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3776
Rec 5/20/03

Tim
This replaces the May 9 2003 sent via email attachment
Please review
Thanks!
Marie

Federal Office Building No. 8
Building Renovation for General Services Administration
Washington, DC

Building Survey Report – Environmental Hazards

May 16, 2003

Prepared for:
Boggs & Partners Architects
Attn: Franklin J. Kaye, AIA
410 Severn Avenue, Suite 406
Annapolis, Maryland 21403

Prepared By:
Metcalf & Eddy
1840 Michael Faraday Drive, Suite 310
Reston, VA 20190

Individual Report for the Job Number: 3,776

Assigned to:	**Sleeth Timothy**	**Customer:**	**Pantin**
In:	**5/29/2003**	**Date Due:**	**6/12/2003**
Date Out:	**6/2/2003**	**Date Rush:**	

SDT	Building	
WPD	DC0086	FOB 8

Description: Review of Building Survey Report - Environmental Hazards 5/16/03

Individual Report for the Job Number: 3,776

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Date In:	**5/29/2003**	**Date Due:**	**6/12/2003**
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SDT	Building	
WPD	DC0086	FOB 8

Description: Review of Building Survey Report - Environmental Hazards 5/16/03

8-19-03

The following provides responses to comments prepared by Mr. Tim Sleeth, GSA Safety, Environment and Fire Protection Branch, regarding the Environmental Hazards Report:

Specific Comments

1. *Comment - Section 2.1. Building Description. Please change "Schweitzer Building" in the second paragraph to "Mary E. Switzer Building."*

   Response – Text of the report has been revised as indicated.

2. *Comment - Section 2.2.4. Summary of Existing Data. Please change "Tim Sleeth, GSA Health and Safety Director," to "Tim Sleeth, Industrial Hygienist, GSA Safety, Environment and Fire Protection Branch."*

   Response – Text of the report has been revised as indicated.

3. *Comment - Section 2.2. Summary of Existing Data - Lead-Based Paint. In the third sentence, please change "LBD" to "LBP."*

   Response – Text of the report has been revised as indicated.

4. *Comment - Section 3.1.2.6 Inspection Methods. Please change "TEM" to "Transmission Electron Microscopy (TEM)."*

   Response – Text of the report has been revised as indicated.

5. *Comment - Section 3.1.3. Site Specific Inspection Approach. In the second paragraph, please change "two prototype laboratories," to "two prototype laboratories (Rooms 1422 and 2066)."*

   Response – Text of the report has been revised as indicated.

6. *Comment - Section 3.1.3. Site Specific Inspection Approach. Bullet item three states that, "All pipe fittings on the hot and cold water lines and the high and low pressure steam lines contained ACM." Testing conducted by GSA Safety in Rooms 1422 and 2066 has shown that asbestos-containing pipe fitting insulation was applied in a thin layer along the lengths of the fiberglass insulated hot and cold water lines. Please clarify if this condition was noted and tested for as a result of the inspection activities, and if noted, was this condition taken into account for the total quantification of ACM, as noted in Section 4.1.2., Tables 2 through 10.*

   Response – DMJM H&N/Metcalf & Eddy inspectors observed and noted the presence of asbestos-containing mastic or sealant applied as a thin layer to fiberglass insulation on hot and cold water lines in the building. This type of ACM was particularly prevalent on water lines behind laboratory bench casework and in pipe chases. As a result of FDA's continuing laboratory decommissioning activities, more plumbing has been exposed behind laboratory casework. Based on reexamination of these newly accessible areas, the estimated quantities of ACM have been reviewed and revised, if needed.

7. *Comment - Section 3.2.2.2. Inspection Methods. Please change "two prototype laboratories," to "two prototype laboratories (Rooms 1422 and 2066)."*

   Response – Text of the report has been revised as indicated.

General Comment

Comment - During a meeting at GSA on July 9, 2003, Tim Sleeth recommended that the Environmental Hazards Report be included as an attachment to the Abatement Plan and specifications that will be used during the contractor bidding process. Maria Pantin expressed a concern that the floor plans in the report are not sufficiently detailed to thoroughly depict all of the different types and quantities of ACM in the building. This potential ambiguity could cause some contractors to underestimate proposed costs for abatement.

Response - To address this concern as well as provide further resolution of comment #6, the floor plans in the report will be revised to more thoroughly depict the type, quantity, and distribution of ACM in the building. All relevant information needed to scope and cost the abatement will be depicted on the floor plans. Data tables in the report will be revised to correspond to the information presented in the floor plans.

8-19-03

	PI (ft)	PF (each)	PM (ft)	SS (ft^2)	FT (ft^2)	LC (ft^2)	CC (ft^2)	FH (ft^2)	SO (ft^2)	AD (ft^2)	HI (ft^2)	RG (ft)	ED (ft^2)	RF (ft)
SubB-total	2,000	600			13,000				2,000					
Base-total	5,000	1,700	1,000	5,900	19,000	50	1,000					30		
Base-labs	4,500	1,400				50	1,000					30		
1-total	800	2,200	1,000	11,000	20,000	10,000	15,000	6,000	500				100	
1-labs	800	1,450	500			10,000	15,000	6,000	500					
2-total	800	1,600	1,000	15,000	35,000	6,000	10,000	2,500						
2-labs	800	850	800			6,000	10,000	2,500						
3-total	950	2,400	800	15,000	35,000	13,200	14,000	3,700						
3-labs	950	1,600	700			13,200	14,000	3,700						
4-total	800	2,500	700	13,000	51,000	8,700	16,000	9,800						
4-labs	800	1,700	500			8,700	16,000	9,800						
5-total	1,300	1,500	1,100	13,000	35,000	5,500	4,000	2,200						
5-labs	1,300	750	900			5,500	4,000	2,200						
6-total	150	1,500	1,000	13,000	51,000	5,300	2,700	2,200						
6-labs	150	700	900			5,300	2,700	2,200						
Pent	1,000	300								36,000	450			
Roof														50

TOTAL	PI (ft)	PF (each)	PM (ft)	SS (ft^2)	FT (ft^2)	LC (ft^2)	CC (ft^2)	FH (ft^2)	SO (ft^2)	AD (ft^2)	HI (ft^2)	RG (ft)	ED (ft^2)	RF (ft)
SubB-total	2,000	600			13,000				2,000					
Base-total	5,000	1,700	1,000	5,900	19,000	50	1,000					30		
1-total	800	2,200	1,000	11,000	20,000	10,000	15,000	6,000	500				100	
2-total	800	1,600	1,000	15,000	35,000	6,000	10,000	2,500						
3-total	950	2,400	800	15,000	35,000	13,200	14,000	3,700						
4-total	800	2,500	700	13,000	51,000	8,700	16,000	9,800						
5-total	1,300	1,500	1,100	13,000	35,000	5,500	4,000	2,200						
6-total	150	1,500	1,000	13,000	51,000	5,300	2,700	2,200						
Pent	1,000	300								36,000	450			
Roof														50
Total	12,800	14,300	6,600	85,900	259,000	48,750	62,700	26,400	2,500	36,000	450	30	100	50

LABS	PI (ft)	PF (each)	PM (ft)	SS (ft^2)	FT (ft^2)	LC (ft^2)	CC (ft^2)	FH (ft^2)	SO (ft^2)	AD (ft^2)	HI (ft^2)	RG (ft)	ED (ft^2)	RF (ft)
Base-labs	4,500	1,400				50	1,000					30		
1-labs	800	1,450	500			10,000	15,000	6,000	500					
2-labs	800	850	800			6,000	10,000	2,500						
3-labs	950	1,600	700			13,200	14,000	3,700						
4-labs	800	1,700	500			8,700	16,000	9,800						
5-labs	1,300	750	900			5,500	4,000	2,200						
6-labs	150	700	900			5,300	2,700	2,200						
Total	9,300	8,450	4,300	0	0	48,750	62,700	26,400	500	0	0	30	0	0

OTHER	PI (ft)	PF (each)	PM (ft)	SS (ft^2)	FT (ft^2)	LC (ft^2)	CC (ft^2)	FH (ft^2)	SO (ft^2)	AD (ft^2)	HI (ft^2)	RG (ft)	ED (ft^2)	RF (ft)
SubB	2,000	600			13,000				2,000					
Base	500	300	1,000	5,900	19,000	0	0	0	0	0	0	0	0	0
1	0	750	500	11,000	20,000	0	0	0	0	0	0	0	100	0
2	0	750	200	15,000	35,000	0	0	0	0	0	0	0	0	0
3	0	800	100	15,000	35,000	0	0	0	0	0	0	0	0	0
4	0	800	200	13,000	51,000	0	0	0	0	0	0	0	0	0
5	0	750	200	13,000	35,000	0	0	0	0	0	0	0	0	0
6	0	800	100	13,000	51,000	0	0	0	0	0	0	0	0	0
Pent	1,000	300								36,000	450			
Roof														50
Total	3,500	5,850	2,300	85,900	259,000	0	0	0	2,000	36,000	450	0	100	50

8-19-03

TOTAL	PI (ft)	PF (each)	PM (ft)	SS (ft^2)	FT (ft^2)	LC (ft^2)	CC (ft^2)	FH (ft^2)	SO (ft^2)	AD (ft^2)	HI (ft^2)	RG (ft)	ED (ft^2)	RF (ft)
SubB-total	2,000	600			13,000				2,000					
Base-total	5,000	1,700	1,000	5,900	19,000	50	1,000					30		
1-total	800	2,200	3,000	11,000	20,000	10,000	15,000	6,000	500				100	
2-total	800	1,600	1,800	15,000	35,000	6,000	10,000	2,500						
3-total	950	2,400	4,000	15,000	35,000	13,200	19,800	3,700						
4-total	800	2,500	2,600	13,000	51,000	8,700	16,000	9,800						
5-total	1,300	1,500	1,200	13,000	35,000	5,500	8,300	2,200						
6-total	150	1,500	1,600	13,000	35,000	5,300	8,000	2,200						
Pent	1,000	300								36,000	450			
Roof														50
Total	12,800	14,300	15,200	85,900	243,000	48,750	78,100	26,400	2,500	36,000	450	30	100	50

Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Metcalf & Eddy

May 16, 2003

Frank Kaye, AIA
Vice President
Boggs & Partners Architects, Inc.
410 Severn Avenue, Suite 406
Annapolis, Maryland 21403

Subject: Environmental Hazards Report
Federal Office Building No. 8

Dear Frank:

Enclosed please find one copy of the Environmental Hazards Report for FOB-8 including updated figures, tables and supporting documentation. Consistent with Scope of Services and additional guidance provided by GSA during project status meetings, the report addresses asbestos, lead-based paint, PCBs, and other hazardous materials in FOB-8.

If you have any questions or comments, please contact me by telephone at 703-435-4931or via e-mail at Art.Jung@m-e.com.

Sincerely,

METCALF & EDDY

(b) (6)
[redacted]

Art Jung
Project Manager

RECEIVED
MAY 19 2003
Boggs & Partners
Architects

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SUPPORTING DOCUMENTATION

Certifications

- Hygienetics Inspectors Certifications
- Hygienetics Laboratory NVLAP Accreditation Certificate
- LBP XRF Inspector Certifications

Asbestos Sample Analysis Results

- FOB 8 suspect ACM sample Chain of Custody forms
- Laboratory Analysis Reports
- Results Summary Table

LBP XRF Survey Readings

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1.0 INTRODUCTION

Federal Office Building Number Eight (FOB 8) is to be modernized for complete use as office space under the U.S. General Services Administration (GSA) , Public Buildings Service, P-100 Facilities Standards for the Public Buildings Service (November 2000). The building was constructed in 1965, and has been primarily occupied and used by the Food and Drug Administration (FDA) for office, laboratory, and animal testing facilities. Due to its age and use, FOB 8 contains a variety of hazardous and toxic materials that must be removed before building renovation can safely proceed. FDA is vacating the building and currently performing comprehensive radiological, chemical, and biological decontamination and decommissioning activities at the facility. Following the completion of FDA's Decommissioning Program, only hazardous materials associated with structural components of the building (e.g., asbestos, lead-based paint, polychlorinated biphenyl devices and residues) are expected to remain. Metcalf and Eddy was asked to provide inspection and testing services to assess the type, condition, and extent of hazardous materials remaining in FOB 8 and provide data that can be used to develop environmental abatement drawings and specifications, and guide future management and construction decisions for the modernization of the building.

The purpose of this Environmental Hazards Report is to describe the inspection and testing methodologies used in the hazardous materials assessment of FOB 8, present the assessment findings and conclusions, and provide recommendations regarding hazardous material abatement/ demolition protocol and sequencing, and disposal.

The scope of the hazardous materials assessment involved a review of existing and available information including drawings, previous assessment reports, and hazardous material inventories. In addition, walk-through surveys of the facility were performed in accordance with GSA sampling and assessment requirements for:

- Asbestos containing materials (ACM)
- Lead based paint (LBP)
- Polychlorinated biphenyl (PCB) devices and residues
- Mercury containing devices

2.0 SITE OVERVIEW

2.1 Building Description

Federal Office Building 8 (FOB 8) is located at 200 C Street, SW Washington, DC. The steel and concrete structure was designed by Naramore, Bain, Brady, and Johanson, Architects and Engineers, Seattle, Washington and the corner stone was placed in 1961. The total gross square footage of the existing building is approximately 545,000 square feet. Laboratory space comprises over three-quarters of the building. The existing building consists of eight levels: sub-basement, basement, first (main entry) level, and upper levels two through six. There is also a roof top

identified including thermal system insulation, surfacing materials and miscellaneous construction materials. Roofing materials apparently had not been sampled. Renovations that have reportedly occurred since publication of these reports may have changed the distribution of ACM or other hazardous materials in the building. In addition, there are inconsistencies in the descriptions and quantities of ACM reported. Further, review of the drawings identified locations where additional asbestos materials may be present that were previously inaccessible to inspection. While information from these reports is adequate for initial assessment, further investigation and sampling was warranted to document location, quantity and condition of ACM for abatement design purposes.

Lead-Based Paint

Based on a review of existing environmental documents and feedback from GSA, there is virtually no existing data available characterizing the distribution of lead-based paint in FOB 8. The age of the building is such that LBP could potentially be present throughout the structure. A comprehensive survey was therefore warranted to generate the LBD data needed for the implementation of renovation/demolition activities and the subsequent management of LBP components not removed during the renovation.

Polychlorinated Biphenyls (PCBs)

GSA has implemented a program to replace most pre-1978 light fixtures. The Phase I Environmental Site Assessment indicates, "Fluorescent light fixtures throughout *nearly the entire facility* were replaced in 1995 – 1996. These fixtures are deemed unlikely to utilize PCB-containing ballasts." While this is useful information for initial assessment, it does not allow a clear delineation of where they were replaced or assessed. In addition, review of the drawings identified locations where additional fluorescent fixtures may be present that have not previously been accounted for. Therefore, further investigation and sampling was warranted to provide data to prepare contractor specification for PCB-containing device management and disposal.

Mercury Containing Devices

While the Phase I report addressed mercury in fluorescent light bulbs and laboratory apparatus, no specific information on other mercury-containing electrical devices (e.g., thermostats) was available. The ACM survey activities were therefore modified to include inspection of accessible thermostats in the building.

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3.0 ASSESSMENT PROTOCOLS

Hazardous materials assessments were performed by Hygienetics, Inc. Laurel, Maryland, with Metcalf and Eddy, Inc. providing oversight and coordination. The assessments were performed in accordance with GSA guidelines and the following sections describe the protocols that were used.

3.1 Asbestos

The asbestos assessment inspection was performed by Hygienetics, Inc. personnel, Alex Baylor, and William Dallas, both of whom are U.S. Environmental Protection Agency (EPA) accredited Asbestos Hazard Emergency Response Act (AHERA) Inspector/Management Planners (see attached supporting documentation for certifications).

3.1.1 Definitions of Key Inspection Terms

The following definitions were used for key asbestos inspection terms:

1. Suspect Materials: Suspect materials are defined as installed building materials that either were pre-formed (i.e., manufactured off-site) or were prepared and installed on-site and have a history of being manufactured with asbestos

2. Non-Suspect Materials: The following materials were considered non-suspect and were not assessed or sampled if observed:
   - Glass
   - Pink or Yellow Fiberglass Insulation on pipes or other Mechanical Systems
   - Metal
   - Wood or Wood Components
   - Brick, Granite, Marble, or Other Stonework
   - Rubber or Synthetic Foam
   - Carpeting, Curtains, Wallpaper, or other Synthetic Goods
   - Ceramic Tiles and Grouting
   - Concrete or Mortar

3. Homogeneous Applications or Areas: Are suspect materials which serve the same function or purpose (e.g., floor or ceiling tiles); have similar color and texture; and were likely installed at or near the same time.

4. Inaccessible Building Areas: Are building areas, systems, structural components, or surfaces which could not be observed because: it was unsafe or impractical to disassemble or remove systems or covering; an inspector cannot physically enter or observe the area or component; or was denied access to an area or space. Areas in the building which could not be accessed included spaces above plaster ceilings, within pipe chases/enclosures or under carpeting. In addition, *Room SB472 (Evidence Room) located in the subbasement and the Loading Dock Office in the basement were inaccessible at the time of the Hygienetics March 2003 survey.*

5. Confirmed Asbestos-Containing Materials: Are suspect materials where at least one (1) of the collected bulk samples contained an asbestos concentration of 1% or more. All bulk samples of a homogeneous area of suspect ACM must be found to contain less than 1% asbestos to conclude that the material is not ACM.

3.1.2 Inspection Methods

The asbestos inspection assessment included:

1. A review of available documentation.

2. Interviews with knowledgeable building staff about construction and renovation details, utility systems, and available records that would help identify suspect materials in the building.

3. Performance of a comprehensive on-site walkthrough inspection of the entire building to verify, quantify and document existing conditions. The walkthrough also included the limited intrusive inspection of partitions and the dismantling of laboratory furniture (cabinets, tables and sinks) of two prototype groups of laboratories as a means to extrapolate the locations and quantities of asbestos containing materials throughout the remaining laboratories.

4. A detailed visual inspection of accessible building areas to locate, quantify and assess the condition of materials suspected to contain asbestos. Locations and types of ACM identified in the Phase I Environmental Site Assessment and the GSA Summary Report were revisited to verify presence and condition.

5. Collection of representative bulk samples of each homogeneous area of suspect material as per the bulk sampling criteria outlined below in Table 1. ACM identified in previous reports that was still present was also re-sampled to confirm asbestos content. All bulk samples were collected in accordance with AHERA (40 CFR 763.85) and as directed in the GSA PBS P5800.36, Real Property Management and Safety Policy Handbook.

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Table 1 Minimum Bulk Sampling Criteria (AHERA)	
Type of Material	**Minimum Number of Bulk Samples**
Surfacing Material	3 samples for homogenous area less than or equal to 1000 ft^2 5 samples for homogenous area greater than 1000 but less than 5000 ft^2 7 samples for homogenous area greater than 5000 ft^2
Thermal System Insulation	3 samples per homogenous area 1 sample per homogenous patched area
Miscellaneous Material	Sufficient to determine whether material is ACM (a minimum of 2-3 samples were obtained for this survey whenever possible)
Non-friable Suspected ACM	Sufficient to determine whether material is ACM (a minimum of 2-3 samples were obtained for this survey whenever possible)

A sample numbering system consisting of the collection date (6 digits), the employee number of the individual who collected the sample, and a two-digit sample number were used to insure that no two samples received the same identification number. Multiple samples of homogenous materials were further identified by the addition of an A, B, or C to the two-digit sample number. Chain of Custody forms were used to record the unique sample identification number, the area where the sample was taken and a description of the sample (e.g., pipe insulation, vinyl tile, etc.). Copies of the FOB 8 sample Chain of Custody forms, laboratory analysis reports and a result summary table are included in the attached supporting documentation.

The following seven AHERA physical assessment categories were used to classify the asbestos containing materials:

1 Damaged thermal system insulation ACM
2 Damaged friable surfacing ACM
3 Significantly damaged friable surfacing ACM
4 Damaged friable miscellaneous ACM
5 ACM with potential for damage
6 ACM with potential for significant damage
7 Any remaining friable ACM or friable suspected ACM.

6. Analysis of the bulk samples at a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory. Samples were analyzed by Hygienetics Laboratory Services (HLS) in Boston, MA using the EPA-endorsed Polarized Light Microscopy with Dispersion (PLM/DS) method (EPA 600/M4-82-020). HLS is fully accredited for bulk sample analysis under NVLAP Code 101147-0 administered by the National Institute of Standard & Technology (NIST). A copy of the lab's NVLAP accreditation certificate is included in the attached supporting documentation.

   According to the accepted PLM/DS method (EPA 600/M4-82-020) used for the analysis, the percent of asbestos is determined by visual inspection using a phase-contrast

microscope. These results are estimates only and represent a range. Therefore, the numerical percent of asbestos should not be regarded as an absolute figure, but rather as an approximate value that should be used for relative comparison only, unless additional confirmation analysis via point count technique or TEM is performed. The lower limit of estimation of the asbestos percentage for the PLM/DS method is approximately 1% by volume, and therefore materials which have low asbestos content are usually listed as Trace or <1% (less than 1% by volume).

3.1.3 Site Specific Inspection Approach

The purpose of the inspection was to assess the types, distribution, and approximate quantities of ACM in FOB 8. The assessment approach involved the use of existing data to provide a general characterization of the location and quantities of asbestos, comparison of the reported ACM data to the existing conditions, and collection of samples of suspect materials to fill potential data gaps. The inspection included access to areas that previously were not inspected, and assessed the possibility of the presence of asbestos containing materials in concealed areas. While the inspection was comprehensive, this approach did not result in a "lab to lab" or "room to room" sampling strategy.

The quantification of ACM presented in this report was based on the use of various assumptions developed from data obtained during detailed inspection of the two prototype laboratories, and from observations of consistently occurring components in various building systems. While this testing procedure differs from the AHERA guidelines, FOB 8 does not conform to the criteria for which the AHERA guidelines were intended (i.e., schools). As a result, the asbestos assessment strategy used in FOB-8 was considered to be a modified-AHERA approach.

The following assumptions were used in the quantification of ACM:

- Floors 1-6 were all essentially configured the same way. Office space occupied the western third of each floor and laboratories with some offices occupying the rest of each floor. Estimation of the distribution of ACM was based on these characteristics.

- Unless observed otherwise, all HVAC duct work contained fiberglass insulation with seams that were sealed with ACM.

- All pipe fittings on the hot and cold water lines and the high and low pressure steam lines contained ACM.

- Pipe insulation is a mixture of fiberglass and ACM.

- Black pipe mastic containing ACM is present on fiberglass pipe insulation on hot and cold water lines.

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- All fume hoods contain approximately 150 square feet (SF) of non-friable transite (ACM) board. Laminar flow clean benches with associated air handling equipment do not contain ACM.

- All non-metallic, mineral laboratory countertops tops contain non-friable transite material.

- All vinyl floor tiles are non-friable ACM and are present in double layers.

- All metal cabinets and countertops have black fire coating ACM applied to the back.

- Small laboratories typically contained two wall cabinet/counter top units and approximately 90 SF of transite countertop. The small-sized laboratory had approximately 20 ACM pipe fittings.

- Large laboratories typically contained two wall cabinet/counter top units plus one center cabinet/countertop units and approximately 150 SF of transite countertop. The large-sized laboratory had approximately 30 ACM pipe fittings.

- Extra-large laboratories typically contained two wall cabinet/counter top units plus two center cabinet/countertop units and approximately 220 SF of transite countertop. The large-sized laboratory had approximately 40 ACM pipe fittings.

3.2 Lead-Based Paint

The lead-based paint (LBP) assessment inspection was performed by Edward Beck, District of Columbia accredited lead inspector (accreditation DC02-613- see attached supporting documentation). The assessment was performed in accordance with GSA guidelines and included:

3.2.1 Definition of Key Inspection Terms

The following definitions were used for key LBP inspection terms:

1. Suspect LBP: Due to the age of FOB 8, all painted surfaces on building components, materials and equipment were considered potentially coated with LBP.

2. Homogeneous Applications or Areas: Are suspect painted surfaces which serve the same function or purpose; have similar color and texture; and were likely installed at or near the same time.

3. Inaccessible Building Areas: Are building areas, systems, structural components, or surfaces which could not be observed because: it was unsafe or impractical to disassemble or remove systems or covering; an inspector cannot physically enter or observe the area or component; or was denied access to an area or space. Areas in the building which could not be accessed included spaces above plaster ceilings, within pipe chases/enclosures or under carpeting. In

addition, *Room SB472 (Evidence Room) located in the subbasement and the Loading Dock Office in the basement were inaccessible at the time of the Hygienetics March 2003 survey.*

4. Positive LBP: Painted surfaces where lead levels exceed 0.7 mg/cm^2 as determined by XRF testing.

3.2.2 Inspection Methods

The LBP inspection assessment included:

1. Interviews with knowledgeable building staff about construction and renovation details, utility systems, and available records that would help identify LBP in the building.

2. Performance of a comprehensive on-site walkthrough inspection of the entire building to verify, quantify and document existing conditions. The walkthrough also included the limited demolition of partitions and the dismantling of laboratory furniture (cabinets, tables and sinks) of two prototype laboratories as a means to extrapolate the locations and quantities of LBP throughout the remaining laboratories.

3. Non-destructive lead analysis of representative painted surfaces using a hand held x-ray fluorescence (XRF) detector (Niton Model XL XRF analyzer with a cadmium-109 radioisotope source). XRF analysis was performed consistent with Housing and Urban Development (HUD) guidelines. The XRF was calibrated using a National Institute of Standards and Technology (NIST) LBP standard reference material (SRM). Measurements were made by placing the XRF analyzer against the painted surface and activating the instrument. Surface levels of lead were expressed in units of milligrams per square centimeter (mg/cm^2). The Niton Model XL Analyzer is able to detect as little as 0.1 mg of lead/cm^2.

3.2.3 Site Specific Inspection Approach

The purpose of the inspection was to determine if LBP detected by XRF testing is present in FOB 8. The assessment approach was to test various components in randomly selected rooms and laboratories. While this testing procedure differs from the industry accepted HUD guidelines, FOB 8 does not conform to the criteria for which the HUD guidelines were intended (i.e. residential facility, child care or home for the elderly visited by children). As a result, the LBP assessment strategy used in FOB-8 was considered to be a modified-HUD approach.

Testing via HUD guidelines would not have been practical for the intended purpose of this test effort, which was to determine if lead based paint is present and if it would be impacted by future renovations. In addition, the lead paint work being performed in FOB 8 will fall under the Occupational Safety and Health Administration (OSHA) "Lead Exposure in Construction: Interim Final Rule," (29CFR1926.62) dated May 4, 1993. This regulation applies to all construction work where an employee may be occupationally exposed to lead at or above the action level of 30

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micrograms per cubic meter of air (30ug/m^3) calculated as 8-hour time weighted average. Under this regulation, a building owner is responsible to inform all contractors working in a structure where detectable lead is present on surfaces. It is the responsibility of the contractor who may disturb the lead, to comply with the OSHA Lead in Construction Regulation. It should also be noted that 29CFR1926.62 is a federal regulation and individual states may have more stringent regulations pertaining to lead. It is the responsibility of the contractor to know and comply with all regulations pertaining to lead within the state where their work is being performed.

3.3 PCB Materials

The polychlorinated biphenyl (PCB) assessment inspection was also performed by Hygienetics, Inc. personnel, Alex Baylor, and William Dallas. The assessment was performed in accordance with GSA guidelines and included:

1. A review of available documentation.

2. Interviews with knowledgeable building staff about construction and renovation details, utility systems, and available records that would help identify PCB materials in the building.

3. Performance of a building wide survey of equipment, which may contain PCBs. Operating and out of service fluorescent light fixtures were examined to identify units with PCB-containing ballasts. This included the disassembly of a number of light fixtures to verify the ballasts are labeled as "non-PCB containing or No PCBs". All ballasts with labels that did that did not indicate that they were non-PCB containing were assumed to contain PCBs.

3.4 Other Hazardous Materials (i.e., mercury containing devices)

Concurrent with the ACM and LBP inspections, Hygienetics, Inc. personnel surveyed the building to identify electrical devices and other building systems that may contain elemental mercury.

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4.0 FINDINGS

4.1 Asbestos

4.1.1 Types of ACM found

The types of asbestos containing materials located and quantified in FOB 8 include:

- Sprayed-on Fire Proofing (FP)

Friable asbestos containing sprayed-on fireproofing is located on the ceiling of the subbasement incinerator room and on beams located on the southwest side of the first floor. This material is generally classified as damaged friable surfacing asbestos containing material (ACM) due to age and contact. The inspectors quantified approximately 2,000 square feet (SF) of this material in the subbasement incinerator room and approximately 500 SF on beams on the northeast side of the first floor. Due to the proximity of the HVAC air diffusers, the sprayed on ACM may be potentially damaged due to air erosion.

- Pipe Insulation (PI) and Pipe Fitting Insulation (PF)

Friable asbestos containing pipe and pipe fitting insulation is present on low and high pressure steam lines and hot and /cold water lines located in the basement and subbasement mechanical areas, offices, laboratories and pipe chases throughout the building including the penthouse mechanical area, and the tunnel to the Ford Building containing the chilled water lines. This material is generally classified as damaged or significantly damaged thermal system insulation ACM due to age and contact. The inspectors quantified approximately 12,800 LF of asbestos containing pipe insulation and 14,300 pipe fittings (including 8 14-inch pipe fittings on the visible portion of the chilled water lines to the Ford Building).

- Air Handling Duct Insulation (HD)

Friable asbestos containing duct insulation is located in the penthouse mechanical area. This material is generally classified as damaged or significantly damaged thermal system insulation ACM due to age and contact. The inspectors quantified 36,000 SF of this material.

- White and Black Seam Sealant on Ductwork (SS)

Non-friable white and black asbestos containing seam sealant is present on ductwork located in the basement/subbasement mechanical areas, offices, laboratories and pipe chases throughout the building. This material is generally classified as ACM with potential for damage. The inspectors quantified approximately 85,900 SF of ductwork with white/black asbestos containing seam sealant material.

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- Black Pipe Mastic (BP)

Non-friable asbestos containing black pipe mastic is present on fiberglass insulation on hot and cold domestic water lines located in the basement and subbasement mechanical areas, offices, laboratories and pipe chases throughout the building. This material is generally classified as an ACM with potential for damage due to age. The inspectors quantified approximately 6,600 LF of piping with black pipe mastic on fiberglass insulation.

- Vinyl Floor Tile and Associated Mastic (FT)

Non-friable asbestos containing vinyl floor tile and the associated floor tile mastic are located in the basement/subbasement areas and the first through sixth floor in offices, and laboratory areas. These materials are classified as ACM with potential for damage due to age and contact. The inspectors quantified approximately 243,000 SF of vinyl floor tile and the associated mastics. Two layers of vinyl floor tile and associated mastic were verified in many locations throughout the facility.

- Cabinet Fire Coating (CC)

Non-friable asbestos containing black cabinet fire coating is present on laboratory metal tables and cabinets located in the basement "Media Prep" area and on the first through sixth floor laboratories. This material is generally classified as ACM with potential for damage due to age. The inspectors quantified approximately 62,700 SF of this material. The inspectors noted that the transporting of cabinets and metal laboratory tables with black cabinet fire coating could change the classification to ACM with the potential of significant damage if the black fire coating is contacted.

- Transite Fume Hoods (TR)

Non-friable asbestos containing transite board comprising fume hoods is located in the basement through sixth floor laboratory areas. This material is generally classified as an ACM with potential for damage. The inspectors quantified approximately 29,900 SF of this material.

- Transite Laboratory Countertops (TR)

Non-friable asbestos similar to transite board comprises laboratory countertops and located in the basement through sixth floor laboratory areas. This material is in good condition. The inspectors quantified approximately 48,750 SF of this material.

- Fume Hood Insulation (HI)

Friable fume hood insulation is located in the southwest section of the penthouse mechanical area. This material is generally classified as damaged or significantly damaged thermal system insulation ACM due to age and contact. The inspectors quantified approximately 450 SF of this material.

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- Rope Gasket Material (RP)

Non-friable rope gasket material is present on glassware dryer located in the basement "Media Prep" area. This material is classified as an ACM with significant damage. The inspectors quantified approximately 30 LF of this material.

- Elevator Doors (ED)

Non-friable elevator door material is located on the first floor elevator lobby area. This material is classified as an ACM with potential for damage. The inspectors quantified approximately 100 SF of this material.

- Roof Flashing

Non-friable roof flashing material is located around the base of the incinerator exhaust stack and another unidentified exhaust stack on the east central portion of the upper roof. This material is classified as an ACM with potential for significant damage. The inspectors quantified approximately 50 LF of this material.

A wide variety of suspect materials were sampled that did not contain asbestos. These included the woven fibrous fastener inserts ("wall anchors"), hard duct insulation, ceiling tiles, linoleum sheeting and associated yellow mastic, refrigerator insulation, concrete overspray, drywall, fire brick and roofing material (see the asbestos analysis results summary contained in the attached supporting documentation).

4.1.2 ACM Distribution

A summary of the types of ACM identified on each floor of FOB 8 including the approximate quantity, friability and condition is presented in Tables 2 thorough 10. The quantities of ACM specifically present for laboratory operations are also provided in parenthesis ( ).

Drawings of each floor are presented on Figures 1 through 9. These figures depict floor plans and the types and approximate distributions of ACM identified on each floor. Due to the variability in number and location of HVAC, duct runs, pipe runs, and fume hoods, distributions if the associated ACM are depicted generally on the figures.

