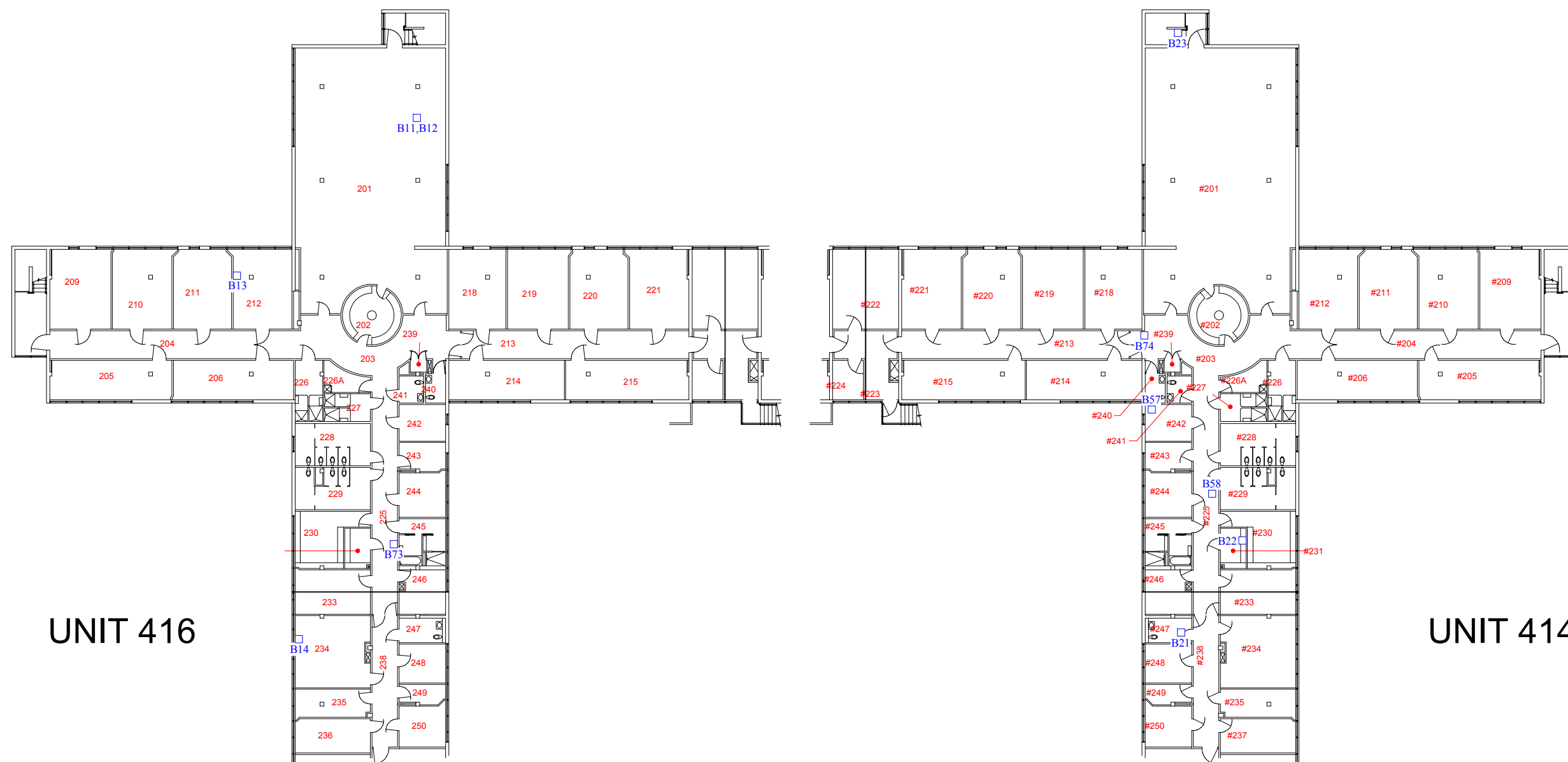
UNIT 410

UNIT 412



LEGEND

-  Bulk Sample Location (Negative or <0.1% Asbestos)



UNIT 416

UNIT 414

GENERAL NOTES


1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.

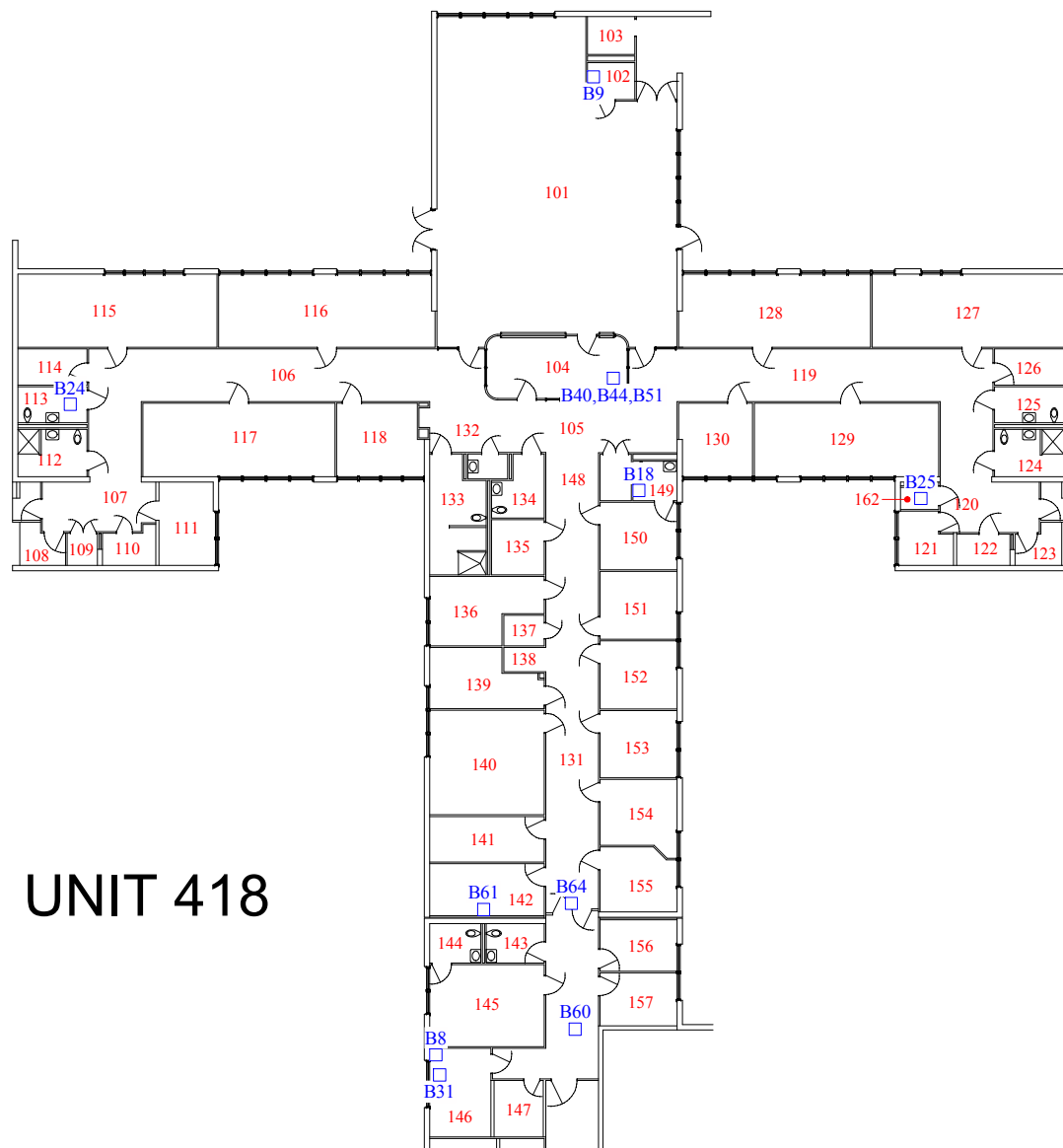


BULK SAMPLE LOCATIONS
BUILDING 3 (CTW BUILDING)
SECOND FLOOR PLAN
UNITS 414 AND 416

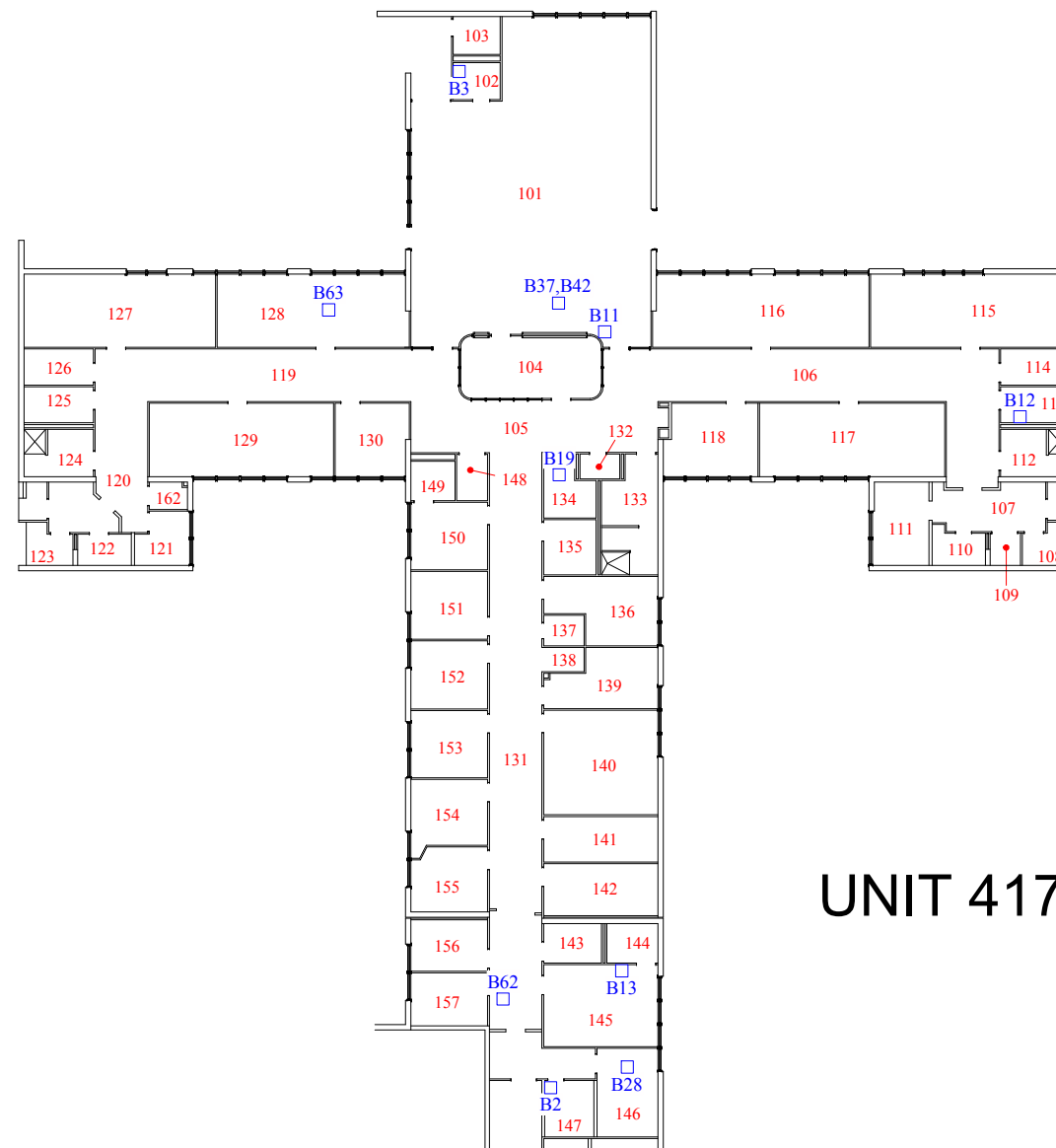


LEGEND

-  Bulk Sample Location (Negative or <0.1% Asbestos)

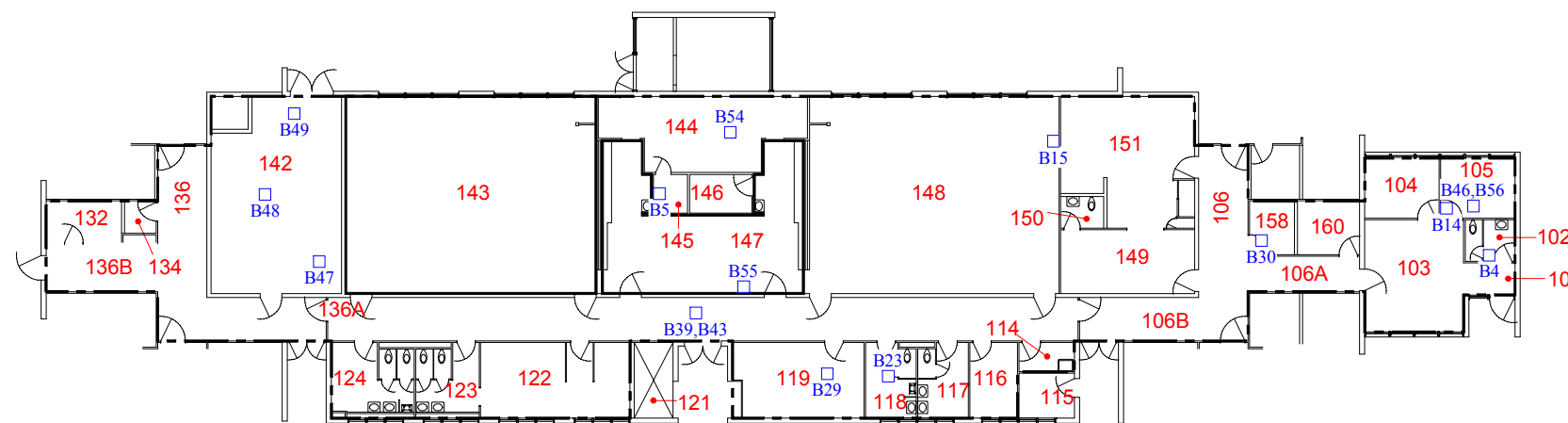


UNIT 418



UNIT 417

UNIT A



GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.