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Table 2
Estimated Quantities of Asbestos Containing Material located in FOB 8, Sub-basement

Material Description	Material Location	Quantity* (1)	Friable	AHERA Condition Category
Spray-on Fire Proofing (FP)	Incinerator Room	2,000 SF (NA)	Yes	2
Vinyl Floor Tile and Associated Mastic (FT)	Corridors and Offices	13,000 SF (NA)	No	5
Pipe Insulation (PI)	Above Lay-in Ceilings, Offices, Corridors and Pipe Chases	2,000 LF (NA)	Yes	1
Pipe Fitting Insulation (PF)	Above Lay-in Ceiling in Offices, Corridors and Pipe Chases	600 Each (NA)	Yes	1

1. Quantity in parenthesis represents amount of ACM specifically present for laboratory operations.
LF = Linear Feet
SF = Square Feet
NA = Not Applicable

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Table 3
Estimated Quantities of Asbestos Containing Material located in FOB 8, Basement

Material Description	Material Location	Quantity (1)	Friable	AHERA Condition Category
Vinyl Floor Tile and Associated Mastic (FT)	Offices, Corridors and Labs	19,000 SF (NA)	No	5
White and Black Seam Sealant on Ductwork (SS) (2)	Above Lay-in Ceiling in Offices, Corridors and Pipe Chases	5,900 SF (NA)	No	5
Pipe Insulation (PI)	Above Lay-in Ceiling in Offices, Corridors and Pipe Chases	5,000 LF (4,500 LF)	Yes	6
Pipe Fitting Insulation (PF)	Above Lay-in Ceiling in Offices, Corridors and Pipe Chases	1,700 Each (1,400 Each)	Yes	1
Transite on Laboratory Countertops (TR-CT)	Basement Laboratories	50 SF (50 SF)	No	1
Black fire coating on Laboratory Cabinets (CC)	Basement Laboratories	1,000 SF (1,000 SF)	No	5
Rope Gasket (RG)	Associated with Glass Dryer in Basement Glassware Area	30 LF (30 LF)	No	6
Black Pipe Mastic on Fiberglass Pipe Insulation (BP) (3)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	1,000 LF (NA)	No	5

1. Quantity in parenthesis represents amount of ACM specifically present for laboratory operations.
2. Quantity indicates square footage of ductwork quantified and not actual amount of seam sealant located.
3. Quantity indicates linear footage of piping quantified and not actual amount of black pipe mastic located.

LF = Linear Feet
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Table 4
Estimated Quantities of Asbestos Containing Material located in FOB 8, First Floor

Material Description	Material Location	Quantity (1)	Friable	AHERA Condition Category
Spray-on Fire Proofing (FP)	West Portion of the First Floor	500 SF (500 SF)	Yes	2
Vinyl Floor Tile and Associated Mastic (FT)	Offices, Corridors and Labs	20,000 SF (NA)	No	5
White and Black Seam Sealant on Ductwork (SS) (2)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	11,000 SF (NA)	No	5
Pipe Insulation (PI)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	800 LF (800 LF)	Yes	1
Pipe Fitting Insulation (PF)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	2,200 Each (1,450 Each)	Yes	1
Transite on Fume Hoods (TR)	1st Floor Laboratory Areas	6,000 SF (6,000 SF)	No	5
Transite on Laboratory Countertops (TR)	1st Floor Laboratory Areas	10,000 SF (10,000 SF)	No	5
Black fire coating on Laboratory Cabinets	1st Floor Laboratory Areas	15,000 SF (15,000 SF)	No	5
Elevator Doors	1st Floor Elevator Lobby	100 SF (NA)	No	5
Black Pipe Mastic on Fiberglass Pipe Insulation (3)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	1,000 LF (500 LF)	No	5

1. Quantity in parenthesis represents amount of ACM specifically present for laboratory operations.
2. Quantity indicates square footage of ductwork quantified and not actual amount of seam sealant located.
3. Quantity indicates linear footage of piping quantified and not actual amount of black pipe mastic located.

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Table 5
Estimated Quantities of Asbestos Containing Material located in FOB 8, Second Floor

Material Description	Material Location	Quantity (1)	Friable	AHERA Condition Category
Vinyl Floor Tile and Associated Mastic (FT)	Offices, Labs and Corridors	35,000 SF (NA)	No	5
White and Black Seam Sealant on Ductwork (SS) (2)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	15,000 SF (NA)	No	5
Pipe Insulation (PI)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	800 LF (800 LF)	Yes	1
Pipe Fitting Insulation (PF)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	1,600 Each (850 Each)	Yes	1
Transite on Fume Hoods (TR)	2nd Floor Laboratory Areas	2,500 SF (2,500 SF)	No	5
Transite on Laboratory Countertops (TR)	2nd Floor Laboratory Areas	6,000 SF (6,000 SF)	No	5
Black fire coating on Laboratory Cabinets (CC)	2nd Floor Laboratory Areas	10,000 SF (10,000 SF)	No	5
Black Pipe Mastic on Fiberglass Pipe Insulation (BP) (3)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	1,000 LF (800 LF)	No	5

1. Quantity in parenthesis represents amount of ACM specifically present for laboratory operations.
2. Quantity indicates square footage of ductwork quantified and not actual amount of seam sealant located.
3. Quantity indicates linear footage of piping quantified and not actual amount of black pipe mastic located.

LF = Linear Feet
SF = Square Feet
NA = Not Applicable

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Table 6
Estimated Quantities of Asbestos Containing Material located in FOB 8, Third Floor

Material Description	Material Location	Quantity (1)	Friable	AHERA Condition Category
Vinyl Floor Tile and Associated Mastic (FT)	Offices, Corridors and Laboratories	35,000 SF (NA)	No	5
White and Black Seam Sealant on Ductwork (SS) (2)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	15,000 SF (NA)	No	5
Pipe Insulation (PI)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	950 LF (950 LF)	Yes	1
Pipe Fitting Insulation (PF)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	2,400 Each (1,600 Each)	Yes	1
Transite on Fume Hoods (TR)	3rd Floor Laboratory Areas	3,700 SF (3,700 SF)	No	5
Transite on Laboratory Countertops (TR)	3rd Floor Laboratory Areas	13,200 SF (13,200 SF)	No	5
Black fire coating on Laboratory Cabinets (CC)	3rd Floor Laboratory Areas	14,000 SF (14,000 SF)	No	5
Black Pipe Mastic on Fiberglass Pipe Insulation (BP) (3)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	800 LF (700 LF)	No	5

1. Quantity in parenthesis represents amount of ACM specifically present for laboratory operations.
2. Quantity indicates square footage of ductwork quantified and not actual amount of seam sealant located.
3. Quantity indicates linear footage of piping quantified and not actual amount of black pipe mastic located.

LF = Linear Feet
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Table 7
Estimated Quantities of Asbestos Containing Material located in FOB 8, Fourth Floor

Material Description	Material Location	Quantity (1)	Friable	AHERA Condition Category
Vinyl Floor Tile and Associated Mastic (FT)	Offices, Laboratories, Corridors and Laboratories	51,000 SF (NA)	No	5
White and Black Seam Sealant on Ductwork (SS) (2)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	13,000 SF (NA)	No	5
Pipe Insulation (PI)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	800 LF (800 LF)	Yes	1
Pipe Fitting Insulation (PF)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	2,500 Each (1,700 Each)	Yes	1
Transite on Fume Hoods (TR)	4th Floor Laboratory Areas	9,800 SF (9,800 SF)	No	5
Transite on Laboratory Countertops (TR)	4th Floor Laboratory Areas	8,700 SF (8,700 SF)	No	5
Black fire coating on Laboratory Cabinets (CC)	4th Floor Laboratory Areas	16,000 SF (16,000 SF)	No	5
Black Pipe Mastic on Fiberglass Pipe Insulation (BP) (3)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	700 LF (500 LF)	No	5

1. Quantity in parenthesis represents amount of ACM specifically present for laboratory operations.
2. Quantity indicates square footage of ductwork quantified and not actual amount of seam sealant located.
3. Quantity indicates linear footage of piping quantified and not actual amount of black pipe mastic located.

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NA = Not Applicable

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Table 8
Estimated Quantities of Asbestos Containing Material located in FOB 8, Fifth Floor

Material Description	Material Location	Quantity (1)	Friable	AHERA Condition Category
Vinyl Floor Tile and Associated Mastic (FT)	Offices, Corridors and Laboratories	35,000 SF (NA)	No	5
White and Black Seam Sealant on Ductwork (SS) (2)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	13,000 SF (NA)	No	5
Pipe Insulation (PI)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	1,300 LF (1,300 LF)	Yes	1
Pipe Fitting Insulation (PF)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	1,500 Each (750 Each)	Yes	1
Transite on Fume Hoods (TR)	5th Floor Laboratory Areas	2,200 SF (2,200 SF)		5
Transite on Laboratory Countertops (TR)	5th Floor Laboratory Areas	5,500 SF (5,500 SF)	No	5
Black fire coating on Laboratory Cabinets (CC)	5th Floor Laboratory Areas	4,000 SF (4,000 SF)	No	5
Black Pipe Mastic on Fiberglass Pipe Insulation (BP) (3)	Above Lay-in Ceiling in Offices, Corridors and Pipe Chases	1,100 LF (900 LF)	No	5

1. Quantity in parenthesis represents amount of ACM specifically present for laboratory operations.
2. Quantity indicates square footage of ductwork quantified and not actual amount of seam sealant located.
3. Quantity indicates linear footage of piping quantified and not actual amount of black pipe mastic located.

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Table 9
Estimated Quantities of Asbestos Containing Material located in FOB 8, Sixth Floor

Material Description	Material Location	Quantity (1)	Friable	AHERA Condition Category
Vinyl Floor Tile and Associated Mastic (FT)	Offices, Laboratories, Corridors and Laboratories	51,000 SF (NA)	No	5
White and Black Seam Sealant on Ductwork (SS) (2)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	13,000 SF (NA)	No	5
Pipe Insulation (PI)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	150 LF (150 LF)	Yes	1
Pipe Fitting Insulation (PF)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	1,500 Each (700 Each)	Yes	1
Transite on Fume Hoods (TR)	6th Floor Laboratory Areas	2,200 SF (2,200 SF)		5
Transite on Laboratory Countertops (TR)	6th Floor Laboratory Areas	5,300 SF (5,300 SF)	No	5
Black fire coating on Laboratory Cabinets	6th Floor Laboratory Areas	2,700 SF (2,700 SF)	No	5
Black Pipe Mastic on Fiberglass Pipe Insulation (3)	Above Lay-in Ceiling in Offices, Laboratories, Corridors and Pipe Chases	1,000 LF (900 LF)	No	5

1. Quantity in parenthesis represents amount of ACM specifically present for laboratory operations.
2. Quantity indicates square footage of ductwork quantified and not actual amount of seam sealant located.
3. Quantity indicates linear footage of piping quantified and not actual amount of black pipe mastic located.

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Table 10
Estimated Quantities of Asbestos Containing Material located in FOB 8, Penthouse/Roof

Material Description	Material Location	Quantity (1)	Friable	AHERA Condition Category
Pipe Insulation (PI)	Throughout Penthouse Mechanical Room	1,000 LF (NA)	Yes	1
Pipe Fitting Insulation (PF)	Throughout Penthouse Mechanical Room	300 Each (NA)	Yes	1
Duct Insulation Associated with Air Handling Units (HD)	Throughout Penthouse Mechanical Room	36,000 SF (NA)	Yes	1
Fume Hood Insulation (HI)	Southwest Corner of Penthouse Mechanical Room	450 SF (NA)	Yes	1
Roof Flashing	Upper Roof-Base of incinerator exhaust stack and unidentified exhaust stack	50 LF (NA)	No	5

1. Quantity in parenthesis represents amount of ACM specifically present for laboratory operations.
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NA = Not Applicable

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4.2 Lead-Based Paint

4.2.1 Types of surfaces with LBP

Lead-based paint was only detected on relatively few building component surfaces in FOB 8 including:

- Black rubber baseboards: 4th, 5th and 6th Floors
- Wood doors: Subbasement Room 46 and Basement Room 766
- Metal fume hood: 6th Floor, Room 6812
- Concrete metal motor housing and motor bases: Penthouse
- Metal walls on air handling units: Penthouse
- Floor: Basement Parking Garage
- Bench: Penthouse
- Roof support beams: Exterior Roof

This finding is different than the original assumption that LBP would be widespread, based on the age of the building. A table listing all the readings taken during the XRF survey is included in the attached supporting documentation.

4.2.2 LBP Distribution

A summary of the building components that tested positive for LBP on each floor of FOB 8 including the paint condition is presented in Table 11.

Table 11
Components that tested Positive for Lead Based Paint in FOB 8

Test Number	Component	Location	Condition
Subbasement			
94	Wood Door	Room 46	Intact
96	Wood Door	Room46	Intact
Basement			
110	Wood Door	Room 766	Intact
705	Concrete Floor	Parking Garage	Intact
706	Concrete Floor	Parking Garage	Intact
707	Concrete Floor	Parking Garage	Intact
808	Rubber Baseboard	Hallway	Intact
820	Rubber Baseboard	Hallway	Intact
Fourth Floor			
398	Rubber Baseboard	Hallway	Intact

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Table 11
Components that tested Positive for Lead Based Paint in FOB 8

Test Number	Component	Location	Condition
399	Rubber Baseboard	Hallway	Intact
497	Rubber Baseboard	Hallway	Intact
498	Rubber Baseboard	Hallway	Intact
Fifth Floor			
23	Rubber Baseboard	Hallway	Intact
25	Rubber Baseboard	Hallway	Intact
Sixth Floor			
212	Metal Fume Hood	Room 6812	Intact
213	Metal Fume Hood	Room 6812	Intact
Penthouse Mechanical Area /Roof			
719	Metal Motor Housing	By AHU 11-2	Intact
721	Metal Motor Base	By AHU 2	Intact
723	Metal Motor Housing	By AHU 2	Intact
728	Metal Motor Housing	By AHU 11	Intact
732	Concrete Floor	By Power Station	Intact
735	Metal Support	AHU 13	Intact
737	Metal Wall on AHU 13	AHU 13	Intact
738	Metal Wall on AHU 15	AHU 13	Intact
739	Metal Wall on AHU 15	AHU 13	Intact
741	Metal Wall on AHU 16	AHU 16	Intact
742	Metal Wall on AHU 18	AHU 18	Intact
745	Metal Motor Base	By AHU 3	Intact
746	Metal Motor Base	By AHU 3	Intact
750	Metal Motor Base	By AHU 22	Intact
751	Metal Fan	By AHU 22	Intact
754	Metal Motor Base	By AHU 27	Intact
755	Metal Motor Base	By AHU 8	Intact
756	Metal Motor Base	By AHU 7	Intact
757	Metal Wall on AHU 27	AHU 27	Intact
760	Metal Wall on AHU 6	AHU 6	Intact
763	Metal Motor	AHU 5	Intact
771	Metal Bench	Penthouse	Intact
772	Metal Bench	Penthouse	Intact
773	Metal Wall on AHU 1	AHU 1	Intact
780	Metal Motor Base	AHU 25	Intact
803	Metal Motor Base	AHU 20	Intact
804	Metal Wall on AHU 20	AHU 20	Intact

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Table 11 Components that tested Positive for Lead Based Paint in FOB 8			
Test Number	**Component**	**Location**	**Condition**
806	Metal Wall on AHU 26	AHU 26	Intact
807	Metal Wall on AHU 27	AHU 27	Intact
Outside –Roof			
776	Metal Roof Support Beam	Beam	Peeling
777	Metal Roof Support Beam	Beam	Peeling

4.3 PCB Materials

4.3.1 Other Types of PCBs found

The PCB-containing devices identified by the inspection included fluorescent light ballasts, and germicidal (ultraviolet light bulb) light fixtures.

4.3.2 PCB Distribution

Based on the results of the inspection, it is estimated that a total of 1,119 light fixtures may be present in FOB 8 including fluorescent and germicidal units that may contain PCB electrical ballasts. The inspectors located 667 light ballasts on the first floor lobby area of the building. These ballasts are located above the suspended ceiling and may have been previously used for germicidal light fixtures. The inspectors also located 347 unlabelled ballasts in the sub basement area and 60 unlabelled ballasts in the basement area. In addition, 45 unlabelled light ballasts were located in ultraviolet light fixtures in several laboratories on the third and fourth floors.

4.4 Other Hazardous Materials (i.e., mercury containing devices)

No mercury containing devices were identified during the inspection. Many of the thermostats had already been disturbed or removed at the time of the inspection.

Legend (general distribution of ACM depicted)

FP: Sprayed-on Fire Proofing = 2,000 SF

FT: Vinyl Floor Tile/Mastic = 13,000 SF

PI: Pipe Insulation = 2,000 LF

PF: Pipe Fittings = 600 Each

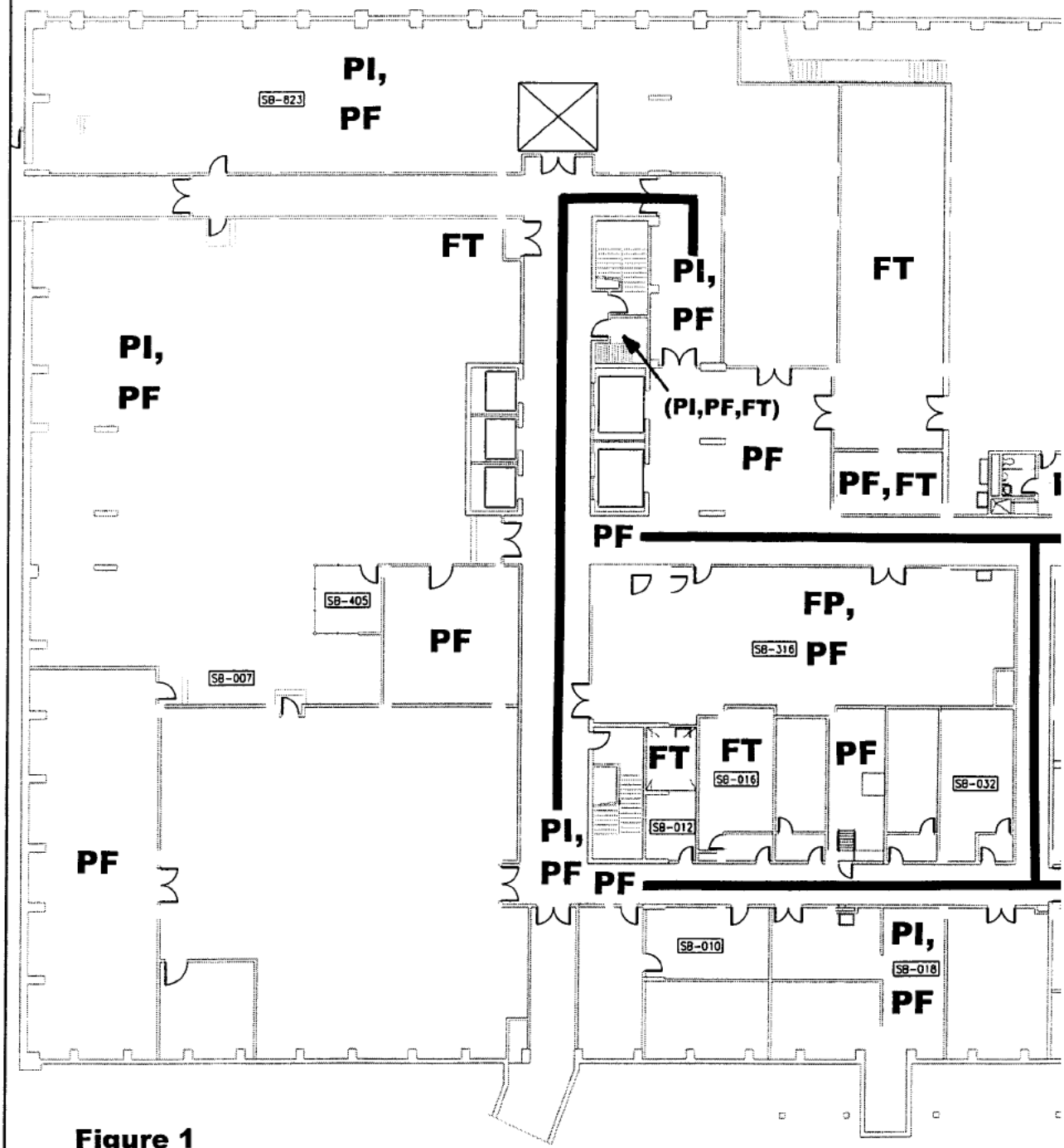
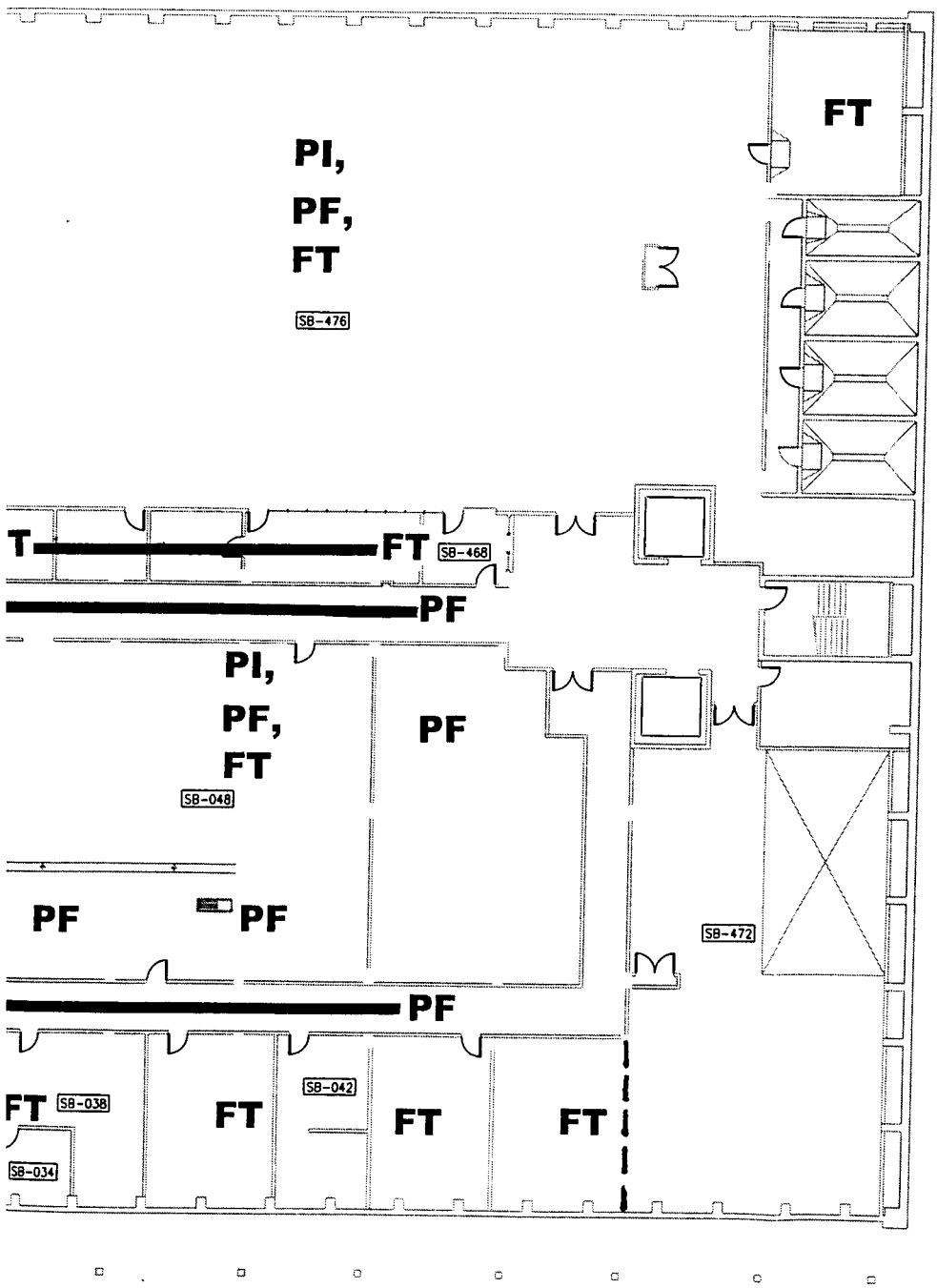


Figure 1

1 SUB-BASEMENT FLOOR PLAN - EXISTING



GENERAL SERVICES ADMINISTRATION

BOGGS & PARTNERS

MARK	DATE	DESCRIPTION

SCALE 1:100

A/E COM NO.	XX-00X-00-XXX-0000
A/E BIDS NO.	X-00-00-XX-0000
CONS. CONTR.	XX-00X-00-XXX-0000
CONS. WORK	X-00-00-XX-0000
PRIME A/E	BOGGS & PARTNERS ARCHITECTS
SUB A/E	XXXXXXXXX
CONSTR. CON.	XXXXXXXXX
NAME	FEDERAL OFFICE BUILDING NO. 3
STREET	XXXXXXXXX
CITY/ST/ZIP	WASHINGTON DC 00000-0000
BUILDING NO.	XXXXXXX
PIPER	XXXXXXX XXXXXXX XXXXXXX
BUILDING NO.	XXXXXXX XXXXXXX XXXXXXX
FACILITY CODE	XXXX
PROJECT	XXXXXXXXX
TITLE	XXXXXXXXX
PROJECT	XXXXXXXXX
DESCRIPTION	XXXXXXXXX
PROJECT NO.	XXXXXXX
CSA PM	XXXXXXXXX
SUBMISSION	XXX XXXXXXXXX
SUB. DATE	00/00/0000
DRAWING TITLE	SUB-BASEMENT FLOOR PLAN - EXISTING
FILE NAME	X_000XXX.DWG
FLOOR NO.	SUB-BASEMENT
DRAWN BY	XXX DATE DRAFTED 00/00/0000
CHECKED BY	XXX SHEET SIZE 914 X 1219
DRAWING NO.	EX 101PP
	DISCIPLINE SHEET TYPE SEQUENCE
	SHEET 000 OF 000

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Legend (general distribution of ACM depicted)

SS: White/Black Seam Sealant = 5,900 SF

PF: Pipe Fittings = 1,700 Each

BP: Black Pipe Mastic = 1,000 LF

FT: Vinyl Floor Tile/Mastic = 19,000 SF

PI:

TR:

CC:

RG:

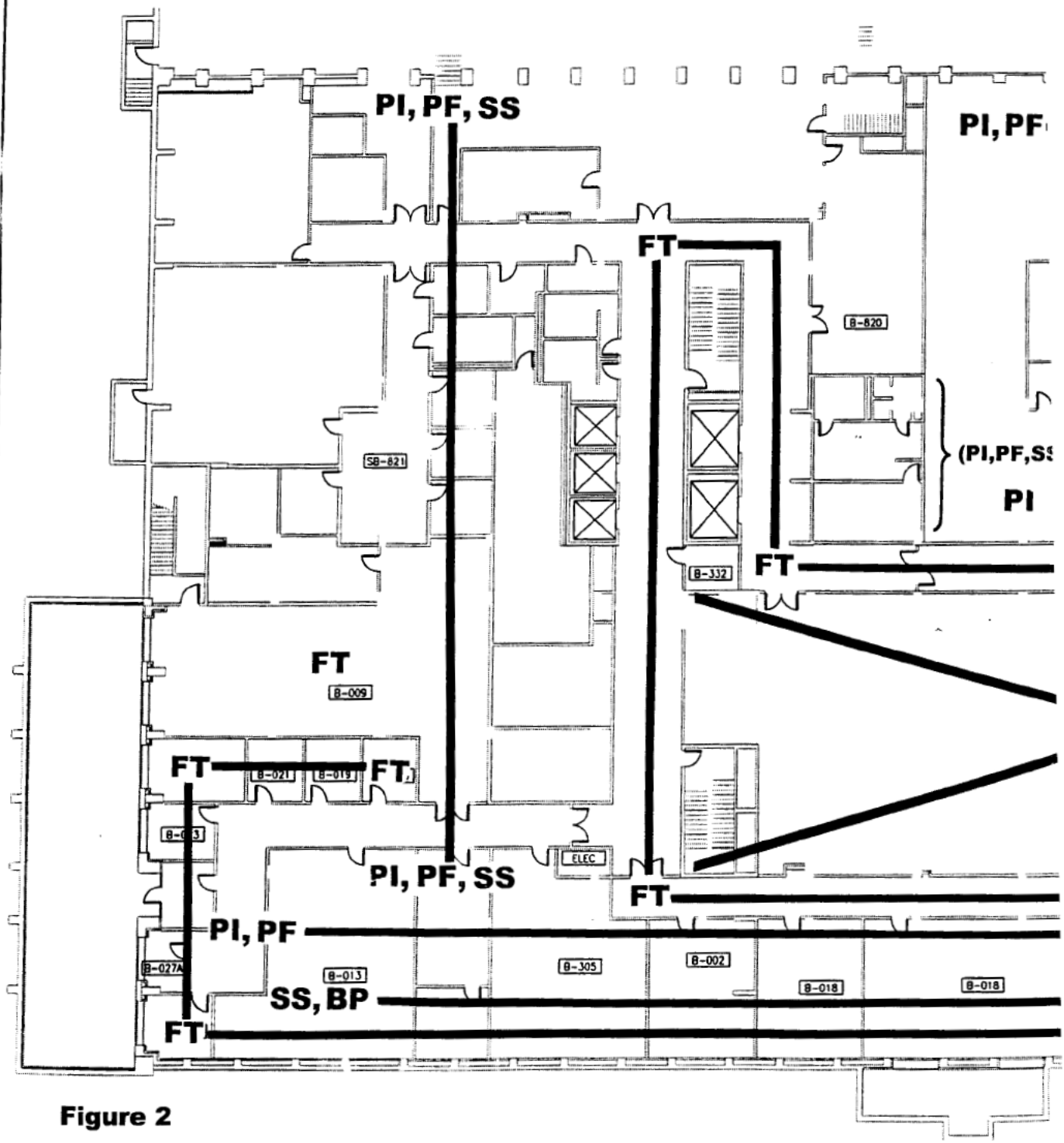
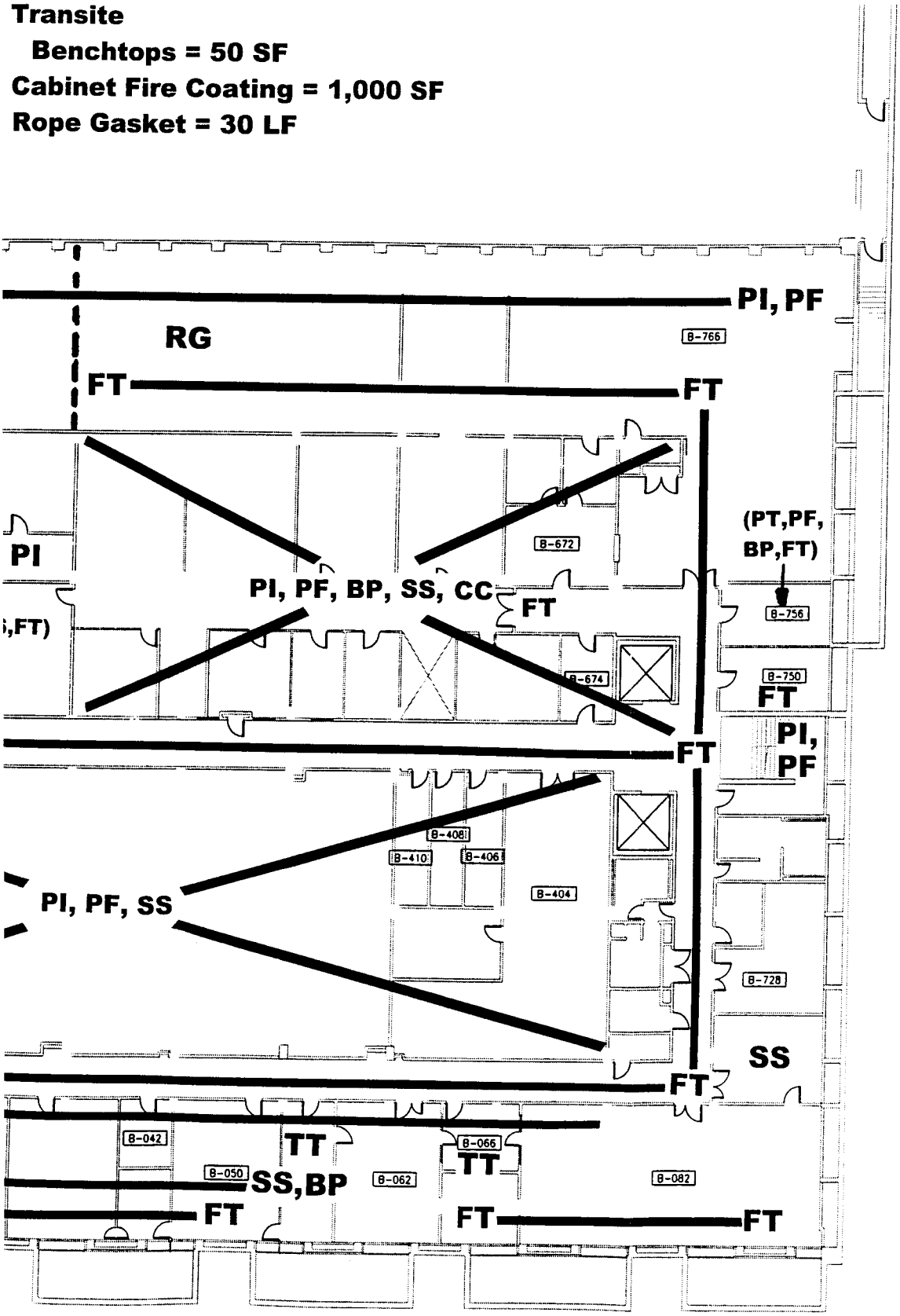


Figure 2

1 BASEMENT EXISTING PLAN

Pipe Insulation = 5,000 LF
Transite
Benchtops = 50 SF
Cabinet Fire Coating = 1,000 SF
Rope Gasket = 30 LF



Legend (general distribution of ACM depicted)

FP: Sprayed-on Fire Proofing = 500 SF

SS: White/Black Seam Sealant = 11,000 SF

PF: Pipe Fittings = 2,200 Each

BP: Black Pipe Mastic = 1,000 LF

FT: Vinyl Floor Tile/Mastic = 20,000 SF

PI: Pi

TR: T

CC: C

ED: E

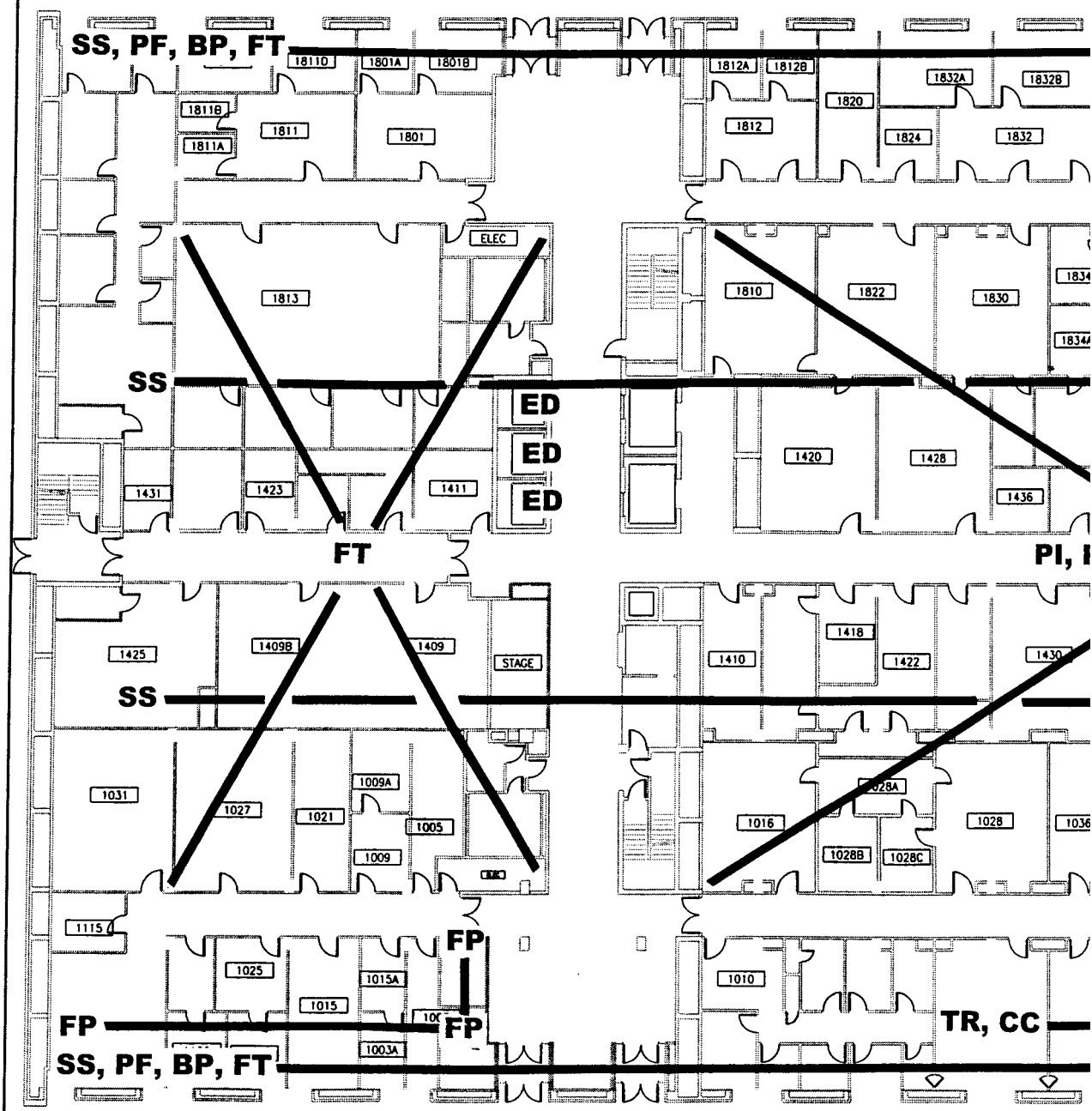
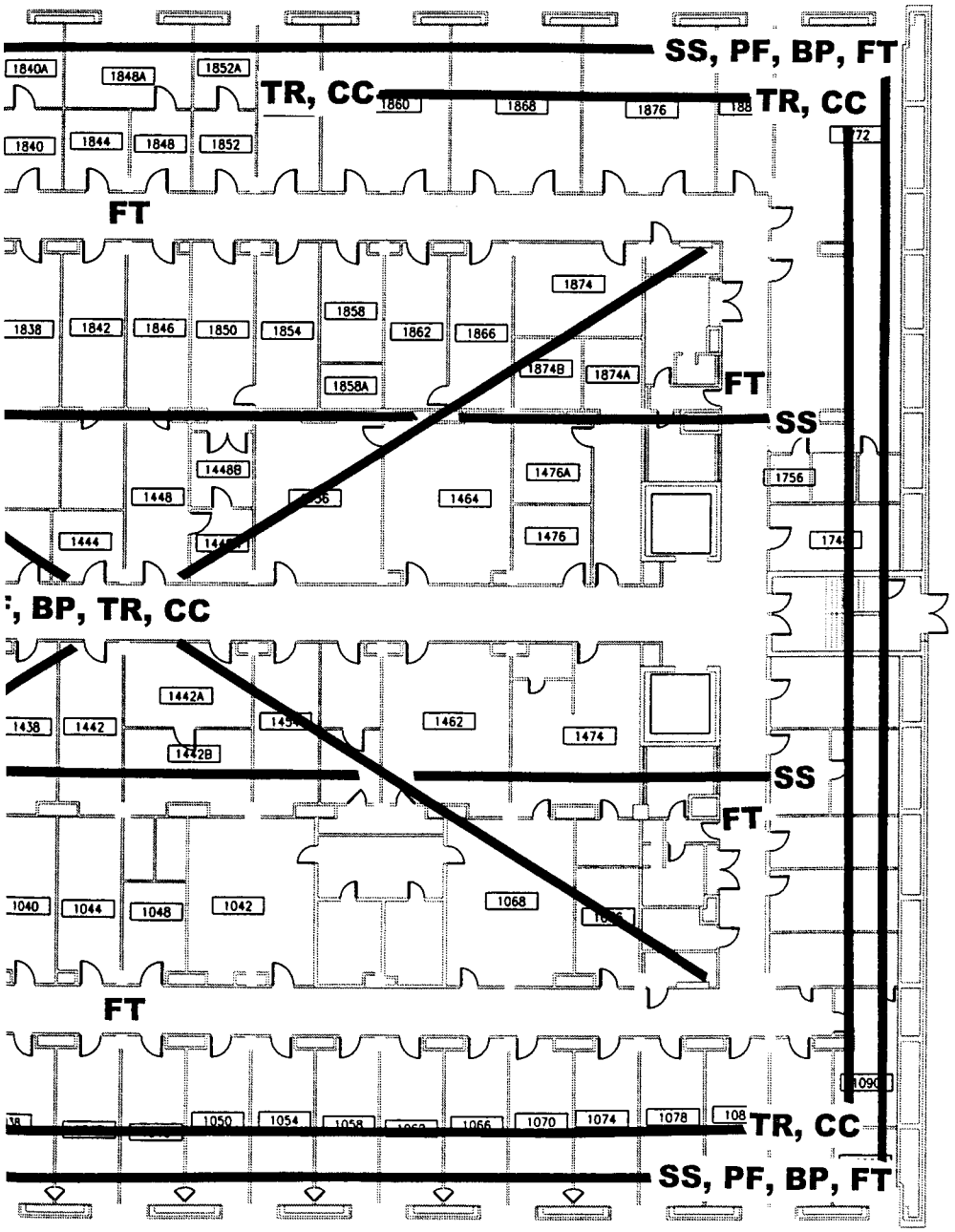


Figure 3

1 FIRST FLOOR PLAN - EXISTING

e Insulation = 800 LF
ansite
ume Hoods = 6,000 SF
enchtops = 10,000 SF
binet Fire Coating = 15,000 SF
evator Doors = 100 SF



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Legend (general distribution of ACM depicted)

SS: White/Black Seam Sealant = 15,000 SF

PF: Pipe Fittings = 1,600 Each

BP: Black Pipe Mastic = 1,000 LF

FT: Vinyl Floor Tile/Mastic = 35,000 SF

PI: Pi

TR: T

CC: C

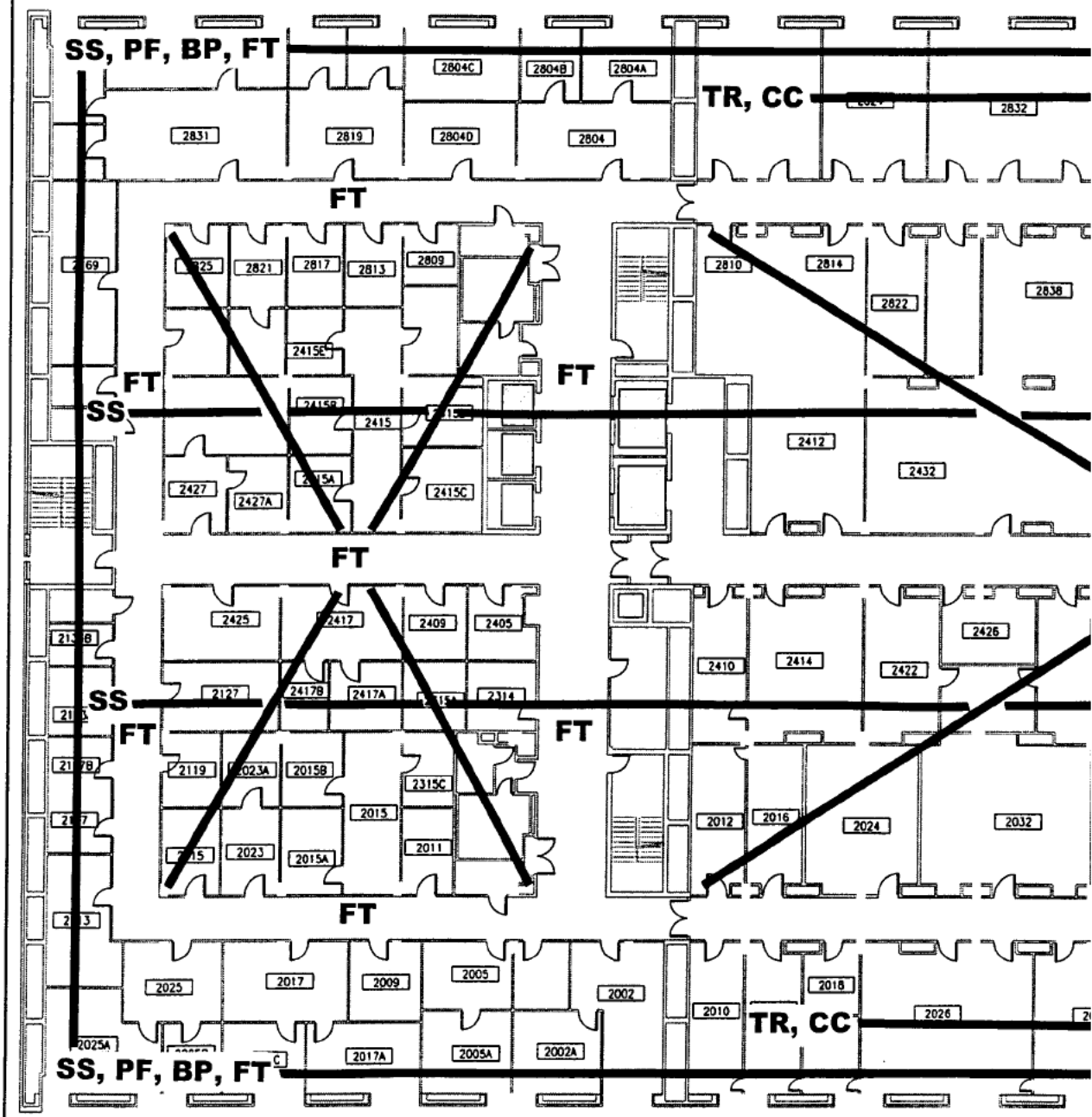
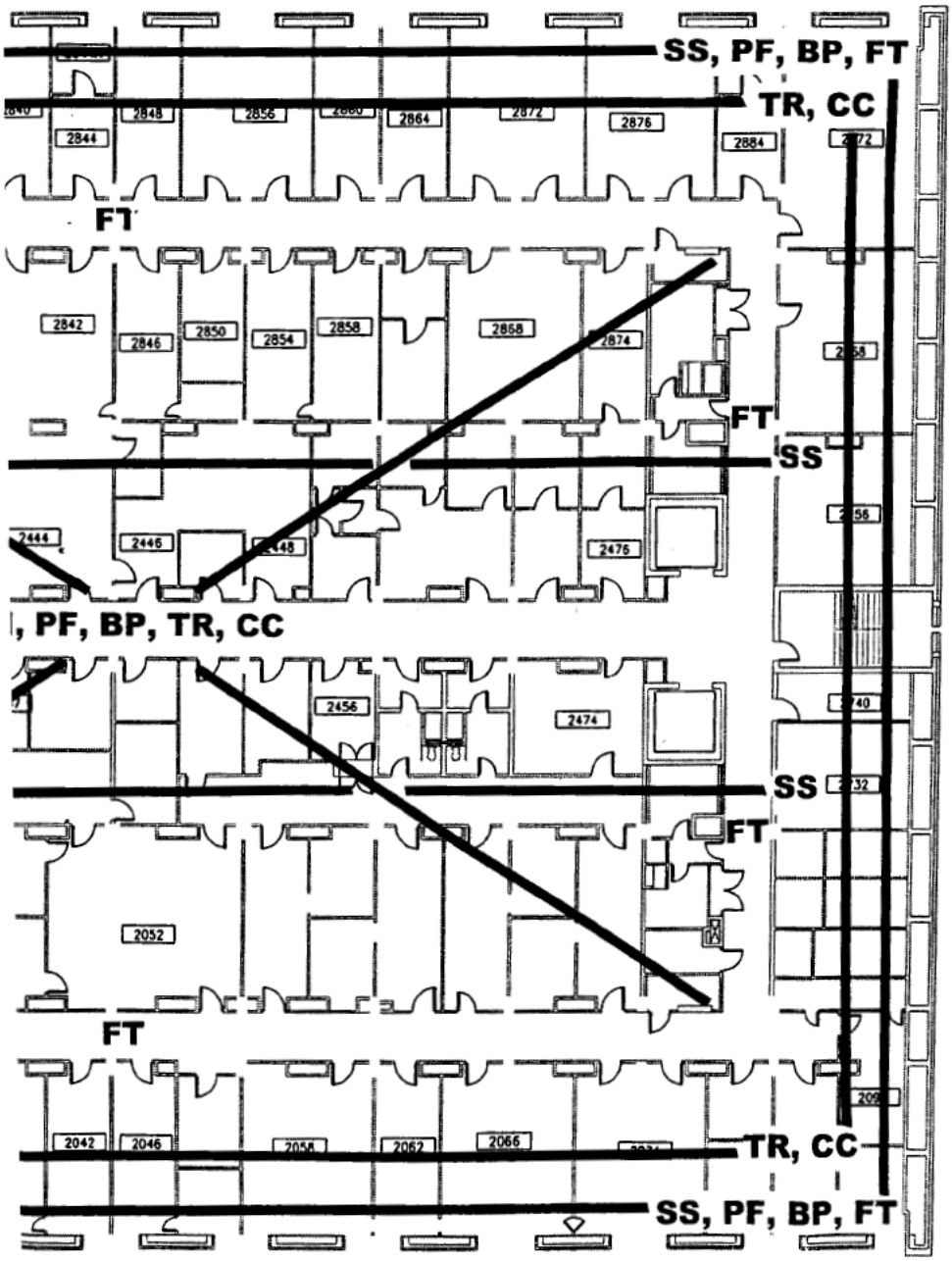


Figure 4

1 SECOND FLOOR PLAN - EXISTING

e Insulation = 800 LF
ansite
ume Hoods = 2,500 SF
enchtops = 6,000 SF
binet Fire Coating = 10,000 SF



GENERAL SERVICES ADMINISTRATION

BOGGS & FARNERS ARCHITECTS

CERTIFICATIONS

KEY PLAN

REVISION NOTES

MARK	DATE	DESCRIPTION

SCALE 1:100

A/E COM NO	[illegible]
A/E TASK NO	[illegible]
CONS. COMM.	[illegible]
CONS. WORK	[illegible]
PRIME A/E	BOGGS & FARNERS ARCHITECTS
SUB A/E	[illegible]
CONSTR. COM.	[illegible]
NAME	FEDERAL OFFICE BUILDING NO 8
STREET	[illegible]
CITY/ST./ZIP	WASHINGTON DC 00000-0000
BUILDING NO.	[illegible]
OTHER	[illegible]
BUILDING NO.	[illegible]
FACILITY CODE	[illegible]
PROJECT	[illegible]
TITLE	[illegible]
PROJECT	[illegible]
DESCRIPTION	[illegible]
PROJECT NO.	[illegible]
CSA PM	[illegible]
SUBMISSION	[illegible]
SUB. DATE	[illegible]
DRAWING TITLE	SECOND FLOOR PLAN - EXISTING
FILE NAME	[illegible]
FLOOR NO.	[illegible]
DRAWN BY	[illegible]
CHECKED BY	[illegible]
DRAWING NO.	EX 105 PP

DISCIPLINE SHEET TYPE SEQUENCE
SHEET 000 OF 000

Legend (general distribution of ACM depicted)

SS: White/Black Seam Sealant = 15,000 SF

PF: Pipe Fittings = 2,400 Each

BP: Black Pipe Mastic = 800 LF

FT: Vinyl Floor Tile/Mastic = 35,000 SF

PI: Pi

TR: T

CC: C

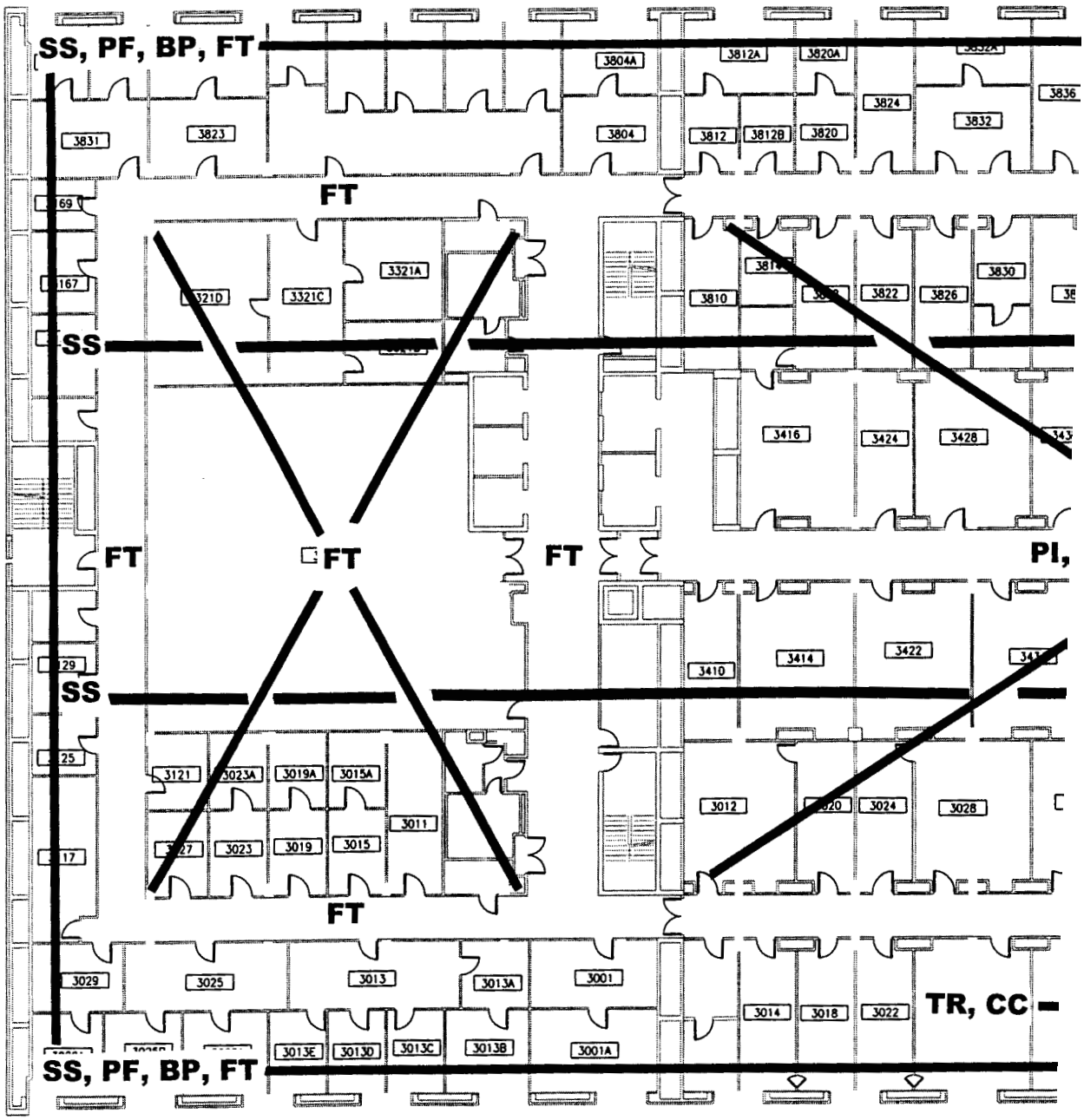
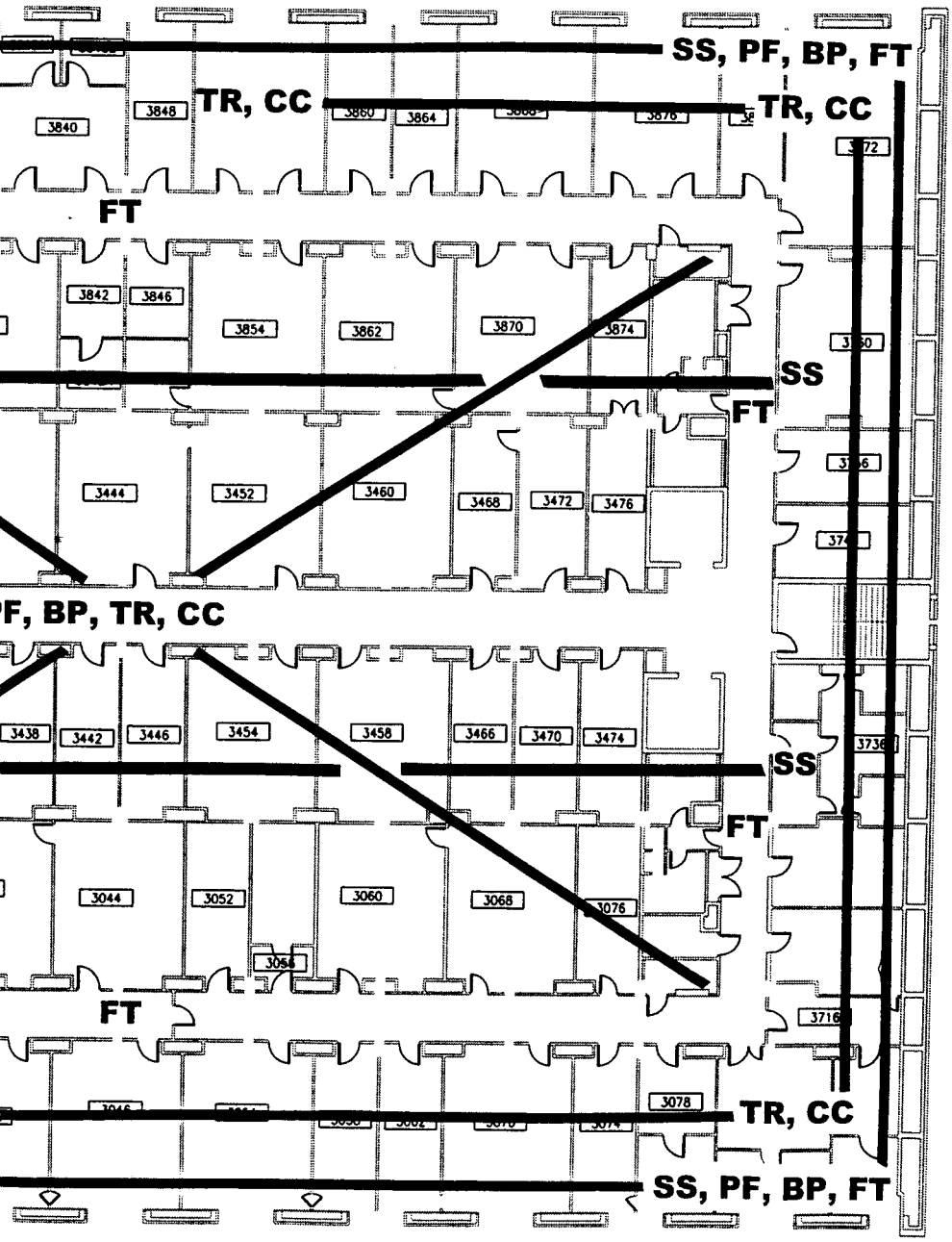


Figure 5

1 THIRD FLOOR PLAN - EXISTING

pe Insulation = 950 LF
ransite
Fume Hoods = 3,700 SF
Benchtops = 13,200 SF
abinet Fire Coating = 14,000 SF



GENERAL SERVICES ADMINISTRATION

BOGGS & PARTNERS

CERTIFICATIONS

KEY PLAN

REVISION NOTES

MARK	DATE	DESCRIPTION

GRAPHIC SCALE

SCALE 1:100

CONTRACTORS

A/E CON NO	XX-XXX-XX-XXX-XXXX
A/E TASK NO	X-XX-XX-XX-XXXX
CONS. CONTR.	XX-XXX-XX-XXX-XXXX
CONS. WORK	X-XX-XX-XX-XXXX
PRIME A/E	BOGGS & PARTNERS ARCHITECTS
SUB A/E	XXXXXXXXX
CONSTR. CON.	XXXXXXXXX

BUILDING

NAME	FEDERAL OFFICE BUILDING NO 8
STREET	XXXXXXXXX
CITY/ST/ZIP	WASHINGTON DC 00000-0000
BUILDING NO.	XXXXXXXX
OTHER	XXXXXXXX XXXXXXXX XXXXXXXX
BUILDING NO.	XXXXXXXX XXXXXXXX XXXXXXXX
FACILITY CODE	XXXX

PROJECT

PROJECT	XXXXXXXXX
TITLE	XXXXXXXXX
PROJECT	XXXXXXXXX
DESCRIPTION	XXXXXXXXX
PROJECT NO.	XXXXXXXX
CSA PM	XXXXXXXXX
SUBMISSION	XXX XXXXXXXXX
SUB. DATE	00/00/0000

DRAWING

DRAWING TITLE	THIRD FLOOR PLAN - EXISTING
FILE NAME	X_XXXXXXXXX
FLOOR NO.	03
DRAWN BY	XXX DATE DRAFTED 00/00/0000
CHECKED BY	XXX SHEET SIZE 914 X 1219
DRAWING NO	EX 106 PP

DISCIPLINE SHEET TYPE SEQUENCE

SHEET 000 OF 000

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Legend (general distribution of ACM depicted)

SS: White/Black Seam Sealant = 13,000 SF

PF: Pipe Fittings = 2,500 Each

BP: Black Pipe Mastic = 700 LF

FT: Vinyl Floor Tile/Mastic = 51,000 SF

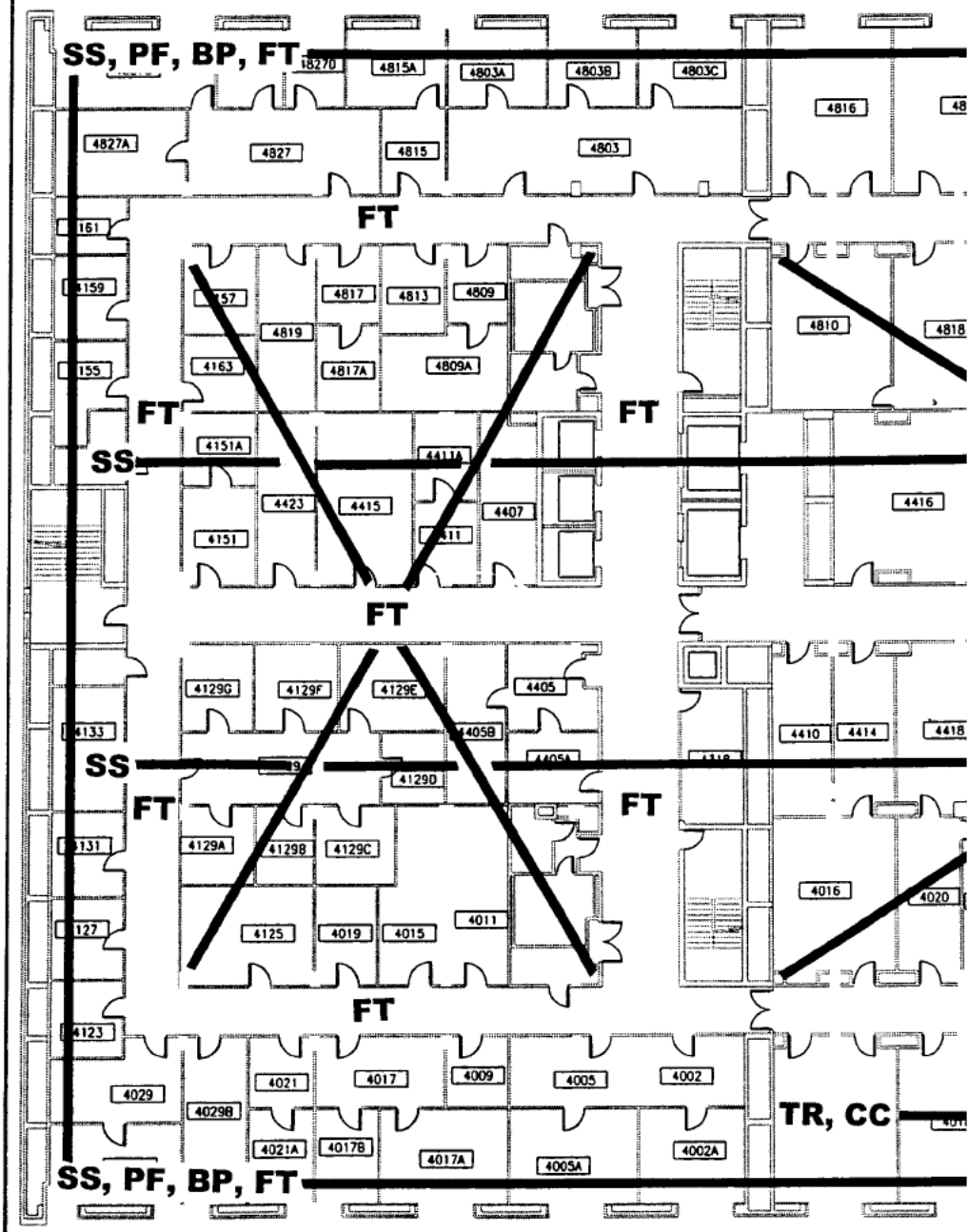


Figure 6

1 FOURTH FLOOR PLAN - EXISTING

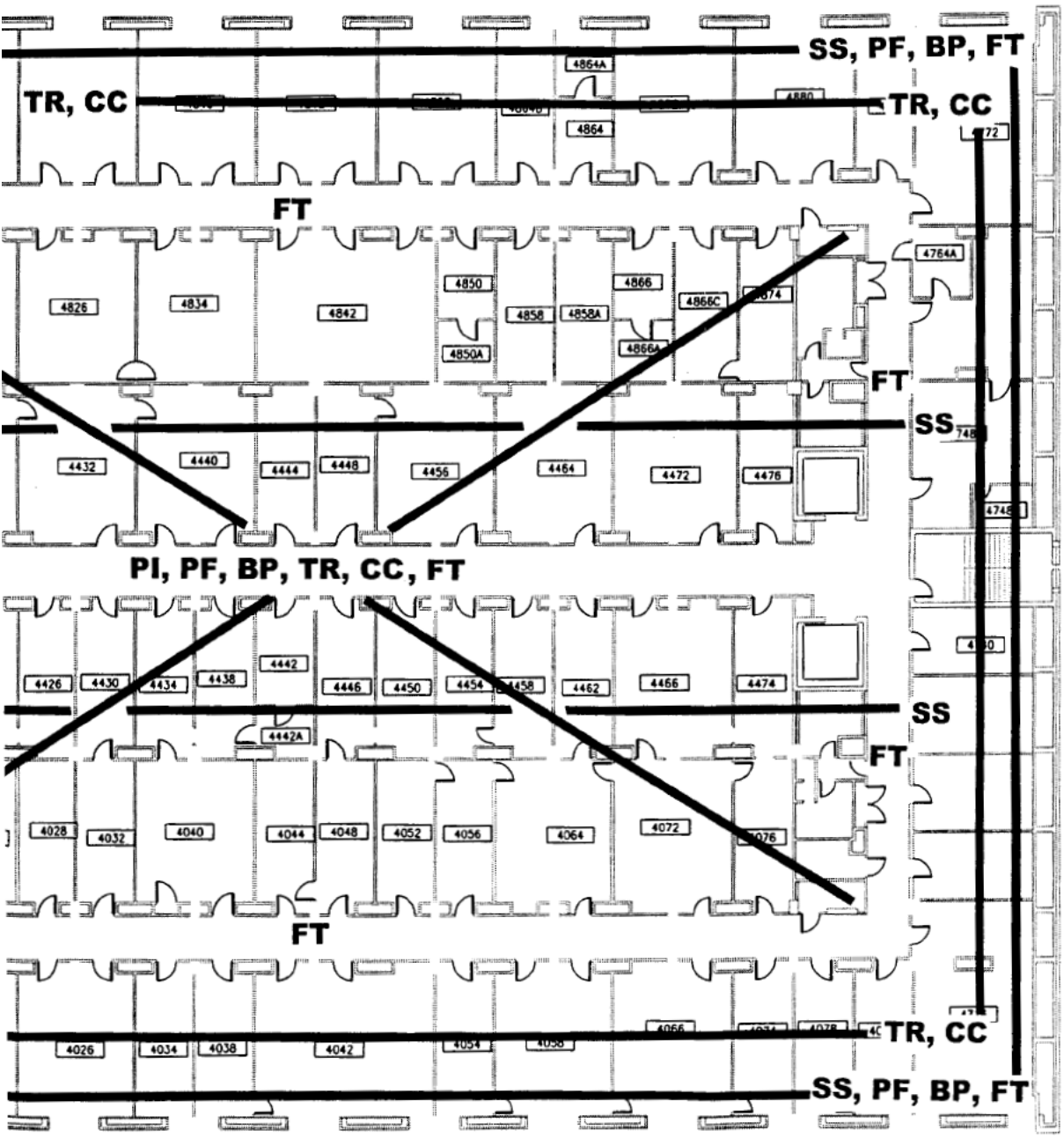
PI: Pipe Insulation = 800 LF

TR: Transite

Fume Hoods = 9,800 SF

Benchtops = 8,700 SF

CC: Cabinet Fire Coating = 16,000 SF



GENERAL SERVICES ADMINISTRATION

BOGGS & PARTNERS ARCHITECTS

EX 107 PP

Legend (general distribution of ACM depicted)