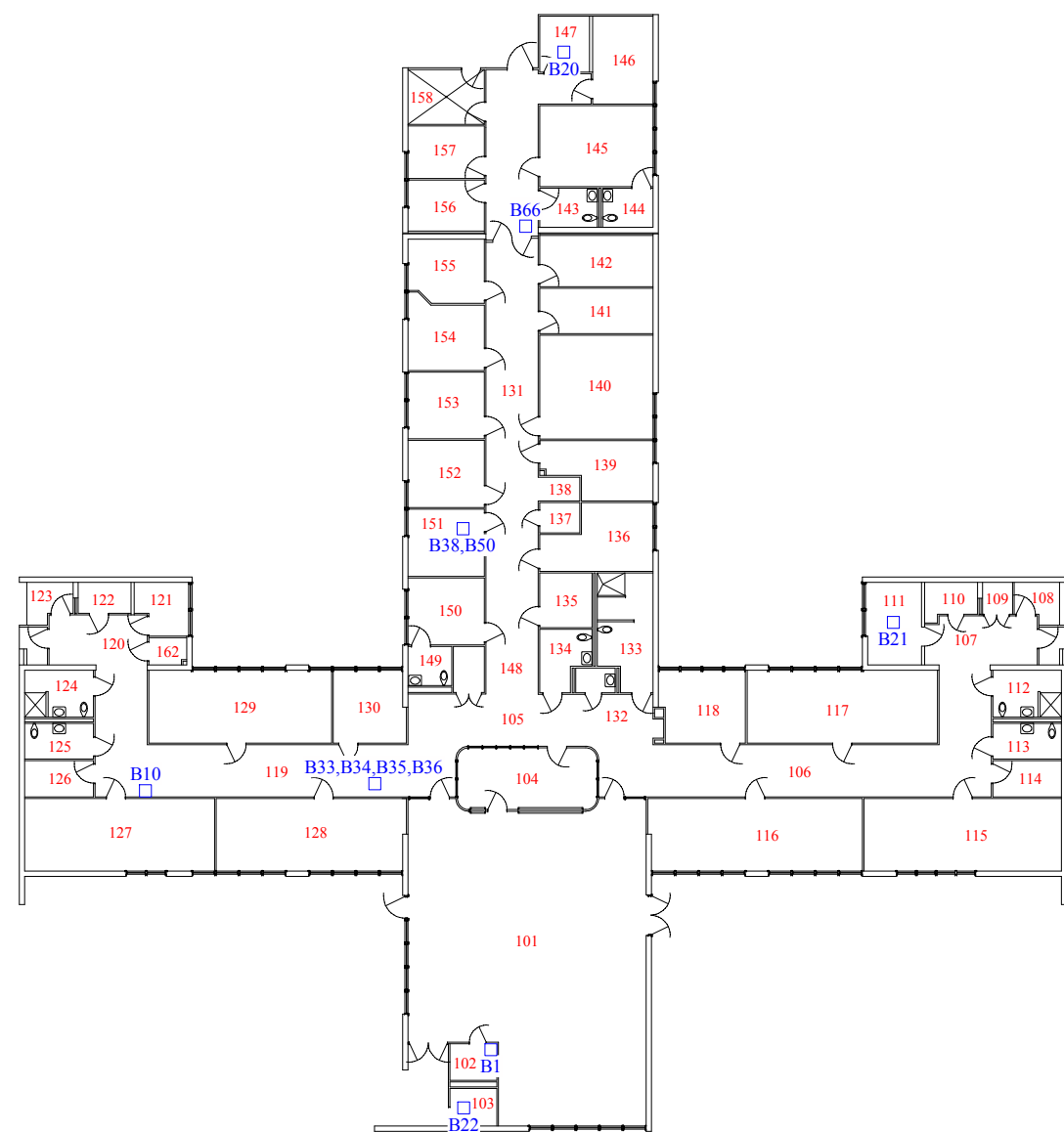


BULK SAMPLE LOCATIONS
BUILDING 4 (SNF BUILDING)
FLOOR PLAN
UNITS 417, 418, AND A

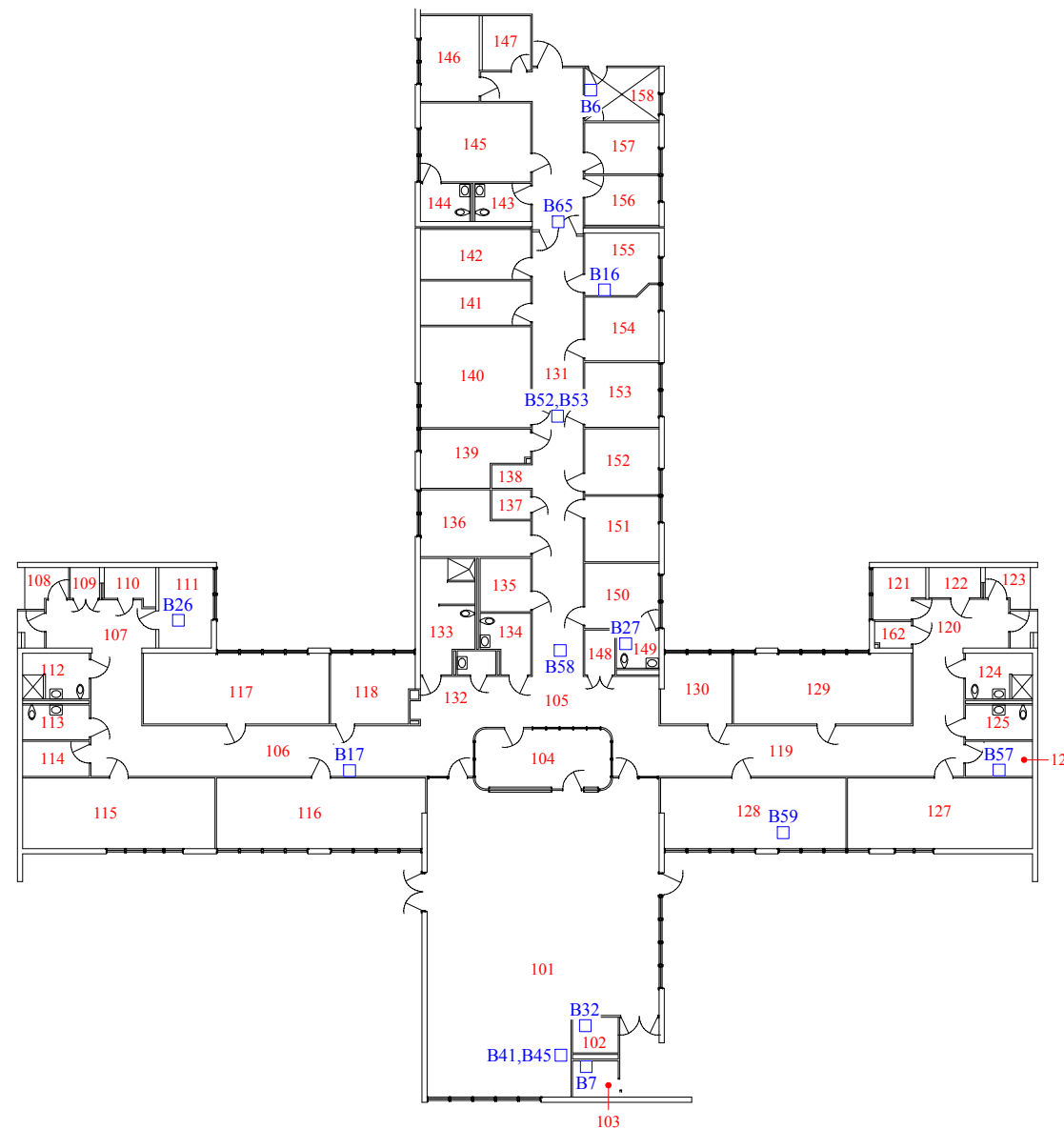


LEGEND

- Bulk Sample Location (Negative or <0.1% Asbestos)



UNIT 419



UNIT 420

GENERAL NOTES




1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.

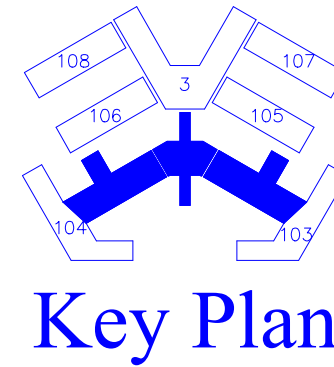


BULK SAMPLE LOCATIONS
BUILDING 4 (SNF BUILDING)
FLOOR PLAN
UNITS 419 AND 420



LEGEND

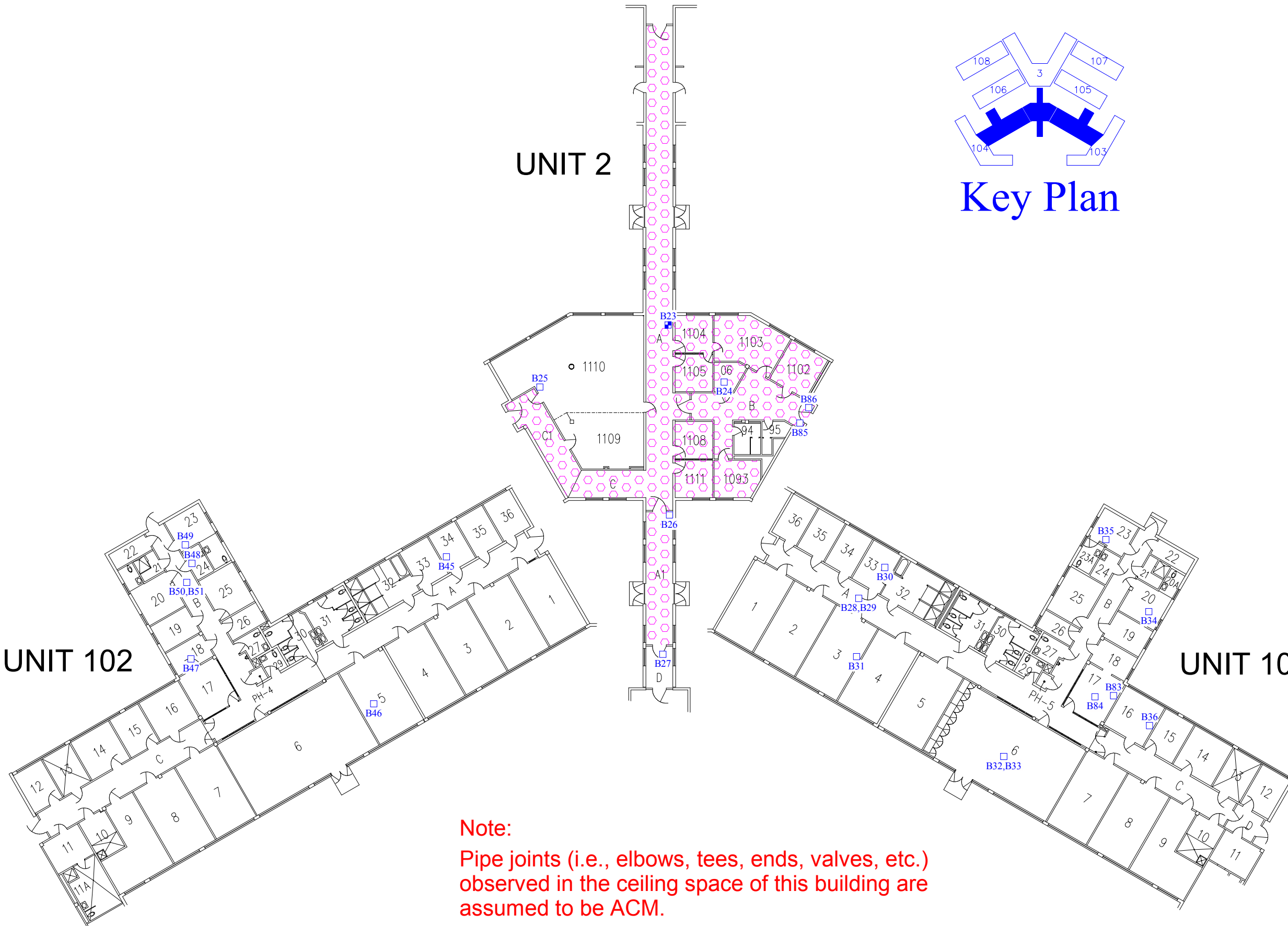
-  Bulk Sample Location (Negative or <0.1% Asbestos)
-  Bulk Sample Location (Positive, >0.1% and <1% Asbestos)
-  Brown Ceiling Tile Mastic (<1% Asbestos)



UNIT 2

UNIT 102

UNIT 101



Note:
 Pipe joints (i.e., elbows, tees, ends, valves, etc.) observed in the ceiling space of this building are assumed to be ACM.

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.






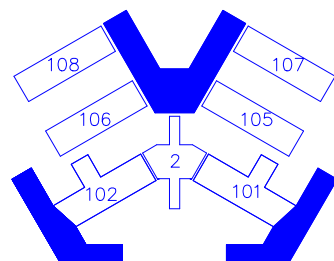
BULK SAMPLE LOCATIONS
 BUILDING 5 (100 BUILDING)
 FLOOR PLAN
 UNITS 101, 102, AND 2

Note:
 Pipe joints (i.e., elbows, tees, ends, valves, etc.)
 observed in the ceiling space of this building are
 assumed to be ACM.



LEGEND

-  Bulk Sample Location (Negative or <0.1% Asbestos)
-  Bulk Sample Location (Positive, >0.1% and <1% Asbestos)
-  Brown Ceiling Tile Mastic (<1% Asbestos)

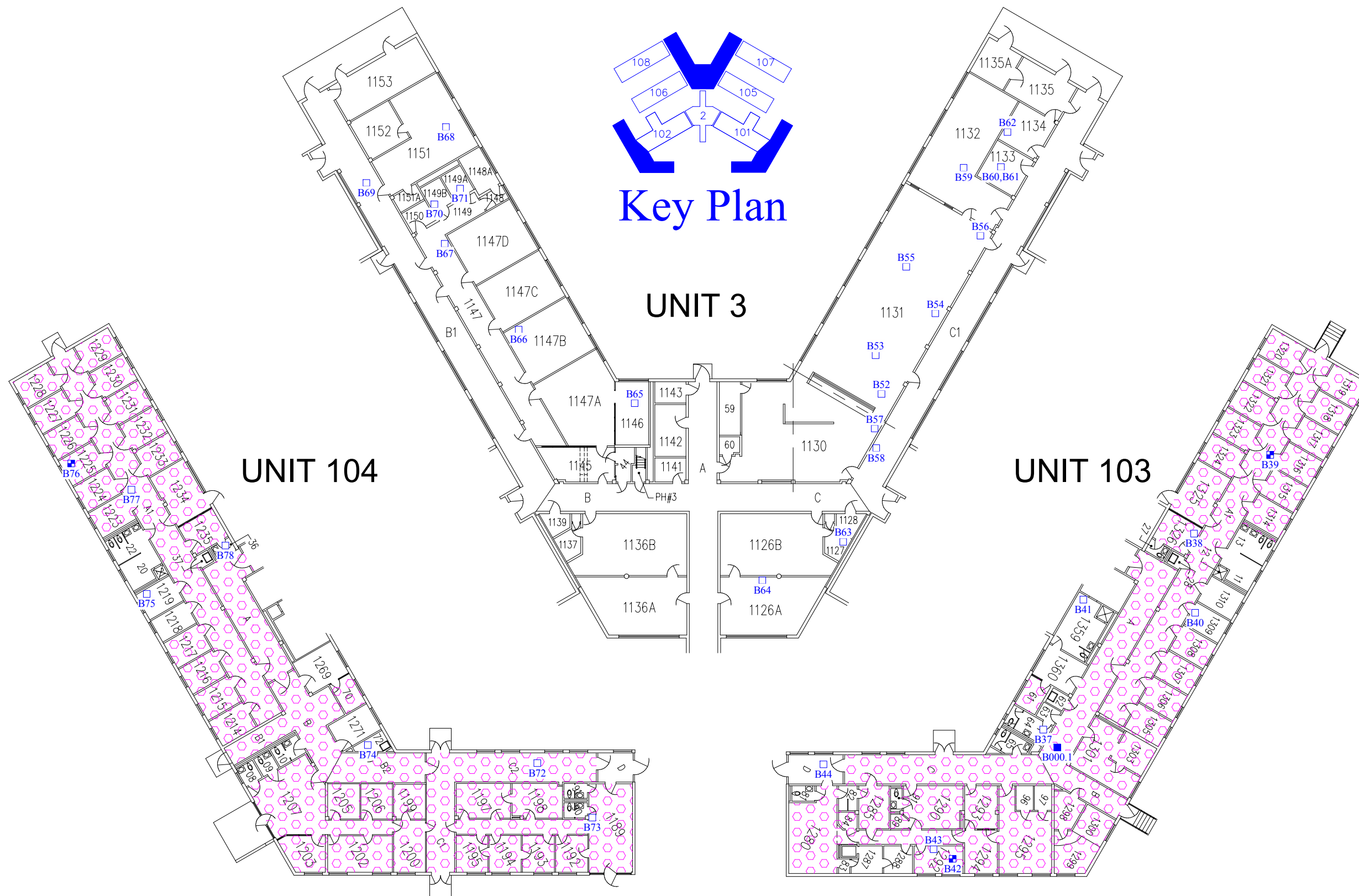


Key Plan

UNIT 3

UNIT 104

UNIT 103

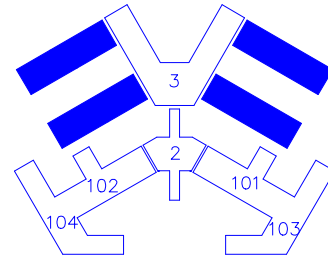


GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



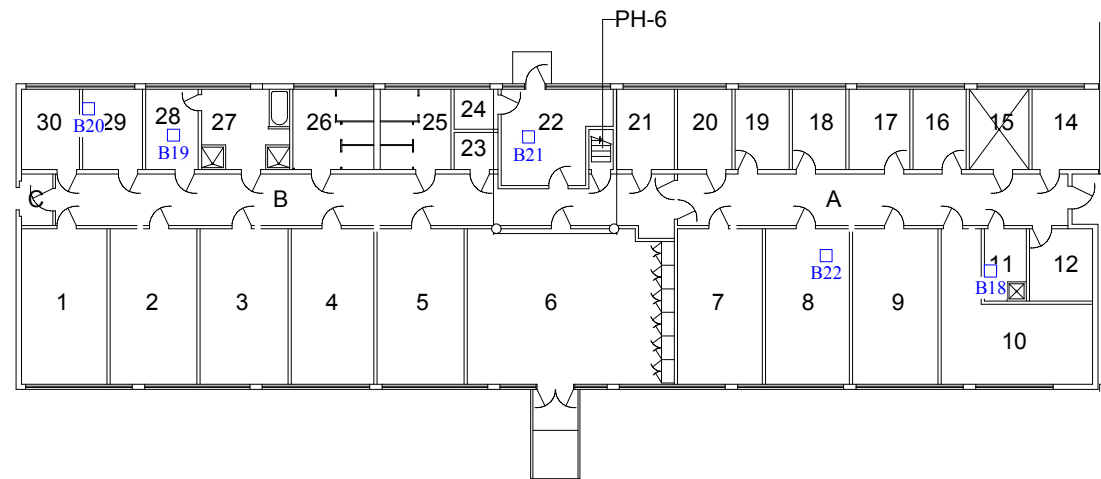
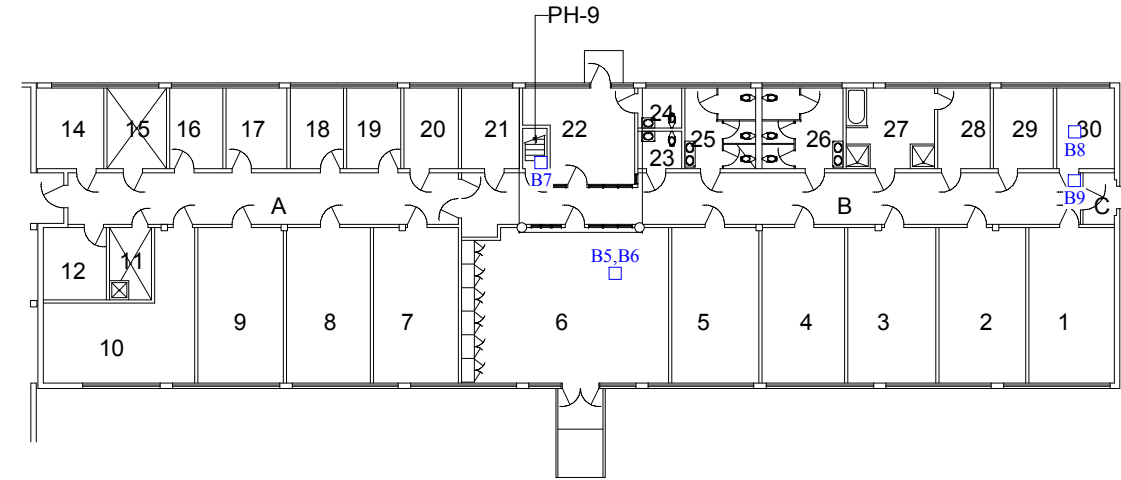
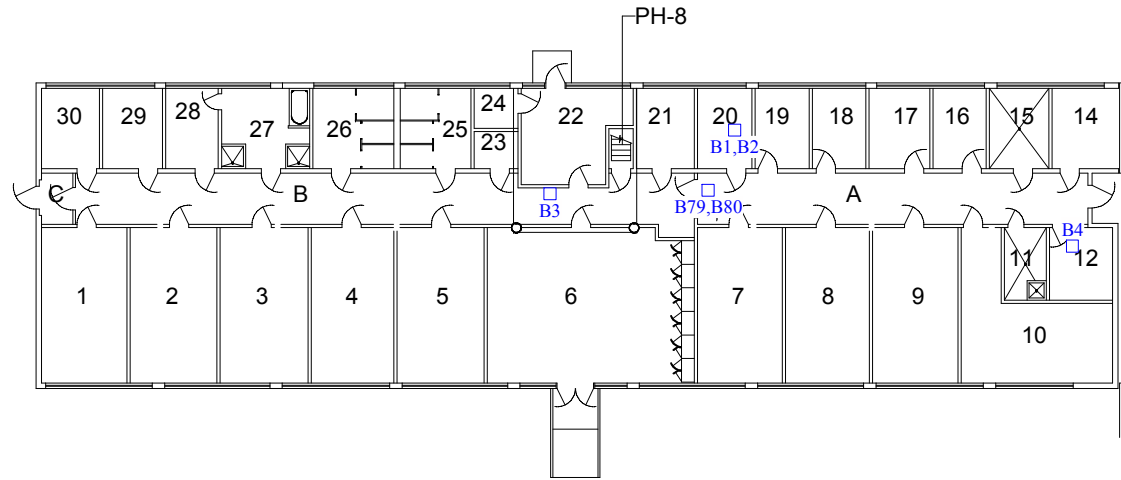
BULK SAMPLE LOCATIONS
 BUILDING 5 (100 BUILDING)
 FLOOR PLAN
 UNITS 3, 103, AND 104