SS: White/Black Seam Sealant = 13,000 SF

PF: Pipe Fittings = 1,500 Each

BP: Black Pipe Mastic = 1,100 LF

FT: Vinyl Floor Tile/Mastic = 35,000 SF

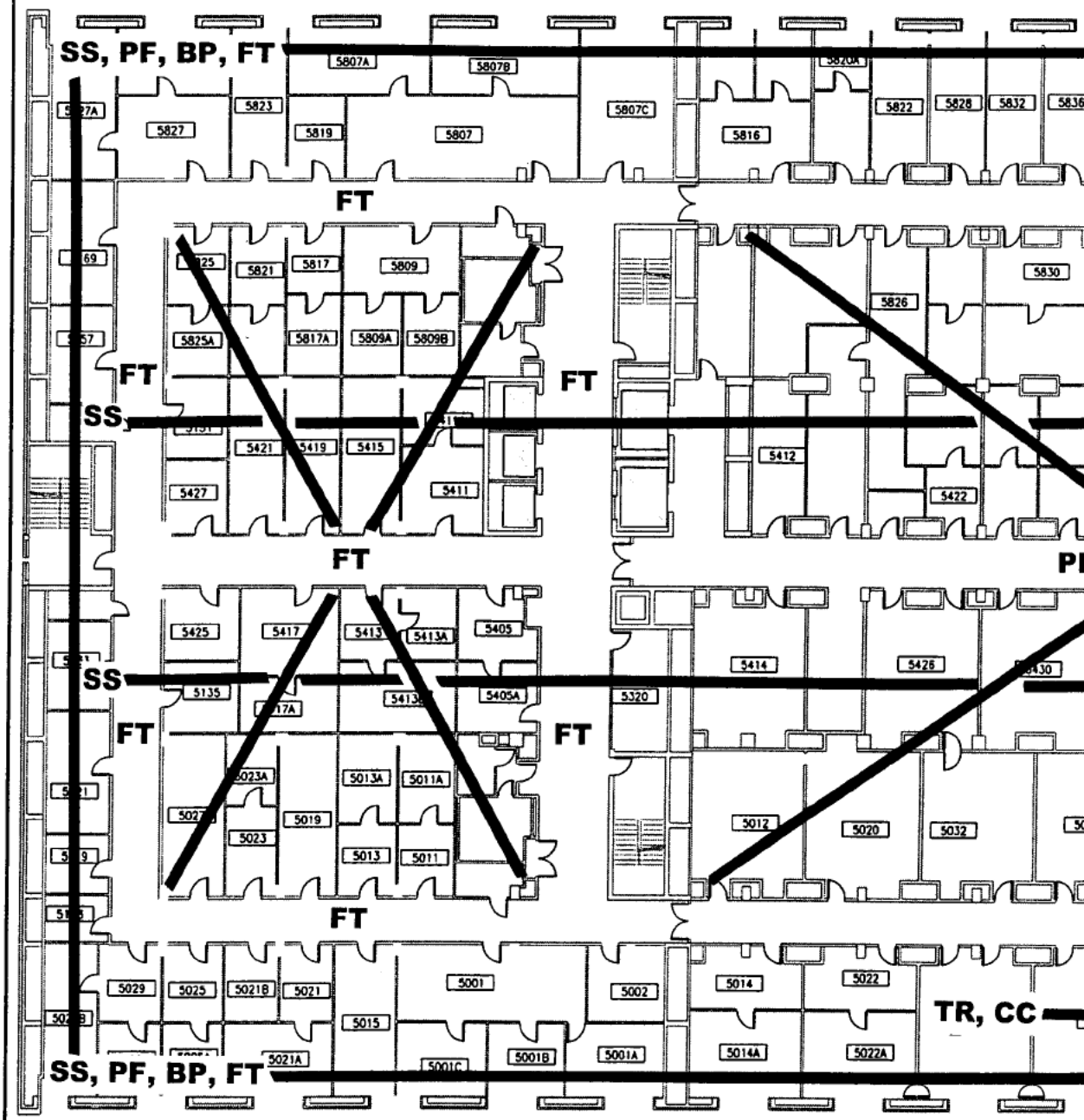
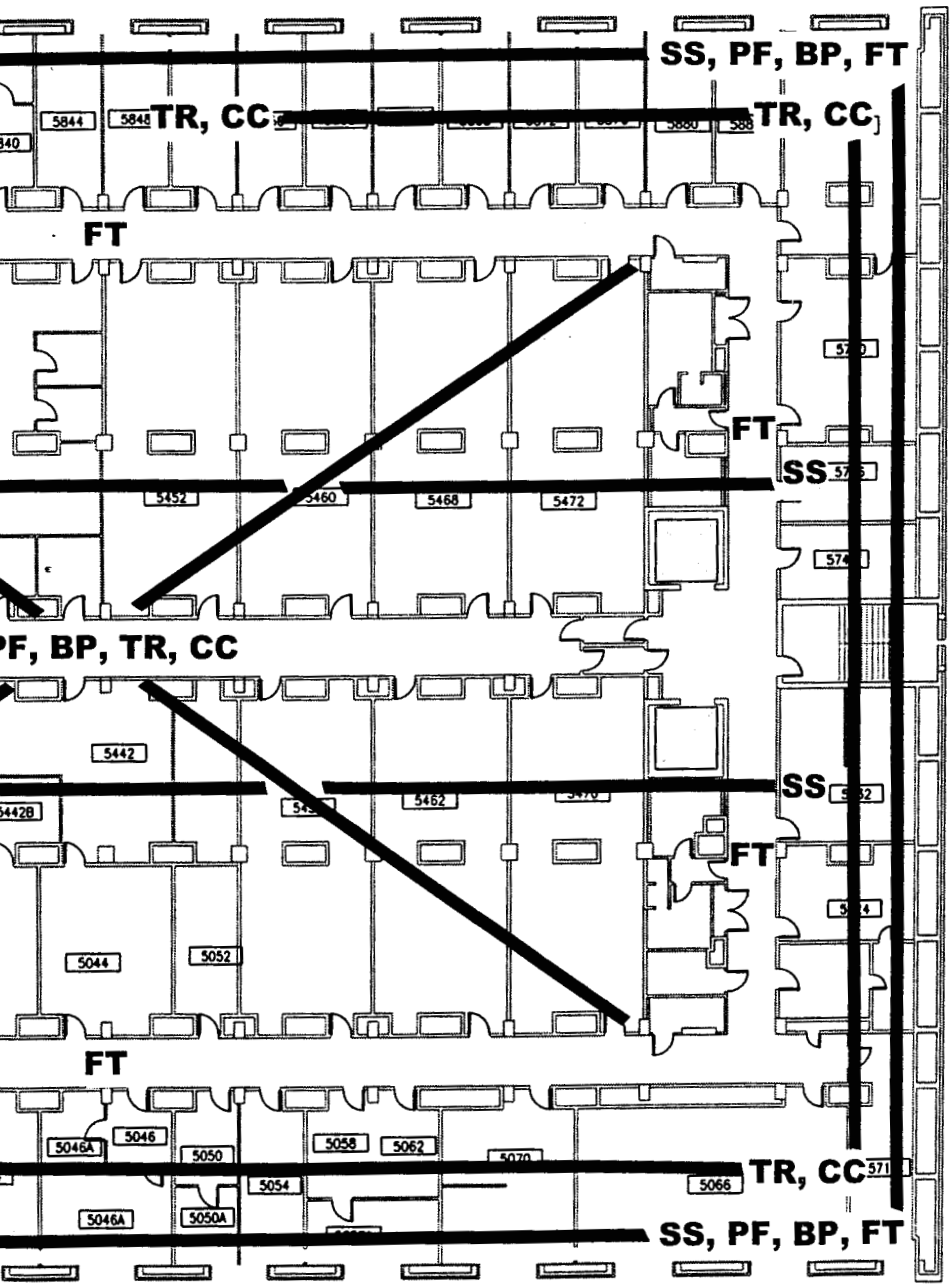


Figure 7

1 FIFTH FLOOR PLAN - EXISTING

ipe Insulation = 1,300 LF
Transite
Fume Hoods = 2,200 SF
Benchtops = 5,500 SF
Cabinet Fire Coating = 4,000 SF



GENERAL SERVICES ADMINISTRATION

BOGGS & PARTNERS

MARK	DATE	DESCRIPTION

SCALE 1:100

A/E CON. NO.	XX-00X-00-XXX-0000
A/E TASK NO.	X-00-00-XX-0000
CONS CONTR.	XX-00X-00-XXX-0000
CONS WORK	X-00-00-XX-0000
PRIME A/E	BOGGS & PARTNERS ARCHITECTS
SUB A/E	XXXXXXXXX
CONSTR CON.	XXXXXXXXX
NAME	FEDERAL OFFICE BUILDING NO 8
STREET	XXXXXXXXX
CITY/ST./ZIP	WASHINGTON DC 00000-0000
BUILDING NO.	XXXXXXX
OWNER	XXXXXXX XXXXXXX XXXXXXX
BUILDING NO.	XXXXXXX XXXXXXX XXXXXXX
FACILITY CODE	XXXX
PROJECT	XXXXXXXXX
DATE	XXXXXXXXX
PROJECT	XXXXXXXXX
DESCRIPTION	XXXXXXXXX
PROJECT NO.	XXXXXXXX
CSA PM	XXXXXXXXX
SUBMISSION	XXX XXXXXXXXX
SUB. DATE	00/00/0000
DRAWING TITLE	FIFTH FLOOR PLAN - EXISTING
FILE NAME	X_00XXXX.DWG
FLOOR NO.	05
DRAWN BY	XXX DATE DRAFTED: 00/00/0000
CHECKED BY	XXX SHEET SIZE: 814 X 1219
DRAWING NO.	EX 108 PP
	DISCIPLINE SHEET TYPE SEQUENCE
	SHEET 000 OF 000

CERTIFICATIONS

KEY PLAN

REVISION NOTES

GRAPHIC SCALE

CONTRACTORS

BUILDING

PROJECT

DRAWING

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Legend (general distribution of ACM depicted)

SS: White/Black Seam Sealant = 13,000 SF

PF: Pipe Fittings = 1,500 Each

BP: Black Pipe Mastic = 1,000 LF

FT: Vinyl Floor Tile/Mastic = 35,000 SF

PI:

TR:

CC:

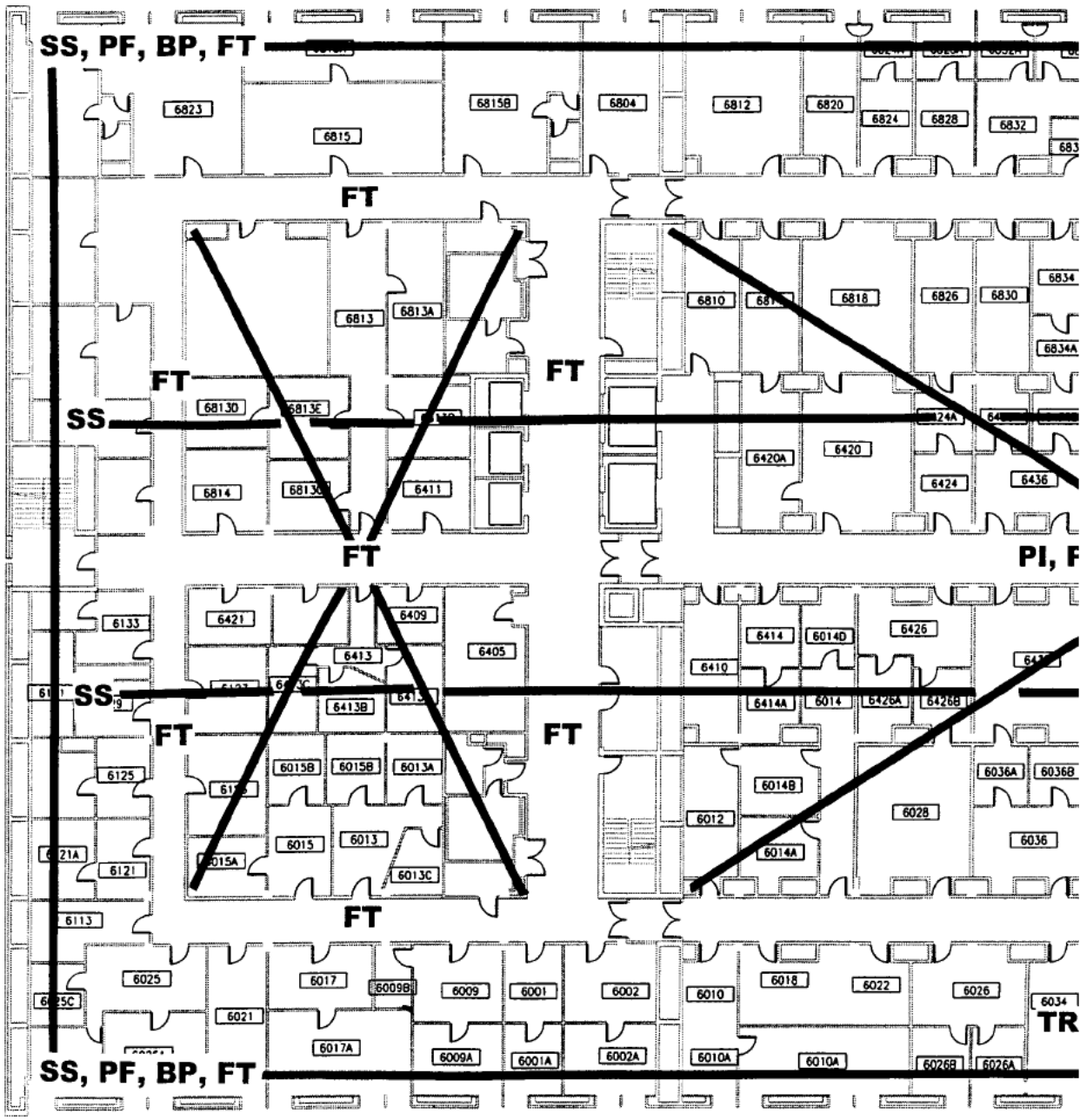
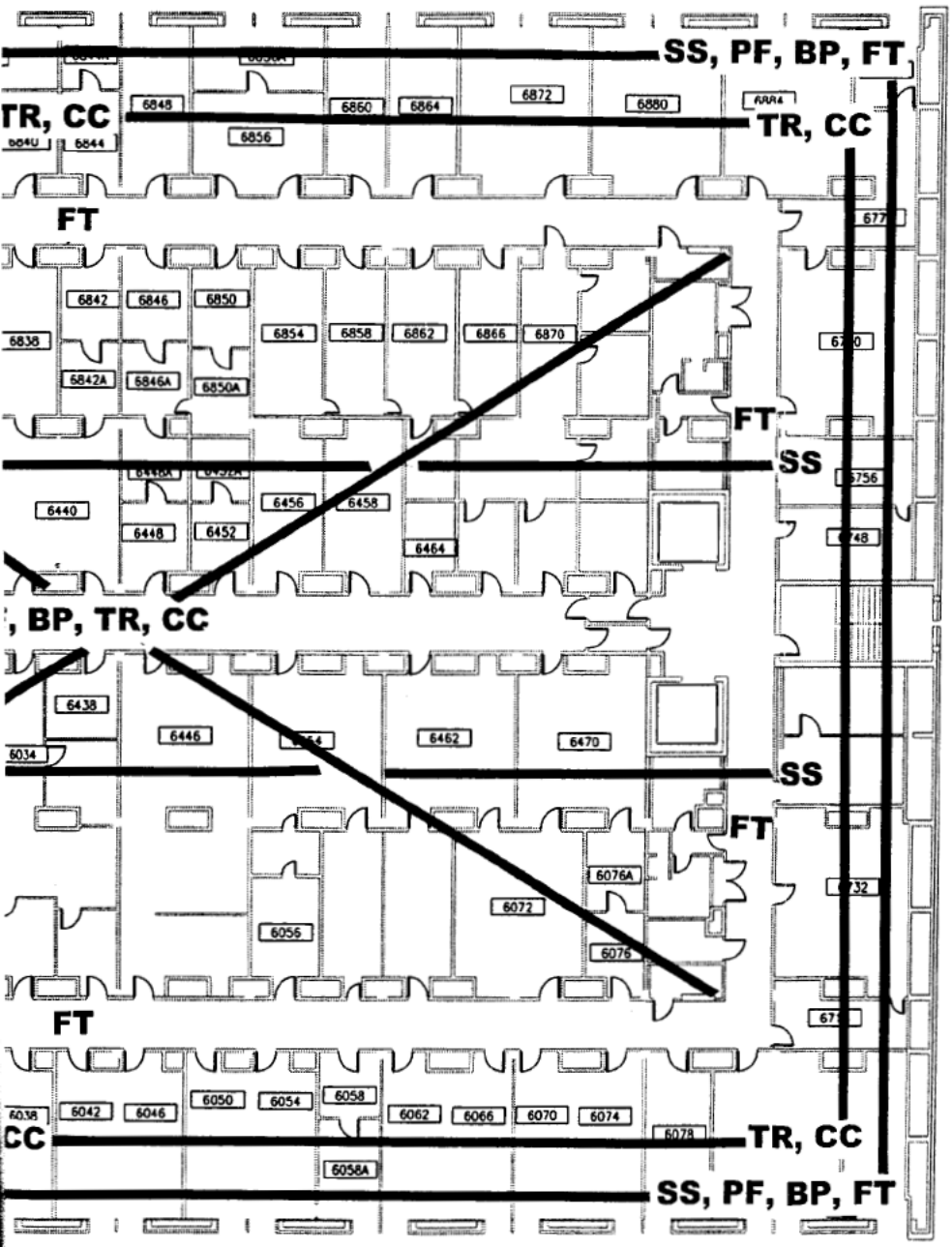


Figure 8

1 SIXTH FLOOR PLAN - EXISTING

ipe Insulation = 150 LF
'ransite
Fume Hoods = 2,200 SF
Benchtops = 5,300 SF
:abinet Fire Coating = 2,700 SF



GENERAL SERVICES ADMINISTRATION

GOGGS & PARTNERS ARCHITECTS

KEY PLAN

MARK	DATE	DESCRIPTION

DRAWING NOTES

DRAWING SCALE

A/E CONT. NO	[illegible]
A/E WORK NO.	[illegible]
CONS. CONTR.	[illegible]
CONS. WORK	[illegible]
PRIME A/E	GOGGS & PARTNERS ARCHITECTS
SUB A/E	[illegible]
CONSTR. CON	[illegible]
NAME	FEDERAL OFFICE BUILDING NO. 2
STREET	[illegible]
CITY/ST./ZIP	WASHINGTON DC 20090-5000
NAR/DESC. NO.	[illegible]
DRAWN	[illegible] [illegible] [illegible]
BUILDING MGR	[illegible] [illegible] [illegible]
TRACKING CODE	[illegible]
PROJECT	[illegible]
TITLE	[illegible]
PROJECT	[illegible]
DESCRIPTION	[illegible]
PROJECT NO	[illegible]
CGA PM	[illegible]
SUBMISSION	[illegible]
SUB DATE	[illegible]
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FILE NAME	[illegible]
FLOOR NO.	[illegible]
DRAWN BY	[illegible] DATE DRAWN [illegible]
CHECKED BY	[illegible] SHEET SIZE [illegible]
DRAWING NO	EX 109 PP
DRAWING NO.	SHEET TITLE SUBMITTED
SHEET	[illegible] OF [illegible]

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Legend (general distribution of ACM depicted)

PI: Pipe Insulation = 1,000 LF

PF: Pipe Fittings = 300 Each

HD: Air Handling Duct Insulation = 36,000 SF

HI: Fume Hood Insulation = 450 Square Feet

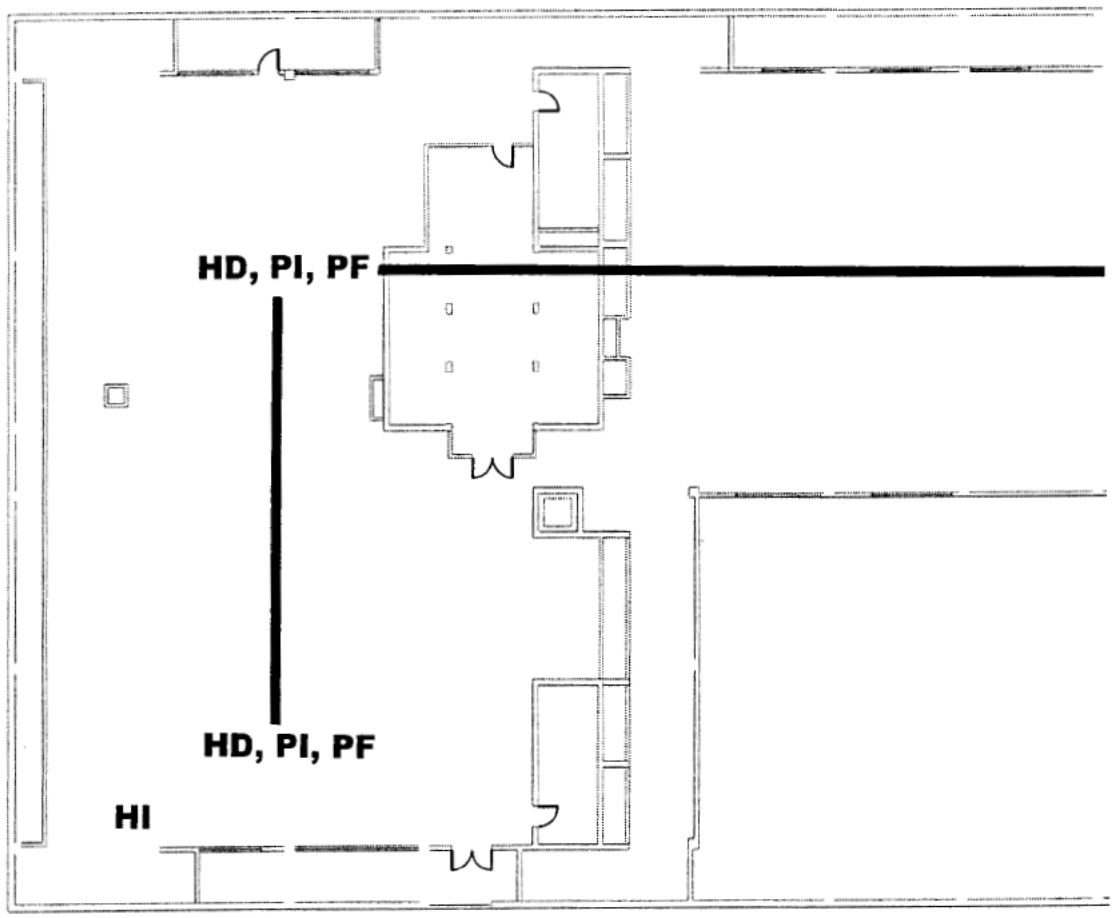
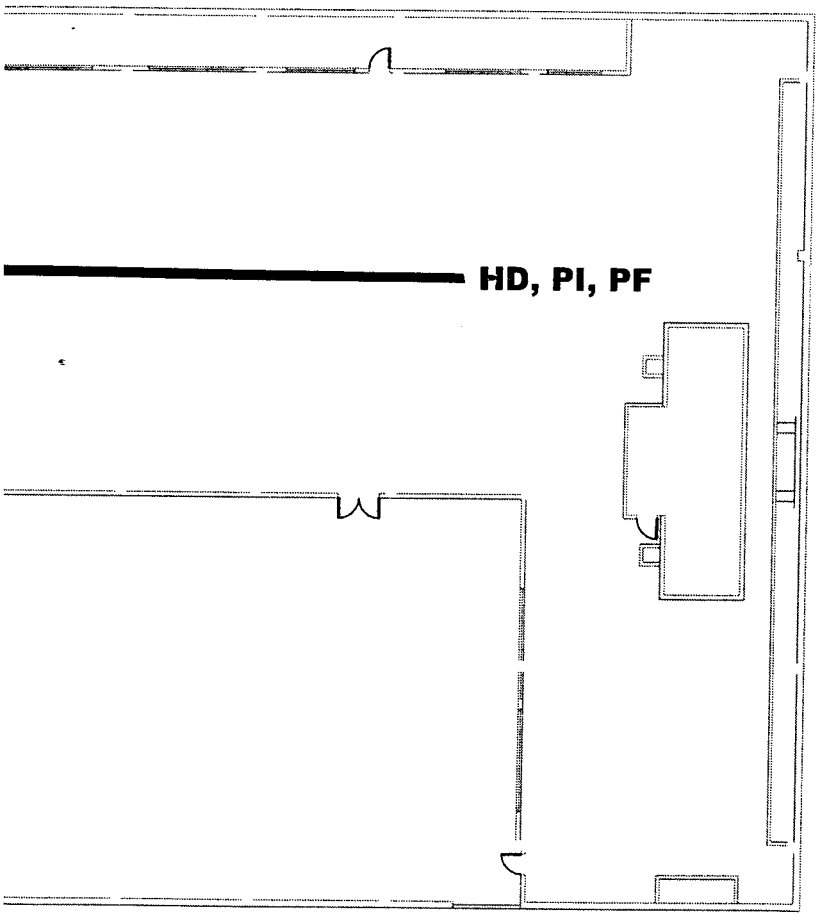


Figure 9

1 PENTHOUSE FLOOR PLAN - EXISTING



GENERAL SERVICES ADMINISTRATION
XXXXXXXXXX
XXXXXXXXXX
XXXXXXXXXX
XXXXXXXXXX

BOGGS & PARTNERS
ARCHITECTS

CERTIFICATIONS

KEY PLAN

MARK	DATE	DESCRIPTION

SCALE 1:100

A/E CONT NO	XX-00X-00-XXX-0000
A/E TASK NO.	X-00-00-XX-0000
[illegible] CONTR	XX-00X-00-XXX-0000
[illegible] WORK	X-00-00-XX-0000
PRIME A/E	BOGGS & PARTNERS ARCHITECTS
TOTAL A/E	XXXXXXXXXX
[illegible] CONT	XXXXXXXXXX
NAME	FEDERAL OFFICE BUILDING NO 6
STREET	XXXXXXXXXX
CITY/ST/ZIP	WASHINGTON DC 00000-0000
BUILDING NO.	XXXXXXXX
OTHER	XXXXXXXX XXXXXXXX XXXXXXXX
BUILDING NO.	XXXXXXXX XXXXXXXX XXXXXXXX
FACILITY CODE	XXXX
PROJECT	XXXXXXXXXX
TITLE	XXXXXXXXXX
PROJECT	XXXXXXXXXX
DESCRIPTION	XXXXXXXXXX
PROJECT NO.	XXXXXXXX
CSA FIN	XXXXXXXXXX
SUBMISSION	XXX XXXXXXXXXX
SUB. DATE	00/00/0000
DRAWING TITLE	PENTHOUSE FLOOR PLAN - EXISTING
[illegible]	X_00000.DWG
[illegible]	PENTHOUSE
DRAWN BY	XXX DATE DRAFTED 00/00/0000
CHECKED BY	XXX SHEET SIZE 914 X 1219
DRAWING NO.	EX 110 PP
	DISCIPLINE SHEET TYPE SEQUENCE
	SHEET 000 OF 000

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Federal Office Building No. 8
Building Renovation for General Services Administration
Washington, DC

Building Survey Report – Environmental Hazards

May 16, 2003

SUPPORTING DOCUMENTATION

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Federal Office Building No. 8
Building Renovation for General Services Administration
Washington, DC

Building Survey Report – Environmental Hazards

May 16, 2003

Certifications

- Asbestos Inspector Certifications
- Hygienetics Laboratory NVLAP Accreditation Certificate
- LBP XRF Inspector Certifications

AEROSOL MONITORING & ANALYSIS, INC.

THIS IS TO CERTIFY THAT

WILLIAM DALLAS

HAS MET THE ATTENDANCE REQUIREMENTS AND SUCCESSFULLY COMPLETED
THE COURSE ENTITLED

8-HR EPA AHERA INSP/MGMT PLANNER RECERTIFICATION

For Accreditation Under TSCA Title II.

3/26/2003	3/25/2004	3/26/2003
COURSE DATE	*EXPIRATION DATE*	*EXAM DATE*
E. RUSH BARNETT E. Rush Barnett	MD-066212	
COURSE DIRECTOR	*CERTIFICATE NO.*	

1331 Ashton Road P.O. Box 646 Hanover, MD 21076 410-684-3327 FAX: 410-684-3724

ALEX BAYLOR
Name
Signature
HAS ATTENDED AND PASSED THE EXAM IN AN ASBESTOS TRAINING COURSE ENTITLED:
8-HR EPA AHERA INSP/MGMT PLANNER RECERTIFICATION
Course Name
FOR ACCREDITATION UNDER TSCA TITLE II.

Course Date(s)	Expiration Date	Exam Date
24-Jul-02	24-Jul-03	24-Jul-02

NO. 062102

[redacted] (STATE SEAL IS BLUE)

AMA STATE OF MARYLAND

ROSOL MONITORING & ANALYSIS, INC.

THIS IS TO CERTIFY THAT

ALEX BAYLOR

HAS MET THE ATTENDANCE REQUIREMENTS AND SUCCESSFULLY COMPLETED THE COURSE ENTITLED

8-HR EPA AHERA INSP/MGMT PLANNER RECERTIFICATION

FOR ACCREDITATION UNDER TSCA TITLE II.

07/24/2002	07/24/2003	07/24/2002
COURSE DATE	*EXPIRATION DATE*	*EXAM DATE*
E. RUSH BARNETT	MD-062102	
COURSE DIRECTOR	*CERTIFICATE NO.*	

1331 Ashton Road P.O. Box 646 Hanover, MD 21076 410-684-3327 FAX: 410-684-3724

National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Scope of Accreditation

BULK ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 101147-0**

HYGIENETICS LABORATORY SERVICES
98 North Washington Street
Boston, MA 02114
Mr. Bryan Clark
Phone: 617-589-0660 Fax: 617-742-4285
E-Mail: hygieneticslab@aol.com

NVLAP Code	*Designation*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

June 30, 2003

Effective through

David F. Alderman

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Certificate of Accreditation

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

HYGIENETICS LABORATORY SERVICES

BOSTON, MA

is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 2003

Effective through

David F. Alderman

For the National Institute of Standards and Technology

NVLAP Lab Code: 101147-0

Department of Health Environmental Health Administration
Bureau of Hazardous Material and Toxic Substances
Lead Poisoning Prevention Division

COMPANY: **EATA, Inc.**

CLASS CODE: **BE**

EXP. DATE: **9/6/03**

CARD NO.: **DC02-614**

Department of Health Environmental Health Administratio
Bureau of Hazardous Material and Toxic Substances
Lead Poisoning Prevention Division

NAME: **Edward O Beck, Jr.**

DOB: **04/06/47**

CLASS CODE:

CARD NO.: **DC02-613**

EXP. DATE: **9/6/04**

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Health Environmental Health Administration
Bureau of Hazardous Materials and Toxic Substances
Lead Poisoning Prevention Division

NAME: Edward Beck

DOB: 04-06-47

CLASS CODE: PD

EXP. DATE:

CARD NO.: DC01-1289

DEPUTY DIRECTOR

Edward Beck

SIGNATURE OF BEARER

From Bruce Reynolds

Rosser, Constance

From: Rosser, Constance
Sent: Tuesday, February 04, 2003 12:52 PM
To: 'Maria Pantin'
Cc: Wright, Ronald; Demers, Donald E; Waddick, Doris E; Rosser, Constance; Reed, Elizabeth
Subject: RE GSA Contractors-Boggs XRF Device

Importance: High

Ed, can you fill this out & fax it back - Thanks

Ms. Pantin,

I have been unsuccessful in reaching the Boggs' Contractor as it relates to the XRF device. The Security Staff at Federal Building 8 have been instructed to notify me upon their arrival. I will need documentation to validate the following information:

General/Specific License Number MD-33-140-01, expiration Date 7/31/07.

a. **Equipment:** Niton XRF unit , serial number : U892, leak test date: 9/5/02 Radioactive source: Cd-109 (mCi).??, serial number: NR0692 40 mCi

b. **Authorized Use:** Company General/License Item #9

c. **Location:** Same as b.

d. **Responsible Individual:** Phone: , FAX: Edward Beck 301-856-0390 Ph 301-856-5496 FAX NA

e. **Conditions:** A shipping certificate must be included in the shipment. A copy of the manufacturer's general license, owner's general license, and a copy of leak test results within the past six months.