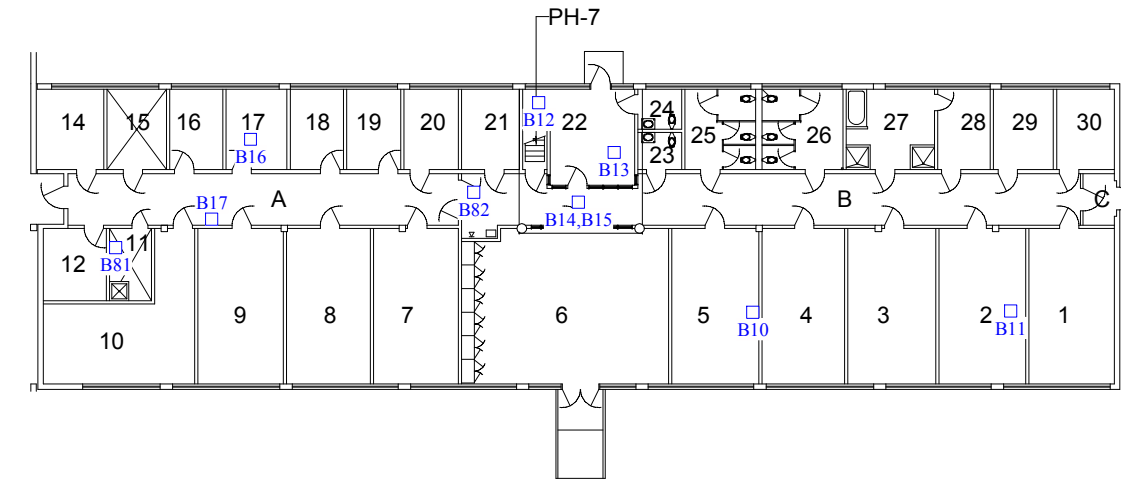
UNIT 108

Key Plan

UNIT 107



UNIT 106



UNIT 105

Note:
Pipe joints (i.e., elbows, tees, ends, valves, etc.)
observed in the ceiling space of this building are
assumed to be ACM.



LEGEND

□ Bulk Sample Location (Negative or <0.1% Asbestos)

GENERAL NOTES




1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.

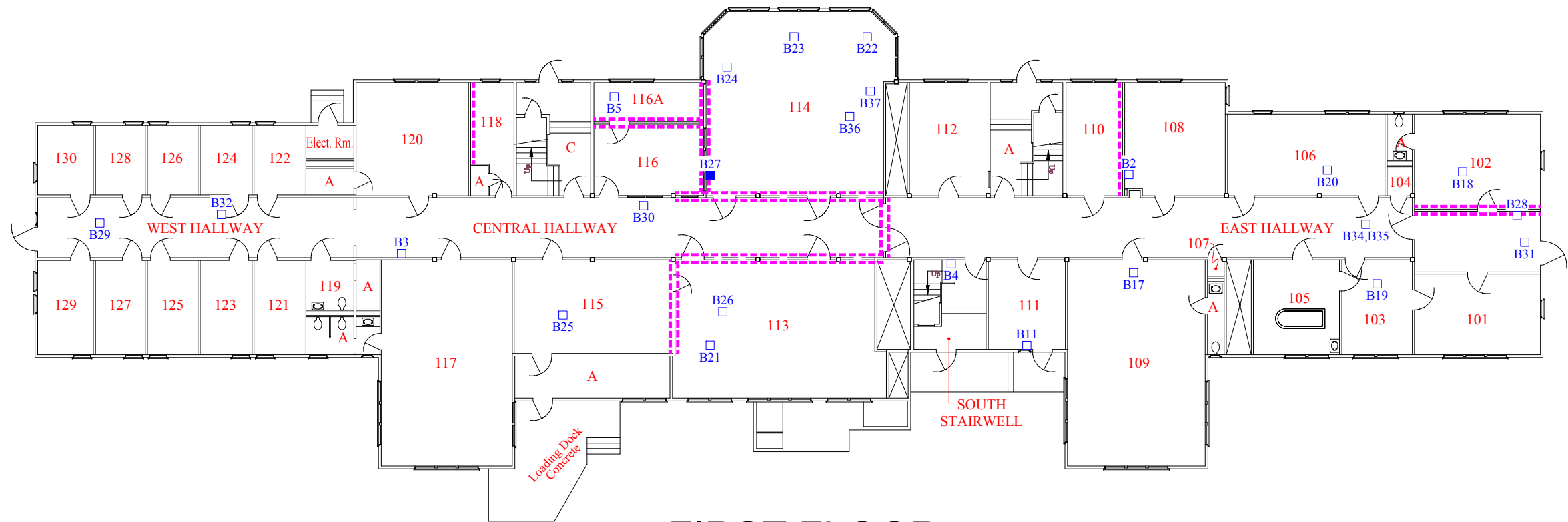


BULK SAMPLE LOCATIONS
BUILDING 5 (100 BUILDING)
FLOOR PLAN
UNITS 105, 106, 107, AND 108

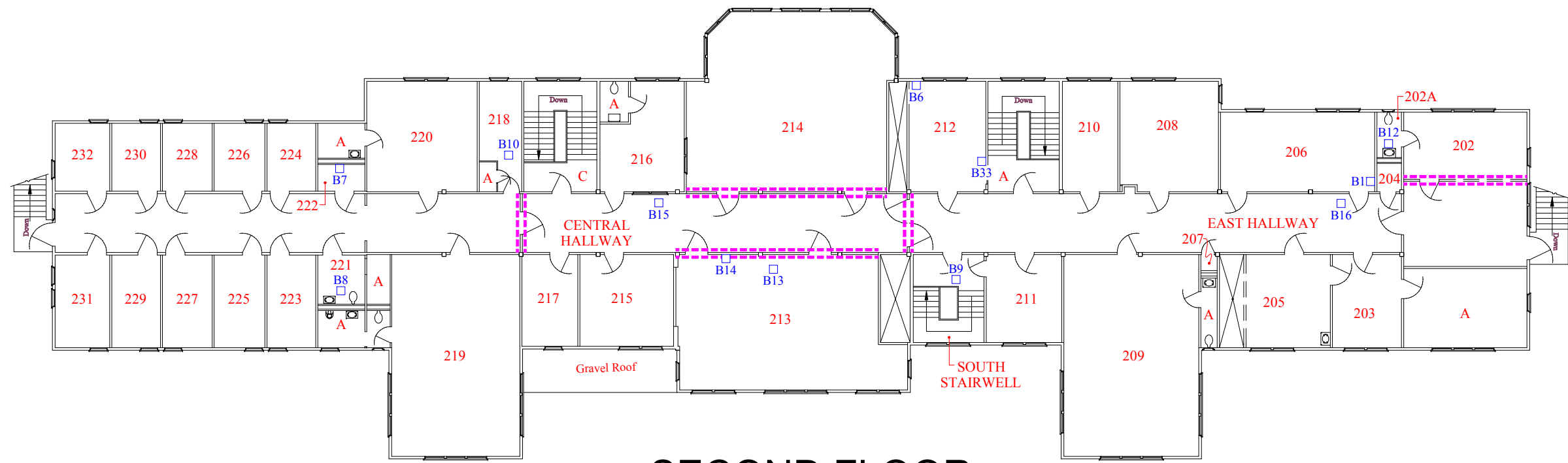


LEGEND

-  Bulk Sample Location (Negative or <0.1% Asbestos)
-  Bulk Sample Location (Positive, >1% Asbestos)
-  Wall System With Asbestos-Containing Joint Compound (>1% Asbestos). As A Composite System, It Is Assumed to Contain <1% Asbestos.



FIRST FLOOR



SECOND FLOOR

GENERAL NOTES





1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.

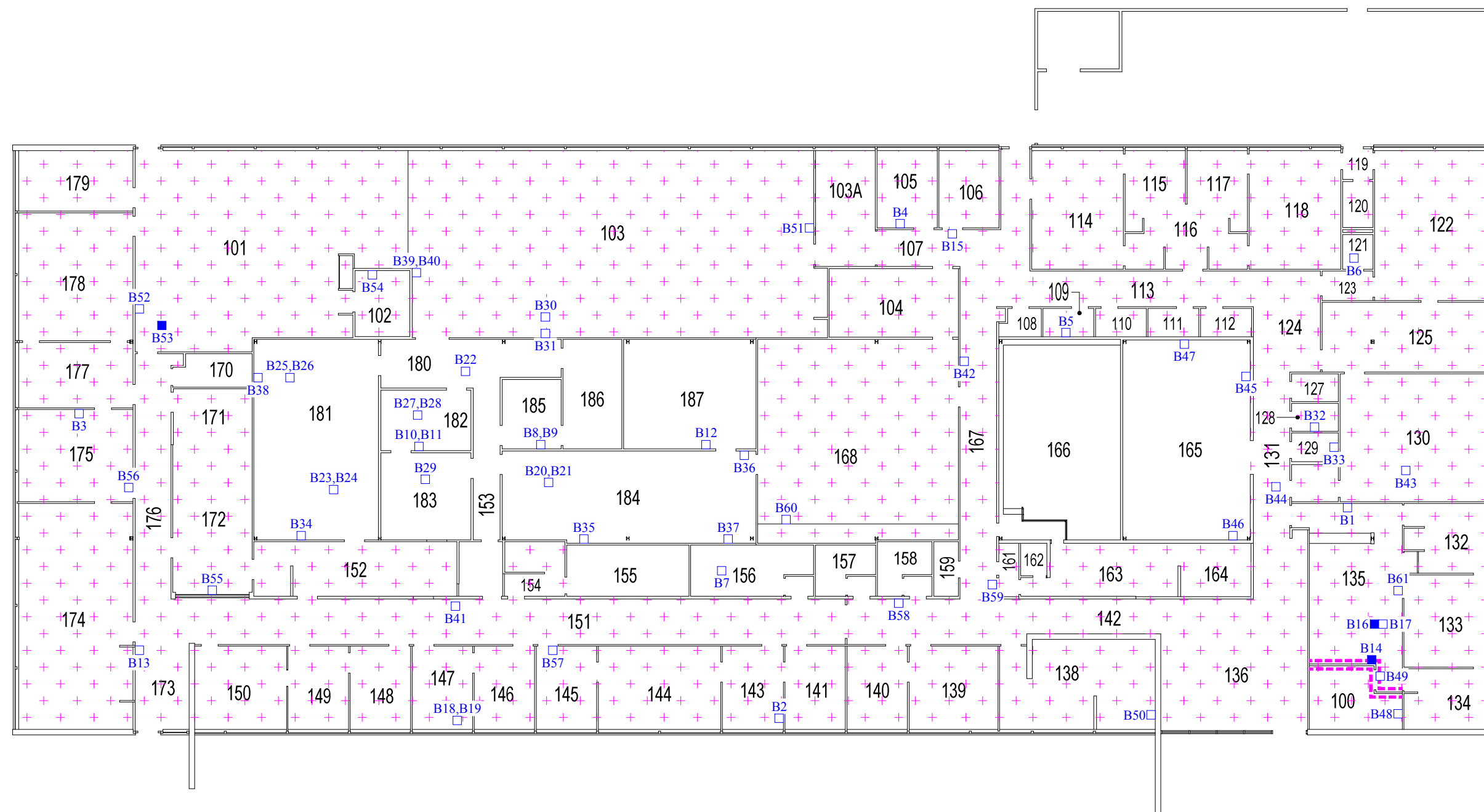


BULK SAMPLE LOCATIONS
BUILDING 6 (HPO BUILDING)
FLOOR PLAN



LEGEND

-  Bulk Sample Location (Negative or <0.1% Asbestos)
-  Bulk Sample Location (Positive, >1% Asbestos)
-  Wall System With Asbestos-Containing Joint Compound (>1% Asbestos). As A Composite System, It Is Assumed to Contain <1% Asbestos.
-  Ceiling System With Asbestos-Containing Joint Compound (>1% Asbestos). As A Composite System, It Is Assumed to Contain <1% Asbestos.



GENERAL NOTES




1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
BUILDING 7 (YAB BUILDING)
FLOOR PLAN



LEGEND

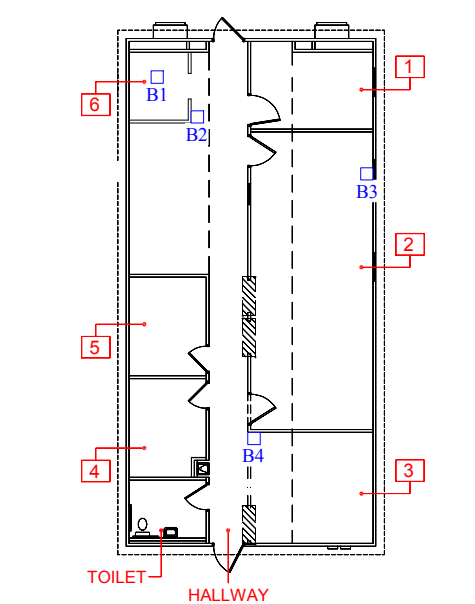
-  Bulk Sample Location (Negative or <0.1% Asbestos)
-  Bulk Sample Location (Positive, >0.1% and <1% Asbestos)
-  Brown Ceiling Tile Mastic (<1% Asbestos)

GENERAL NOTES

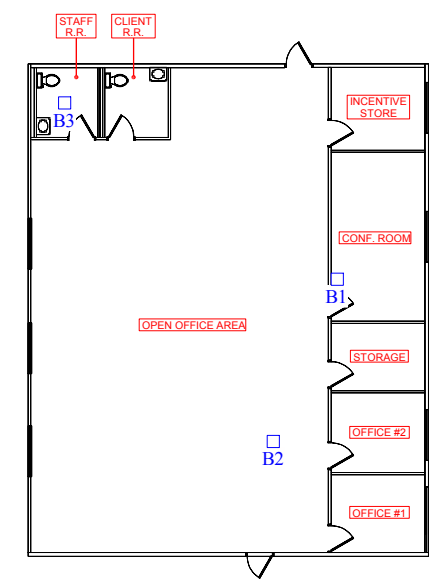
1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



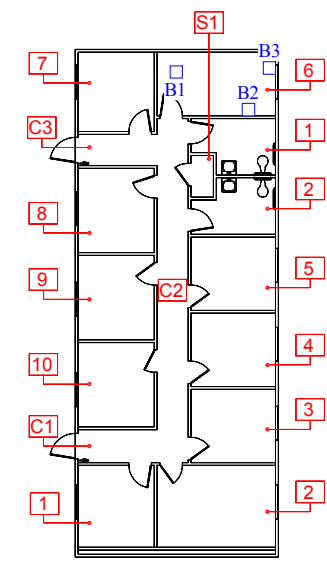
BULK SAMPLE LOCATIONS
BUILDING 2 (CTE BUILDING)
MISCELLANEOUS AREAS



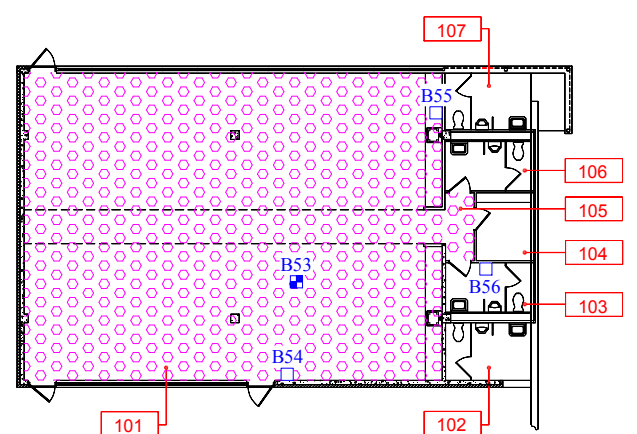
BUILDING 2A
(CTE MOD TRAILER N.E.)