Your assistance is greatly appreciated.

Constance

TOTAL P.02

Valley Safety Services Associates
330 Old Enfield Road, Belchertown, MA 01007
(413) 323-9571

Source/Device Description

Source tested prior to installation ☑

XRF Serial Number: V892 Source Number: NR0697 Activity: 40 mCi

Device: XRF Analyzer Make/Model : XL 300, 700 or 800 series Manuf: Niton

Radioisotope: Cd 109 Source Model # : XFB3205 Manufacturer: IPL

The leak testing of this source/device was performed as indicated in manufacturer recommendations for LT-952 kit instructions using kit # 981648

by: Joseph Meyer Date: 9/4/02

Company Name: Niton Corporation (Ken Martin, RSO)
Address: 1130 Ten Rod Road – Suite C-207
North Kingstown, RI 02852
Telephone: (401) 294-1234 Fax: (401) 295-2090

Do Not Write Below This Line

Leak Test Analysis Result
for above source/device

Analysis of the above test on 5 Sept 02 yielded the following:

☒ Statistical analysis of the radioactive count data of this leak test specimen indicated any activity present is less than 0.005uCi. The source may be used as authorized.

☐ Statistical analysis of the radioactive count data of this leak test specimen indicated any activity present is greater than 0.005 microcuries of activity present. This source should be considered leaking. Consult your device operations manual; place this unit in storage and make the required notification to your regulatory agency.

YOUR NEXT REQUIRED LEAK TEST FOR THIS DEVICE/SOURCE IS DUE ON OR BEFORE 5 MARCH 2003

THIS CERTIFICATE IS AN ESSENTIAL RECORD AND SHOULD BE MAINTAINED FOR INSPECTION BY THE REGULATORY AGENCY.

CERTIFICATE #: 981648 **BY:** [signature] **DATE:** 5 Sept 02

RHODE ISLAND RADIATION CONTROL AGENCY

RADIOACTIVE MATERIAL LICENSE

Pursuant to Title 23, Chapter 1.3 of the General Laws of Rhode Island and the Rules and Regulations for the Control of Radiation, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the Rules and Regulations for the Control of Radiation. This license is subject to all applicable rules, regulations, and orders of the Rhode Island Radiation Control Agency now or hereafter in effect and to any conditions specified below.

LICENSEE

1. **Name:** NITON Corporation

2. **Address:** 1130 Ten Rod Road, Suite C-207
North Kingstown, RI 02852-4161

This license is issued in response to letters:

Dated: 15 February 2001; 31 August 2001; 19 October 2001; 13 November 2001; 14 November 2001

Signed by: Kenneth P. Martin; Kenneth P. Murtin; Hal Grodzins; Hal Grodzins; Hal Grodzins

3. License Number	Amendment Number
3A-105-01	11

PREVIOUS AMENDMENTS ARE VOID

4. **Expiration Date:** 30 June 2005

RADIOACTIVE MATERIAL AUTHORIZED

5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use
A. Cadmium 109	A. Sealed Source (Isotope Products Model XFB Series 3204 & 3205)	A. No single source to exceed 50 mCi	A through I: For use and/or possession incident to: (1)Manufacturing and testing of analyzer devices. (2)Installation into or removal from analyzer devices. (3)Repair and servicing of NITON Corporation devices. (4)Receipt, storage and transfer of NITON Corporation devices from customers for disposal. (5)Demonstration of the use of NITON Corporation devices. (6)Distribution of NITON Corporation devices to persons authorized to receive the licensed material pursuant to the terms and conditions of specific licenses issued by the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State.
B. Cadmium 109	B. Sealed Source (New England Nuclear Model NER-467, capsule no. LE66; New England Nuclear Model 465)	B. No single source to exceed 50 mCi	
C. Cadmium 109	C. Sealed Source (Amersham Corporation Model CUC.D1)	C. No single source to exceed 50 mCi	
D. Cadmium 109	D. Sealed Source (North American Scientific Model IND 1602)	D. No single source to exceed 50 mCi	
E. Cadmium 109	E. Sealed Source (Amersham Corporation Model CUCP.1)	E. No single source to exceed 15 mCi	
F. Americium 241	F. Sealed Source (Amersham Corporation Model AMC.P4)	F. No single source to exceed 15 mCi	
G. Iron 55	G. Sealed Source (Amersham Corporation Model IEC.A1)	G. No single source to exceed 20 mCi	
H. Americium 241	H. AEA Technology/ Amersham Corp. Model AMCL (X130/4 source capsule only)	H. No single source to exceed 50 mCi	

Ci=Curie(s); mCi=millicurie(s); μCi=microcurie(s)

RHODE ISLAND RADIATION CONTROL AGENCY

RADIOACTIVE MATERIAL LICENSE

License Number	Amendment Number
3A-105-01	11

5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use
I. Americium 241	I. AEA Technology/ Amersham Corp. Model AMCL (X131/4 source capsule only)	I. No single source to exceed 30 mCi	
Items 5.A. through 5.I. not to exceed a total of 600 sources			
J. Americium 241	J. Sealed Source (Amersham Corporation Model AMC.24)	J. 5 sources; not to exceed 20 mCi per source	J through K: Research and development as defined in the RI Rules and Regulations for the Control and Radiation.
K. Any radioactive material with Atomic Numbers 3 through 83	K. Sealed Source	K. No single source to exceed 25 mCi; not to exceed 2,500 mCi total	

In addition to the possession limit specified in Item 7.K., the licensee shall further restrict the possession of radioactive materials listed in Item 5.K. to radioactive materials which emit x-rays and/or gamma rays of an energy less than 200 KeV, except that radioactive material with a maximum branching energy ratio of 0.1% for gamma rays above 200 KeV is allowed.

CONDITIONS

9. Licensed material may be used and stored at the licensee's facilities located at 1130 Ten Rod Road, North Kingstown, RI, and may be used at temporary jobsites, in areas not under exclusive federal jurisdiction, throughout the State of Rhode Island.

10. A. Licensed material listed in Item 5A through 5K shall be used by Donald Sackett, Charles Parsons, Lee Grodzins, Kenneth Martin, Robert Churchwell, John Pesce, Stephen Shefsky, Anthony Hornellio and NITON Corporation employees who possess the training and qualifications as described in the licensee's application and supportive documents for all uses authorized in Items 8A through 8K. The licensee shall maintain a list of individuals who have been authorized as users under this condition.

    B. Licensed material listed in Item 5A through 5I shall be used by John Pesce, Kenneth P. Martin, Robert Churchwell and NITON Corporation representatives who possess the training and qualifications as described in the licensee's application and supportive documents for the purpose of demonstration and instructional purposes. The licensee shall maintain a list of individuals who have been authorized as users under this condition.

    C. Licensed material listed in Item 5A through 5I shall be used by Ethel Romm, Donald Sackett, Lee Grodzins, Stephen Shefsky, Kenneth Martin, Robert Churchwell, John Pesce and NITON Corporation representatives who have successfully completed the training requirements contained in the licensee's application and supportive documents for the purpose of demonstration and sales of NITON instruments. The licensee shall maintain a list of individuals who have been authorized as users under this condition.

RHODE ISLAND RADIATION CONTROL AGENCY

RADIOACTIVE MATERIAL LICENSE

License Number	Amendment Number
3A-105-01	11

10. D. Licensed material listed in Item 5A through 5I shall be used by Scott Chapin, Michael Duggas, Donald Sackett, Lee Grodzins, Stephen Shefsky, Kenneth Martin, Robert Churchwell, John Pesce and NITON Corporation employees who have successfully completed the training requirements contained in the licensee's application and supportive documents for the purpose of manufacture, servicing, testing, repair and distribution of NITON instruments. The licensee shall maintain a list of individuals who have been authorized as users under this condition.

11. The Radiation Safety Officer for this license is Anthony L. Honnellio.

12. A. (1) Each sealed source containing licensed material, other than Hydrogen 3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source received from another person shall not be put into use until tested.

(2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.

B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Agency.

C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Agency regulations. A report shall be filed within five (5) days of the test with the Rhode Island Radiation Control Agency, describing the equipment involved, the test results, and the corrective action taken.

D. The licensee is authorized to collect leak test samples in accordance with the procedures described in the licensee's application dated 1 October 1998 for analysis by Valley Safety Service Associates. Alternatively, leak test samples may be collected and/or analyzed by other persons specifically authorized by the Agency, the Nuclear Regulatory Commission or an Agreement or Licensing State to perform such services.

13. Sealed sources containing licensed material shall not be opened.

14. The licensee shall conduct a physical inventory every three (3) months to account for all sealed sources and/or devices received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Agency and shall include the quantities and kinds of radioactive material, location of all sealed sources and/or devices, and the date of the inventory.

15. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of subpart C.7 of the RI Rules and Regulations for the Control of Radiation.

16. This license does not authorize commercial distribution of licensed material to persons generally licensed pursuant to Section C.4.2(b) of the Rhode Island Rules and Regulations for the Control of Radiation, or equivalent provisions of the regulations of the Nuclear Regulatory Commission, an Agreement State or a Licensing State.

RHODE ISLAND RADIATION CONTROL AGENCY

RADIOACTIVE MATERIAL LICENSE

License Number	Amendment Number
3A-105-01	11

17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures listed below. The Radiation Control Agency's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

    A. Application dated 1 October 1998.
    B. Letter dated 20 November 1998.
    C. Letter dated 20 December 1998.
    D. Letter dated 30 December 1998.
    E. Letter dated 31 December 1998.
    F. Letter dated 30 September 1999.
    G. Letter dated 12 June 2000.
    H. Decommissioning Report dated 7 July 2000.
    I. Letter dated 15 February 2001, signed by Kenneth P. Martin.
    J. Undated letter received 31 August 2001, signed by Kenneth P. Martin.
    K. Letter dated 19 October 2001, signed by Hal Grodzins.
    L. Letter dated 13 November 2001, signed by Hal Grodzins.
    M. Letter dated 14 November 2001, signed by Hal Grodzins.

For the Rhode Island Radiation Control Agency

Date 21 November 2001

By John T. Lewis

MARYLAND DEPARTMENT OF THE ENVIRONMENT

2500 Broening Highway • Baltimore, Maryland 21224
(410) 631-3000 • 1-800-633-6101 • http://www.mde.state.md.us

Parris N. Glendening
Governor

Merrylin Zaw-Mon
Acting Secretary

AUG 2 2002

3191

Edward Beck, Radiation Safety Officer
Environmental Assessment, Testing and Analysis, Inc.
P.O. Box 1557
904 Michael Drive
Clinton MD 20735

RE: Radioactive Material License # MD-33-140-01

Dear Mr. Beck:

Enclosed is your renewed radioactive materials license, which is being issued in accordance with Maryland Radiation Law and Code of Maryland Regulations (COMAR) 26.12.01.01, Regulations for the Control of Ionizing Radiation. This renewal has been prepared based on your application received in this office on June 1, 2001, and all relevant supplemental information received as of July 23, 2002 . Please review it carefully to ensure it is complete and accurate.

Licensees are inspected at least once during the 5-year life of the license. Inspections are performed with greater frequency for more complex licenses. If you have any questions or need assistance on any aspect of this license renewal or any other matter regarding radioactive materials, please contact Mr. Alan Jacobson or Raymond E. Manley, of the Radioactive Materials Division at (410) 631-3301. You may also reach our office toll-free (Maryland only) by dialing 1-800-633-6101 and requesting extension 3301 or via facsimile at (410) 631-3198. Finally the MDE web page, which contains information about all MDE areas of interest, can be accessed at http://www.mde.state.md.us/arma/Programs/Radiolog/radiolog.html.

Sincerely,

(b) (6) [redacted]

Roland G. Fletcher, Program Manager III
Radiological Health Program

RG
RGF/REM/DKM/cc

Enclosures: License amendment renewal (02)
Code (03126)

State of Maryland

DEPARTMENT OF THE ENVIRONMENT

RADIOLOGICAL HEALTH PROGRAM

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Maryland Radiation Act, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. The license is subject to all applicable rules, regulations and orders of the Maryland State Department of the Environment, now or hereinafter in effect and to any conditions specified below.

CORRECTED COPY

1. Name: Environmental Assessment & Analysis, Inc.	**3. License No.:** MD-33-140-01
2. Address: PO Box 1557 Clinton, Maryland	**4. Amendment No.:** 2 RENEWAL CODE 03126
	5. Expiration Date: July 31, 2007

6. Radioactive material element & mass number:	**7. Chemical and/or physical form:**	**8. Maximum amount of radioactivity which licensee may possess at any one time:**
A. Cadmium-109	A. Sealed source: Amersham Corporation ➢ Model CUC.D1, ➢ Model IEC.A1, ➢ Model CUCP.1, ➢ Model AMC.P4 Isotopes Products Laboratories ➢ Model XFB, Series 3204 & 3205 New England Nuclear ➢ Model NER-467 Capsule LE66 ➢ NER-465 North AmericanScientific ➢ Model IND 1602	A. No source to exceed 50 millicuries
B. Americium-241	B. Sealed sources AEA Technology, QSA ➢ Model AMC P4	B. No source to exceed 20 millicuries
Iron-55	C. Sealed sources **AEA Technology, QSA** ➢ **Model IEC.A1**	C. No source to exceed 20 millicuries

License No.: MD-33-140-01	Amendment Number: 02

License Conditions

9. Authorized Use(s):
   A. For use in NITON XL-309, 700 series portable lead and multi-element spectrum analyzers performing fixed site and in situ testing of paint, soils, dust and identification of chemical elements and building components.
   B&C. For use in NITON XL 703A Multi-Element Spectrum Analyzer.

10. The authorized place of use is **9404 Michael Drive, Clinton, Maryland 20735** and temporary job sites of the licensee throughout Maryland. The licensee must notify the Radiological Health Program 30 days prior to vacating a permanent use address as is required by §D.1301 of COMAR 26.12.01.01.

11. A. The radiation protection program shall be under the supervision of Edward Beck

    B. Radioactive material shall be used by or under the supervision and in the physical presence of an employee who:

    1) has a certificate from a licensed training course on file with the licensee; and

    2) the licensee has authorized to use radioactive material and has so notified the Radiological Health Program, in writing.

12. The licensee shall comply with all appropriate provisions of Part D, "Standards for Protection Against Radiation" and Part J, "Notices, Instructions and Reports to Workers; Inspections" of the Maryland Regulations 26.12.01.01 "Regulations for Control of Ionizing Radiation".

License No.: MD-33-140-01	Amendment Number: 02

License Conditions

13. A. Each sealed source containing radioactive material, other than Hydrogen-3 with a half-life greater than thirty (30) days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested. If there is reason to suspect that a sealed source might have been damaged, or might be leaking, it shall be tested for leakage before further use.

B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of a device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate.

C. Records of leak tests shall be kept in units of microcuries and maintained for inspection by the Department.

D. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Department regulations. A report shall be filed within five (5) days of the test with the Administrator, Radiological Health Program, 2500 Broening Highway, Baltimore, Maryland 21224 describing the equipment involved, the test results, and the corrective action taken.

E. Test for leakage and/or contamination shall be performed by licensee or by other persons specifically authorized by the Department, the U.S. Nuclear Regulatory Commission or another Agreement State to perform such services.

14. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.

15. Maintenance and repair of devices containing radioactive material and installation, replacement, and disposal of sealed sources shall be performed by persons specifically authorized by the Department, the U.S. Nuclear Regulatory Commission or another Agreement State to perform such services.

16. The licensee shall conduct a physical inventory every six- (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Department, and shall include the quantities and kinds of radioactive material, location of sealed sources, and the date of the inventory.

License No.: MD-33-140-01	Amendment Number: 02

License Conditions

17. Transportation of radioactive material in the State of Maryland shall be in compliance with Part T, Section T.5 "Transportation of Licensed Material" of COMAR 26.12.01.01.

18. A. The licensee shall not make any false statement, representation, or certification in any application, record, report, plan, or other document regarding radiation levels, tests performed or radiation safety conditions or practices. Additionally, the licensee shall not falsify, tamper with, or render inaccurate any monitoring device or method.

    D. Violation of any term, condition, or regulation could subject the licensee to administrative or civil penalty or criminal prosecution, as specified in Title 8, Radiation, of the Article Environment of the Annotated Code of Maryland.

State of Maryland

DEPARTMENT OF THE ENVIRONMENT

RADIOLOGICAL HEALTH PROGRAM

RADIOACTIVE MATERIAL LICENSE

License No.: MD-33-140-01	Amendment Number: 02

License Conditions

19. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material authorized by this license in accordance with statements representations, and procedures contained in:

    A. application dated June 1, 2001;
    B. facsimile dated July 23, 2002;
    C. **Facsimile received September 16, 2002.**

    COMAR 26.12.01.01 "Regulations for Control of Ionizing Radiation" shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

(b) (6) [redacted]

Original renewal date
July 24, 2002

Corrected copy date
October 1, 2002

Roland G. Fletcher
Radiological Health Program Manager

DKM DKM 10/1/02
RGF 10/16/2002

Property of the United States Government
For Official Use Only
Do not remove this notice
Properly destroy documents when no longer needed.

Federal Office Building No. 8
Building Renovation for General Services Administration
Washington, DC

Building Survey Report – Environmental Hazards

May 16, 2003

Asbestos Sample Analysis Results

- FOB 8 suspect ACM sample Chain of Custody forms
- Laboratory Analysis Reports
- Results Summary Table

BULK SAMPLE DATA FORM

PROJECT: FOB #8 - Food & Drug Admin

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	021903636 05A	B	6	Hallway 224' White CT (Pinhole gauge)	
2	05B	B	6	Women's Locker Room	
3	05C	B	6	Hallway	
4					
5					
6					
7					
8					
9					
10					
11					
12					

ACCOUNTABILITY RECORD | PAGE 2 OF 2

REQUESTED COMPLETION DATE: 2/21/03
JOB NO: 36.01.254 BATCH: W - 4076
CLIENT NAME: Mostly Eng
SAMPLER'S NAME: [illegible]
SIGNATURE: [illegible]
DATE: 2/19/03 TIME:
METHOD OF SHIPMENT: Fed Ex
LAB NAME: PLS
ADDRESS: Foster, MA
RECEIVED BY: B CLARK
DATE: 2-20-03 TIME: [illegible] SIGNATURE: [illegible]
ANALYST: [illegible] DATE: 2-20-03
LAB QC APPROVAL: [illegible]

☒ ANALYZE TO FIRST POSITIVE BY GROUP ☒ FAX REPORT
☒ PRINTED REPORT REQUIRED ☒ E-MAIL REPORT

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS**						CONCENTRATIONS OF OTHER COMPONENTS							SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
		CH	AM	CR	AC	AN	TR	FG	MW	CL	SY	HA	NF	OT					
1	0404076-13								30	50			20		Gray				
2	14								30	50			20		Gray				
3	15								30	50			20		Gray				
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

ADDITIONAL COMMENTS: Please fax results to office and to Dallas' fax # 301-445-0434

*SAMPLE TYPE CODES
B = BULK MATERIAL
D = DEBRIS SAMPLE
SDT = SURFACE DUST—TAPE SAMPLE
SDV = SURFACE DUST—VACUUM SAMPLE
SDG = SURFACE DUST—GRAB SAMPLE

ASBESTOS TYPE CODES
CH = CHRYSOTILE
AM = AMOSITE
CR = CROCIDOLITE
AC = ACTINOLITE
AN = ANTHOPHYLLITE
TR = TREMOLITE
**CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED

ABBREVIATIONS FOR OTHER COMPONENTS
FG = FIBERGLASS
MW = MINERAL WOOL
CL = CELLULOSE
SY = SYNTHETIC FIBER
HA = HAIR
NF = NON-FIBROUS MATERIAL
OT = OTHER
PC = POINT COUNTING
NY-PC = NEW YORK STATE POINT COUNTING
CA-PC = CALIFORNIA STATE POINT COUNTING

NO. OF SAMPLES SUBMITTED	RATE
	10.00

CONFIRMATION NO.: 21902

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

REV. 01/24/00

ASBESTOS BULK SAMPLE DATA FORM

PROJECT: FOB 8 Food & Drug Admin

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	022003476 01D	B	B	Machine Shop B082 - Caulking in wall units	
2	01B	B	B		
3	01C	B	B		
4	02A	B	B	Duct Insul	
5	02B	B	B		
6	02C	B	B		
7	03A	B	B	B082A "2'x4' White Tile" w/ Cl (low)	
8	03B	B	B	B085 (low)	
9	03C	B	B	Hallway (low)	
10	04A	B	B	Black Refrigerator Insulation Block	
11	04B	B	B		
12	04C	B	B		

ACCOUNTABILITY RECORD — PAGE 1 OF 3

REQUESTED COMPLETION DATE: 2/25/03 AM

JOB NO: 3600 BATCH: W - 407

CLIENT NAME: Merrill's Eng

SAMPLER'S NAME: W. Dalling

SIGNATURE:

DATE: 2/20/03 TIME:

METHOD OF SHIPMENT: FedEx

LAB NAME: PLS

ADDRESS: Boston, MA

RECEIVED BY: Karen Ehelsen

DATE: 2/24/03 TIME: 4:00 SIGNATURE:

ANALYST: DATE: 2/24/03

LAB QC APPROVAL:

☒ ANALYZE TO FIRST POSITIVE BY GROUP ☒ FAX REPORT

☒ PRINTED REPORT REQUIRED ☒ E-MAIL REPORT

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS**						CONCENTRATIONS OF OTHER COMPONENTS							SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
		CH	AM	CR	AC	AN	TR	FG	MW	CL	SY	HA	NF	OT					
1	0201077-001												100		Wh				
2	002												100		Wh				
3	003												100		Wh				
4	004								50				50		TN				
5	005								50				50		TN				
6	006								50				50		TN				
7	007								80	20			<1		Gy				
8	008								40	40			20		Gy				
9	009	<1							80	20			<1		Gy				
10	010												100		Gy				
11	011												100		Gy				
12	012												100		Gy				

ADDITIONAL COMMENTS: Fax Results to 301-445-6434 as well as office fax #

*SAMPLE TYPE CODES	ASBESTOS TYPE CODES	ABBREVIATIONS FOR OTHER COMPONENTS	NO. OF SAMPLES SUBMITTED	RATE
B = BULK MATERIAL D = DEBRIS SAMPLE SDT = SURFACE DUST—TAPE SAMPLE SDV = SURFACE DUST—VACUUM SAMPLE SDG = SURFACE DUST—GRAB SAMPLE	CH = CHRYSOTILE AM = AMOSITE CR = CROCIDOLITE AC = ACTINOLITE AN = ANTHOPHYLLITE TR = TREMOLITE **CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED	FG = FIBERGLASS MW = MINERAL WOOL CL = CELLULOSE SY = SYNTHETIC FIBER HA = HAIR NF = NONFIBROUS MATERIAL OT = OTHER PC = POINT COUNTING NY-PC = NEW YORK STATE POINT COUNTING CA-PC = CALIFORNIA STATE POINT COUNTING	12	10.00

CONFIRMATION NO.: 022103K

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

REV. 01/2000

APR-09-2003 16:17 HYGIENETICS LAB

APR-09-2003 16:17 HYGIENETICS LAB

ASBESTOS BULK SAMPLE DATA FORM

ACCOUNTABILITY RECORD PAGE 2 OF 3

PROJECT: FOB 8 Food & Drug Admin

REQUESTED COMPLETION DATE: 2/24/03
JOB NO.: 3600.254 BATCH: W-4077
CLIENT NAME: Metcalf's Eddy
SAMPLER'S NAME: [illegible]
SIGNATURE: [illegible]
DATE: 2/21/03 TIME:
METHOD OF SHIPMENT: FED EX
LAB NAME: HD
ADDRESS: Boston, MA
RECEIVED BY: Karen Ekelson
DATE: 2/24/03 TIME: 9:00 SIGNATURE: [illegible]
ANALYST: [illegible] DATE: 2/24/03
LAB QC APPROVAL: [illegible]
☒ ANALYZE TO FIRST POSITIVE BY GROUP ☒ FAX REPORT
☒ PRINTED REPORT REQUIRED ☒ E-MAIL REPORT

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	022103676 01A	B	2	Lab # 2074 Black Mastic on Sinks	
2	01B	B	2		
3	01C	B	2		
4	02A	B	SB	Sub basement White Mastic on Tank H-1-3	
5	02B	B	SB	Steam Room	
6	02C	B	SB		
7	03A	B	SB	Mastic on Valves	
8	03B	B	SB		
9	03C	B	SB		
10	04A	B	SB	Duct Insul.	
11	04B	B	SB		
12	04C	B	SB		

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS** CH	AM	CR	AC	AN	TR	CONCENTRATIONS OF OTHER COMPONENTS FG	MW	CL	SY	HA	NF	OT	SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
1	0404077-013	15											85		BK				
2	014																		not analyzed
3	015																		not analyzed
4	016							10		60			30		wh				
5	017									80			20		wh				
6	018									80			20		wh				
7	019							<1					100		wh				
8	020							<1					100		wh				
9	021							<1					100		wh				
10	022								40				60		cu				
11	023								40				60		cu				
12	024								40				60		cu				

ADDITIONAL COMMENTS:

*SAMPLE TYPE CODES
B = BULK MATERIAL
D = DEBRIS SAMPLE
SD/T = SURFACE DUST—TAPE SAMPLE
SD/V = SURFACE DUST—VACUUM SAMPLE
SD/G = SURFACE DUST—GRAB SAMPLE

ASBESTOS TYPE CODES
CH = CHRYSOTILE
AM = AMOSITE
CR = CROCIDOLITE
AC = ACTINOLITE
AN = ANTHOPHYLLITE
TR = TREMOLITE

**CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED

ABBREVIATIONS FOR OTHER COMPONENTS
FG = FIBERGLASS
MW = MINERAL WOOL
CL = CELLULOSE
SY = SYNTHETIC FIBER
HA = HAIR
NF = NON-FIBROUS MATERIAL
OT = OTHER
PC = POINT COUNTING
NY-PC = NEW YORK STATE POINT COUNTING
CA-PC = CALIFORNIA STATE POINT COUNTING

NO. OF SAMPLES SUBMITTED: ~~[illegible]~~ 12
RATE: 10.00
CONFIRMATION NO. 022103 C

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

REV. 07/2000

KW

ASBESTOS BULK SAMPLE DATA FORM

ACCOUNTABILITY RECORD PAGE 1 OF 1

PROJECT: FOB #8 Food by Drug Admin.

REQUESTED COMPLETION DATE: 2/26/03

JOB NO: 3600.754 BATCH: W-4081

CLIENT NAME: Metcalf & Eddy

SAMPLER'S NAME: [illegible]

SIGNATURE: [illegible]

DATE: 2/20/03 TIME

METHOD OF SHIPMENT: NIOSH 7400

LAB NAME: HS

ADDRESS: Boston, MA

RECEIVED BY: B Clark

DATE: 2-26-03 TIME: 9am SIGNATURE: B Clark

ANALYST: [illegible] DATE: 2/26/03

LAB QC APPROVAL: Bryan Clark

☐ ANALYZE TO FIRST POSITIVE BY GROUP ☐ FAX REPORT

☐ PRINTED REPORT REQUIRED ☐ E-MAIL REPORT

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	022403676 01A	B	6	Room ~~[illegible]~~ 6813 black ~~[illegible]~~ Carpet Mastic	
2	01B	B	6	↓	
3	01C	B	6		
4	02	B	5	Room 5412 Black Duct Mastic	
5	03	B	5	Room 5442 Black Pipe Mastic	
6	04A	B	5	Room 5454 Black Wall mastic (behind linoleum wall)	
7	04B	B	5	576 B	
8	04C	B	5	↓	
9	022503676 0.5	B	4	Room 4082 Black Pipe Mastic	
10	06	B	4	Hallway by Room 4002 Black Duct Mastic	
11	07	B	3	Library Black Duct Mastic	
12	08	B	3	Hallway by Stairwell #4 Black Pipe Mastic	

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS** CH	AM	CR	AC	AN	TR	CONCENTRATIONS OF OTHER COMPONENTS FG	MW	CL	SY	HA	NF	OT	SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
1	0404081-01												100		BK				
2	02												100		BK				
3	03												100		BK				
4	04	10											90		BK				
5	05	10											90		BK				
6	06												100	<1	BR				other = wollastinite
7	07												95	5	BR				other = wollastinite
8	08												98	2	BR				
9	09	15											85		BK				
10	10	5											95		BK				
11	11	5											95		BK				
12	12	2					2						96		BK				

ADDITIONAL COMMENTS:

*SAMPLE TYPE CODES	ASBESTOS TYPE CODES	ABBREVIATIONS FOR OTHER COMPONENTS	NO. OF SAMPLES SUBMITTED	RATE
B = BULK MATERIAL D = DEBRIS SAMPLE SDT = SURFACE DUST—TAPE SAMPLE SDV = SURFACE DUST—VACUUM SAMPLE SDG = SURFACE DUST—GRAB SAMPLE	CH = CHRYSOTILE AM = AMOSITE CR = CROCIDOLITE AC = ACTINOLITE AN = ANTHOPHYLLITE TR = TREMOLITE **CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED	FG = FIBERGLASS MW = MINERAL WOOL CL = CELLULOSE SY = SYNTHETIC FIBER HA = HAIR NF = NON-FIBROUS MATERIAL OT = OTHER PC = POINT COUNTING NY-PC = NEW YORK STATE POINT COUNTING CA-PC = CALIFORNIA STATE POINT COUNTING		10.00
			CONFIRMATION NO.:	

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

REV. 07/2000

Hygienetics Environmental

ASBESTOS BULK SAMPLE DATA FORM

PROJECT: FOB 8 Food & Drug Administration

ACCOUNTABILITY RECORD PAGE 3 OF 3

REQUESTED COMPLETION DATE 2/25/03 AM
JOB NO. 36W-254 BATCH W-4077
CLIENT NAME: [illegible]
SAMPLER'S NAME: [illegible]
SIGNATURE: [illegible]
DATE: 2/21/03 TIME:
METHOD OF SHIPMENT: FedEx
LAB NAME: [illegible]
ADDRESS: [illegible] MA
RECEIVED BY: [illegible]
DATE: 2/24/03 TIME: [illegible] SIGNATURE: [illegible]
ANALYST: [illegible] DATE: 2/24/03
LAB QC APPROVAL: [illegible]
☒ ANALYZE TO FIRST POSITIVE BY GROUP ☒ FAX REPORT
☒ PRINTED REPORT REQUIRED ☒ E-MAIL REPORT

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	022103676 05A	B	SB	SB 468 yellow Carpet Mastic	
2	05B	B	SB		
3	05C	B	SB		
4					
5					
6					
7					
8					
9					
10					
11					
12					

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS**						CONCENTRATIONS OF OTHER COMPONENTS							SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
		CH	AM	CR	AC	AN	TR	FG	MW	CL	SY	HA	NF	OT					
1	040407025												100		YL				
2	026												100		YL				
3	027												100		YL				
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

ADDITIONAL COMMENTS:

*SAMPLE TYPE CODES	ASBESTOS TYPE CODES	ABBREVIATIONS FOR OTHER COMPONENTS	NO. OF SAMPLES SUBMITTED	RATE
B = BULK MATERIAL D = DEBRIS SAMPLE SDT = SURFACE DUST—TAPE SAMPLE SDV = SURFACE DUST—VACUUM SAMPLE SDG = SURFACE DUST—GRAB SAMPLE	CH = CHRYSOTILE AM = AMOSITE CR = CROCIDOLITE AC = ACTINOLITE AN = ANTHOPHYLLITE TR = TREMOLITE **CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED	FG = FIBERGLASS MW = MINERAL WOOL CL = CELLULOSE SY = SYNTHETIC FIBER HA = HAIR NF = NON-FIBROUS MATERIAL OT = OTHER PC = POINT COUNTING NY-PC = NEW YORK STATE POINT COUNTING CA-PC = CALIFORNIA STATE POINT COUNTING	3	10

CONFIRMATION NO.: 022103 KC

ASBESTOS BULK SAMPLE DATA FORM

PROJECT: FUB HQ FUND GDIZIG ADMIN

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	0226036760 1A	B	3	LAB 3028 Granite Hard	
2	01B	B	3		
3	01C	B	3		
4	02A	B	2	Room 2011 Cove Base Mastic	
5	02B	B	2		
6	02C	B	2		
7	03A	B	2	Room 2011 Black Mastic under 1'x1' Wall tile	
8	03B	B	2		
9	03C	B	2		
10	04A	B	2	Mastic on Vinyl Wall Covering - Freight El. lobby	
11	04B	B	2		
12	04C	B	2		

ACCOUNTABILITY RECORD | PAGE 1 OF 1

REQUESTED COMPLETION DATE: 3/3/03

JOB NO: 3660.254 BATCH: W-41085

CLIENT NAME: McGill & DB

SAMPLER'S NAME: [illegible]

SIGNATURE: [illegible]

DATE: 2/26/03 TIME:

METHOD OF SHIPMENT: FEDEX

LAB NAME: HGB

ADDRESS: Boston MA

RECEIVED BY: BOB BOSA

DATE: 2-28-03 TIME: [illegible] SIGNATURE: [illegible]

ANALYST: [illegible] DATE: 2-28-03

LAB QC APPROVAL: [illegible]

☒ ANALYZE TO FIRST POSITIVE BY GROUP ☒ FAX REPORT

☒ PRINTED REPORT REQUIRED ☒ E-MAIL REPORT

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS**						CONCENTRATIONS OF OTHER COMPONENTS							SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
		CH	AM	CR	AC	AN	TR	FG	MW	CL	SY	HA	NF	OT					
1	04041185-001	35											65		Black				
2	2																		Sample not analyzed
3	3																		
4	4						<1						100	<1	Brown				Other = Gypsum
5	5						<1						100	<1	Brown				Other = Gypsum
6	6						<1						100	<1	Brown				Other = Gypsum
7	7						<1						100	<1	Brown				Other = Gypsum
8	8						<1						100	<1	Brown				Other = Gypsum
9	9						<1						100	<1	Brown				Other = Gypsum
10	10												100		Yellow				
11	11												100		Yellow				
12	12												100		Yellow				

ADDITIONAL COMMENTS:

*SAMPLE TYPE CODES	ASBESTOS TYPE CODES	ABBREVIATIONS FOR OTHER COMPONENTS	NO. OF SAMPLES SUBMITTED	RATE
B = BULK MATERIAL D = DEBRIS SAMPLE SDT = SURFACE DUST—TAPE SAMPLE SDV = SURFACE DUST—VACUUM SAMPLE SDG = SURFACE DUST—GRAB SAMPLE	CH = CHRYSOTILE AM = AMOSITE CR = CROCIDOLITE AC = ACTINOLITE AN = ANTHOPHYLLITE TR = TREMOLITE **CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED	FG = FIBERGLASS MW = MINERAL WOOL CL = CELLULOSE SY = SYNTHETIC FIBER HA = HAIR NF = NON FIBROUS MATERIAL OT = OTHER PC = POINT COUNTING NY-PC = NEW YORK STATE POINT COUNTING CA-PC = CALIFORNIA STATE POINT COUNTING		
			CONFIRMATION NO.:	

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

REV. 01/2000

APR-09-2003 16:18 HYGIENETICS LAB 617 742 4203 P.08/11

ASBESTOS BULK SAMPLE DATA FORM

PROJECT: FUB H & FUD & DZ Hand

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	022603676 01A	B	3	Lab 302 & Granite Hard	
2	01B	B	3		
3	01C	B	3		
4	02A	B	2	Room 2011 Cove Base Mastic	
5	02B	B	2		
6	02C	B	2		
7	03A	B	2	Room 2011 Black Mastic under 1' x 1' Wall tile	
8	03B	B	2		
9	03C	B	2		
10	04A	B	2	Mastic on Vinyl Wall Covering - Freight El. lobby	
11	04B	B	2		
12	04C	B	2		

ACCOUNTABILITY RECORD | PAGE 1 OF 1

REQUESTED COMPLETION DATE: 3/3/03

JOB NO: 3660.254 BATCH: W-40885

CLIENT NAME: McGill & DZ

SAMPLER'S NAME: [illegible]

SIGNATURE: [illegible]

DATE: 2/28/03 TIME:

METHOD OF SHIPMENT: FEDEX

LAB NAME: HGB

ADDRESS: Boston, MA

RECEIVED BY: BOB BOSA 2

DATE: 2-28-03 TIME: 10:40 SIGNATURE: [illegible]

ANALYST: [illegible] DATE: 2-28-03

LAB QC APPROVAL: [illegible]

☒ ANALYZE TO FIRST POSITIVE BY GROUP ☒ FAX REPORT

☒ PRINTED REPORT REQUIRED ☒ E-MAIL REPORT

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS**						CONCENTRATIONS OF OTHER COMPONENTS							SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
		CH	AM	CR	AC	AN	TR	FG	MW	CL	SY	HA	NF	OT					
1	04041185-001	35											65		Black				
2	2																		Sample not analyzed
3	3																		
4	4						<1						100	<1	Brown				Other = Gypsum
5	5						<1						100	<1	Brown				Other = Gypsum
6	6						<1						100	<1	Brown				Other = Gypsum
7	7						<1						100	<1	Brown				Other = Gypsum
8	8						<1						100	<1	Brown				Other = Gypsum
9	9						<1						100	<1	Brown				Other = Gypsum
10	10												100		Yellow				
11	11												100		Yellow				
12	12												100		Yellow				

ADDITIONAL COMMENTS:

*SAMPLE TYPE CODES	ASBESTOS TYPE CODES	ABBREVIATIONS FOR OTHER COMPONENTS	NO. OF SAMPLES SUBMITTED	RATE
B = BULK MATERIAL O = OTHER SAMPLE SDT = SURFACE DUST—TAPE SAMPLE SDV = SURFACE DUST—VACUUM SAMPLE SDG = SURFACE DUST—GRAB SAMPLE	CH = CHRYSOTILE AM = AMOSITE CR = CROCIDOLITE AC = ACTINOLITE AN = ANTHOPHYLLITE TR = TREMOLITE **CONCENTRATIONS DETERMINED BY ESTIMATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED	FG = FIBERGLASS MW = MINERAL WOOL CL = CELLULOSE SY = SYNTHETIC FIBER HA = HAIR NF = NON FIBROUS MATERIAL OT = OTHER PC = POINT COUNTING NY-PC = NEW YORK STATE POINT COUNTING CA-PC = CALIFORNIA STATE POINT COUNTING		CONFIRMATION NO.:

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

REV. 07/2000

APR-09-2003 16:18 HYGIENETICS LAB

BC

ASBESTOS BULK SAMPLE DATA FORM

PROJECT: FOB #8 Food & Drug Admin 200 C Street SW

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	022803676 01A	B	1	Concrete Overspray Hallway by Conference Room 2082	
2	01B	B	2		
3	01C	B	3	Hallway by Stairwell #4	
4	01D	B	4	Lab 4764 by	
5	01E	B	5	Hallway by Lab Office 5320	
6	01F	B	6	Room 6002 A	
7	02A	B	B	Gasket Material on Dryers-Basement Glassware	
8	02B	B	B		
9	02C	B	B		
10	03A	B	2	Drywall / ~~[illegible]~~ Room 2082	
11	03B	B	4	Room 4405	
12	03C	B	5	Room 5413	

ACCOUNTABILITY RECORD PAGE 1 OF 1

REQUESTED COMPLETION DATE 3/4/03

JOB NO.: 3600.254 BATCH W-4087

CLIENT NAME: Metcalf & Eddy

SAMPLER'S NAME: [illegible]

SIGNATURE: [illegible]

DATE: 2/21/03 TIME:

METHOD OF SHIPMENT: FED EX

LAB NAME: [illegible]

ADDRESS: Boston, Ma

RECEIVED BY: Karen E Nelson

DATE: 3/3/3 TIME: 9:30 SIGNATURE: [illegible]

ANALYST: [illegible] DATE: 3.3.3

LAB QC APPROVAL: [illegible]

☒ ANALYZE TO FIRST POSITIVE BY GROUP ☒ FAX REPORT

☒ PRINTED REPORT REQUIRED ☒ E-MAIL REPORT

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS**						CONCENTRATIONS OF OTHER COMPONENTS							SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
		CH	AM	CR	AC	AN	TR	FG	MW	CL	SY	HA	NF	OT					
1	0404087-001												100		TAN				
2	002												100		GRAY				
3	003												100		GRAY				
4	004												100		GRAY				
5	005												100		TAN				
6	006												100		TAN				
7	007	85											15		GRAY				
8	008																		NOT ANALYZED
9	009																		↓ ↓
10	010									20			80		GY/BN				
11	011									20			80		GY/BN				
12	012									35			65		WH/BN				

ADDITIONAL COMMENTS:

*SAMPLE TYPE CODES	ASBESTOS TYPE CODES	ABBREVIATIONS FOR OTHER COMPONENTS	NO. OF SAMPLES SUBMITTED	RATE
B = BULK MATERIAL D = DEBRIS SAMPLE SDT = SURFACE DUST—TAPE SAMPLE SDV = SURFACE DUST—VACUUM SAMPLE SDW = SURFACE DUST—GRAB SAMPLE	CH = CHRYSOTILE AM = AMOSITE CR = CROCIDOLITE AC = ACTINOLITE AN = ANTHOPHYLLITE TR = TREMOLITE **CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED	FG = FIBERGLASS MW = MINERAL WOOL CL = CELLULOSE SY = SYNTHETIC FIBER HA = HAIR NF = NON-FIBROUS MATERIAL OT = OTHER PC = POINT COUNTING NY-PC = NEW YORK STATE POINT COUNTING CA-PC = CALIFORNIA STATE POINT COUNTING		10.00
			CONFIRMATION NO.:	

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

REV. 07/2000

ASBESTOS BULK SAMPLE DATA FORM

PROJECT: FOB 8 - Food & Drug Admin

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	030303676 01A	B	PH	Mudded Areas on fiberglass round duct	
2	01B	B	PH		
3	01C	B	PH		
4	02A	B	PH	Silver Paint on Attic. DOOR	
5	02B	B	PH		
6	02C	B	PH		
7					
8					
9					
10					
11					
12					

ACCOUNTABILITY RECORD PAGE 1 OF 1

REQUESTED COMPLETION DATE: 3/5/03

JOB NO: 3600.25-1 BATCH: W 408

CLIENT NAME: Metcalf & Eddy

SAMPLER'S NAME: [illegible]

SIGNATURE: [illegible]

DATE: 3/3/03 TIME:

METHOD OF SHIPMENT: FED Ex

LAB NAME: [illegible]

ADDRESS: Boston, Ma

RECEIVED BY: BCLARK

DATE: 3-4-3 TIME: 9 am SIGNATURE: [illegible]

ANALYST: [illegible] DATE: 3.4.3

LAB QC APPROVAL: [illegible]

☑ ANALYZE TO FIRST POSITIVE BY GROUP ☑ FAX REPORT

☑ PRINTED REPORT REQUIRED ☑ E-MAIL REPOR

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS**						CONCENTRATIONS OF OTHER COMPONENTS							SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
		CH	AM	CR	AC	AN	TR	FG	MW	CL	SY	HA	NF	OT					
1	0424088-01								60	<1			40		GRAY				
2	02								60	<1			40		GRAY				
3	03								60	<1			40		GRAY				
4	04												100		SILVER				
5	05												100		SILVER				
6	06												100		SILVER				
7																			
8																			
9																			
10																			
11																			
12																			

ADDITIONAL COMMENTS:

*SAMPLE TYPE CODES

B = BULK MATERIAL
D = DEBRIS SAMPLE
SDT = SURFACE DUST—TAPE SAMPLE
SDV = SURFACE DUST—VACUUM SAMPLE
SDG = SURFACE DUST—GRAB SAMPLE

ASBESTOS TYPE CODES

CH = CHRYSOTILE
AM = AMOSITE
CR = CROCIDOLITE
AC = ACTINOLITE
AN = ANTHOPHYLLITE
TR = TREMOLITE

**CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED

ABBREVIATIONS FOR OTHER COMPONENTS

FG = FIBERGLASS
MW = MINERAL WOOL
CL = CELLULOSE
SY = SYNTHETIC FIBER
HA = HAIR
NF = NON FIBROUS MATERIAL
OT = OTHER

PC = POINT COUNTING
NY-PC = NEW YORK STATE POINT COUNTING
CA-PC = CALIFORNIA STATE POINT COUNTING

NO. OF SAMPLES SUBMITTED: 6 RATE: 10

CONFIRMATION NO.:

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

REV. 07/2000

Hygienetics Environmental

HYGIENETICS ENVIRONMENTAL SERVICES, INC. — ASBESTOS BULK SAMPLE DATA FORM

ACCOUNTABILITY RECORD — PAGE 1 OF 1

PROJECT:

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	030503676 01A	B	2	"Filler Wall" Adjacent to Asbestos	
2	01B	B	2	↓	
3	01C	B	2	↓	
4	02A	B	SB	Firebrick on Incinerator	
5	02B	B	SB	↓	
6	02C	B	SB	↓	
7					
8					
9					
10					
11					
12					

REQUESTED COMPLETION DATE: 3/11/03
JOB NO.: 3600,254 BATCH: 4092
CLIENT NAME: Metcalf & Eddy
SAMPLER'S NAME:
SIGNATURE:
DATE: 3/7/03 TIME:
METHOD OF SHIPMENT: FEDEX
LAB NAME: HES
ADDRESS: BOS
RECEIVED BY: BCURIL
DATE: 3-10-3 TIME: 9am SIGNATURE:
ANALYST: DATE: 3-10-03
LAB QC APPROVAL:
☑ ANALYZE TO FIRST POSITIVE BY GROUP ☒ FAX REPORT
☑ PRINTED REPORT REQUIRED ☒ E-MAIL REPORT

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS**						CONCENTRATIONS OF OTHER COMPONENTS							SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
		CH	AM	CR	AC	AN	TR	FG	MW	CL	SY	HA	NF	OT					
1	0404092-1												100		White				
2	2												100		White				
3	3												100		White				
4	4												100		Tan				
5	5												100		Tan				
6	6												100		Tan				
7																			
8																			
9																			
10																			
11																			
12																			

ADDITIONAL COMMENTS:

*SAMPLE TYPE CODES
B = BULK MATERIAL
D = DEBRIS SAMPLE
SDT = SURFACE DUST—TAPE SAMPLE
SDV = SURFACE DUST—VACUUM SAMPLE
SDG = SURFACE DUST—GRAB SAMPLE

ASBESTOS TYPE CODES
CH = CHRYSOTILE
AM = AMOSITE
CR = CROCIDOLITE
AC = ACTINOLITE
AN = ANTHOPHYLLITE
TR = TREMOLITE
**CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED

ABBREVIATIONS FOR OTHER COMPONENTS
FG = FIBERGLASS
MW = MINERAL WOOL
CL = CELLULOSE
SY = SYNTHETIC FIBER
HA = HAIR
NF = NON FIBROUS MATERIAL
OT = OTHER
PC = POINT COUNTING
NY-PC = NEW YORK STATE POINT COUNTING
CA-PC = CALIFORNIA STATE POINT COUNTING

NO. OF SAMPLES SUBMITTED: 6 — RATE: 10.00
CONFIRMATION NO.: 21906

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

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Hygienetics Laboratory Services

98 North Washington Street, Boston, MA 02114
Phone: (617) 589-0660 - Fax: (617) 742-4285
Email: Hygieneticslab@aol.com

BULK ASBESTOS LABORATORY REPORT

Polarized Light Microscopy by EPA Method 600/M4-82-020*
NVLAP ID#101147 - NY ELAP ID#11002 - AIHA LAB#100060

CLIENT: Hygienetics Environmental Services
ADDRESS: 14300 Cherry Lane Court Suite 102
Laurel MD 20707

BATCH #: W4178
JOB #: 3600.254
DESCRIPTION: Metcalf & Eddy FOB 8

COLLECTED BY: Alex Baylor
DATE COLLECTED: 04/29/2003

DATE RECEIVED: 05/01/2003
DATE ANALYZED: 05/01/2003

Lab ID#	Sample ID#	Sample Description	Asbestos Detected? (Yes/No)	Asbestos Constituents (%)	Non-Asbestos Constituents (%)
0404178-013	0429031000-5A	Miscellaneous Tan	No		100% Cellulose Fiber <1% Non-Fibrous Material
0404178-014	0429031000-5B	Miscellaneous Tan	No		100% Cellulose Fiber <1% Non-Fibrous Material
0404178-015	0429031000-5C	Miscellaneous Tan	No		100% Cellulose Fiber <1% Non-Fibrous Material

ANALYST: Kevin Pine

DATE REPORTED: 05/02/2003

This report relates only to the materials tested and must not be reproduced except in full with the approval of the laboratory.
Samples are analyzed according to the EPA Test Method and are subject to the inherent limitations of Polarized Light Microscopy and interference of matrix components.

* Additional sample preparation and analysis procedures as described in EPA method 600/R-93/116 may have been utilized.

Hygienetics Laboratory Services

98 North Washington Street, Boston, MA 02114
Phone: (617) 589-0660 - Fax: (617) 742-4285
Email: Hygieneticslab@aol.com

BULK ASBESTOS LABORATORY REPORT

Polarized Light Microscopy by EPA Method 600/M4-82-020*
NVLAP ID#101147 - NY ELAP ID#11002 - AIHA LAB#100060

CLIENT: Hygienetics Environmental Services
ADDRESS: 14300 Cherry Lane Court Suite 102
Laurel MD 20707

BATCH #: W4178
JOB #: 3600.254
DESCRIPTION: Metcalf & Eddy FOB 8

COLLECTED BY: Alex Baylor
DATE COLLECTED: 04/29/2003

DATE RECEIVED: 05/01/2003
DATE ANALYZED: 05/01/2003

Lab ID#	Sample ID#	Sample Description	Asbestos Detected? (Yes/No)	Asbestos Constituents (%)	Non-Asbestos Constituents (%)
0404178-001	0429031000-1A	Roofing Black	No		10% Cellulose Fiber 90% Non-Fibrous Material
0404178-002	0429031000-1B	Roofing Black	No		10% Cellulose Fiber 90% Non-Fibrous Material
0404178-003	0429031000-1C	Roofing Black	No		10% Cellulose Fiber 90% Non-Fibrous Material
0404178-004	0429031000-2A	Roofing Black	No		10% Cellulose Fiber 90% Non-Fibrous Material
0404178-005	0429031000-2B	Roofing Black	No		10% Cellulose Fiber 90% Non-Fibrous Material
0404178-006	0429031000-2C	Roofing Black	No		10% Cellulose Fiber 90% Non-Fibrous Material
0404178-007	0429031000-3A	Flashing Black	Yes	10% Chrysotile	10% Cellulose Fiber 80% Non-Fibrous Material
0404178-008	0429031000-3B	Flashing NOTE: Sample Not Analyzed			
0404178-009	0429031000-3C	Flashing NOTE: Sample Not Analyzed			
0404178-010	0429031000-4A	Flashing Black	Yes	10% Chrysotile	10% Cellulose Fiber 80% Non-Fibrous Material
0404178-011	0429031000-4B	Flashing NOTE: Sample Not Analyzed			
0404178-012	0429031000-4C	Flashing NOTE: Sample Not Analyzed			

* Additional sample preparation and analysis procedures as described in EPA method 600/R-93/116 may have been utilized.

Federal Office Building 8
200 C Street SW
Washington, DC

Analysis Results Summary
Asbestos Containing & Non-asbestos Containing Materials Sampled by Hygienetics

Sample Number	Material Description/Location	Quantity	Friable (Y/N)	PLM Result % Type
02190367601A 02190367601B 02190367601C	Linoleum Sheeting on Wall/Media Prep Area	N/A	N	NAD
02190367602A 02190367602B 02190367602C	Yellow Mastic Associated with Linoleum Sheeting/Basement Media Prep Room	N/A	N	NAD
02190367603A 02190367603B 02190367603C	Black Fire Coating on the Underside of Metal Tables/Basement Media Prep Area	See Table 2	N	2% Chrysotile
02190367604A 02190367604B 02190367604C	1'x1' White Ceiling Tile with Pinholes/Basement Store Room	N/A	Y	NAD
02190367605A 02190367605B 02190367605C	2'x4' White Ceiling Tile with Pinholes and Gouges/Basement Hallway	N/A	Y	NAD
02200367601A 02200367601B 02200367601C	Caulk Material Located in Wall HVAC Units/Basement Room B082	N/A	N	NAD
02200367602A 02200367602B 02200367602C	Hard Duct Insulation/Basement Room B082	N/A	Y	NAD
02200367603A	2'x4' White Ceiling Tile with Pinholes-"Worm like" Pattern/Basement Room B021A	N/A	Y	NAD
02200367603B	2'x4' White Ceiling Tile with Pinholes-"Worm like" Pattern/Basement Room B015	N/A	Y	NAD
02200367603C	2'x4' White Ceiling Tile with Pinholes-"Worm like" Pattern/Basement Hallway	N/A	Y	<1% Chrysotile

Federal Office Building 8
200 C Street SW
Washington, DC

Analysis Results Summary
Asbestos Containing & Non-asbestos Containing Materials Sampled by Hygienetics

Sample Number	Material Description/Location	Quantity	Friable (Y/N)	PLM Result % Type
02200367604A 02200367604B 02200367604C	Refrigerator Insulation Block/Basement Refrigeration Area	N/A	Y	NAD
02210367601A 02210367601B 02210367601C	Black Mastic on the Underside of Sinks/2nd Floor Lab Room 2074	See Table 2	N	15% Chrysotile
02210367602A 02210367602B 02210367602C	White Seam Sealant on Tank "H-1-3" Subbasement Steam Room	N/A	N	NAD
02210367603A 02210367603B 02210367603C	Seam Sealant of Fiberglass Insulation on Valves/Subbasement Steam Room	N/A	N	NAD
02210367604A 02210367604B 02210367604C	Hard Duct Insulation/Subbasement Steam Room	N/A	Y	NAD
02210367605A 02210367605B 02210367605C	Yellow Carpet Mastic/Basement Room SB468	N/A	N	NAD
02240367601A 02240367601B 02240367601C	Black Carpet Mastic/6th Floor Room 6813	N/A	N	NAD
02240367602	Black Duct Mastic/6th Floor Room 5412	See Table 2	N	10% Chrysotile
02240367603	Black Pipe Mastic/6th Floor Room 5442	See Table 2	N	10% Chrysotile
02240367604A 02240367604B 02240367604C	Black Wall Mastic Behind Linoleum Wall Covering/5th Floor Room 5454	N/A	N	NAD
02250367605	Black Pipe Mastic/4th Floor Room 4082	See Table 2	N	15% Chrysotile
02250367606	Black Duct Mastic/Hallway Adjacent to Room4002	See Table 2	N	5% Chrysotile
02250367607	Black Duct Mastic/4th Floor Library	See Table 2	N	5% Chrysotile
02250367608	Black Pipe Mastic/Hallway by Stairwell 4	See Table 2	N	2% Chrysotile

Federal Office Building 8
200 C Street SW
Washington, DC

Analysis Results Summary
Asbestos Containing & Non-asbestos Containing Materials Sampled by Hygienetics

Sample Number	Material Description/Location	Quantity	Friable (Y/N)	PLM Result % Type
02260367601A 02260367601B 02260367601C	Transite Fume Hood/3rd Floor Lab 3028	See Table 2	N	35% Chrysotile
02260367602A 02260367602B 02260367602C	Cove Base Mastic/2nd Floor Room 2011	N/A	N	NAD
02260367603A 02260367603B 02260367603C	Black Mastic underneath 1'x1' Wall Tile/2nd Floor Room 2011	N/A	N	NAD
02260367604A 02260367604B 02260367604C	Yellow Mastic underneath Vinyl Wall Covering/2nd Floor Freight Elevator Lobby	N/A	N	NAD
02280367601A	Concrete Overspray/1st Floor Hallway by Conference Room	N/A	N	NAD
02280367601B	Concrete Overspray/2nd Floor Room 2082	N/A	N	NAD
02280367601C	Concrete Overspray/3rd Floor by Stairwell #4	N/A	N	NAD
02280367601D	Concrete Overspray/4th Floor by Lab 4764	N/A	N	NAD
02280367601E	Concrete Overspray/5th Floor by Office 5320	N/A	N	NAD
02280367601F	Concrete Overspray/6th Floor by Office 6002A	N/A	N	NAD
02280367602A 02280367602B 02280367602C	Gasket Material Associated with Glass Dryer/Basement "Media Prep" Section	See Table 2	N	85% Chrysotile
02280367603A	Drywall/2nd Floor Room 2082	N/A	N	NAD
02280367603B	Drywall/4th Floor Room 4405	N/A	N	NAD
02280367603C	Drywall/5th Room 5413	N/A	N	NAD
03030367601A 03030367601B 03030367601C	Mudded insulation on Round Ductwork/Penthouse Mechanical Area	N/A	Y	NAD

Federal Office Building 8
200 C Street SW
Washington, DC

Analysis Results Summary
Asbestos Containing & Non-asbestos Containing Materials Sampled by Hygienetics

Sample Number	Material Description/Location	Quantity	Friable (Y/N)	PLM Result % Type
03030367602A 03030367602B 03030367602C	Silver Paint on AHU Door/Penthouse Mechanical Area	N/A	N	NAD
03050367601A 03050367601B 03050367601C	Fill Material in Wall Adjacent to Autoclave/2nd Floor Autoclave Area	N/A	N	NAD
03050367602A 03050367602B 03050367602C	Firebrick in Incinerator/ Subbasement Incinerator Room	N/A	N	NAD
042903100001A 042903100001B 042903100001C	Roof Material/Upper Roof	N/A	N	NAD
042903100002A 042903100002B 042903100002C	Roof Material/Upper Roof	N/A	N	NAD
042903100003A 042903100003B 042903100003C	Roof Flashing/Upper Roof	500	N	10% Chrysotile
042903100004A 042903100004B 042903100004C	Roof Flashing/Upper Roof	500	N	10% Chrysotile
042903100005A 042903100005B 042903100005C	Woven Wall Anchors /2nd Floor "Prototype Lab"	N/A	N	NAD

(50)

ASBESTOS BULK SAMPLE DATA FORM

PROJECT: FOB #8 Food & Drug Admin

	SAMPLE ID NO.	TYPE*	FLOOR #	DESCRIPTION OF SAMPLING LOCATION & COMMENTS	GROUP
1	0219036760 1A	B	B	MEDIA PREP Linoleum Sheeting on Wall	
2	01B	B	B		
3	01C	B	B		
4	02A	B	B	Assk. Yellow Mastic	
5	02B	B	B		
6	02C	B	B		
7	03A	B	B	Black coating on metal lab tops	
8	03B	B	B		
9	03C	B	B		
10	04A	B	B	STURE ZOOM 1'x1' White Ceiling Tile w/ Pinholes	
11	04B	B	B		
12	04C	B	B		

ACCOUNTABILITY RECORD PAGE 1 OF 2

REQUESTED COMPLETION DATE: 2/21/03
JOB NO: 3600.254 BATCH: 14 - 4076
CLIENT NAME: GSA Metcalf & Eddy
SAMPLER'S NAME: William Dallas
SIGNATURE: William Dallas
DATE: 2/19/03 TIME:
METHOD OF SHIPMENT: FED EX
LAB NAME: HLS
ADDRESS: Boston, MA
RECEIVED BY: B CLARK
DATE: 2-20-03 TIME: 9:30 am SIGNATURE:
ANALYST: [signature] DATE: 2-20-03
LAB QC APPROVAL: [signature]

☒ ANALYZE TO FIRST POSITIVE BY GROUP ☒ FAX REPORT
☒ PRINTED REPORT REQUIRED ☐ E-MAIL REPORT

PLM ANALYTICAL LABORATORY RESULTS

	LAB ID NO.	ASBESTOS CONCENTRATIONS** CH	AM	CR	AC	AN	TR	CONCENTRATIONS OF OTHER COMPONENTS FG	MW	CL	SY	HA	NF	OT	SAMPLE COLOR	PC CONC	NY-PC CONC	CA-PC CONC	ANALYSIS COMMENTS
1	0404076-P1												100		Gray				
2	02												100		Gray				
3	03												100		Gray				
4	04												100		Yellow				
5	05												100		Yellow				
6	06												100		Yellow				
7	07	2											98		Black				
8	08																		Sample not analyzed
9	09																		
10	10								90				10		Gray				
11	11								90				10		Gray				
12	12								90				10		Gray				

ADDITIONAL COMMENTS: Please fax Results to office and to Dallas' fax # 301-445-6434

SAMPLE TYPE CODES
S = BULK MATERIAL
O = DEBRIS SAMPLE
SD/T = SURFACE DUST—TAPE SAMPLE
SD/V = SURFACE DUST—VACUUM SAMPLE
SD/G = SURFACE DUST—GRAB SAMPLE

ASBESTOS TYPE CODES
CH = CHRYSOTILE
AM = AMOSITE
CR = CROCIDOLITE
AC = ACTINOLITE
AN = ANTHOPHYLLITE
TR = TREMOLITE
**CONCENTRATIONS DETERMINED BY CALIBRATED VISUAL ESTIMATION TECHNIQUE UNLESS OTHERWISE NOTED

ABBREVIATIONS FOR OTHER COMPONENTS
FG = FIBERGLASS
MW = MINERAL WOOL
CL = CELLULOSE
SY = SYNTHETIC FIBER
HA = HAIR
NF = NON-FIBROUS MATERIAL
OT = OTHER
PC = POINT COUNTING
NY-PC = NEW YORK STATE POINT COUNTING
CA-PC = CALIFORNIA STATE POINT COUNTING

NO. OF SAMPLES SUBMITTED: RATE: 10.00

CONFIRMATION NO.: 21902

WHITE (ORIGINAL) SHEET — LABORATORY YELLOW SHEET — FIELD OFFICE

REV. 07/2000

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Federal Office Building No. 8
Building Renovation for General Services Administration
Washington, DC

Building Survey Report – Environmental Hazards

May 16, 2003

LBP XRF Survey Readings

DESCRIPTION OF COLUMN HEADINGS IN THE XRF REPORT

No - Reading number

Flr - Floor of the house, building, etc.

Side - Side of the house, building or room where the measurement is made.

Room - Room of the house, building, etc.

Strc- Structure - Door, Wall, ect.

Sub - Substrate of the component tested (Wood, concrete, metal, etc.)

Feat - Amplifying information of component tested.

Cnd - Condition of the surface of the component.

Date/Time - Date and time of reading.

DI - Estimated depth of the lead in the surface coating.

Res - Results of the reading - POSITIVE OR NEGATIVE

Pbl ± Prec - Lead atom L shell measurement.

Pbk ± Prec - Lead atom K shell measurement.