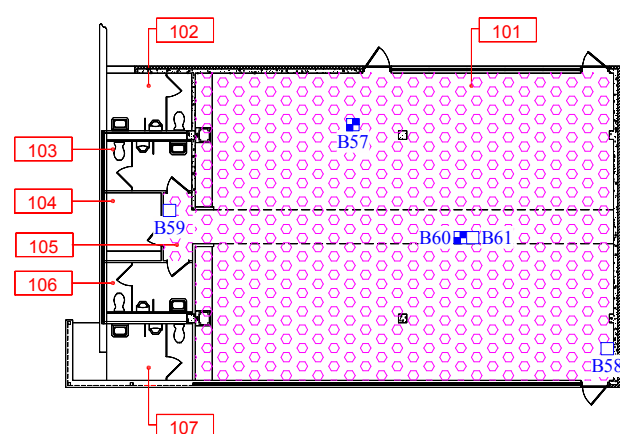
BUILDING 2B
(CTE MOD TRAILER S.E.)



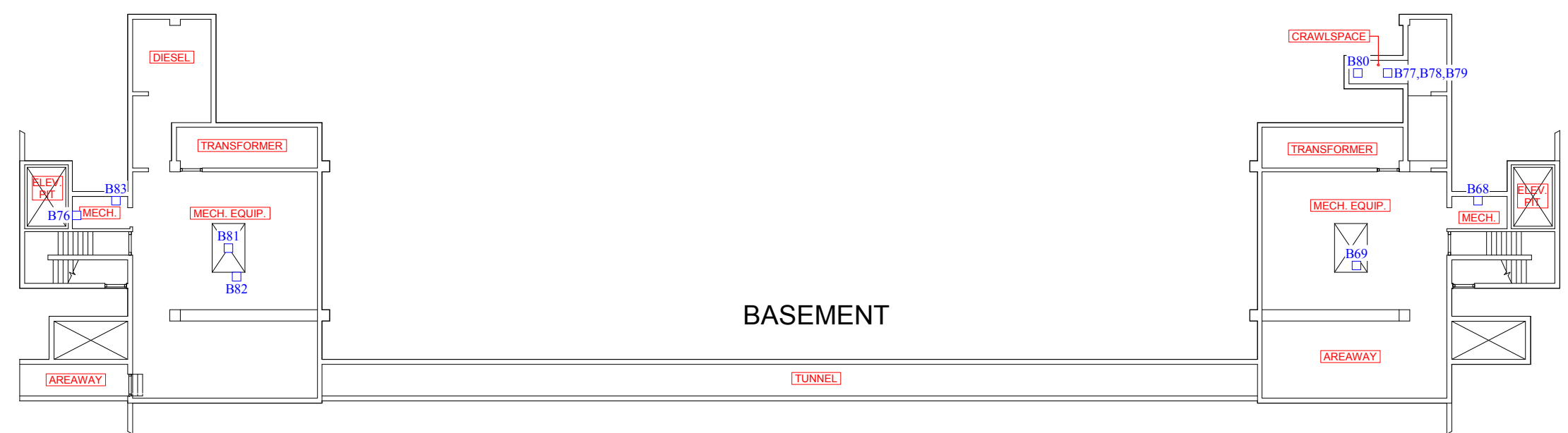
BUILDING 2C
(CTE PSM)



O.T. NORTH



O.T. SOUTH

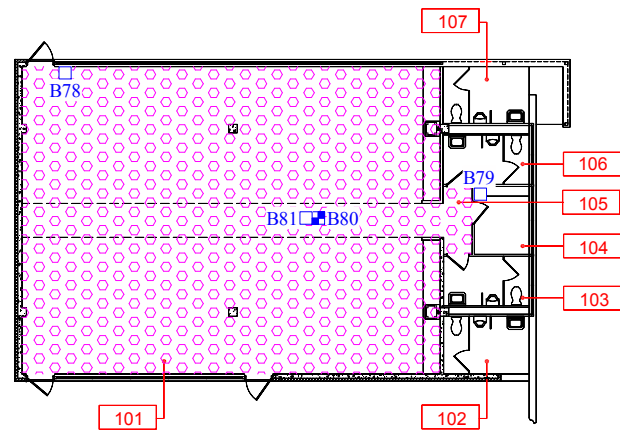


BASEMENT

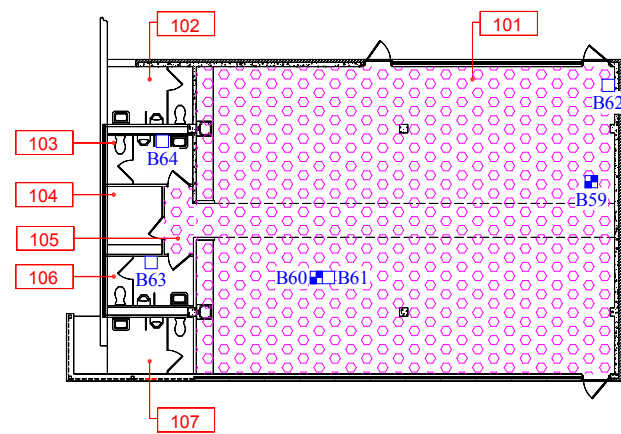


LEGEND

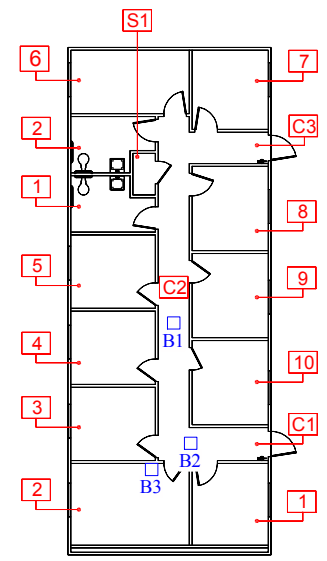
- Bulk Sample Location (Negative or <0.1% Asbestos)
- Bulk Sample Location (Positive, >0.1% and <1% Asbestos)
- Bulk Sample Location (Positive, >1% Asbestos)
- ★ xxx Miscellaneous Material Containing >1% Asbestos
- Brown Ceiling Tile Mastic (<1% Asbestos)



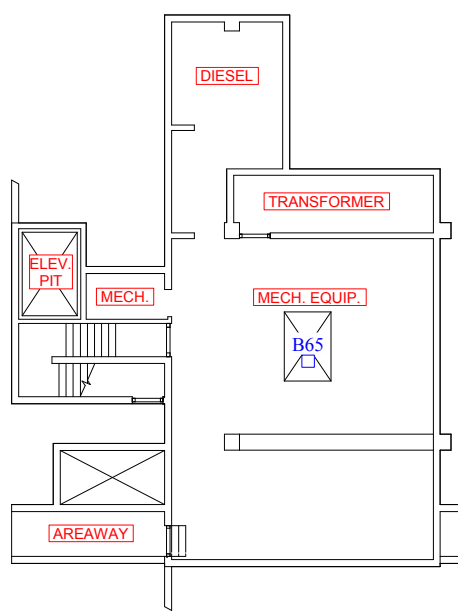
O.T. NORTH



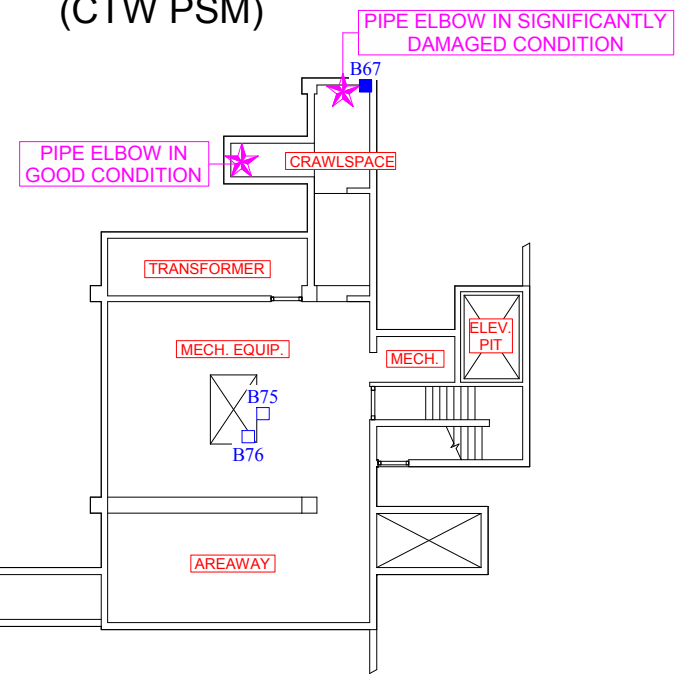
O.T. SOUTH



BUILDING 3A
(CTW PSM)



BASEMENT



GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.

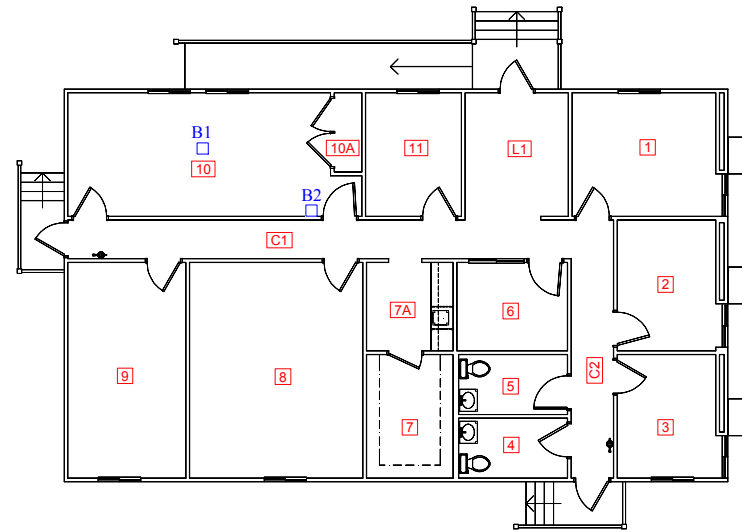


BULK SAMPLE LOCATIONS
BUILDING 3 (CTW BUILDING)
MISCELLANEOUS AREAS

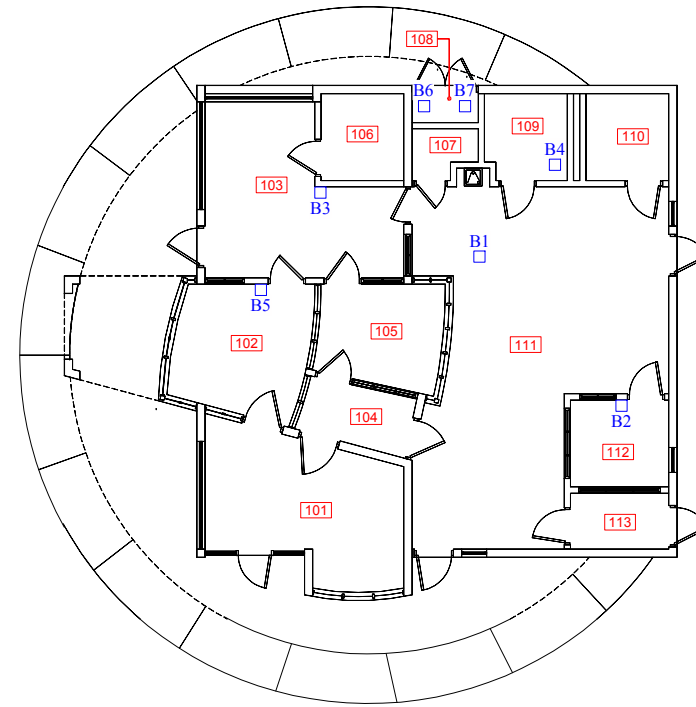


LEGEND

- Bulk Sample Location (Negative or <0.1% Asbestos)



BUILDING 4A - SNF MODULAR TRAILER



VISITOR CENTER

GENERAL NOTES

1. All locations are approximate. No scale or dimension is implied.
2. Base map obtained from J.C. Chang and Associates.
3. Room numbers or area designations are arbitrarily assigned for discussion purposes only.
4. Sample numbers are shortened for graphic presentation purposes (e.g., sample number [BLDG NO.]-B-001 is shortened to B1).
5. Other asbestos-containing materials may be present in inaccessible areas of the building.



BULK SAMPLE LOCATIONS
BUILDING 4A AND VISITOR CENTER

APPENDIX

Building Inspector's Certification

Laboratory Accreditation

Laboratory Analytical Reports and Chain-of-Custody Records

Likelihood Statements

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

Steven L Modtland

Name



Certification No. 08-4373

Expires on 05/15/15

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.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Forensic Analytical Laboratories, Inc
2959 Pacific Commerce Drive
Rancho Dominguez, CA 90221
Steven Takahashi
Phone: 310-763-2374 Fax: 310-763-8684
E-Mail: daves@falaboratories.com
URL: <http://www.falaboratories.com>

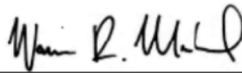
BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101459-1

<i>NVLAP Code</i>	<i>Designation / Description</i>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

2014-07-01 through 2015-06-30

Effective dates



For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101459-1

Forensic Analytical Laboratories, Inc
Rancho Dominguez, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2014-07-01 through 2015-06-30

Effective dates



A handwritten signature in black ink, appearing to read "M. R. M. L.", is written over a horizontal line.

For the National Institute of Standards and Technology

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Forensic Analytical Laboratories, Inc.
3777 Depot Road, Suite 409
Hayward, CA 94545-2761
Mr. David Sandusky
Phone: 510-887-8828 Fax: 510-887-4218
E-Mail: daves@falaboratories.com
URL: <http://www.falaboratories.com>

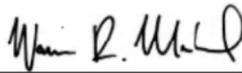
BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101459-0

<i>NVLAP Code</i>	<i>Designation / Description</i>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

2014-07-01 through 2015-06-30

Effective dates



For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101459-0

Forensic Analytical Laboratories, Inc.
Hayward, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2014-07-01 through 2015-06-30

Effective dates



A handwritten signature in black ink, appearing to read "Michael R. Mello".

For the National Institute of Standards and Technology



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B192783
Date Received: 06/25/14
Date Analyzed: 06/26/14
Date Printed: 06/27/14
First Reported: 06/27/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 06/24/2014

Total Samples Submitted: 19

Total Samples Analyzed: 19

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-1	50872905						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-2	50872906						
Layer: Tan Mastic			ND				
Layer: Light Grey Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
CTE-B-3	50872907						
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-4	50872908						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-5	50872909						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-6	50872910						
Layer: Beige Fibrous Material			ND				
Layer: Tan Mastic			ND				
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (5 %)							

Client Name: Panacea Inc.

Report Number: B192783

Date Printed: 06/27/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-7	50872911						
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-8	50872912						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-9	50872913						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-10	50872914						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-11	50872915						
Layer: Beige Fibrous Material			ND				
Layer: Tan Mastic			ND				
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (5 %)							
CTE-B-12	50872916						
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-13	50872917						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-14	50872918						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192783

Date Printed: 06/27/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-15	50872919						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTE-B-16	50872920						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-17	50872921						
Layer: Beige Fibrous Material			ND				
Layer: Tan Mastic			ND				
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (5 %)							
CTE-B-18	50872922						
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-19	50872923						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



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'.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 6/25/14 PM: Hsin Chou Page: 1 of 1
 Project Name: metropolitan Hospital Sampled By: Steven Medtland
 Project No.: C14-815A Shipped To: Fern. Ang. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
CTE-B-1	6/24/14	None	Plastic Bag	Bulk	✓	
2						CTM
3						
4						
5						
6						CTM
7						
8						
9						
10						
11						CTM
12						
13						
14						
15						
16						
17						CTM
18						
19						

TOTAL NUMBER OF SAMPLES 19 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/24/14 Time: 10:07 PM
 Received By: [Signature] Company: Panacea Inc Date: 6/24/14 Time: 10:07 pm
 Relinquished By: [Signature] Company: Panacea Inc Date: 6/25/14 Time: 10:11 am
 Received By: [Signature] Company: FAU D/O Date: 6/25/14 Time: 10:15 am
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B192822
Date Received: 06/26/14
Date Analyzed: 06/30/14
Date Printed: 06/30/14
First Reported: 06/30/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 06/25/2014

Total Samples Submitted: 33

Total Samples Analyzed: 33

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-20	50873186						
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-21	50873187						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-22	50873188						
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %) Fibrous Glass (30 %)							
CTE-B-23	50873189						
Layer: Beige Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-24	50873190						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-25	50873191						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192822

Date Printed: 06/30/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-26	50873192						
Layer: Beige Plaster			ND				
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)	Fibrous Glass (15 %)						
CTE-B-27	50873193						
Layer: Beige Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-28	50873194						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-29	50873195						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-30	50873196						
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Fibrous Glass (30 %)						
CTE-B-31	50873197						
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-32	50873198						
Layer: Beige Plaster			ND				
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-33	50873199						
Layer: Beige Plaster			ND				
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Report Number: B192822

Date Printed: 06/30/14

Client Name: Panacea Inc.

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-34	50873200						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-35	50873201						
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %) Fibrous Glass (15 %)							
CTE-B-36	50873202						
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-37	50873203						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-38	50873204						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-39	50873205						
Layer: White Drywall			ND				
Layer: Drywall Tape			ND				
Layer: Off-White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (Trace)							
CTE-B-40	50873206						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (Trace)							
CTE-B-41	50873207						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192822

Date Printed: 06/30/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-42	50873208						
Layer: Beige Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Fibrous Glass (30 %)						
CTE-B-43	50873209						
Layer: Beige Plaster			ND				
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (10 %)						
CTE-B-44	50873210						
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-45	50873211						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-46	50873212						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-47	50873213						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-48	50873214						
Layer: Beige Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Fibrous Glass (30 %)						

Client Name: Panacea Inc.

Report Number: B192822

Date Printed: 06/30/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-49	50873215						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
CTE-B-50	50873216						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
CTE-B-51	50873217						
Layer: Off-White Plaster		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTE-B-52	50873218						
Layer: Beige Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (20 %)						



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'.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 6/26/14 PM: HsinChow Page: 1 of 2
 Project Name: metropolitan Hospital Sampled By: Steven Modland
 Project No.: C14-815A Shipped To: Forn. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
CTE-B-20	6/25/14	None	Plastic Bag	Bulk	✓	
21						
22						CTM
23						
24						
25						
26						CTM
27						
28						
29						
30						CTM
31						
32						
33						
34						
35						CTM
36						
37						
38						
39						DWJ

TOTAL NUMBER OF SAMPLES 20 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 6/25/14 Time: 10:05 PM
 Received By: [Signature] Company: Panacea, Inc. Date: 6/25/14 Time: 10:05 pm
 Relinquished By: [Signature] Company: Panacea Inc. Date: 6/26/14 Time: 10:17 am
 Received By: [Signature] Company: PAU D/O Date: 6/26/14 Time: 10:20 am
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 6/26/14 PM: Hsin Chou Page: 2 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-815A Shipped To: Forn. Ans. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
CTE-B-40	6/25/14	None	Plastic Bag	Bulk	✓	DWJ
41						
42						CTM
43						CTM
44						
45						
46						
47						
48						CTM
49						DWJ
50						DWJ
51						
52						CTM

TOTAL NUMBER OF SAMPLES 13 2-Day Turnaround

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraina at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/25/14 Time: 10:05 pm
 Received By: [Signature] Company: Panacea Inc. Date: 6/25/14 Time: 10:05 pm
 Relinquished By: [Signature] Company: Panacea Inc. Date: 6/26/14 Time: 10:17 am
 Received By: _____ Company: _____ Date: _____ Time: _____
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193810
Date Received: 07/22/14
Date Analyzed: 07/23/14
Date Printed: 07/25/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/14/2014

Total Samples Submitted: 31

Total Samples Analyzed: 31

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

CTE-B-53	50877367						
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				

Total Composite Values of Fibrous Components: **Asbestos (Trace)**
Cellulose (75 %)

CTE-B-54	50877368						
Layer: Off-White Plaster		Chrysotile	Trace				
Layer: Paints			ND				

Total Composite Values of Fibrous Components: **Asbestos (Trace)**
Cellulose (Trace)

CTE-B-55	50877369						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				

Total Composite Values of Fibrous Components: **Asbestos (Trace)**
Cellulose (Trace)

CTE-B-56	50877370						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				

Total Composite Values of Fibrous Components: **Asbestos (ND)**
Cellulose (Trace)

CTE-B-57	50877371						
Layer: Beige Mastic			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				

Total Composite Values of Fibrous Components: **Asbestos (Trace)**
Cellulose (35 %) Fibrous Glass (20 %)

CTE-B-58	50877372						
Layer: Off-White Plaster		Chrysotile	Trace				
Layer: Paints			ND				

Total Composite Values of Fibrous Components: **Asbestos (Trace)**
Cellulose (Trace)

Client Name: Panacea Inc.

Report Number: B193810

Date Printed: 07/25/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-59	50877373						
Layer: Grey Plaster		Chrysotile	Trace				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTE-B-60	50877374						
Layer: Tan Fibrous Backing			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (40 %)							
CTE-B-61	50877375						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %)							
CTE-B-62	50877376						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-63	50877377						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %)							
CTE-B-64	50877378						
Layer: Beige Non-Fibrous Material			ND				
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-65	50877379						
Layer: Light Grey Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-66	50877380						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %)							
CTE-B-67	50877381						
Layer: Light Grey Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (15 %)							

Client Name: Panacea Inc.

Report Number: B193810

Date Printed: 07/25/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-68	50877382						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-69	50877383						
Layer: Yellow Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-70	50877384						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %)							
CTE-B-71	50877385						
Layer: Beige Plaster			ND				
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-72	50877386						
Layer: Grey Plaster		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTE-B-73	50877387						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (Trace)							
CTE-B-74	50877388						
Layer: Beige Non-Fibrous Material		Actinolite	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTE-B-75	50877389						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (Trace)							
CTE-B-76	50877390						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193810

Date Printed: 07/25/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTE-B-77	50877391						
Layer: Beige Woven Material			ND				
Layer: Beige Semi-Fibrous Material			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (55 %)						
CTE-B-78	50877392						
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-79	50877393						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-80	50877394						
Layer: Beige Woven Material			ND				
Layer: Beige Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (15 %)						
CTE-B-81	50877395						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-82	50877396						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTE-B-83	50877397						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



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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PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Chou Page: 1 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven McHard
 Project No.: CU-915A Shipped To: Furn. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
CTE-B-53	7/14/14	None	Plastic Bag	Bulk	✓	CTM
54						
55						
56						
57						CTM
58						
59						
60						CTM
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						

TOTAL NUMBER OF SAMPLES 20

2-Day Turnaround

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 AM
 Received By: [Signature] Company: Panacea Inc Date: 7/22/14 Time: 11:00am
 Relinquished By: [Signature] Company: Panacea Inc Date: 7/22/14 Time: 2:50pm
 Received By: [Signature] Company: FAU D/O Date: 7/22/14 Time: 2:50pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Chou Page: 2 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: Cl4-815A Shipped To: Fair An. by: Shipped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Metural
CTE-B-73	7/15/14	None	Plastic Bag	Boil	✓	
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						

TOTAL NUMBER OF SAMPLES 11 ^{3 in} ~~12~~ 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 7/22/14 Time: 11:00 Am
 Received By: [Signature] Company: Panacea Inc Date: 7/22/14 Time: 11:00am
 Relinquished By: [Signature] Company: Panacea Inc Date: 7/22/14 Time: 2:50pm
 Received By: [Signature] Company: FAU D/O Date: 7/22/14 Time: 2:50pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193798
Date Received: 07/22/14
Date Analyzed: 07/23/14
Date Printed: 07/24/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/14/2014

Total Samples Submitted: 4

Total Samples Analyzed: 4

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
2A-B-1	50877323						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
2A-B-2	50877324						
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
2A-B-3	50877325						
Layer: White Drywall			ND				
Layer: Wallcovering			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
2A-B-4	50877326						
Layer: White Drywall			ND				
Layer: Paint			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							

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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Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Choo Page: 1 of (
Project Name: Metropolitan Hospital Sampled By: Steven Modtland
Project No.: C14-815A Shipped To: Form. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	
2A-B-1	7/14/14	None	Plastic Bag	Bulk	✓	
↓ 2	↓	↓	↓	↓	↓	
↓ 3	↓	↓	↓	↓	↓	
↓ 4	↓	↓	↓	↓	↓	

TOTAL NUMBER OF SAMPLES 4 2-Day Turnaround

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: Hsin Choo Company: Panacea, Inc Date: 7/22/14 Time: 11:00 Am
Received By: J. Valeri Company: Panacea Inc Date: 7/22/14 Time: 11:01am
Relinquished By: J. Valeri Company: Panacea Inc Date: 7/22/14 Time: 2:50pm
Received By: J. Carrillo Company: FAC D/O Date: 7/22/14 Time: 2:50pm
Relinquished By: _____ Company: _____ Date: _____ Time: _____
Received By: _____ Company: _____ Date: _____ Time: _____

Revision: 07-09-28



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193800
Date Received: 07/22/14
Date Analyzed: 07/23/14
Date Printed: 07/24/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/14/2014

Total Samples Submitted: 3

Total Samples Analyzed: 3

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
2B-B-1	50877327						
Layer: White Drywall			ND				
Layer: Wallcovering			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (3 %)						
2B-B-2	50877328						
Layer: Beige Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
2B-B-3	50877329						
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 (3 %)						

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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CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Chou Page: 1 of 1
 Project Name: Metropolitan Hospital Sampled By: Steven Mattond
 Project No.: C14-815A Shipped To: Favn. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE / TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Metal
2B-B-1	7/14/14	None	Plastic Bag	Bulk	✓	
↓ 2	↓	↓	↓	↓	↓	
↓ 3	↓	↓	↓	↓	↓	DWJ

TOTAL NUMBER OF SAMPLES 3 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 AM
 Received By: [Signature] Company: Panacea Inc Date: 7/22/14 Time: 11:00 AM
 Relinquished By: [Signature] Company: Panacea Inc Date: 7/22/14 Time: 2:50 pm
 Received By: [Signature] Company: FAC D/O Date: 7/22/14 Time: 2:50 pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193801
Date Received: 07/22/14
Date Analyzed: 07/23/14
Date Printed: 07/24/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/14/2014

Total Samples Submitted: 3

Total Samples Analyzed: 3

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
2C-B-1	50877330						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
2C-B-2	50877331						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
2C-B-3	50877332						
Layer: White Drywall			ND				
Layer: Wallcovering			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (3 %)						

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'.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



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CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Chao Page: 1 of 1
 Project Name: Metropolitan Hospital Sampled By: Steven Modtlad
 Project No.: C14-BISA Shipped To: Form. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	
ZC-B-1	7/14/14	None	Plastic Bags	Bulk	✓	
↓ 2	↓	↓	↓	↓	↓	
↓ 3	↓	↓	↓	↓	↓	

TOTAL NUMBER OF SAMPLES 3 2-Day Turnaround

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 AM
 Received By: J. Valeri Company: Panacea Inc Date: 7/22/14 Time: 11:00 am
 Relinquished By: J. Valeri Company: Panacea Inc Date: 7/22/14 Time: 2:50 pm
 Received By: J. Carrillo Company: PAU D/O Date: 7/22/14 Time: 2:50 pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B192681
Date Received: 06/24/14
Date Analyzed: 06/26/14
Date Printed: 06/26/14
First Reported: 06/26/14

Job ID/Site: C14-815A; Metro Hospital

FALI Job ID: 5572

Date(s) Collected: 06/23/2014

Total Samples Submitted: 37

Total Samples Analyzed: 37

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-1	50872594						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-2	50872595						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
CTW-B-3	50872596						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-4	50872597						
Layer: White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-5	50872598						
Layer: White Plasters			ND				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-6	50872599						
Layer: White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192681

Date Printed: 06/26/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-7	50872600						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)	Fibrous Glass (10 %)						
CTW-B-8	50872601						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-9	50872602						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-10	50872603						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-11	50872604						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)	Fibrous Glass (10 %)						
CTW-B-12	50872605						
Layer: Off-White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (5 %)						
CTW-B-13	50872606						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-14	50872607						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192681

Date Printed: 06/26/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-15	50872608						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-16	50872609						
Layer: White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-17	50872610						
Layer: White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-18	50872611						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-19	50872612						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Fibrous Glass (35 %)							
CTW-B-20	50872613						
Layer: Off-White Plasters			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-21	50872614						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-22	50872615						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192681

Date Printed: 06/26/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-23	50872616						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-24	50872617						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-25	50872618						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Fibrous Glass (35 %)							
CTW-B-26	50872619						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-27	50872620						
Layer: Light Brown Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
CTW-B-28	50872621						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-29	50872622						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192681

Date Printed: 06/26/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-30	50872623						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-31	50872624						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Fibrous Glass (35 %)							
CTW-B-32	50872625						
Layer: Off-White Plasters			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-33	50872626						
Layer: White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-34	50872627						
Layer: Light Brown Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
CTW-B-35	50872628						
Layer: Brown Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (75 %)							
CTW-B-36	50872629						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-37	50872630						
Layer: Brown Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (75 %)							

Client Name: Panacea Inc.

Report Number: B192681

Date Printed: 06/26/14

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

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 6/24/14 PM: Hsixin Chow Page: 1 of 2
 Project Name: Metro Hospital Sampled By: Steven Modtland
 Project No.: C14-BISA Shipped To: Forn. Ana. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
CTW-B-1	6/23/14	NORP	Plastic Bag	Bulk	✓	
2						CTM
3						
4						
5						
6						
7						CTM
8						
9						
10						
11						CTM
12						DWJ
13						
14						
15						
16						
17						
18						
19						CTM
20						

TOTAL NUMBER OF SAMPLES 20 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s), Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/23/14 Time: 9:40 pm
 Received By: [Signature] Company: Panacea Inc. Date: 6/23/14 Time: 9:40 pm
 Relinquished By: [Signature] Company: Panacea Inc. Date: 6/24/14 Time: 9:45 am
 Received By: [Signature] Company: FAU D/S Date: 6/24/14 Time: 9:52 am
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



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Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 6/24/14 PM: Hsin Choo Page: 2 of 2
 Project Name: Metro Hospital Sampled By: Steven Modland
 Project No.: C14-815A Shipped To: Fern Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
CTW-B-21	6/23/14	None	Plastic Bag	Bulk	✓	
22						
23						
24						
25						CTM
26						
27						DWJ
28						
29						
30						
31						CTM
32						
33						
34						DWJ
35						
36						
37						

TOTAL NUMBER OF SAMPLES 17 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 6/23/14 Time: 9:40 pm
 Received By: [Signature] Company: Panacea Inc Date: 6/23/14 Time: 9:40 pm
 Relinquished By: [Signature] Company: Panacea Inc. Date: 6/24/14 Time: 9:45 am
 Received By: [Signature] Company: FAU D/O Date: 6/24/14 Time: 9:52 am
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B192791
Date Received: 06/25/14
Date Analyzed: 06/26/14
Date Printed: 06/27/14
First Reported: 06/27/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 06/24/2014

Total Samples Submitted: 21

Total Samples Analyzed: 21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-38	50872948						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-39	50872949						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (25 %)							
CTW-B-40	50872950						
Layer: Tan Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-41	50872951						
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 (Trace)							
CTW-B-42	50872952						
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 (Trace)							
CTW-B-43	50872953						
Layer: Tan Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (7 %)							

Client Name: Panacea Inc.

Report Number: B192791

Date Printed: 06/27/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-44	50872954						
Layer: Tan Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (15 %)						
CTW-B-45	50872955						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-46	50872956						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-47	50872957						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)	Fibrous Glass (20 %)						
CTW-B-48	50872958						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (25 %)						
CTW-B-49	50872959						
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-50	50872960						
Layer: Tan Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (7 %)						
CTW-B-51	50872961						
Layer: White Drywall			ND				
Layer: Drywall Tape			ND				
Layer: White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						

Client Name: Panacea Inc.

Report Number: B192791

Date Printed: 06/27/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-52	50872962						
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 (2 %)						
CTW-B-53	50872963						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-54	50872964						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-55	50872965						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)	Fibrous Glass (20 %)						
CTW-B-56	50872966						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-57	50872967						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (25 %)						
CTW-B-58	50872968						
Layer: Beige Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192791

Date Printed: 06/27/14

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

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CHAIN OF CUSTODY RECORD

Date: 6/25/14 ^{3m} PM: Eric Hsin Chou Page: 1 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven Medtland
 Project No.: C14-815A Shipped To: Forn. Ana. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
CTW-B-38	6/24/14	None	Plastic Bag	Bulk	✓	
39						CTM
40						
41						DWJ
42						DWJ
43						CTM
44						CTM
45						
46						
47						
48						CTM
49						
50						CTM
51						DWJ
52						DWJ
53						
54						
55						
56						
57						CTM

TOTAL NUMBER OF SAMPLES 20 2-Day Turnaround

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/24/14 Time: 9:43 pm
 Received By: [Signature] Company: Panacea, Inc. Date: 6/24/14 Time: 9:43 pm
 Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/25/14 Time: 10:13 am
 Received By: [Signature] Company: FAU D/O Date: 6/25/14 Time: 10:15 am
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 6/25/14 PM: Hsin Chou Page: 2 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-B15A Shipped To: Forn. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	
<u>CTW-B-5B</u>	<u>6/24/14</u>	<u>None</u>	<u>Plastic Bag</u>	<u>Bulk</u>	<input checked="" type="checkbox"/>	

TOTAL NUMBER OF SAMPLES 1 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s), Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/24/14 Time: 9:43 PM
 Received By: [Signature] Company: Panacea, Inc. Date: 6/24/14 Time: 9:43 pm
 Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/25/14 Time: 10:13am
 Received By: [Signature] Company: PAU D/O Date: 6/25/14 Time: 10:15a
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193811
Date Received: 07/22/14
Date Analyzed: 07/24/14
Date Printed: 07/24/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/08/2014, 07/09/2014, 07/10/2014

Total Samples Submitted: 24

Total Samples Analyzed: 24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-59	50877398						
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
CTW-B-60	50877399						
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (65 %)							
CTW-B-61	50877400						
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %) Fibrous Glass (40 %)							
CTW-B-62	50877401						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-63	50877402						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-64	50877403						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193811

Date Printed: 07/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-65	50877404						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-66	50877405						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %)							
CTW-B-67	50877406						
Layer: Beige Semi-Fibrous Material		Chrysotile	2 %	Amosite	5 %	Crocidolite	3 %
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (5 %) Fibrous Glass (15 %)							
CTW-B-68	50877407						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-69	50877408						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-70	50877409						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-71	50877410						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-72	50877411						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-73	50877412						
Layer: Tan Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %) Fibrous Glass (5 %)							
CTW-B-74	50877413						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %)							

Client Name: Panacea Inc.