ENVIRONMENTAL ASSESSMENT, TESTING AND ANALYSIS, INC.
PO BOX 1557 CLINTON, MARYLAND 20735
Serial #XL700-U892NR0697 Site: FOB 8, Washington, DC Date: 2/13/2003 to 2/24/2003

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
1			Calibrate					18.0	2/13/2003 09:19:55	1.1	POS	1.62 ± 0.23	1.68 ± 0.87
2			Calibrate					22.5	2/13/2003 09:21:07	1.0	POS	1.54 ± 0.20	0.91 ± 0.74
3			Calibrate					18.1	2/13/2003 09:21:48	1.0	POS	1.49 ± 0.19	1.57 ± 0.81
23	5	A	Hall 1	Wall	Rubber	Baseboard	Intact	17.1	2/13/2003 09:53:24	1.9	POS	0.59 ± 0.20	1.96 ± 1.00
25	5	A	Hall 1	Wall	Rubber	Baseboard	Intact	24.1	2/13/2003 09:58:31	2.0	POS	0.67 ± 0.18	1.09 ± 0.96
94	SB	A	Room 46	Door	Wood	Door	Intact	21.0	2/13/2003 14:36:03	1.6	POS	0.84 ± 0.19	0.77 ± 0.68
96	SB	A	Room 46	Door	Wood	Door	Intact	21.1	2/13/2003 14:38:06	1.6	POS	0.66 ± 0.17	0.35 ± 0.66
110	Bsmt	C	Room 766	Door	Wood	Door	Intact	16.7	2/13/2003 15:17:45	3.1	POS	1.25 ± 0.42	0.48 ± 0.85
117			Calibrate					30.7	2/14/2003 06:57:30	1.0	POS	1.70 ± 0.17	1.18 ± 0.65
118			Calibrate					24.4	2/14/2003 06:58:29	1.0	POS	1.68 ± 0.19	1.07 ± 0.79
119			Calibrate					15.8	2/14/2003 06:59:15	1.0	POS	1.72 ± 0.25	1.75 ± 0.94
212	6	D	Room 6812	Fume Hood	Metal		Intact	9.6	2/14/2003 10:50:40	1.1	POS	1.17 ± 0.27	1.29 ± 1.55
213	6	D	Room 6812	Fume Hood	Metal		Intact	9.6	2/14/2003 10:51:29	1.1	POS	1.17 ± 0.27	1.51 ± 1.52
264			Calibrate					17.9	2/20/2003 08:06:07	1.0	POS	1.75 ± 0.24	1.35 ± 0.90
265			Calibrate					20.0	2/20/2003 08:06:43	1.0	POS	1.79 ± 0.23	0.95 ± 0.84
266			Calibrate					17.9	2/20/2003 08:07:22	1.0	POS	1.74 ± 0.23	1.56 ± 0.91
398	4	A	Hall 4	Wall	Rubber	Baseboard	Intact	14.9	2/20/2003 13:00:40	1.8	POS	0.49 ± 0.19	2.06 ± 1.05
399	4	A	Hall 4	Wall	Rubber	Baseboard	Intact	28.7	2/20/2003 13:01:59	2.0	POS	0.65 ± 0.16	1.35 ± 0.77
497	4	A	Hall 2	Wall	Rubber	Baseboard	Intact	21.8	2/20/2003 14:12:26	2.3	POS	0.82 ± 0.23	1.56 ± 0.87
498	4	A	Hall 2	Wall	Rubber	Baseboard	Intact	21.8	2/20/2003 14:13:14	2.4	POS	0.82 ± 0.24	1.32 ± 0.81
501			Calibrate					5.1	2/21/2003 08:41:32	1.0	POS	1.58 ± 0.22	0.77 ± 1.89
502			Calibrate					7.3	2/21/2003 08:41:47	1.0	POS	1.63 ± 0.20	1.26 ± 1.46
503			Calibrate					20.1	2/21/2003 08:42:02	1.1	POS	1.83 ± 0.23	1.73 ± 0.86
705	Bsmt	D	Garage	Floor	Concrte		Intact	3.0	2/21/2003 14:11:54	1.9	POS	>>5.0	5.99 ± 4.48
706	Bsmt	D	Garage	Floor	Concrte		Intact	3.0	2/21/2003 14:12:11	1.9	POS	>>5.0	7.56 ± 4.59
707	Bsmt	D	Garage	Floor	Concrte		Intact	9.9	2/21/2003 14:12:41	1.1	POS	1.09 ± 0.26	1.37 ± 1.53
709			Calibrate					9.5	2/24/2003 09:01:52	1.0	POS	1.57 ± 0.18	0.91 ± 1.37
710			Calibrate					5.2	2/24/2003 09:02:12	1.0	POS	1.52 ± 0.21	1.06 ± 1.98
711			Calibrate					18.2	2/24/2003 09:02:24	1.1	POS	1.76 ± 0.24	1.13 ± 0.93
719	7	B	AHU 11-2	Motor	Metal	Base	Intact	5.5	2/24/2003 09:18:08	4.8	POS	>>5.0	6.59 ± 2.86
721	7	B	AHU 2	Base	Metal	Unlisted	Intact	4.9	2/24/2003 09:21:21	2.1	POS	1.20 ± 0.65	7.65 ± 3.23
723	7	B	AHU 2	Motor	Metal		Intact	14.1	2/24/2003 09:22:51	1.0	POS	0.04 ± 0.02	2.41 ± 1.19
728	7	C	AHU 11	Motor	Metal	Base	Intact	3.1	2/24/2003 09:32:34	4.0	POS	>>5.0	9.74 ± 4.42
732	7	A	Power Station	Floor	Concrte		Intact	9.8	2/24/2003 09:36:31	1.8	POS	1.87 ± 0.49	2.38 ± 1.56
735	7	A	AHU 13	Support	Metal	Stand	Intact	2.9	2/24/2003 09:41:07	1.5	POS	4.37 ± 1.72	7.04 ± 7.69
737	7	A	AHU 13	AHU	Metal		Intact	3.1	2/24/2003 09:43:14	2.9	POS	>>5.0	9.02 ± 4.79
738	7	B	AHU 15	AHU	Metal		Intact	5.4	2/24/2003 09:44:30	4.1	POS	>>5.0	7.99 ± 3.54

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
739	7	B	AHU 15	AHU	Metal		Intact	3.1	2/24/2003 09:45:13	2.4	POS	>>5.0	7.55 ± 4.41
741	7	A	AHU 16	AHU	Metal		Intact	3.1	2/24/2003 09:49:23	2.0	POS	>>5.0	6.83 ± 4.37
742	7	A	AHU 18	AHU	Metal		Intact	3.0	2/24/2003 09:50:24	2.3	POS	>>5.0	7.44 ± 7.45
745	7	A	AHU 3	Motor	Metal	Base	Intact	10.1	2/24/2003 09:53:16	4.4	POS	3.08 ± 1.30	4.02 ± 1.82
746	7	A	AHU 3	Motor	Metal	Base	Intact	11.5	2/24/2003 09:53:52	5.1	POS	2.96 ± 1.33	5.31 ± 2.92
750	7	C	AHU 22	Motor	Metal	Base	Intact	3.0	2/24/2003 09:58:12	3.3	POS	>>5.0	16.23 ± 5.64
751	7	B	AHU 22	Fan	Metal	Cover	Intact	2.9	2/24/2003 09:59:06	2.3	POS	>>5.0	16.63 ± 8.67
754	7	B	AHU 27	Motor	Metal	Base	Intact	7.8	2/24/2003 10:02:54	2.9	POS	3.00 ± 1.11	3.03 ± 2.20
755	7	D	AHU 8	Motor	Metal	Base	Intact	7.8	2/24/2003 10:03:44	5.2	POS	2.10 ± 1.37	5.27 ± 2.07
756	7	D	AHU 7	Motor	Metal	Base	Intact	7.7	2/24/2003 10:04:16	4.9	POS	>>5.0	3.92 ± 2.35
757	7	D	AHU 27	AHU	Metal		Intact	7.8	2/24/2003 10:04:55	4.3	POS	4.46 ± 1.63	6.21 ± 2.50
760	7	B	AHU 6	Motor	Metal	Base	Intact	5.4	2/24/2003 10:07:12	4.2	POS	>>5.0	7.30 ± 3.08
763	7	B	AHU 5	Motor	Metal	Base	Intact	5.4	2/24/2003 10:09:13	4.6	POS	>>5.0	7.53 ± 3.08
771	7	D	Penthouse	Bench	Metal		Intact	3.0	2/24/2003 10:25:42	2.5	POS	>>5.0	4.83 ± 4.22
772	7	D	Penthouse	Bench	Metal		Intact	3.0	2/24/2003 10:26:35	2.1	POS	>>5.0	9.84 ± 5.12
773	7	D	AHU 1	AHU	Metal		Intact	4.8	2/24/2003 10:27:59	1.6	POS	>>5.0	5.93 ± 3.49
776	7	D	Outside Roof	Ceiling	Metal	Beam	Peeling	12.2	2/24/2003 10:31:13	10.0	POS	2.95 ± 3.15	3.33 ± 1.61
777	7	D	Outside Roof	Ceiling	Metal	Beam	Peeling	3.0	2/24/2003 10:31:43	5.3	POS	>>5.0	16.17 ± 5.85
780	7	B	AHU 25	Motor	Metal	Base	Intact	3.0	2/24/2003 10:33:51	2.9	POS	>>5.0	7.53 ± 5.81
803	7	D	AHU 20	Motor	Metal	Base	Intact	3.1	2/24/2003 10:51:18	3.3	POS	>>5.0	11.97 ± 5.77
804	7	D	AHU 20	AHU	Metal		Intact	3.1	2/24/2003 10:51:35	2.2	POS	>>5.0	8.33 ± 5.20
806	7	D	AHU 26	AHU	Metal		Intact	3.1	2/24/2003 10:52:57	4.7	POS	>>5.0	9.64 ± 4.71
807	7	D	AHU 27	AHU	Metal		Intact	3.0	2/24/2003 10:53:42	2.4	POS	>>5.0	12.99 ± 5.32
808	Bsmt	A	Hall	Wall	Rubber	Baseboard	Intact	10.0	2/24/2003 11:01:06	1.9	POS	1.51 ± 0.44	3.42 ± 1.75
820	Bsmt	A	Hall	Wall	Rubber	Baseboard	Intact	21.7	2/24/2003 11:10:26	2.6	POS	0.98 ± 0.28	1.67 ± 0.93

ENVIRONMENTAL ASSESSMENT, TESTING AND ANALYSIS, INC.
PO BOX 1557 CLINTON, MARYLAND 20735
Serial #XL700-U892NR0697 Site: FOB 8, Washington, DC Date: 2/13/2003 to 2/24/2003

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
1			**Calibrate**					**18.0**	**2/13/2003 09:19:55**	**1.1**	**POS**	**1.62 ± 0.23**	**1.68 ± 0.87**
2			**Calibrate**					**22.5**	**2/13/2003 09:21:07**	**1.0**	**POS**	**1.54 ± 0.20**	**0.91 ± 0.74**
3			**Calibrate**					**18.1**	**2/13/2003 09:21:48**	**1.0**	**POS**	**1.49 ± 0.19**	**1.57 ± 0.81**
4	5	A	Room 5772	Door	Metal	Casing	Intact	8.0	2/13/2003 09:27:59	1.7	NEG	0.04 ± 0.16	1.28 ± 1.47
5	5	A	Room 5772	Wall	Drywall		Peeling	17.3	2/13/2003 09:28:33	2.3	NEG	0.08 ± 0.13	-0.02 ± 0.90
6	5	B	Room 5772	Window	Metal	Stool	Peeling	5.7	2/13/2003 09:30:07	1.0	NEG	0.02 ± 0.02	1.20 ± 2.02
7	5	B	Room 5772	Window	Metal	Casing	Intact	5.6	2/13/2003 09:30:26	1.8	NEG	0.04 ± 0.26	-0.74 ± 1.79
8	5	B	Room 5772	Wall	Plaster		Intact	17.3	2/13/2003 09:31:59	2.5	NEG	0.06 ± 0.15	-0.04 ± 0.86
9	5	B	Room 5772	Fume Hood	Metal		Intact	5.1	2/13/2003 09:32:40	6.3	NEG	0.07 ± 0.20	0.01 ± 1.99
10	5	B	Room 5772	Wall	Metal	Wall Rgstr	Peeling	3.3	2/13/2003 09:33:15	1.0	NEG	0.02 ± 0.10	1.00 ± 2.62
11	5	C	Room 5772	Cabinet	Metal	Door Out	Intact	5.3	2/13/2003 09:33:57	1.3	NEG	0.18 ± 0.19	-0.64 ± 1.96
12	5	C	Room 5772	Wall	Concrte		Intact	15.0	2/13/2003 09:34:57	1.0	NEG	0.02 ± 0.05	-0.52 ± 1.04
13	5	C	Room 5772	Fume Hood	Metal		Intact	3.1	2/13/2003 09:36:02	1.0	NEG	0.01 ± 0.24	0.49 ± 2.83
14	5	B	Room 5760	Door	Metal	Casing	Intact	3.3	2/13/2003 09:37:11	1.3	NEG	0.05 ± 0.26	-0.64 ± 2.84
15	5	B	Room 5760	Wall	Metal		Intact	3.3	2/13/2003 09:37:34	1.4	NEG	0.04 ± 0.32	-0.55 ± 2.91
16	5	B	Room 5760	Wall	Plaster		Intact	12.6	2/13/2003 09:38:42	2.0	NEG	0.07 ± 0.14	0.09 ± 1.09
17	5	D	Room 5760	Wall	Metal		Intact	3.3	2/13/2003 09:39:23	1.0	NEG	0.04 ± 0.19	-1.20 ± 2.84
18	5	A	Room 5760	Wall	Plaster		Intact	15.0	2/13/2003 09:39:45	2.1	NEG	0.04 ± 0.14	-0.55 ± 0.99
19	5	A	Room 5760	Wall	Plaster		Intact	17.3	2/13/2003 09:40:59	1.2	NEG	0.03 ± 0.05	-0.72 ± 0.97
20	5	A	Room 5760	Cabinet Lwr	Metal	Door Out	Intact	3.1	2/13/2003 09:41:59	1.0	NEG	0.01 ± 0.22	0.79 ± 2.85
21	5	A	Room 5760	Door	Metal	Casing	Intact	5.6	2/13/2003 09:44:54	1.3	NEG	0.03 ± 0.18	0.06 ± 2.45
22	5	B	Room 5760	Wall	Rubber	Baseboard	Intact	22.1	2/13/2003 09:51:22	5.5	NEG	0.08 ± 0.20	-0.48 ± 0.82
23	**5**	**A**	**Hall 1**	**Wall**	**Rubber**	**Baseboard**	**Intact**	**17.1**	**2/13/2003 09:53:24**	**1.9**	**POS**	**0.59 ± 0.20**	**1.96 ± 1.00**
24	5	A	Hall 1	Wall	Plaster		Intact	14.9	2/13/2003 09:57:17	1.0	NEG	0.01 ± 0.09	-0.36 ± 1.03
25	**5**	**A**	**Hall 1**	**Wall**	**Rubber**	**Baseboard**	**Intact**	**24.1**	**2/13/2003 09:58:31**	**2.0**	**POS**	**0.67 ± 0.18**	**1.09 ± 0.96**
26	SB	A	Hall 1	Wall	Concrte		Intact	24.2	2/13/2003 11:41:07	1.1	NEG	0.01 ± 0.07	0.27 ± 0.84
27	SB	A	Hall 1	Door 1	Metal	Casing	Intact	8.0	2/13/2003 11:42:23	1.8	NEG	0.19 ± 0.19	-0.51 ± 1.69
28	SB	A	Hall 1	Door 3	Metal	Casing	Intact	3.3	2/13/2003 11:42:48	1.0	NEG	0.10 ± 0.20	1.16 ± 2.70
29	SB	A	Room 333	Door	Metal	Casing	Intact	3.3	2/13/2003 11:43:34	1.0	NEG	0.02 ± 0.20	-0.78 ± 3.27
30	SB	A	Room 333	Door	Metal	Door	Intact	10.2	2/13/2003 11:43:45	2.0	NEG	0.22 ± 0.19	-0.23 ± 1.46
31	SB	A	Room 823	Door	Metal	Door	Intact	10.1	2/13/2003 11:44:24	2.7	NEG	0.26 ± 0.27	-0.09 ± 1.41
32	SB	A	Room 823	Door	Metal	Casing	Intact	5.7	2/13/2003 11:44:48	2.1	NEG	0.03 ± 0.32	-0.86 ± 1.84
33	SB	C	Hall 1	Wall	Concrte		Intact	14.9	2/13/2003 11:45:25	5.3	NEG	0.02 ± 0.06	-0.78 ± 1.10
34	SB	C	Hall 1	Floor	Concrte		Intact	12.6	2/13/2003 11:45:56	1.0	NEG	0.00 ± 0.01	-0.20 ± 1.16
35	SB	C	Hall 1	Wall	Rubber	Baseboard	Intact	19.8	2/13/2003 11:46:31	1.0	NEG	0.00 ± 0.01	-0.64 ± 0.92
36	SB	B	Hall 2	Door 4	Metal	Casing	Intact	3.3	2/13/2003 11:53:38	1.0	NEG	0.12 ± 0.06	1.01 ± 3.26
37	SB	B	Hall 2	Door 4	Metal	Elevator	Intact	3.1	2/13/2003 11:53:51	1.0	NEG	0.00 ± 0.09	-0.32 ± 2.91

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
38	SB	B	Hall 2	Door 5	Metal	Casing	Intact	3.3	2/13/2003 11:54:12	1.0	NEG	0.14 ± 0.21	1.19 ± 3.16
39	SB	B	Hall 2	Door 5	Metal	Elevator	Intact	3.2	2/13/2003 11:54:23	1.0	NEG	0.00 ± 0.05	-0.68 ± 2.90
40	SB	C	Hall 2	Door	Metal	Casing Lft	Intact	10.4	2/13/2003 11:54:43	3.2	NEG	0.08 ± 0.28	0.15 ± 1.42
41	SB	C	Hall 2	Door	Metal	Door Lft	Intact	10.2	2/13/2003 11:55:06	2.0	NEG	0.35 ± 0.23	0.14 ± 1.41
42	SB	A	Hall 2	Wall	Rubber	Baseboard	Intact	31.5	2/13/2003 11:55:44	3.4	NEG	0.15 ± 0.13	0.50 ± 0.61
43	SB	A	Hall 2	Floor	Concrte		Intact	10.3	2/13/2003 11:56:45	1.0	NEG	0.00 ± 0.01	-0.24 ± 1.36
44	SB	C	Hall 2	Wall	Concrte		Intact	10.2	2/13/2003 11:57:13	1.0	NEG	0.00 ± 0.05	-0.87 ± 1.26
45	SB	C	Hall 2	Door 6	Metal	Casing	Intact	3.3	2/13/2003 12:01:58	1.0	NEG	0.09 ± 0.11	0.43 ± 2.88
46	SB	C	Hall 2	Door 6	Metal	Elevator	Intact	3.2	2/13/2003 12:02:09	1.0	NEG	0.00 ± 0.05	-0.01 ± 2.94
47	SB	D	Hall 2	Wall	Concrte		Intact	21.9	2/13/2003 12:02:42	5.5	NEG	0.05 ± 0.14	-0.11 ± 0.86
48	SB	A	Hall 2	Door 7	Metal	Casing	Intact	3.3	2/13/2003 12:03:35	1.0	NEG	0.12 ± 0.15	-0.90 ± 3.07
49	SB	A	Hall 2	Door 7	Metal	Elevator	Intact	3.2	2/13/2003 12:03:46	1.0	NEG	0.01 ± 0.21	0.88 ± 2.83
50	SB	B	Hall 3	Door	Metal	Casing	Intact	3.3	2/13/2003 13:04:09	1.0	NEG	0.02 ± 0.19	0.96 ± 3.04
51	SB	B	Hall 3	Door	Metal	Door	Intact	21.9	2/13/2003 13:04:23	1.7	NEG	0.18 ± 0.09	-0.11 ± 0.94
52	SB	A	Hall 3	Wall	Wood		Intact	7.7	2/13/2003 13:05:44	7.4	NEG	0.08 ± 0.18	-1.83 ± 1.27
53	SB	C	Hall 3	Wall	Concrte		Intact	15.0	2/13/2003 13:07:41	2.4	NEG	0.02 ± 0.18	-0.46 ± 0.90
54	SB	C	Hall 4	Wall	Wood		Intact	3.2	2/13/2003 13:08:57	1.0	NEG	0.01 ± 0.27	-0.61 ± 1.80
55	SB	A	Hall 4	Wall	Concrte		Intact	15.0	2/13/2003 13:09:15	1.0	NEG	0.00 ± 0.08	-0.09 ± 1.08
56	SB	A	Hall 4	Wall	Concrte	Lft	Intact	21.9	2/13/2003 13:10:35	3.1	NEG	0.02 ± 0.14	-0.07 ± 0.88
57	SB	A	Hall 4	Horizontal	Metal	Duct	Intact	3.3	2/13/2003 13:16:22	4.4	NEG	0.07 ± 0.31	-0.65 ± 2.87
58	SB	A	Hall 4	Horizontal	Cloth	Duct	Intact	22.1	2/13/2003 13:16:44	1.5	NEG	0.02 ± 0.07	-0.12 ± 0.62
59	SB	A	Hall 1	Horizontal	Metal	Duct	Intact	8.0	2/13/2003 13:18:54	1.2	NEG	0.00 ± 0.12	-0.14 ± 1.08
60	SB	A	Hall 1	Ceiling	Metal	Pipes	Intact	22.0	2/13/2003 13:20:02	4.8	NEG	0.06 ± 0.17	0.03 ± 0.92
61	SB	A	Hall 1	Ceiling	Metal	Pipes Red	Intact	5.0	2/13/2003 13:22:51	1.1	NEG	0.01 ± 0.21	-0.26 ± 2.14
62	SB	B	Room 40	Ceiling	Metal	Pipes Red	Intact	5.0	2/13/2003 13:25:50	1.0	NEG	0.00 ± 0.06	-0.54 ± 2.04
63	SB	B	Room 40	Floor	Concrte		Intact	21.8	2/13/2003 13:26:27	9.2	NEG	0.03 ± 0.10	-0.22 ± 0.88
64	SB	B	Room 40	Wall Upr	Concrte		Intact	22.0	2/13/2003 13:28:09	3.4	NEG	0.03 ± 0.17	-0.01 ± 0.86
65	SB	B	Room 40	Wall Lwr	Concrte		Intact	22.0	2/13/2003 13:28:55	1.1	NEG	0.10 ± 0.06	0.14 ± 0.86
66	SB	C	Room 40	Floor	Concrte		Intact	19.7	2/13/2003 13:29:58	2.9	NEG	0.01 ± 0.02	-0.56 ± 0.90
67	SB	C	Room 40	Door	Metal	Casing	Intact	12.7	2/13/2003 13:30:40	2.2	NEG	0.10 ± 0.15	-0.20 ± 1.29
68	SB	A	Room 40	Door	Metal	Casing	Intact	3.3	2/13/2003 13:31:28	1.3	NEG	0.06 ± 0.25	-0.65 ± 3.34
69	SB	A	Room 40	Door	Metal	Door	Intact	3.2	2/13/2003 13:31:38	1.4	NEG	0.04 ± 0.32	-0.33 ± 2.27
70	SB	D	Room 40	Tank	Metal		Peeling	3.3	2/13/2003 13:32:12	1.3	NEG	0.06 ± 0.26	0.59 ± 2.99
71	SB	A	Room 321	Door	Metal	Casing	Intact	3.3	2/13/2003 13:35:33	1.1	NEG	0.02 ± 0.32	-1.79 ± 3.23
72	SB	A	Room 321	Door	Metal	Door	Intact	5.6	2/13/2003 13:35:47	1.1	NEG	0.22 ± 0.17	-0.32 ± 2.10
73	SB	A	Room 321	Stairs	Metal	Tread	Intact	26.4	2/13/2003 13:37:51	4.7	NEG	0.50 ± 0.29	0.09 ± 0.88
74	SB	D	Room 321	Wall	Concrte		Intact	22.0	2/13/2003 13:38:51	1.0	NEG	0.00 ± 0.09	-0.09 ± 0.84
75	SB	D	Room 321	Floor	Concrte		Intact	21.8	2/13/2003 13:39:42	1.0	NEG	0.00 ± 0.01	0.26 ± 0.85
76	SB	D	Room 321	Compressor #1	Metal		Intact	22.0	2/13/2003 13:43:56	1.4	NEG	0.23 ± 0.09	0.04 ± 0.95
77	SB	D	Room 321	Floor	Concrte		Intact	7.7	2/13/2003 13:45:03	1.6	NEG	0.04 ± 0.17	-0.64 ± 1.72

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
398	**4**	**A**	**Hall 4**	**Wall**	**Rubber**	**Baseboard**	**Intact**	**14.9**	**2/20/2003 13:00:40**	**1.8**	**POS**	**0.49 ± 0.19**	**2.06 ± 1.05**
399	**4**	**A**	**Hall 4**	**Wall**	**Rubber**	**Baseboard**	**Intact**	**28.7**	**2/20/2003 13:01:59**	**2.0**	**POS**	**0.65 ± 0.16**	**1.35 ± 0.77**
400	4	A	Hall 4	Wall	Plaster		Intact	22.0	2/20/2003 13:02:58	2.6	NEG	0.03 ± 0.15	-0.39 ± 0.81
401	4	A	Hall 4	Wall	Plaster		Intact	3.3	2/20/2003 13:03:39	1.0	NEG	0.00 ± 0.17	-1.10 ± 3.13
402	4	A	Room 4016	Door	Metal	Casing	Intact	5.6	2/20/2003 13:05:27	7.0	NEG	0.12 ± 0.26	-0.62 ± 2.22
403	4	A	Room 4016	Wall	Plaster		Intact	5.5	2/20/2003 13:05:44	1.0	NEG	0.02 ± 0.13	-0.36 ± 1.20
404	4	B	Room 4016	Wall	Plaster		Intact	3.2	2/20/2003 13:06:02	1.0	NEG	0.01 ± 0.31	-0.16 ± 1.82
405	4	B	Room 4016	Cabinet	Metal	Door Out	Intact	3.1	2/20/2003 13:06:31	1.0	NEG	0.00 ± 0.07	0.40 ± 2.89
406	4	B	Room 4016	Fume Hood	Metal		Intact	3.3	2/20/2003 13:06:50	1.0	NEG	0.00 ± 0.07	-1.79 ± 3.48
407	4	D	Room 4016	Cabinet	Metal	Wall	Intact	5.7	2/20/2003 13:07:17	1.9	NEG	0.05 ± 0.27	0.65 ± 1.66
408	4	A	Room 4414	Door	Metal	Casing	Intact	3.3	2/20/2003 13:08:43	1.0	NEG	0.04 ± 0.16	0.87 ± 2.58
409	4	A	Room 4414	Wall	Plaster		Intact	3.2	2/20/2003 13:08:55	1.0	NEG	0.02 ± 0.04	0.40 ± 1.67
410	4	D	Room 4414	Wall	Plaster		Intact	3.2	2/20/2003 13:09:07	1.0	NEG	0.01 ± 0.14	-0.92 ± 1.78
411	4	D	Room 4414	Cabinet	Metal	Door Out	Intact	3.2	2/20/2003 13:09:25	1.0	NEG	0.03 ± 0.22	-0.39 ± 1.38
412	4	B	Room 4414	Fume Hood	Metal		Intact	3.3	2/20/2003 13:09:42	1.0	NEG	0.00 ± 0.03	-0.91 ± 3.06
413	4	C	Room 4414	Wall	Rubber	Baseboard	Intact	3.2	2/20/2003 13:10:04	1.0	NEG	0.03 ± 0.04	-0.13 ± 1.81
414	4	A	Room 4044	Door	Wood	Casing	Intact	3.2	2/20/2003 13:13:51	1.0	NEG	0.00 ± 0.10	0.38 ± 1.38
415	4	A	Room 4044	Wall	Other	Baseboard	Intact	3.2	2/20/2003 13:14:03	1.0	NEG	0.00 ± 0.05	0.91 ± 1.63
416	4	B	Room 4044	Wall	Plaster		Intact	7.9	2/20/2003 13:14:18	1.0	NEG	0.00 ± 0.06	0.06 ± 1.00
417	4	D	Room 4044	Wall	Plaster		Intact	3.2	2/20/2003 13:14:39	1.0	NEG	0.03 ± 0.25	0.16 ± 2.07
418	4	C	Room 4044	Wall	Plaster		Intact	3.2	2/20/2003 13:14:58	1.0	NEG	0.01 ± 0.07	-0.43 ± 2.09
419	4	A	Room 4048	Door	Metal	Casing	Intact	5.6	2/20/2003 13:15:24	1.8	NEG	0.04 ± 0.29	0.44 ± 2.03
420	4	D	Room 4048	Fume Hood	Metal		Intact	3.3	2/20/2003 13:15:45	1.0	NEG	0.00 ± 0.01	-0.19 ± 3.49
421	4	D	Room 4048	Cabinet	Metal	Door Out	Intact	3.3	2/20/2003 13:16:33	1.0	NEG	0.00 ± 0.01	0.07 ± 3.00
422	4	B	Room 4048	Wall	Plaster		Intact	5.5	2/20/2003 13:16:50	1.3	NEG	0.27 ± 0.21	-0.13 ± 2.22
423	4	D	Room 4048	Wall	Plaster		Intact	3.3	2/20/2003 13:17:15	1.4	NEG	0.04 ± 0.29	-1.15 ± 2.90
424	4	A	Room 4446	Door	Metal	Casing	Intact	3.2	2/20/2003 13:19:08	1.4	NEG	0.01 ± 0.29	-0.69 ± 1.74
425	4	A	Room 4446	Wall	Rubber	Baseboard	Intact	3.2	2/20/2003 13:19:22	1.0	NEG	0.00 ± 0.02	1.02 ± 1.41
426	4	A	Room 4446	Wall	Plaster		Intact	3.2	2/20/2003 13:19:34	1.0	NEG	0.00 ± 0.08	-0.47 ± 1.62
427	4	B	Room 4446	Cabinet	Metal	Door Out	Intact	3.3	2/20/2003 13:19:53	1.0	NEG	0.00 ± 0.03	-0.15 ± 2.65
428	4	B	Room 4446	Fume Hood	Metal		Intact	12.8	2/20/2003 13:20:05	1.0	NEG	0.00 ± 0.01	-1.38 ± 1.19
429	4	C	Room 4446	Door	Metal	Casing	Intact	3.3	2/20/2003 13:20:39	1.0	NEG	0.03 ± 0.16	-0.24 ± 3.38
430	4	A	Room 4052	Door	Metal	Casing	Intact	3.2	2/20/2003 13:22:28	1.0	NEG	0.01 ± 0.03	0.53 ± 1.49
431	4	A	Room 4052	Wall	Plaster		Intact	10.0	2/20/2003 13:22:38	7.0	NEG	0.14 ± 0.28	-0.60 ± 0.93
432	4	D	Room 4052	Cabinet	Metal	Door Out	Intact	3.3	2/20/2003 13:23:04	1.0	NEG	0.00 ± 0.11	-1.21 ± 3.05
433	4	C	Room 4052	Wall	Plaster		Peeling	3.3	2/20/2003 13:23:19	1.0	NEG	0.01 ± 0.20	-0.92 ± 3.06
434	4	B	Room 4052	Fume Hood	Metal		Intact	3.3	2/20/2003 13:23:39	1.0	NEG	0.00 ± 0.07	0.33 ± 3.06
435	4	A	Room 4056	Door	Metal	Casing	Intact	10.3	2/20/2003 13:24:44	3.3	NEG	0.13 ± 0.28	-1.23 ± 1.43
436	4	B	Room 4056	Cabinet	Metal	Door Out	Intact	3.2	2/20/2003 13:25:20	1.0	NEG	0.00 ± 0.14	-0.65 ± 2.03
437	4	B	Room 4056	Wall	Plaster		Intact	3.2	2/20/2003 13:25:31	1.0	NEG	0.00 ± 0.07	-0.45 ± 1.42

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
438	4	D	Room 4056	Wall	Plaster		Intact	3.2	2/20/2003 13:25:41	1.0	NEG	0.00 ± 0.06	0.18 ± 1.91
439	4	D	Room 4056	Wall	Rubber	Baseboard	Intact	3.2	2/20/2003 13:25:56	1.1	NEG	0.01 ± 0.28	-2.12 ± 2.29
440	4	D	Room 4056	Fume Hood	Metal		Intact	3.2	2/20/2003 13:26:13	1.0	NEG	0.00 ± 0.05	0.35 ± 2.25
441	4	A	Room 4064	Door	Metal	Casing	Intact	3.2	2/20/2003 13:28:06	1.0	NEG	0.00 ± 0.07	0.10 ± 2.23
442	4	B	Room 4064	Wall	Plaster		Intact	3.2	2/20/2003 13:28:18	1.0	NEG	0.00 ± 0.04	0.78 ± 1.90
443	4	B	Room 4064	Cabinet	Metal	Door Out	Intact	3.1	2/20/2003 13:28:34	1.2	NEG	0.16 ± 0.26	0.76 ± 2.53
444	4	D	Room 4064	Cabinet	Metal	Door Out	Intact	3.1	2/20/2003 13:28:44	1.0	NEG	0.10 ± 0.07	-0.70 ± 3.37
445	4	C	Room 4064	Wall	Plaster		Intact	3.2	2/20/2003 13:28:59	1.0	NEG	0.00 ± 0.17	0.02 ± 1.62
446	4	C	Room 4064	Door	Metal	Casing	Intact	3.2	2/20/2003 13:29:10	1.0	NEG	0.00 ± 0.12	0.29 ± 2.15
447	4	A	Room 4462	Door	Metal	Casing	Intact	5.5	2/20/2003 13:30:08	1.0	NEG	0.02 ± 0.18	0.21 ± 1.29
448	4	A	Room 4462	Wall	Plaster		Intact	3.3	2/20/2003 13:30:24	1.0	NEG	0.01 ± 0.21	-0.98 ± 3.35
449	4	B	Room 4462	Cabinet	Metal	Door Out	Intact	3.3	2/20/2003 13:30:41	1.0	NEG	0.00 ± 0.05	-0.87 ± 3.09
450	4	B	Room 4462	Wall	Plaster		Intact	3.3	2/20/2003 13:30:54	1.0	NEG	0.00 ± 0.03	1.27 ± 3.09
451	4	B	Room 4462	Fume Hood	Metal		Intact	5.4	2/20/2003 13:31:07	1.1	NEG	0.16 ± 0.16	0.87 ± 1.87
452	4	A	Room 4466	Door	Metal	Casing	Intact	3.2	2/20/2003 13:32:57	1.0	NEG	0.00 ± 0.04	-0.20 ± 1.58
453	4	B	Room 4466	Wall	Plaster		Intact	3.2	2/20/2003 13:33:12	1.0	NEG	0.00 ± 0.09	1.02 ± 1.56
454	4	D	Room 4466	Wall	Plaster		Intact	3.2	2/20/2003 13:33:24	1.0	NEG	0.00 ± 0.02	1.06 ± 1.79
455	4	B	Room 4466	Cabinet	Metal	Door Out	Intact	3.2	2/20/2003 13:33:39	1.0	NEG	0.00 ± 0.15	-0.33 ± 1.45
456	4	B	Room 4466	Fume Hood	Metal		Intact	3.2	2/20/2003 13:33:51	1.0	NEG	0.00 ± 0.06	-0.18 ± 1.68
457	4	C	Room 4466	Wall	Rubber	Baseboard	Intact	3.2	2/20/2003 13:34:17	1.0	NEG	0.00 ± 0.12	-0.04 ± 1.93
458	4	A	Room 4474	Door	Metal	Casing	Intact	3.2	2/20/2003 13:36:13	1.0	NEG	0.00 ± 0.02	1.22 ± 1.69
459	4	B	Room 4474	Wall	Plaster		Peeling	3.2	2/20/2003 13:36:31	1.0	NEG	0.02 ± 0.29	0.68 ± 1.74
460	4	C	Room 4474	Wall	Plaster		Intact	5.7	2/20/2003 13:36:46	1.3	NEG	0.06 ± 0.15	-0.25 ± 2.10
461	4	D	Room 4474	Cabinet	Metal	Door Out	Intact	8.1	2/20/2003 13:37:03	2.4	NEG	0.09 ± 0.23	1.29 ± 1.81
462	4	D	Room 4474	Fume Hood	Metal		Intact	10.4	2/20/2003 13:37:23	3.4	NEG	0.20 ± 0.31	-0.06 ± 1.40
463	4	A	Room 4076	Door	Metal	Casing	Intact	3.3	2/20/2003 13:38:58	1.0	NEG	0.01 ± 0.14	0.74 ± 2.70
464	4	A	Room 4076	Wall	Plaster		Intact	3.3	2/20/2003 13:39:10	1.0	NEG	0.00 ± 0.13	-1.03 ± 2.92
465	4	B	Room 4076	Wall	Plaster		Intact	3.3	2/20/2003 13:39:22	1.0	NEG	0.00 ± 0.02	0.87 ± 3.05
466	4	D	Room 4076	Cabinet	Metal	Door Out	Intact	3.3	2/20/2003 13:39:35	1.0	NEG	0.00 ± 0.01	0.34 ± 3.32
467	4	B	Room 4076	Fume Hood	Metal		Intact	3.3	2/20/2003 13:39:51	1.0	NEG	0.00 ± 0.01	-0.43 ± 3.22
468	4	B	Room 4076	Door	Metal	Casing	Intact	3.3	2/20/2003 13:40:13	1.0	NEG	0.02 ± 0.03	0.20 ± 2.98
469	4	A	Room 4072	Door	Metal	Casing	Intact	10.3	2/20/2003 13:42:16	3.6	NEG	0.08 ± 0.34	-0.46 ± 1.39
470	4	A	Room 4072	Wall	Plaster		Intact	5.4	2/20/2003 13:42:39	1.1	NEG	0.01 ± 0.29	-0.21 ± 1.20
471	4	B	Room 4072	Wall	Plaster		Intact	3.1	2/20/2003 13:42:59	1.0	NEG	0.08 ± 0.07	0.38 ± 2.70
472	4	C	Room 4072	Wall	Rubber	Baseboard	Intact	3.1	2/20/2003 13:43:16	1.0	NEG	0.08 ± 0.12	-0.18 ± 2.44
473	4	B	Room 4072	Cabinet	Metal	Door Out	Intact	5.3	2/20/2003 13:43:31	1.2	NEG	0.12 ± 0.16	0.54 ± 1.67
474	4	B	Room 4072	Fume Hood	Metal		Intact	3.3	2/20/2003 13:43:51	1.4	NEG	0.01 ± 0.21	1.26 ± 3.06
475	4	A	Room 4456	Door	Metal	Casing	Intact	3.2	2/20/2003 13:46:11	1.0	NEG	0.00 ± 0.06	-0.59 ± 1.89
476	4	A	Room 4456	Wall	Plaster		Intact	3.3	2/20/2003 13:46:26	1.0	NEG	0.00 ± 0.01	-2.43 ± 3.47
477	4	B	Room 4456	Wall	Plaster		Intact	3.3	2/20/2003 13:46:41	1.0	NEG	0.00 ± 0.14	-0.35 ± 2.75