Report Number: B193811

Date Printed: 07/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CTW-B-75	50877414						
Layer: Beige Non-Fibrous Material			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-76	50877415						
Layer: Beige Non-Fibrous Material			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CTW-B-77	50877416						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %)							
CTW-B-78	50877417						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-79	50877418						
Layer: Off-White Plasters		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
CTW-B-80	50877419						
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (65 %)							
CTW-B-81	50877420						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %)							
CTW-B-82	50877421						
Layer: Grey Semi-Fibrous Material			ND				
Layer: Off-White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (15 %)							

Client Name: Panacea Inc.

Report Number: B193811

Date Printed: 07/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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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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PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Choo
 Project Name: Metropolitan Hospital
 Project No.: CTW-BISA

Page: 1 of 2
 Sampled By: Steven Modtland
 Shipped To: Form. Ana. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Mastical
CTW-B-59	7/9/14	None	Plastic Bag	Bulk	✓	CTM
60	↓	↓	↓	↓	↓	CTM
61	↓	↓	↓	↓	↓	CTM
62	↓	↓	↓	↓	↓	
63	↓	↓	↓	↓	↓	
64	↓	↓	↓	↓	↓	
65	7/8/14	↓	↓	↓	↓	
66	↓	↓	↓	↓	↓	
67	↓	↓	↓	↓	↓	
68	↓	↓	↓	↓	↓	
69	↓	↓	↓	↓	↓	
70	↓	↓	↓	↓	↓	
71	↓	↓	↓	↓	↓	
72	↓	↓	↓	↓	↓	
73	↓	↓	↓	↓	↓	
74	↓	↓	↓	↓	↓	
75	↓	↓	↓	↓	↓	
76	↓	↓	↓	↓	↓	
77	↓	↓	↓	↓	↓	
78	7/10/14	↓	↓	↓	↓	

TOTAL NUMBER OF SAMPLES 20 2-Dry Turnaround

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 AM
 Received By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 am
 Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 2:50pm
 Received By: [Signature] Company: FAU D/O Date: 7/22/14 Time: 2:50pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



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Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Chow Page: 2 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-815A Shipped To: Forn. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
CTW-B-79	7/10/14	None	Plastic Bag	Bulk	✓	
↓ 80	↓	↓	↓	↓	↓	CTM
↓ 81	↓	↓	↓	↓	↓	
↓ 82	↓	↓	↓	↓	↓	

TOTAL NUMBER OF SAMPLES 4 2-day turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 AM
 Received By: J. Valeri Company: Panacea Inc Date: 7/22/14 Time: 11:00 am
 Relinquished By: J. Valeri Company: Panacea Inc Date: 7/22/14 Time: 2:50pm
 Received By: J. Carillo Company: FACU D/O Date: 7/22/14 Time: 2:50pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193802
Date Received: 07/22/14
Date Analyzed: 07/23/14
Date Printed: 07/24/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/09/2014

Total Samples Submitted: 3

Total Samples Analyzed: 3

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
3A-B-1	50877333						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
3A-B-2	50877334						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
3A-B-3	50877335						
Layer: Off-White Wall Covering			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)							

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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PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Chou Page: 1 of 1
 Project Name: Metropolitan Hospital Sampled By: Dr. Steven Mattland
 Project No.: C14-815A Shipped To: Foris Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	
3A-B-1 -	7/9/14	None	Plastic Bag	Bulk	✓	
↓ 2	↓	↓	↓	↓	↓	
↓ 3	↓	↓	↓	↓	↓	

TOTAL NUMBER OF SAMPLES 3 2-Day Turnaround

COMMENTS: Return signed chain-of-custody forms with final report(s), Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 7/22/14 Time: 11:00 Am
 Received By: J. Valeri Company: Panacea Inc. Date: 7/22/14 Time: 11:00 am
 Relinquished By: J. Valeri Company: Panacea Inc. Date: 7/22/14 Time: 2:50pm
 Received By: J. Carrillo Company: FACI D/O Date: 7/22/14 Time: 2:50pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B192581
Date Received: 06/20/14
Date Analyzed: 06/23/14
Date Printed: 06/24/14
First Reported: 06/24/14

Job ID/Site: C14-815A; Metro State Hospital

FALI Job ID: 5572

Date(s) Collected: 06/19/2014

Total Samples Submitted: 40

Total Samples Analyzed: 40

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-1	50871897						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-2	50871898						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-3	50871899						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-4	50871900						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-5	50871901						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-6	50871902						
Layer: Grey Cementitious Material			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192581

Date Printed: 06/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-7	50871903						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-8	50871904						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-9	50871905						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-10	50871906						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-11	50871907						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-12	50871908						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-13	50871909						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192581

Date Printed: 06/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-14	50871910						
Layer: Grey Plaster		Chrysotile	Trace				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
Comment: This comment applies to the Grey Plaster only: Insufficient material for additional analyses.							
SNF-B-15	50871911						
Layer: Grey Plaster		Chrysotile	Trace				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-16	50871912						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-17	50871913						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-18	50871914						
Layer: Light Grey Plaster			ND				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-19	50871915						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192581

Date Printed: 06/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-20	50871916						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-21	50871917						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-22	50871918						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-23	50871919						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
SNF-B-28	50871920						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-29	50871921						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-30	50871922						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-31	50871923						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192581

Date Printed: 06/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-33	50871924						
Layer: Tan Fibrous Material			ND				
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Fibrous Glass (2 %)						
SNF-B-34	50871925						
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Fibrous Glass (2 %)						
SNF-B-35	50871926						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
SNF-B-36	50871927						
Layer: Off-White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-37	50871928						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)	Fibrous Glass (15 %)						
SNF-B-38	50871929						
Layer: Tan Fibrous Material			ND				
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Fibrous Glass (2 %)						
SNF-B-39	50871930						
Layer: Off-White Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)	Fibrous Glass (15 %)						

Client Name: Panacea Inc.

Report Number: B192581

Date Printed: 06/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-42	50871931						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-43	50871932						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-47	50871933						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-48	50871934						
Layer: Beige Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-49	50871935						
Layer: Light Beige Plaster			ND				
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-50	50871936						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						



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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PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 6/20/14 PM: Steven Modtland Page: 1 of 2
 Project Name: Metro State Hospital Sampled By: Steven Modtland
 Project No.: C14-815A Shipped To: Forensic by: Dropped OFF

SAMPLE NUMBER	SAMPLING DATE / TIME	PRESERVATION METHOD	CONTAINER TYPE / SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	
SNEB-1	6/19/14	None	Plastic Bag	Bulk	2day TAT	
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

TOTAL NUMBER OF SAMPLES 20 2 day TAT

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/20/14 Time: 3:30 pm
 Received By: [Signature] Company: Panacea, Inc. Date: 6/20/14 Time: 3:30 pm
 Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/20/14 Time: 3:51 pm
 Received By: [Signature] Company: PAU P/A Date: 6/20/14 Time: 3:55 pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 6/20/14 PM: Steven Modtland Page: 2 of 2
 Project Name: Metro State Hospital Sampled By: Steven Modtland
 Project No.: C14-815A Shipped To: Forensic by: Dropped OFF

SAMPLE NUMBER	SAMPLING DATE / TIME	PRESERVATION METHOD	CONTAINER TYPE / SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
SNF-B-21	6/19/14	None	Plastic Bag	Bulk	2 day TAT	Material lv
22						
23						
28						
29						
30						
31						
33						CTM
34						CTM
35						
36						
37						CTM
38						CTM
39						CTM
42						
43						
47						
48						
49						
50						ML DWJ

TOTAL NUMBER OF SAMPLES 20 2 day TAT a

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/20/14 Time: 3:30 PM
 Received By: [Signature] Company: Panacea, Inc. Date: 6/20/14 Time: 3:30 pm
 Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/20/14 Time: 3:51 pm
 Received By: [Signature] Company: FAU D/O Date: 6/20/14 Time: 3:55 pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B192680
Date Received: 06/24/14
Date Analyzed: 06/26/14
Date Printed: 06/26/14
First Reported: 06/26/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 06/23/2014

Total Samples Submitted: 17

Total Samples Analyzed: 17

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-24	50872577						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-25	50872578						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-26	50872579						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-27	50872580						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-32	50872581						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-40	50872582						
Layer: Dark Brown Mastic			ND				
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							

Client Name: Panacea Inc.

Report Number: B192680

Date Printed: 06/26/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-41	50872583						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
SNF-B-44	50872584						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-45	50872585						
Layer: Off-White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-46	50872586						
Layer: Off-White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-51	50872587						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-52	50872588						
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
SNF-B-53	50872589						
Layer: White Drywall			ND				
Layer: Off-White Tape			ND				
Layer: Off-White Skimcoat/Joint Compounds			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (2 %)							
SNF-B-54	50872590						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (2 %)							

Client Name: Panacea Inc.

Report Number: B192680

Date Printed: 06/26/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-55	50872591						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (2 %)						
SNF-B-56	50872592						
Layer: Brown Mastic			ND				
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (90 %)						
SNF-B-57	50872593						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (25 %)						



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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PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 6/24/14 PM: Hsin Chou Page: 1 of 1
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-815A Shipped To: Forn. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
SNF-B-24	6/23/14	None	Plastic Bag	Bulk	✓	
25						
26						
27						
32						
40						CTM
41						CTM
44						
45						
46						
51						
52						CTM
53						DWJ
54						DWJ
55						DWJ
56						CTM
57						CTM

TOTAL NUMBER OF SAMPLES 17

2 - Day turnaround

COMMENTS:

Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/23/14 Time: 10:26 pm
 Received By: [Signature] Company: Panacea Inc. Date: 6/23/14 Time: 10:26 pm
 Relinquished By: [Signature] Company: Panacea Inc. Date: 6/24/14 Time: 9:46 am
 Received By: [Signature] Company: PAU D/O Date: 6/24/14 Time: 9:52 am
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193807
Date Received: 07/22/14
Date Analyzed: 07/24/14
Date Printed: 07/24/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/08/2014, 07/18/2014

Total Samples Submitted: 9

Total Samples Analyzed: 9

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-58	50877358						
Layer: Brown Drywall Tape			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %)	Fibrous Glass (Trace)						
SNF-B-59	50877359						
Layer: Light Brown Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							
SNF-B-60	50877360						
Layer: Brown Drywall Tape			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %)	Fibrous Glass (Trace)						
SNF-B-61	50877361						
Layer: Light Brown Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							
SNF-B-62	50877362						
Layer: Brown Drywall Tape			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %)	Fibrous Glass (Trace)						
SNF-B-63	50877363						
Layer: Light Brown Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							
SNF-B-64	50877364						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193807

Date Printed: 07/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SNF-B-65	50877365						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
SNF-B-66	50877366						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



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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PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Choo Page: 1 of 1
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-215A Shipped To: Fern. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	
SNF-B-58	7/8/14	None	Plastic Bag	Bulk	✓	
59	↓	↓	↓	↓	↓	
60	↓	↓	↓	↓	↓	
61	↓	↓	↓	↓	↓	
62	↓	↓	↓	↓	↓	
63	↓	↓	↓	↓	↓	
64	7/20/14	↓	↓	↓	↓	
65	↓	↓	↓	↓	↓	
66	↓	↓	↓	↓	↓	

TOTAL NUMBER OF SAMPLES 9 2-Day Turnaround

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraina at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 AM
 Received By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 am
 Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 2:50 pm
 Received By: [Signature] Company: FAU D/O Date: 7/22/14 Time: 2:50 pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193803
Date Received: 07/22/14
Date Analyzed: 07/23/14
Date Printed: 07/24/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/09/2014

Total Samples Submitted: 2

Total Samples Analyzed: 2

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
4A-B-1	50877336						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
4A-B-2	50877337						
Layer: Off-White Wall Covering			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)							

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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Bulk Asbestos Analysis

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

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193012
Date Received: 07/01/14
Date Analyzed: 07/03/14
Date Printed: 07/03/14
First Reported: 07/03/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/01/2014

Total Samples Submitted: 27

Total Samples Analyzed: 27

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-1	50874158						
Layer: Fibrous Backing			ND				
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (15 %)						
100-B-2	50874159						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (2 %)						
100-B-3	50874160						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-4	50874161						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-5	50874162						
Layer: Fibrous Backing			ND				
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)	Fibrous Glass (15 %)						

Client Name: Panacea Inc.

Report Number: B193012

Date Printed: 07/03/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-6	50874163						
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-7	50874164						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-8	50874165						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-9	50874166						
Layer: White Drywall			ND				
Layer: Drywall Tape			ND				
Layer: Off-White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (2 %)							
100-B-10	50874167						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-11	50874168						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-12	50874169						
Layer: Fibrous Backing			ND				
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %) Fibrous Glass (15 %)							

Client Name: Panacea Inc.

Report Number: B193012

Date Printed: 07/03/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-13	50874170						
Layer: Fibrous Backing			ND				
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (15 %)						
100-B-14	50874171						
Layer: Fibrous Backing			ND				
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %)	Fibrous Glass (30 %)						
100-B-15	50874172						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (2 %)						
100-B-16	50874173						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-17	50874174						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-18	50874175						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-19	50874176						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193012

Date Printed: 07/03/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-20	50874177						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-21	50874178						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Fibrous Glass (30 %)							
100-B-22	50874179						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-23	50874180						
Layer: Beige Plaster			ND				
Layer: Brown Mastic		Chrysotile	Trace				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (70 %)							
100-B-24	50874181						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-25	50874182						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-26	50874183						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %)							

Client Name: Panacea Inc.

Report Number: B193012

Date Printed: 07/03/14

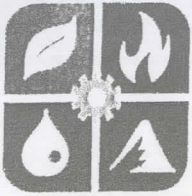
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-27	50874184						
Layer: Light Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (50 %)						



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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PANACEA, INC.

Environmental Services

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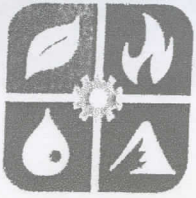
CHAIN OF CUSTODY RECORD

Date: 7/1/14 PM: Steven Modtland Page: 1 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-B15A Shipped To: Forn. Ans. by: Propped off

SAMPLE NUMBER	SAMPLING DATE / TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Mastenc!
100-B-1	6/30/14	None	Plastic Bag	Bulk	✓	CTM
2						DWJ
3						
4						
5						CTM
6						
7						
8						
9						DWJ
10						
11						
12						CTM
13						CTM
14						CTM
15						DWJ
16						
17						
18						
19						
20						

TOTAL NUMBER OF SAMPLES 20 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: Sawna Company: Panacea, Inc Date: 6/30/14 Time: 8:30 pm
 Received By: J. Valeri Company: Panacea Inc Date: 6/30/14 Time: 8:30 pm
 Relinquished By: J. Valeri Company: Panacea Inc Date: 7/1/14 Time: 1:45pm
 Received By: M. Adams Company: FAI Date: 7/1/14 Time: 1:52pm DWJ
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/1/14 PM: Steven Modtland Page: 2 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-815 A Shipped To: Fern. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
100-B-21	6/30/14	None	Plastic Bag	Bulk	✓	Material CTM
22	↓	↓	↓	↓	↓	
23	↓	↓	↓	↓	↓	
24	↓	↓	↓	↓	↓	CTM and Plaster
25	↓	↓	↓	↓	↓	
26	↓	↓	↓	↓	↓	
27	↓	↓	↓	↓	↓	DWJ

TOTAL NUMBER OF SAMPLES 7 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/30/14 Time: 8:30 PM
 Received By: [Signature] Company: Panacea Inc. Date: 6/30/14 Time: 8:30 pm
 Relinquished By: [Signature] Company: Panacea Inc. Date: 7/1/14 Time: 1:45pm
 Received By: [Signature] Company: FRLE Date: 7/1/14 Time: 1:52pm 9/0
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Accounts Payable
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193096
Date Received: 07/02/14
Date Analyzed: 07/07/14
Date Printed: 07/09/14
First Reported: 07/07/14

Job ID/Site: C14-815A, Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/01/2014

Total Samples Submitted: 51

Total Samples Analyzed: 51

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-28	50874410						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (40 %)						
100-B-29	50874411						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Drywall Tape			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (5 %)						
100-B-30	50874412						
Layer: Beige and White Plasters			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-31	50874413						
Layer: Beige and White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-32	50874414						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (40 %)						
100-B-33	50874415						
Layer: Brown Mastic			ND				
Layer: Beige Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (35 %)						

Client Name: Panacea Inc.

Report Number: B193096

Date Printed: 07/09/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-34	50874416						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-35	50874417						
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 (5 %)							
100-B-36	50874418						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-37	50874419						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-38	50874420						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-39	50874421						
Layer: Beige Plaster			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (70 %)							
100-B-40	50874422						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193096

Date Printed: 07/09/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-41	50874423						
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 (5 %)						
100-B-42	50874424						
Layer: Beige Plaster			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (70 %)							
100-B-43	50874425						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-44	50874426						
Layer: Light Grey Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (90 %)						
100-B-45	50874427						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-46	50874428						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-47	50874429						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (40 %)						

Client Name: Panacea Inc.

Report Number: B193096

Date Printed: 07/09/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-48	50874430						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-49	50874431						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-50	50874432						
Layer: White Skimcoat/Joint Compound			ND				
Layer: Beige Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %) Fibrous Glass (40 %)							
100-B-51	50874433						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (2 %)							
100-B-52	50874434						
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-53	50874435						
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-54	50874436						
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-55	50874437						
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193096

Date Printed: 07/09/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-56	50874438						
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-57	50874439						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-58	50874440						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %)							
100-B-59	50874441						
Layer: Beige Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-60	50874442						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							
100-B-61	50874443						
Layer: Beige Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %) Fibrous Glass (5 %)							
100-B-62	50874444						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193096

Date Printed: 07/09/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-63	50874445						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-64	50874446						
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-65	50874447						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
100-B-66	50874448						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %)							
100-B-67	50874449						
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 (5 %)							
100-B-68	50874450						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (2 %)							
100-B-69	50874451						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							

Client Name: Panacea Inc.

Report Number: B193096

Date Printed: 07/09/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-70	50874452						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-71	50874453						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-72	50874454						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
100-B-73	50874455						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-74	50874456						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-75	50874457						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-76	50874458						
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (85 %)							

Client Name: Panacea Inc.

Report Number: B193096

Date Printed: 07/09/14

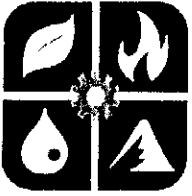
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-77	50874459						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (75 %)							
100-B-78	50874460						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



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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PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/2/14 PM: Hsin Chou Page: 1 of 3
 Project Name: Metropolitan Hospital Sampled By: Steven Modjtland
 Project No.: C14-815A Shipped To: Furn. Area by: Dropped off

SAMPLE NUMBER	SAMPLING DATE / TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED						
					PLM	Material					
100-B-28	7/1/14 7/1/14	None	Picoste Bag	Bulk	✓	CTM					
29	↓	↓	↓	↓	↓	DWJ					
30											
31											
32											
33						CTM					
34						CTM					
35											
36						DWJ					
37											
38											
39											
40						CTM and Picoste					
41						DWJ					
42						CTM and Picoste					
43											
44											
45											
46											
✓ 47											CTM

TOTAL NUMBER OF SAMPLES 20 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
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 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 7/2/14 Time: 11:00 AM
 Received By: [Signature] Company: Panacea Inc. Date: 7/2/14 Time: 11:00am
 Relinquished By: [Signature] Company: Panacea Inc. Date: 7/2/14 Time: 3:45 pm
 Received By: [Signature] Company: Fali Date: 7/2/14 Time: 3:45 pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



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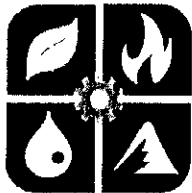
CHAIN OF CUSTODY RECORD

Date: 7/2/14 PM: Hsin Chen Page: 2 of 3
 Project Name: Metropolitan Hospital Sampled By: Steven Madland
 Project No.: CIV-815A Shipped To: Forn. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE / TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
<u>100-B48</u>	<u>7/1/14</u>	<u>none</u>	<u>Plastic Bag</u>	<u>Bulk</u>	<input checked="" type="checkbox"/>	
<u>49</u>						
<u>50</u>						<u>CTM</u>
<u>51</u>						<u>DWJ</u>
<u>52</u>						
<u>53</u>						
<u>54</u>						
<u>55</u>						
<u>56</u>						
<u>57</u>						
<u>58</u>						<u>DWJ</u>
<u>59</u>						
<u>60</u>						<u>CTM and Plaster</u>
<u>61</u>						<u>CTM</u>
<u>62</u>						
<u>63</u>						
<u>64</u>						
<u>65</u>						<u>CTM and Plaster</u>
<u>66</u>						<u>DWJ</u>
<u>67</u>						<u>DWJ</u>

TOTAL NUMBER OF SAMPLES 20 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraina at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 7/2/14 Time: 11:00 AM
 Received By: [Signature] Company: Panacea, Inc. Date: 7/2/14 Time: 11:00am
 Relinquished By: [Signature] Company: Panacea, Inc. Date: 7/2/14 Time: 3:45pm
 Received By: [Signature] Company: Fali Date: 7/2/14 Time: 3:45pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/2/14 PM: 11:00 AM Page: 3 of 3
 Project Name: Metropolitan Hospital Sampled By: Steven Muddland
 Project No.: C14-8/5A Shipped To: Furn. Area by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
100-B 68	7/1/14	None	Plastic Bag	Bulk	✓	DWJ
69	↓	↓	↓	↓	↓	CTM and Plaster
70	↓	↓	↓	↓	↓	
71	↓	↓	↓	↓	↓	
72	↓	↓	↓	↓	↓	CTM and Plaster
73	↓	↓	↓	↓	↓	
74	↓	↓	↓	↓	↓	
75	↓	↓	↓	↓	↓	
76	↓	↓	↓	↓	↓	CTM
77	↓	↓	↓	↓	↓	CTM and Plaster
✓ 78	↓	↓	↓	↓	↓	

TOTAL NUMBER OF SAMPLES 11 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 7/2/14 Time: 11:00 AM
 Received By: J. Velen Company: Panacea Inc. Date: 7/2/14 Time: 11:00 AM
 Relinquished By: J. Velen Company: Panacea, Inc. Date: 7/2/14 Time: 3:45 PM
 Received By: [Signature] Company: Fels Date: 7/2/14 Time: 3:45 PM
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193804
Date Received: 07/22/14
Date Analyzed: 07/24/14
Date Printed: 07/29/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/09/2014

Total Samples Submitted: 8

Total Samples Analyzed: 8

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-79	50877338						
Layer: Off-White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Off-White Tape			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
100-B-80	50877339						
Layer: Green Drywall Tape			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)	Fibrous Glass (Trace)						
100-B-81	50877340						
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Fibrous Glass (Trace)						
100-B-82	50877341						
Layer: Green Drywall Tape			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)	Fibrous Glass (Trace)						
100-B-83	50877342						
Layer: Off-White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Off-White Tape			ND				
Layer: White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
100-B-84	50877343						
Layer: Green Drywall Tape			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)	Fibrous Glass (Trace)						

Client Name: Panacea Inc.

Report Number: B193804

Date Printed: 07/29/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
100-B-85	50877344						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
100-B-86	50877345						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Tiffani Ludd, Laboratory Supervisor, Rancho Dominguez Laboratory

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

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 7/21/14 PM: Hsin Choo
Project Name: Metropolitan Hospital
Project No.: C14-815A

Page: 1 of 1
Sampled By: Steven Modtland
Shipped To: Form. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
100-B-79	7/19/14	None	Plastic Bag	Bulk	✓	DWJ
80						
81						DWJ
82						
83						DWJ
84						
85						
86						

TOTAL NUMBER OF SAMPLES 8 2-Day Turnaround

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 7/21/14 Time: 11:00 AM

Received By: [Signature] Company: Panacea, Inc. Date: 7/22/14 Time: 11:00 am

Relinquished By: [Signature] Company: Panacea, Inc. Date: 7/22/14 Time: 2:50 pm

Received By: [Signature] Company: FAM D/O Date: 7/22/14 Time: 2:50 pm

Relinquished By: _____ Company: _____ Date: _____ Time: _____

Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193013
Date Received: 07/01/14
Date Analyzed: 07/02/14
Date Printed: 07/03/14
First Reported: 07/03/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/14/2014

Total Samples Submitted: 32

Total Samples Analyzed: 32

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPO-B-1	50874185						
Layer: Grey Cementitious Material			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-2	50874186						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HPO-B-3	50874187						
Layer: Off-White Plasters			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-4	50874188						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-5	50874189						
Layer: Light Grey Cementitious Material			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
HPO-B-6	50874190						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193013

Date Printed: 07/03/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPO-B-7	50874191						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: Paints			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (Trace)					
HPO-B-8	50874192						
Layer: Grey Cementitious Material			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HPO-B-9	50874193						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HPO-B-10	50874194						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HPO-B-11	50874195						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HPO-B-12	50874196						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HPO-B-13	50874197						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (85 %)		Asbestos (ND)					

Client Name: Panacea Inc.

Report Number: B193013

Date Printed: 07/03/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPO-B-14	50874198						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
HPO-B-15	50874199						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
HPO-B-16	50874200						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
HPO-B-17	50874201						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
HPO-B-18	50874202						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HPO-B-19	50874203						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-20	50874204						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193013

Date Printed: 07/03/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPO-B-21	50874205						
Layer: Beige Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %)	Fibrous Glass (30 %)						
HPO-B-22	50874206						
Layer: Tan Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-23	50874207						
Layer: Tan Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-24	50874208						
Layer: Tan Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-25	50874209						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-26	50874210						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							
HPO-B-27	50874211						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Layer: Light Beige Skimcoat/Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)	Fibrous Glass (Trace)						

Client Name: Panacea Inc.

Report Number: B193013

Date Printed: 07/03/14

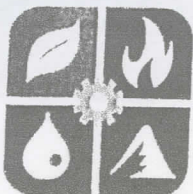
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPO-B-28	50874212						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
HPO-B-29	50874213						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
HPO-B-30	50874214						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							
HPO-B-31	50874215						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							
HPO-B-32	50874216						
Layer: Beige Plaster			ND				
Layer: Tan Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Fibrous Glass (5 %)						



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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PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 7/1/14 PM: Hsin Chou Page: 1 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-815A Shipped To: Forn. Ans. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE / TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
HPO-B-1	6/26/14	None	Plastic Bag	Bulk	✓	
2						
3						
4						
5						
6						CTM and Plaster
7						
8						
9						
10						
11						
12						
13						CTM
14						DWJ
15						CTM
16						CTM
17						CTM
18						CTM
19						CTM and Plaster
20						

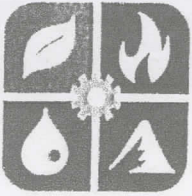
TOTAL NUMBER OF SAMPLES 20

2-Day Turnaround

COMMENTS:

Return signed chain-of-custody forms with final report(s). Email the report to Lorraina at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 6/30/14 Time: 8:00 PM
 Received By: [Signature] Company: Panacea Inc Date: 6/30/14 Time: 8:00 pm
 Relinquished By: [Signature] Company: Panacea Inc Date: 7/1/14 Time: 1:48 pm
 Received By: M Adams Company: EMC Date: 7/1/14 Time: 1:52 pm PL
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/1/14 PM: Hsin Chow Page: 2 of 2
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-B15A Shipped To: Forn. Ang. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE / TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
HPO-B-21	6/26/14	None	Plastic Bag	Bulk	✓	CTM
22	↓	↓	↓	↓	↓	
23	↓	↓	↓	↓	↓	
24	↓	↓	↓	↓	↓	
25	↓	↓	↓	↓	↓	
26	↓	↓	↓	↓	↓	
27	↓	↓	↓	↓	↓	CTM and Plaster DWJ
28	↓	↓	↓	↓	↓	DWJ
29	6/30/14	↓	↓	↓	↓	CTM and Plaster
30	↓	↓	↓	↓	↓	CTM and Plaster
31	↓	↓	↓	↓	↓	CTM and Plaster
32	↓	↓	↓	↓	↓	CTM and Plaster

TOTAL NUMBER OF SAMPLES 12 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 6/30/14 Time: 8:00 pm
 Received By: [Signature] Company: Panacea Inc Date: 6/30/14 Time: 8:00 pm
 Relinquished By: [Signature] Company: Panacea Inc Date: 7/1/14 Time: 1:48 pm
 Received By: [Signature] Company: FACT Date: 7/1/14 Time: 1:52 pm aw
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193805
Date Received: 07/22/14
Date Analyzed: 07/23/14
Date Printed: 07/24/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/15/2014, 07/18/2014

Total Samples Submitted: 5

Total Samples Analyzed: 5

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPO-B-33	50877346						
Layer: Drywall Tape			ND				
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HPO-B-34	50877347						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							
HPO-B-35	50877348						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-36	50877349						
Layer: Light Brown Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HPO-B-37	50877350						
Layer: Light Brown Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193805

Date Printed: 07/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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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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PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Chou Page: 1 of 1
 Project Name: Metropolitan Hospital Sampled By: Steven Modtlow
 Project No.: C14-815A Shipped To: Foun. Avc. by: Dumped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	
HPO-B-33	7/15/14	None	Plastic Bag	Bulk	✓	
↓ 34	↓ 7/15/14	↓	↓	↓	↓	
↓ 35	↓	↓	↓	↓	↓	
↓ 36	↓	↓	↓	↓	↓	
↓ 37	↓	↓	↓	↓	↓	

TOTAL NUMBER OF SAMPLES 5 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 AM
 Received By: J. Valeri Company: Panacea Inc Date: 7/22/14 Time: 11:00 AM
 Relinquished By: J. Valeri Company: Panacea Inc Date: 7/22/14 Time: 2:50 PM
 Received By: J. Carillo Company: FANCO Date: 7/22/14 Time: 2:50 PM
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B192144
Date Received: 06/11/14
Date Analyzed: 06/12/14
Date Printed: 07/02/14
First Reported: 06/13/14

Job ID/Site: C14-815A; Metro State Hospital

FALI Job ID: 5572

Date(s) Collected: 06/10/2014

Total Samples Submitted: 47

Total Samples Analyzed: 47

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
YAB-B-1	50869540						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-2	50869541						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-3	50869542						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-4	50869543						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-5	50869544						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192144

Date Printed: 07/02/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
YAB-B-6	50869545						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
YAB-B-7	50869546						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
YAB-B-8	50869547						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
YAB-B-9	50869548						
Layer: Beige Drywall			ND				
Layer: Off-White Plaster			ND				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (Trace)		Asbestos (ND)					
YAB-B-10	50869549						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
YAB-B-11	50869550						
Layer: Beige Drywall			ND				
Layer: Off-White Plaster			ND				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (Trace)		Asbestos (ND)					
YAB-B-12	50869551						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paints			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Panacea Inc.

Report Number: B192144

Date Printed: 07/02/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
YAB-B-13	50869552						
Layer: White Drywall			ND				
Layer: Drywall Tape			ND				
Layer: Off-White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
YAB-B-14	50869553						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	2 %				
Layer: Paints			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)	Fibrous Glass (Trace)						
Comment: This comment applies to the Off-White Skimcoat/Joint Compound only: Insufficient material for additional analyses.							
YAB-B-15	50869554						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
YAB-B-16	50869555						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)	Fibrous Glass (Trace)						
Comment: This comment applies to the Off-White Skimcoat/Joint Compound only: Insufficient material for additional analyses.							
YAB-B-17	50869556						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
YAB-B-18	50869557						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						
YAB-B-19	50869558						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %)							

Client Name: Panacea Inc.

Report Number: B192144

Date Printed: 07/02/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
YAB-B-20	50869559						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
YAB-B-21	50869560						
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-22	50869561						
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-23	50869562						
Layer: Off-White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-24	50869563						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
YAB-B-25	50869564						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-26	50869565						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (75 %) Fibrous Glass (10 %)							
YAB-B-27	50869566						
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192144

Date Printed: 07/02/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
YAB-B-28	50869567						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							
YAB-B-29	50869568						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							
YAB-B-30	50869569						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
YAB-B-31	50869570						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
YAB-B-32	50869571						
Layer: Brown Mastic		Chrysotile	Trace				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (40 %) Fibrous Glass (30 %)							
YAB-B-33	50869572						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
YAB-B-34	50869573						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							

Client Name: Panacea Inc.

Report Number: B192144

Date Printed: 07/02/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
YAB-B-35	50869574						
Layer: Brown Mastic		Chrysotile	Trace				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (40 %)	Fibrous Glass (30 %)						
YAB-B-36	50869575						
Layer: Brown Mastic		Chrysotile	Trace				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (30 %)	Fibrous Glass (20 %)						
YAB-B-37	50869576						
Layer: Light Grey Mastic			ND				
Layer: Tan Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (20 %)						
YAB-B-38	50869577						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
YAB-B-39	50869578						
Layer: Light Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-40	50869579						
Layer: Silver Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-41	50869580						
Layer: Silver Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-42	50869581						
Layer: Light Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B192144

Date Printed: 07/02/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
YAB-B-43	50869582						
Layer: Silver Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Talc (3 %)						
YAB-B-44	50869583						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
YAB-B-45	50869584						
Layer: Light Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-46	50869585						
Layer: Light Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-47	50869586						
Layer: Wood			ND				
Layer: Grey Cementitious Material			ND				
Layer: Light Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)							



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'.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 6/10/14 PM: Steven Modtland Page: 1 of 3
 Project Name: Metro State Hospital Sampled By: Steven Modtland
 Project No.: C14-815A Shipped To: Forn. Ana. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
YAG-B-1	6/10/14	None	Picsys Bag	Bulk	2-Day	
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						DWJ
14						DWJ
15						DWJ
16						DWJ
17						CTM
18						DWJ
19						CTM
20						CTM

TOTAL NUMBER OF SAMPLES 20 2-DAY TAT

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 6/10/14 Time: 5:30 pm
 Received By: [Signature] Company: Panacea, Inc Date: 6/10/14 Time: 5:30 pm
 Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/11/14 Time: 10:18 am
 Received By: [Signature] Company: FACU D/D Date: 6/11/14 Time: 10:20 am
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 6/10/14 PM: Steven Medtland Page: 2 of 3
 Project Name: metw State Hospital Sampled By: Steven Medtland
 Project No.: C14-015A Shipped To: form. Ans. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
YAB-B-21	6/10/14	None	Plastic Bag	Bulk	2-Day	
22						
23						
24						CTM
25						
26						CTM
27						
28						CTM
29						CTM
30						CTM
31						CTM
32						CTM
33						CTM
34						CTM
35						CTM
36						CTM
37						CTM
38						CTM
39						
40						

TOTAL NUMBER OF SAMPLES 20

2-Day TAT

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: Lo Mio Company: Panacea, Inc. Date: 6/10/14 Time: 5:30 pm
 Received By: J. Valeri Company: Panacea Inc. Date: 6/10/14 Time: 5:30 pm
 Relinquished By: J. Valeri Company: Panacea Inc. Date: 6/11/14 Time: 10:18 am
 Received By: J. Carmello Company: FAU D/O Date: 6/11/14 Time: 10:20 am
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 6/10/14 PM: Steven Modtland
 Project Name: Metw State Hospital
 Project No.: C14-B15A

Page: 3 of 3
 Sampled By: Steven Modtland
 Shipped To: Furn. Area by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Mastic
YAB-B-41	6/10/14	None	Picostac Bag	Bulk	3m 2-Day	
42						
43						
44						CTM
45						
46						
47						

TOTAL NUMBER OF SAMPLES 7 2-Day TAT

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 6/10/14 Time: 5:30 pm
 Received By: J. Valeri Company: Panacea Inc. Date: 6/10/14 Time: 5:30 pm
 Relinquished By: J. Valeri Company: Panacea Inc. Date: 6/11/14 Time: 10:15 am
 Received By: [Signature] Company: FACI D/O Date: 6/11/14 Time: 10:20 am
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B194109
Date Received: 07/29/14
Date Analyzed: 07/31/14
Date Printed: 07/31/14
First Reported: 07/31/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/28/2014

Total Samples Submitted: 14

Total Samples Analyzed: 14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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YAB-B-48	50878942						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				

Total Composite Values of Fibrous Components: **Asbestos (ND)**
Cellulose (85 %)

YAB-B-49	50878943						
Layer: Drywall Backing			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				

Total Composite Values of Fibrous Components: **Asbestos (ND)**
Cellulose (70 %)

YAB-B-50	50878944						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				

Total Composite Values of Fibrous Components: **Asbestos (ND)**
Cellulose (70 %)

YAB-B-51	50878945						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				

Total Composite Values of Fibrous Components: **Asbestos (ND)**
Cellulose (70 %)

YAB-B-52	50878946						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				

Total Composite Values of Fibrous Components: **Asbestos (ND)**
Cellulose (85 %)

Client Name: Panacea Inc.

Report Number: B194109

Date Printed: 07/31/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
YAB-B-53	50878947						
Layer: Off-White Non-Fibrous Material		Chrysotile	2 %				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (15 %)							
YAB-B-54	50878948						
Layer: Beige Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							
YAB-B-55	50878949						
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-56	50878950						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %) Fibrous Glass (Trace)							
YAB-B-57	50878951						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %) Fibrous Glass (Trace)							
YAB-B-58	50878952						
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-59	50878953						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (Trace)							

Client Name: Panacea Inc.

Report Number: B194109

Date Printed: 07/31/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
YAB-B-60	50878954						
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YAB-B-61	50878955						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (Trace)						



Tiffani Ludd, 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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PANACEA, INC.

Environmental Services

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CHAIN OF CUSTODY RECORD

Date: 7/29/14 PM: Hsin Chou Page: 1 of 1
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: C14-B15A Shipped To: Form. Anc. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Material
YAB-B-48	7/28/14	None	Plastic Bag	Bulk	✓	CTM
49						CTM
50						CTM
51						CTM + Plaster
52						CTM
53						
54						CTM
55						
56						DWJ
57						DWJ
58						
59						DWJ
60						
61						DWJ

TOTAL NUMBER OF SAMPLES 14 2-Day Turnaround
 COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 7/29/14 Time: 1:40 PM
 Received By: [Signature] Company: Panacea Inc Date: 7/29/14 Time: 1:40 pm
 Relinquished By: [Signature] Company: Panacea Inc Date: 7/29/14 Time: 3:15 pm
 Received By: [Signature] Company: FAU D/O Date: 7/29/14 Time: 3:17 pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____



Bulk Asbestos Analysis

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

Panacea Inc.
Hsin Chou
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B193806
Date Received: 07/22/14
Date Analyzed: 07/23/14
Date Printed: 07/24/14
First Reported: 07/24/14

Job ID/Site: C14-815A; Metropolitan Hospital

FALI Job ID: 5572

Date(s) Collected: 07/18/2014

Total Samples Submitted: 7

Total Samples Analyzed: 7

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
VC-B-1	50877351						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
VC-B-2	50877352						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)	Fibrous Glass (Trace)						
VC-B-3	50877353						
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
VC-B-4	50877354						
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 (5 %)						
VC-B-5	50877355						
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
VC-B-6	50877356						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B193806

Date Printed: 07/24/14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
VC-B-7	50877357						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



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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PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 7/22/14 PM: Hsin Chou Page: 1 of 1
 Project Name: Metropolitan Hospital Sampled By: Steven Modtland
 Project No.: CY-815A Shipped To: form. Ave. by: Dropped off

SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATION METHOD	CONTAINER TYPE/SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	Mastic
VC-B-1	7/18/14	None	Plastic Bag	Bulk	✓	
2	↓	↓	↓	↓	↓	DWJ
3	↓	↓	↓	↓	↓	
4	↓	↓	↓	↓	↓	DWJ
5	↓	↓	↓	↓	↓	
6	↓	↓	↓	↓	↓	
7	↓	↓	↓	↓	↓	

TOTAL NUMBER OF SAMPLES 7 2- Day Turn over

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraine at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc Date: 7/22/14 Time: 11:00 Am
 Received By: J. Valencia Company: Panacea Date: 7/22/14 Time: 11:00 am
 Relinquished By: J. Valencia Company: Panacea Date: 7/22/14 Time: 2:50 pm
 Received By: J. Covillo Company: FACI D/O Date: 7/22/14 Time: 2:50 pm
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____

Revision : 07-09-28



**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024481
Date Received: 7/15/14

Date Collected: 6/24/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 7/17/14
Date Reported: 7/18/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
CTE-B-14/15	20098574	14.2%	43.4%	<0.01	CH	42.4%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024480
Date Received: 7/15/14

Date Collected: 6/25/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 7/17/14
Date Reported: 7/18/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
CTE-B-25/51	20098573	5.2%	30.6%	0.042%	CH	64.2%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024540
Date Received: 7/28/14

Date Collected: 7/14/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 8/4/14
Date Reported: 8/4/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
CTE-B-54,55,58,59 (comp)	20098765	4.3%	37.0%	<0.01	CH	58.7%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024541
Date Received: 7/28/14

Date Collected: 7/14/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 8/4/14
Date Reported: 8/4/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
CTE-B-72	20098766	2.5%	28.5%	0.014%	CH	68.9%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024542
Date Received: 7/28/14

Date Collected: 7/15/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 8/4/14
Date Reported: 8/4/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
CTE-B-74	20098767	15.6%	48.2%	<0.01	ND	36.2%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy*

Client: Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723
Date Collected: 6/23/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Page: 1 of 1
Client Number: 5572
Report Number: T024482
Date Received: 7/15/14
Analyst: MF
Date Analyzed: 7/19/14
Date Reported: 7/19/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

Table with 7 columns: Client Sample Number, Lab Sample Number, Asbestos Weight Percent, Asbestos Type(s)**.

Handwritten signature of Mark S. Floyd.

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy*

Client: Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723
Date Collected: 6/25/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Page: 1 of 1
Client Number: 5572
Report Number: T024479
Date Received: 7/15/14
Analyst: MF
Date Analyzed: 7/19/14
Date Reported: 7/19/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

Table with 7 columns: Client Sample Number, Lab Sample Number, Asbestos Weight Percent, Asbestos Type(s)**.

Handwritten signature of Mark S. Floyd.

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024539
Date Received: 7/28/14

Date Collected: 7/8-9/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 8/4/14
Date Reported: 8/4/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
CTW-B-62,63,64,78,79 (comp)	20098764	7.7%	28.4%	<0.01	CH	63.9%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy*

Client: Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723
Date Collected: 6/10/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Page: 1 of 1
Client Number: 5572
Report Number: T024484
Date Received: 7/15/14
Analyst: MF
Date Analyzed: 7/19/14
Date Reported: 7/20/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

Table with 7 columns: Client Sample Number, Lab Sample Number, Asbestos Weight Percent, Asbestos Type(s)**.

Handwritten signature of Mark S. Floyd.

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024477
Date Received: 7/15/14

Date Collected: 41822
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 7/17/14
Date Reported: 7/18/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
100-B-23	20098570	45.5%	2.0%	0.49%	CH	52.0%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024476
Date Received: 7/15/14

Date Collected: 7/2/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 7/17/14
Date Reported: 7/18/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
100-B-39/42/76 (composite)	20098569	50.6%	1.1%	0.50%	AN	47.7%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024478
Date Received: 7/15/14

Date Collected: 41822
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 7/17/14
Date Reported: 7/18/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

Analytical Method: The analysis was performed on a Philips CM12 TEM at 100kV accelerating voltage. An extended low magnification analysis (~2,500x) was performed for large asbestos structures, followed by a high magnification analysis (~19,000x) for smaller asbestos structures. Any regulated asbestos structures were identified by morphology, qualitative selected area electron diffraction (SAED), and energy dispersive x-ray analysis (EDX). In addition, the length and diameter of each asbestos structure were recorded.

Data Reduction: The regulated asbestos concentration in each sample was calculated by first determining the volume of each asbestos structure counted, and then using magnification and density conversion factors to determine asbestos mass. The mass detected in the high magnification analysis was then normalized to the number of grid openings analyzed and the aliquot volume filtered for the low magnification analysis. Since a known residue mass was passed through a known filter area, and the filter area analyzed is also known, the normalized asbestos mass in the residue can be determined and then back-calculated to the weight percent asbestos in the original sample. Libby amphibole fibers (possibly winchite), which are not regulated, were detected in the sample.

ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
HPO-B-2/7 (composite)	20098571	17.4%	30.8%	<0.01	CH	51.8%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy***

Client:

Panacea Inc
Hsin Chou
14905 Paramount Blvd, Suite H
Paramount CA 90723

Page: 1 of 1
Client Number: 5572
Report Number: T024483
Date Received: 7/15/14

Date Collected: 6/10/14
Job ID: C14-815A
Project Name: Metropolitan Hospital

Analyst: MF
Date Analyzed: 7/17/14
Date Reported: 7/18/14

Sample Preparation: Each sample was prepared using the following gravimetric techniques. Representative subsamples were weighed, ashed for 6 hours, at 450°C, and reweighed to determine the organic proportion. The ashed residues were ground in hydrochloric acid to remove the acid-soluble component. The acidified residue was resuspended in a known volume of particle-free water and sonicated. Aliquots of this suspension were brought to >20ml and filtered through 0.45 µm pore-size mixed cellulose ester (MCE) membranes. After air-drying, these membranes were collapsed, etched, carbon-coated, and mounted on 200-mesh copper TEM grids.

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ANALYTICAL RESULTS						
Client Sample Number	Lab Sample Number	Organic Weight Percent	Acid-Soluble Weight Percent	Asbestos Weight Percent	Asbestos Type(s)**	Residue Weight Comments
YAB-B-32/35/36	20098576	45.0%	5.3%	0.02%	CH	49.8%

Mark S. Floyd, Analytical Microscopy Supervisor

* EPA Test Method 600/R-93/116, Part 2.5: Method for the Determination of Asbestos in Bulk Building Materials.

** Asbestos types: CH=chrysotile; AM=amosite; TR=tremolite; AC=actinolite; CR=crocidolite; AN=anthophyllite; ND=none detected.

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Likelihood Statements

Many statements have been made in this report regarding the likelihood of the occurrence of certain adverse events. The term "likelihood," as used here, pertains to chances of a match between the prediction for the event and its actual occurrence. Likelihood statements are based on the professional judgments of Panacea Inc. A prediction made for the occurrence of an event will either match the actual occurrence or not. Uncertainty about the natural processes, lack of adequate scientific understanding of the physical and chemical interactions at the site, and insufficient data and information about the specific site conditions usually preclude a perfect or 100-percent likelihood of match between predictions and actual occurrences. Therefore, where a perfect match is not possible, the likelihood statement assigns a measure for a "degree of belief" or a "betting score" for the match between the prediction for the event and the actual event outcome.

The likelihood statements can be made either qualitatively, expressed verbally, or quantitatively, expressed in percent ranges. The qualitative terms expressed verbally, however, can be approximately related to percent ranges. Panacea, Inc. has used the following approximate percent ranges for the qualitative terms used in likelihood statements:

QUALITATIVE TERM	APPROXIMATE PERCENT RANGE
Very Low	Less than 10
Low	10 to 20
Low to Moderate	20 to 40
Moderate	40 to 60
Moderate to High	60 to 80
High	80 to 90
Very High	More than 90

The following is a typical likelihood statement and its interpretation:

- *Statement:* Based on site conditions, data collected, and current regulatory guidelines delineating a hazardous waste, it is the judgment of Panacea, Inc. that there is a low likelihood that hazardous waste from the landfill has migrated to the site.
- *Interpretation of Statement:* The statement reflects an extrapolation of a discrete data set to the entire site. This statement is made within the context of regulatory guidelines delineating hazardous wastes in effect at the time the statement is made. It is important to note that these guidelines periodically change; consequently, the judgment made corresponds to the guidelines cited in the report.

An extrapolation made from a discrete data set precludes making a statement with certainty that the event has occurred (i.e., one cannot really say with 100-percent certainty that hazardous waste from the landfill has not migrated to the site). Therefore, a professional judgment is made for the event that is expressed in terms of the likelihood (less than 100 percent) that the event either has or has not occurred.

The statement given above renders a professional judgment that there is a low likelihood that the event has occurred. The above statement could also have been expressed as "there is a high likelihood that hazardous waste from the landfill has not migrated to the site."

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

Steven L Modtland

Name



Certification No. 08-4373

Expires on 05/15/22

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.



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS Forensic Laboratories

20535 S. Belshaw Ave.

Carson, CA 90746

Mr. Steven Takahashi

Phone: 310-294-4365 Fax: 310-764-1136

Email: steven.takahashi@sgs.com

<http://www.falaboratories.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101459-1

Bulk Asbestos Analysis

Code

Description

18/A01

EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

A handwritten signature in blue ink, appearing to read "Dana S. Laman". The signature is written in a cursive style.

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101459-1

SGS Forensic Laboratories

Carson, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2021-07-01 through 2022-06-30

Effective Dates



Dana S. Haman
For the National Voluntary Laboratory Accreditation Program

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Panacea Inc.
Steven Modtland
14905 Paramount Blvd.
Suite - H
Paramount, CA 90723

Client ID: 5572
Report Number: B327444
Date Received: 01/06/22
Date Analyzed: 01/10/22
Date Printed: 01/10/22
First Reported: 01/10/22

Job ID/Site: C21-948ATM; Metro - SNF Building - Microbial

SGSFL Job ID: 5572
Total Samples Submitted: 13
Total Samples Analyzed: 13

Date(s) Collected: 01/06/2022

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
B-1	51507847						
Layer: Paint			ND				
Layer: Off-White Plaster			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
B-2	51507848						
Layer: Brown Mastic			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
B-3	51507849						
Layer: Paint			ND				
Layer: Off-White Plaster			ND				
Layer: Brown Mastic			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
B-4	51507850						
Layer: Brown Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
B-5	51507851						
Layer: Brown Tile			ND				
Layer: Tan Mastic			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Panacea Inc.

Report Number: B327444

Date Printed: 01/10/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
B-6	51507852						
Layer: Brown Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
B-7	51507853						
Layer: Grey Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
B-8	51507854						
Layer: Grey Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
B-9	51507855						
Layer: Grey Tile		Chrysotile	2 %				
Layer: Black/Tan Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
B-10	51507856						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
B-11	51507857						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
B-12	51507858						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
B-13	51507859						
Layer: Tan Fibrous Material			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %) Fibrous Glass (Trace)							

Client Name: Panacea Inc.

Report Number: B327444

Date Printed: 01/10/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

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

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PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.633.3180

CHAIN OF CUSTODY RECORD

Date: 01/06/2022 PM: Steven Modtland Page: 1 of 1
 Project Name: Metro - SNF Building - Microbial Sampled By: Steven Modtland
 Project No.: C21-948ATM Shipped To: SGS Forensic By: Drop-Off

SAMPLE NO.	SAMPLING DATE / TIME	PRESERVATION METHOD	CONTAINER TYPE / SIZE	SAMPLE MATRIX	ANALYSES REQUIRED	
					PLM	NOTE
B-1	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	-
B-2	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	ML
B-3	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	ML
B-4	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	FTM
B-5	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	FTM
B-6	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	FTM
B-7	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	FTM
B-8	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	FTM
B-9	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	FTM
B-10	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	FTM
B-11	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	FTM
B-12	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	FTM
B-13	01/06/2022	None	Plastic Bag	Bulk	2 Day Turnaround	ML

TOTAL NUMBER OF SAMPLES 13

COMMENTS: Return signed chain-of-custody forms with final report(s). Email the report to Lorraina at lvalencia@panenv.com
 FTM = floor tile and mastic; LNM = linoleum and mastic; CBM = cove base and mastic;
 CTM = ceiling tile and mastic; DWJ = wallboard and joint compound; ML = other multiple-layered materials.

Relinquished By: [Signature] Company: Panacea, Inc. Date: 1/6/22 Time: 1:52 pm
 Received By: [Signature] Company: Panacea, Inc. Date: 1/6/22 Time: 1:52 pm
 Relinquished By: [Signature] Company: Panacea, Inc. Date: 1/6/22 Time: 2:42 pm
 Received By: [Signature] Company: SGS FL Date: 01-06-22 Time: 2:50pm D/O
 Relinquished By: _____ Company: _____ Date: _____ Time: _____
 Received By: _____ Company: _____ Date: _____ Time: _____