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
478	4	B	Room 4456	Cabinet	Metal	Door Out	Intact	3.3	2/20/2003 13:46:53	1.0	NEG	0.00 ± 0.03	-0.70 ± 2.89
479	4	B	Room 4456	Fume Hood	Metal		Intact	3.3	2/20/2003 13:47:07	1.0	NEG	0.00 ± 0.02	-0.26 ± 2.98
480	4	A	Room 4448	Door	Metal	Casing	Intact	3.3	2/20/2003 13:48:05	1.1	NEG	0.02 ± 0.28	0.43 ± 3.04
481	4	B	Room 4448	Wall	Plaster		Intact	3.3	2/20/2003 13:48:20	1.0	NEG	0.00 ± 0.03	1.39 ± 3.10
482	4	C	Room 4448	Wall	Plaster		Intact	3.3	2/20/2003 13:48:31	1.0	NEG	0.00 ± 0.09	-0.15 ± 2.79
483	4	C	Room 4448	Wall	Rubber	Baseboard	Intact	3.3	2/20/2003 13:48:43	1.0	NEG	0.00 ± 0.01	0.12 ± 3.19
484	4	D	Room 4448	Cabinet	Metal	Door Out	Intact	3.3	2/20/2003 13:48:57	1.0	NEG	0.00 ± 0.03	-0.90 ± 3.49
485	4	D	Room 4448	Fume Hood	Metal		Intact	5.7	2/20/2003 13:49:10	1.0	NEG	0.00 ± 0.07	0.19 ± 2.09
486	4	A	Room 4444	Door	Metal	Casing	Intact	5.5	2/20/2003 13:50:31	1.0	NEG	0.02 ± 0.13	0.02 ± 1.34
487	4	A	Room 4444	Wall	Plaster		Intact	3.2	2/20/2003 13:50:47	1.0	NEG	0.02 ± 0.17	1.08 ± 1.70
488	4	C	Room 4444	Wall	Plaster		Intact	3.2	2/20/2003 13:51:03	1.0	NEG	0.00 ± 0.12	0.53 ± 2.03
489	4	D	Room 4444	Cabinet	Metal	Door Out	Intact	3.2	2/20/2003 13:51:19	1.0	NEG	0.00 ± 0.05	0.88 ± 2.09
490	4	B	Room 4444	Fume Hood	Metal		Intact	3.2	2/20/2003 13:51:37	1.0	NEG	0.00 ± 0.06	1.28 ± 1.84
491	4	A	Room 4440	Door	Metal	Casing	Intact	3.2	2/20/2003 13:52:45	1.0	NEG	0.01 ± 0.33	0.36 ± 1.97
492	4	A	Room 4440	Wall	Plaster		Intact	3.2	2/20/2003 13:52:58	1.0	NEG	0.00 ± 0.19	-0.16 ± 1.69
493	4	B	Room 4440	Cabinet	Metal	Door Out	Intact	3.2	2/20/2003 13:53:13	2.4	NEG	0.03 ± 0.08	0.92 ± 1.55
494	4	B	Room 4440	Fume Hood	Metal		Intact	3.2	2/20/2003 13:53:26	1.0	NEG	0.00 ± 0.20	0.11 ± 1.96
495	4	D	Room 4440	Cabinet	Metal	Door Out	Intact	3.2	2/20/2003 13:53:46	1.0	NEG	0.00 ± 0.09	0.16 ± 2.46
496	4	C	Room 4440	Door	Wood	Casing	Intact	3.2	2/20/2003 13:54:03	1.0	NEG	0.00 ± 0.06	1.23 ± 1.73
497	**4**	**A**	**Hall 2**	**Wall**	**Rubber**	**Baseboard**	**Intact**	**21.8**	**2/20/2003 14:12:26**	**2.3**	**POS**	**0.82 ± 0.23**	**1.56 ± 0.87**
498	**4**	**A**	**Hall 2**	**Wall**	**Rubber**	**Baseboard**	**Intact**	**21.8**	**2/20/2003 14:13:14**	**2.4**	**POS**	**0.82 ± 0.24**	**1.32 ± 0.81**
499	4	A	Hall 2	Wall	Plaster		Intact	12.6	2/20/2003 14:14:00	8.9	NEG	0.08 ± 0.14	-0.79 ± 1.03
500	4	A	Hall 2	Wall	Plaster		Intact	3.3	2/20/2003 14:14:25	4.7	NEG	0.07 ± 0.30	-2.24 ± 3.20
501			**Calibrate**					**5.1**	**2/21/2003 08:41:32**	**1.0**	**POS**	**1.58 ± 0.22**	**0.77 ± 1.89**
502			**Calibrate**					**7.3**	**2/21/2003 08:41:47**	**1.0**	**POS**	**1.63 ± 0.20**	**1.26 ± 1.46**
503			**Calibrate**					**20.1**	**2/21/2003 08:42:02**	**1.1**	**POS**	**1.83 ± 0.23**	**1.73 ± 0.86**
504	3	A	Stairway 2	Door	Metal	Casing		5.6	2/21/2003 09:47:49	2.1	NEG	0.03 ± 0.27	-0.12 ± 2.07
505	3	C	Stairway 2	Stairs	Metal	Rail cap		15.0	2/21/2003 09:48:12	3.2	NEG	0.17 ± 0.21	0.64 ± 1.14
506	3	C	Stairway 2	Stairs	Metal	Newal post		10.2	2/21/2003 09:48:48	2.3	NEG	0.10 ± 0.18	-1.01 ± 1.57
507	3	C	Stairway 2	Stairs	Concrte	Tread		7.9	2/21/2003 09:49:16	1.0	NEG	0.00 ± 0.01	-1.18 ± 1.77
508	3	C	Stairway 2	Stairs	Concrte	Riser		3.2	2/21/2003 09:49:45	1.1	NEG	0.04 ± 0.21	0.09 ± 3.54
509	3	C	Stairway 2	Wall	Concrte			10.2	2/21/2003 09:49:57	2.0	NEG	0.01 ± 0.03	-0.33 ± 1.31
510	3	D	Stairway 2	Floor	Metal	Pipes		10.3	2/21/2003 09:50:26	3.9	NEG	0.05 ± 0.20	0.50 ± 1.50
511	3	D	Stairway 2	Floor	Metal	Pipes		3.3	2/21/2003 09:50:47	1.2	NEG	0.05 ± 0.24	-1.14 ± 3.36
512	3	A	Stairway 2	Door	Metal	Door		3.3	2/21/2003 09:51:01	1.0	NEG	0.03 ± 0.14	-1.38 ± 3.24
513	3	A	Stairway 2	Floor	Concrte			3.3	2/21/2003 09:51:12	1.0	NEG	0.04 ± 0.12	-0.23 ± 2.83
514	3	A	Room 3060	Door	Metal	Casing		3.2	2/21/2003 09:54:19	1.0	NEG	0.01 ± 0.03	-0.77 ± 1.82
515	3	B	Room 3060	Fume Hood	Metal	Wall		3.1	2/21/2003 09:54:38	1.4	NEG	0.01 ± 0.25	1.11 ± 3.10
516	3	B	Room 3060	Fume Hood	Metal	Wall		3.3	2/21/2003 09:54:46	1.0	NEG	0.00 ± 0.03	0.70 ± 2.76
517	3	B	Room 3060	Wall	Plaster			3.3	2/21/2003 09:55:00	1.0	NEG	0.00 ± 0.07	0.46 ± 2.57

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
518	3	B	Room 3060	Cabinet	Metal	Door Out		3.2	2/21/2003 09:55:17	1.0	NEG	0.00 ± 0.05	0.75 ± 1.72
519	3	C	Room 3060	Wall	Plaster			12.6	2/21/2003 09:55:33	1.0	NEG	0.01 ± 0.04	-0.51 ± 1.07
520	3	D	Room 3060	Cabinet	Metal	Door Out		3.0	2/21/2003 09:56:13	1.0	NEG	0.10 ± 0.20	1.73 ± 3.32
521	3	A	Room 3068	Door	Metal	Casing		5.6	2/21/2003 09:57:43	1.8	NEG	0.04 ± 0.27	-1.70 ± 2.21
522	3	B	Room 3068	Wall	Plaster			7.8	2/21/2003 09:58:00	1.6	NEG	0.03 ± 0.32	0.31 ± 0.96
523	3	B	Room 3068	Cabinet	Metal	Door Out		5.2	2/21/2003 09:58:21	5.0	NEG	0.07 ± 0.24	-0.91 ± 2.16
524	3	D	Room 3068	Wall	Plaster			3.2	2/21/2003 09:58:46	1.0	NEG	0.00 ± 0.12	0.49 ± 2.00
525	3	D	Room 3068	Cabinet	Metal	Door Out		3.1	2/21/2003 09:59:04	1.0	NEG	0.00 ± 0.02	-0.02 ± 1.72
526	3	D	Room 3068	Fume Hood	Metal	Wall		3.3	2/21/2003 09:59:20	1.0	NEG	0.00 ± 0.01	1.72 ± 3.05
527	3	D	Room 3068	Fume Hood	Metal	Wall		3.1	2/21/2003 09:59:34	1.0	NEG	0.01 ± 0.18	-0.58 ± 3.08
528	3	A	Room 3068	Wall	Rubber	Baseboard		22.1	2/21/2003 10:04:39	1.4	NEG	0.05 ± 0.06	0.32 ± 0.76
529	3	A	Room 3076	Door	Metal	Casing		5.6	2/21/2003 10:06:28	1.3	NEG	0.08 ± 0.15	-0.26 ± 2.09
530	3	A	Room 3076	Wall	Plaster			3.2	2/21/2003 10:06:45	1.0	NEG	0.01 ± 0.18	-0.77 ± 1.51
531	3	B	Room 3076	Cabinet	Metal	Door Out		3.3	2/21/2003 10:07:03	1.0	NEG	0.17 ± 0.14	0.95 ± 2.80
532	3	D	Room 3076	Cabinet	Metal	Door Out		3.2	2/21/2003 10:07:15	1.0	NEG	0.18 ± 0.22	-1.20 ± 3.24
533	3	D	Room 3076	Wall	Plaster			15.1	2/21/2003 10:07:30	1.0	NEG	0.00 ± 0.01	-0.34 ± 0.77
534	3	D	Room 3086 A	Door	Metal	Casing		3.3	2/21/2003 10:11:32	1.0	NEG	0.00 ± 0.12	-0.63 ± 2.85
535	3	A	Room 3086 A	Door	Metal	Casing		3.3	2/21/2003 10:13:27	1.0	NEG	0.02 ± 0.16	-0.24 ± 3.09
536	3	C	Room 3086 A	Wall	Metal	Wall Rgstr		15.0	2/21/2003 10:13:51	7.4	NEG	0.14 ± 0.22	-0.05 ± 1.08
537	3	C	Room 3086 A	Wall	Plaster			3.3	2/21/2003 10:14:26	1.2	NEG	0.03 ± 0.29	-0.29 ± 2.58
538	3	C	Room 3086 A	Wall	Tile			13.0	2/21/2003 10:14:41	10.0	NEG	0.07 ± 0.40	-0.92 ± 1.10
539	3	B	Room 3086 A	Cabinet	Metal	Door Out		3.2	2/21/2003 10:15:22	1.0	NEG	0.00 ± 0.01	-0.78 ± 2.10
540	3	A	Stairway 4	Door	Metal	Casing		3.3	2/21/2003 10:16:48	1.0	NEG	0.00 ± 0.13	0.43 ± 3.06
541	3	A	Stairway 4	Door	Metal	Casing		3.2	2/21/2003 10:17:04	1.0	NEG	0.04 ± 0.14	-0.86 ± 2.88
542	3	B	Stairway 4	Stairs	Metal	Rail cap		12.5	2/21/2003 10:17:20	3.3	NEG	0.24 ± 0.27	0.07 ± 1.29
543	3	D	Stairway 4	Stairs	Metal	Rail cap		5.6	2/21/2003 10:17:49	1.3	NEG	0.04 ± 0.16	0.43 ± 2.08
544	3	B	Stairway 4	Floor	Metal	Pipes		5.1	2/21/2003 10:18:11	1.0	NEG	0.00 ± 0.08	0.61 ± 2.11
545	3	B	Stairway 4	Floor	Metal	Pipes		5.6	2/21/2003 10:18:24	1.9	NEG	0.06 ± 0.26	0.10 ± 2.48
546	3	B	Stairway 4	Wall	Plaster			3.2	2/21/2003 10:18:43	1.2	NEG	0.06 ± 0.26	-1.20 ± 3.28
547	3	A	Room 3470	Door	Metal	Casing		5.2	2/21/2003 10:20:33	4.2	NEG	0.05 ± 0.21	-0.62 ± 2.20
548	3	B	Room 3470	Cabinet	Metal	Wall		3.0	2/21/2003 10:20:57	1.0	NEG	0.00 ± 0.04	-0.17 ± 2.44
549	3	B	Room 3470	Wall	Plaster			5.1	2/21/2003 10:21:08	1.0	NEG	0.00 ± 0.09	-0.87 ± 1.74
550	3	D	Room 3470	Cabinet	Plaster	Door Out		3.1	2/21/2003 10:21:29	1.0	NEG	0.14 ± 0.13	0.35 ± 2.80
551	3	D	Room 3470	Wall	Plaster			5.3	2/21/2003 10:21:45	1.1	NEG	0.18 ± 0.17	1.25 ± 1.94
552	3	C	Room 3470	Wall	Plaster			8.0	2/21/2003 10:22:15	1.6	NEG	0.03 ± 0.15	-0.40 ± 1.64
553	3	D	Room 3470	Door	Metal	Casing		3.3	2/21/2003 10:24:18	1.0	NEG	0.03 ± 0.09	-0.23 ± 2.67
554	3	A	Room 3466	Door	Metal	Casing		10.4	2/21/2003 10:25:36	1.7	NEG	0.03 ± 0.12	0.28 ± 1.35
555	3	B	Room 3466	Wall	Plaster			3.2	2/21/2003 10:26:10	1.0	NEG	0.00 ± 0.07	-0.58 ± 2.02
556	3	C	Room 3466	Wall	Plaster			3.2	2/21/2003 10:27:47	1.0	NEG	0.00 ± 0.12	0.59 ± 2.16
557	3	B	Room 3466	Cabinet	Metal	Door Out		3.1	2/21/2003 10:28:02	1.0	NEG	0.14 ± 0.21	0.99 ± 3.06

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
558	3	B	Room 3466	Wall	Rubber	Baseboard		5.6	2/21/2003 10:29:02	1.0	NEG	0.01 ± 0.05	0.32 ± 2.01
559	3	A	Room 3458	Door	Metal	Casing		8.0	2/21/2003 10:33:08	2.8	NEG	0.07 ± 0.31	-0.29 ± 1.68
560	3	B	Room 3458	Wall	Plaster			3.2	2/21/2003 10:36:12	1.0	NEG	0.00 ± 0.05	0.86 ± 2.32
561	3	C	Room 3458	Wall	Plaster			3.1	2/21/2003 10:36:27	1.0	NEG	0.09 ± 0.05	-0.84 ± 2.88
562	3	B	Room 3458	Wall	Rubber	Baseboard		3.3	2/21/2003 10:36:47	1.0	NEG	0.00 ± 0.13	0.98 ± 1.77
563	3	B	Room 3458	Cabinet	Metal	Door Out		3.2	2/21/2003 10:37:22	1.0	NEG	0.02 ± 0.05	0.27 ± 1.64
564	3	D	Room 3458	Cabinet	Metal	Door Out		3.2	2/21/2003 10:37:35	1.0	NEG	0.00 ± 0.14	0.37 ± 2.06
565	3	A	Room 3454	Door	Metal	Casing		3.2	2/21/2003 12:19:10	1.0	NEG	0.01 ± 0.03	0.54 ± 1.92
566	3	A	Room 3454	Wall	Plaster			3.2	2/21/2003 12:19:38	1.0	NEG	0.00 ± 0.04	-1.07 ± 1.99
567	3	B	Room 3454	Wall	Plaster			3.1	2/21/2003 12:19:54	1.1	NEG	0.15 ± 0.22	-0.08 ± 2.81
568	3	B	Room 3454	Cabinet	Metal	Door Out		5.4	2/21/2003 12:20:07	1.0	NEG	0.14 ± 0.06	-0.21 ± 2.11
569	3	D	Room 3454	Cabinet	Metal	Door Out		3.2	2/21/2003 12:20:48	1.0	NEG	0.00 ± 0.16	-0.11 ± 1.98
570	3	D	Room 3454	Fume Hood	Metal	Wall		3.3	2/21/2003 12:21:11	1.0	NEG	0.00 ± 0.04	-1.00 ± 3.38
571	3	A	Room 3454	Wall	Rubber	Baseboard		3.3	2/21/2003 12:21:29	1.0	NEG	0.00 ± 0.06	-1.36 ± 3.65
572	3	A	Room 3446	Door	Metal	Casing		8.0	2/21/2003 12:25:37	2.1	NEG	0.05 ± 0.22	-0.38 ± 1.63
573	3	A	Room 3446	Wall	Plaster			3.2	2/21/2003 12:26:02	1.0	NEG	0.00 ± 0.07	-0.76 ± 1.91
574	3	D	Room 3446	Wall	Plaster			3.2	2/21/2003 12:26:14	1.0	NEG	0.00 ± 0.11	-0.51 ± 2.01
575	3	D	Room 3446	Cabinet	Metal	Door Out		3.2	2/21/2003 12:26:29	1.0	NEG	0.00 ± 0.02	0.04 ± 1.97
576	3	B	Room 3446	Cabinet	Metal	Door Out		3.2	2/21/2003 12:26:43	1.0	NEG	0.00 ± 0.10	-0.15 ± 1.87
577	3	A	Room 3442	Door	Metal	Casing		5.6	2/21/2003 12:27:57	1.0	NEG	0.02 ± 0.09	0.43 ± 2.03
578	3	B	Room 3442	Cabinet	Metal	Door Out		3.1	2/21/2003 12:28:18	1.0	NEG	0.11 ± 0.07	-0.74 ± 3.48
579	3	D	Room 3442	Cabinet	Metal	Door Out		5.5	2/21/2003 12:28:36	1.1	NEG	0.21 ± 0.17	0.92 ± 1.96
580	3	D	Room 3442	Wall	Plaster			3.2	2/21/2003 12:29:05	1.0	NEG	0.00 ± 0.01	-0.94 ± 2.05
581	3	C	Room 3442	Wall	Plaster			3.2	2/21/2003 12:29:18	1.0	NEG	0.00 ± 0.13	-0.62 ± 1.78
582	3	A	Room 3444	Door	Metal	Casing		3.3	2/21/2003 12:33:38	1.1	NEG	0.01 ± 0.30	0.39 ± 2.61
583	3	A	Room 3444	Wall	Plaster			3.3	2/21/2003 12:33:50	1.0	NEG	0.01 ± 0.08	-1.09 ± 3.20
584	3	A	Room 3444	Wall	Rubber	Baseboard		5.6	2/21/2003 12:34:02	1.0	NEG	0.02 ± 0.08	0.59 ± 2.01
585	3	B	Room 3444	Cabinet	Metal	Door Out		3.2	2/21/2003 12:34:44	1.0	NEG	0.00 ± 0.16	-0.33 ± 1.74
586	3	C	Room 3444	Wall	Plaster			3.2	2/21/2003 12:35:01	1.0	NEG	0.00 ± 0.11	0.15 ± 1.96
587	3	D	Room 3444	Fume Hood	Metal	Wall		3.3	2/21/2003 12:35:19	1.0	NEG	0.00 ± 0.01	-0.57 ± 3.10
588	3	A	Room 3468	Door	Metal	Casing		5.6	2/21/2003 12:41:51	1.2	NEG	0.03 ± 0.14	-0.28 ± 2.21
589	3	B	Room 3468	Wall	Plaster			3.2	2/21/2003 12:43:15	1.0	NEG	0.00 ± 0.10	1.07 ± 2.00
590	3	B	Room 3468	Wall	Plaster		Peeling	10.2	2/21/2003 12:43:32	1.0	NEG	0.02 ± 0.08	-1.36 ± 1.24
591	3	D	Room 3468	Cabinet	Metal	Door Out	Peeling	3.1	2/21/2003 12:44:08	1.0	NEG	0.11 ± 0.06	0.30 ± 2.88
592	3	D	Room 3468	Wall	Plaster		Intact	3.2	2/21/2003 12:44:22	1.0	NEG	0.00 ± 0.15	-0.08 ± 1.66
593	3	D	Room 3468	Wall	Rubber	Baseboard	Intact	3.2	2/21/2003 12:44:41	1.0	NEG	0.00 ± 0.12	-0.57 ± 1.79
594	3	A	Room 3472	Door	Metal	Casing	Intact	5.6	2/21/2003 12:45:45	3.6	NEG	0.06 ± 0.32	0.53 ± 2.04
595	3	B	Room 3472	Cabinet	Metal	Door Out	Intact	3.2	2/21/2003 12:46:12	1.0	NEG	0.17 ± 0.20	-0.35 ± 2.58
596	3	D	Room 3472	Cabinet	Metal	Door Out	Intact	10.1	2/21/2003 12:46:30	1.1	NEG	0.30 ± 0.14	-0.74 ± 1.50
597	3	C	Room 3472	Wall	Plaster		Intact	3.1	2/21/2003 12:47:03	1.0	NEG	0.00 ± 0.02	0.62 ± 1.92

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
598	3	B	Room 3472	Wall	Plaster		Intact	3.1	2/21/2003 12:47:18	1.0	NEG	0.00 ± 0.18	0.90 ± 1.57
599	3	A	Room 3472	Wall	Rubber	Baseboard	Intact	3.1	2/21/2003 12:47:36	1.0	NEG	0.00 ± 0.06	-0.50 ± 1.98
600	3	A	Room 3476	Door	Metal	Casing	Intact	5.6	2/21/2003 12:48:21	1.0	NEG	0.02 ± 0.05	-0.54 ± 2.04
601	3	D	Room 3476	Cabinet	Metal	Door Out	Intact	5.1	2/21/2003 12:48:43	1.6	NEG	0.01 ± 0.19	-0.27 ± 1.98
602	3	B	Room 3476	Cabinet	Metal	Door Out	Intact	3.0	2/21/2003 12:48:58	1.0	NEG	0.00 ± 0.14	0.47 ± 2.74
603	3	C	Room 3476	Wall	Tile		Intact	8.8	2/21/2003 12:50:12	4.3	NEG	0.09 ± 0.38	0.74 ± 1.30
604	3	A	Room 3476	Wall	Tile		Intact	5.4	2/21/2003 12:50:38	1.0	NEG	0.01 ± 0.06	-0.41 ± 1.41
605	3	A	Room 3874	Wall	Rubber	Baseboard	Intact	8.0	2/21/2003 12:52:46	1.6	NEG	0.03 ± 0.17	-0.57 ± 1.71
606	3	B	Room 3874	Cabinet	Metal	Door Out	Intact	3.2	2/21/2003 12:53:14	1.7	NEG	0.02 ± 0.34	0.07 ± 1.53
607	3	D	Room 3874	Cabinet	Metal	Door Out	Intact	5.5	2/21/2003 12:53:26	2.0	NEG	0.02 ± 0.30	0.11 ± 1.19
608	3	C	Room 3874	Wall	Plaster		Intact	5.4	2/21/2003 12:53:50	1.0	NEG	0.19 ± 0.11	0.08 ± 1.97
609	3	C	Room 3874	Door	Metal	Door	Peeling	3.3	2/21/2003 12:54:10	1.0	NEG	0.02 ± 0.03	-1.44 ± 3.00
610	3	B	Room 3874	Wall	Plaster		Intact	5.5	2/21/2003 12:54:32	1.0	NEG	0.02 ± 0.15	0.02 ± 1.07
611	3	B	Room 3870	Cabinet	Metal	Door Out	Intact	5.5	2/21/2003 12:55:24	1.2	NEG	0.26 ± 0.19	-0.12 ± 1.89
612	3	D	Room 3870	Cabinet	Metal	Door Out	Intact	3.2	2/21/2003 12:55:45	1.0	NEG	0.01 ± 0.03	0.37 ± 1.35
613	3	D	Room 3870	Fume Hood	Metal	Wall	Intact	3.0	2/21/2003 12:56:07	1.0	NEG	0.00 ± 0.12	0.33 ± 2.98
614	3	B	Room 3870	Wall	Plaster		Intact	3.0	2/21/2003 12:56:22	1.0	NEG	0.01 ± 0.19	-1.38 ± 3.00
615	3	C	Room 3870	Wall	Plaster		Intact	3.0	2/21/2003 12:56:32	1.0	NEG	0.00 ± 0.15	0.75 ± 2.44
616	3	A	Room 3870	Wall	Rubber	Baseboard	Intact	8.0	2/21/2003 12:56:54	2.7	NEG	0.07 ± 0.29	0.15 ± 1.68
617	3	B	Room 3862	Cabinet	Metal	Door Out	Intact	3.2	2/21/2003 12:58:27	1.0	NEG	0.00 ± 0.16	-1.16 ± 2.03
618	3	D	Room 3862	Cabinet	Metal	Door Out	Intact	3.2	2/21/2003 12:58:38	1.0	NEG	0.00 ± 0.13	-0.05 ± 2.00
619	3	D	Room 3862	Fume Hood	Metal	Wall	Intact	3.2	2/21/2003 12:58:50	1.0	NEG	0.00 ± 0.12	-0.61 ± 1.93
620	3	C	Room 3862	Wall	Plaster		Intact	3.2	2/21/2003 12:59:05	1.0	NEG	0.00 ± 0.14	-0.04 ± 1.56
621	3	A	Room 3862	Wall	Plaster		Intact	3.2	2/21/2003 12:59:16	1.0	NEG	0.00 ± 0.15	0.39 ± 1.73
622	3	A	Room 3862	Wall	Rubber	Baseboard	Intact	3.2	2/21/2003 12:59:35	1.0	NEG	0.00 ± 0.16	-0.37 ± 2.14
623	3	A	Room 3862	Door	Metal	Casing	Intact	3.3	2/21/2003 13:00:24	1.4	NEG	0.04 ± 0.32	0.50 ± 2.77
624	3	B	Room 3862	Wall	Rubber	Baseboard	Intact	3.2	2/21/2003 13:01:04	1.0	NEG	0.00 ± 0.10	0.52 ± 1.67
625	3	D	Room 3862	Fume Hood	Metal	Wall Lft	Intact	3.2	2/21/2003 13:01:25	1.0	NEG	0.00 ± 0.12	-0.88 ± 1.97
626	3	D	Room 3862	Fume Hood	Metal	Wall Rht	Intact	3.2	2/21/2003 13:01:38	1.0	NEG	0.00 ± 0.03	0.73 ± 1.69
627	3	C	Room 3862	Wall	Plaster		Intact	3.2	2/21/2003 13:02:12	1.0	NEG	0.00 ± 0.13	-0.92 ± 1.64
628	3	B	Room 3862	Wall	Plaster		Intact	3.2	2/21/2003 13:02:26	1.0	NEG	0.00 ± 0.14	0.55 ± 1.23
629	3	A	Room 3772	Door	Metal	Casing	Intact	17.3	2/21/2003 13:06:55	7.0	NEG	0.08 ± 0.15	-0.82 ± 1.06
630	3	A	Room 3772	Fume Hood	Metal	Wall	Intact	3.1	2/21/2003 13:07:39	1.4	NEG	0.01 ± 0.25	-0.96 ± 2.87
631	3	C	Room 3772	Fume Hood	Metal	Wall	Intact	3.1	2/21/2003 13:08:02	1.0	NEG	0.00 ± 0.06	-0.84 ± 3.05
632	3	C	Room 3772	Cabinet	Metal	Door Out	Intact	3.3	2/21/2003 13:08:23	1.0	NEG	0.00 ± 0.03	-0.43 ± 2.15
633	3	B	Room 3772	Wall	Metal	Wall Rgstr Lft	Intact	5.6	2/21/2003 13:08:45	1.9	NEG	0.05 ± 0.27	-1.07 ± 2.17
634	3	B	Room 3772	Wall	Metal	Wall Rgstr Rht	Intact	12.7	2/21/2003 13:08:59	6.0	NEG	0.19 ± 0.39	-0.24 ± 1.24
635	3	A	Hall 1	Wall	Rubber	Baseboard	Intact	19.8	2/21/2003 13:14:36	1.0	NEG	0.00 ± 0.00	-0.34 ± 0.82
636	3	A	Hall 1	Wall	Rubber	Baseboard	Intact	12.6	2/21/2003 13:15:15	3.0	NEG	0.25 ± 0.25	-0.26 ± 1.37
637	3	A	Hall 4	Wall	Rubber	Baseboard	Intact	3.2	2/21/2003 13:16:11	1.0	NEG	0.00 ± 0.02	0.39 ± 1.52

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
638	3	A	Hall 4	Wall	Rubber	Baseboard	Intact	3.3	2/21/2003 13:16:24	1.0	NEG	0.00 ± 0.16	0.12 ± 3.19
639	3	A	Hall 4	Wall	Plaster		Intact	3.2	2/21/2003 13:16:39	1.0	NEG	0.00 ± 0.16	0.54 ± 1.39
640	3	A	Hall 4	Wall	Plaster		Intact	3.2	2/21/2003 13:17:01	1.3	NEG	0.01 ± 0.26	-0.44 ± 1.95
641	2	A	Room 2086	Door	Metal	Casing	Intact	5.6	2/21/2003 13:23:41	1.2	NEG	0.02 ± 0.22	-0.65 ± 1.84
642	2	A	Room 2086	Wall	Plaster		Intact	10.4	2/21/2003 13:23:55	6.7	NEG	0.18 ± 0.32	-0.68 ± 1.29
643	2	B	Room 2086	Fume Hood	Metal	Wall	Intact	3.2	2/21/2003 13:24:23	1.0	NEG	0.00 ± 0.04	-0.50 ± 3.16
644	2	B	Room 2086	Cabinet	Metal	Door Out	Intact	3.1	2/21/2003 13:24:40	1.1	NEG	0.10 ± 0.21	0.54 ± 2.65
645	2	D	Room 2086	Cabinet	Metal	Door Out	Intact	3.2	2/21/2003 13:24:52	1.0	NEG	0.00 ± 0.08	-1.30 ± 2.05
646	2	C	Room 2086	Wall	Metal	Wall Rgstr	Intact	3.2	2/21/2003 13:25:13	1.0	NEG	0.00 ± 0.11	-0.49 ± 1.81
647	2	C	Room 2086	Window	Metal	Stool	Intact	3.2	2/21/2003 13:25:22	1.0	NEG	0.00 ± 0.13	0.78 ± 1.29
648	2	D	Room 2086	Window	Metal	Stool	Intact	10.3	2/21/2003 13:25:37	1.7	NEG	0.04 ± 0.12	-0.49 ± 1.47
649	2	D	Room 2086	Wall	Plaster		Intact	8.0	2/21/2003 13:26:03	3.4	NEG	0.07 ± 0.35	0.57 ± 1.67
650	2	A	Room 2082	Door	Metal	Casing	Intact	5.6	2/21/2003 13:26:58	1.0	NEG	0.01 ± 0.17	-0.22 ± 2.16
651	2	B	Room 2082	Wall	Metal	Chair rail	Intact	10.3	2/21/2003 13:27:15	5.9	NEG	0.16 ± 0.34	-0.63 ± 1.33
652	2	B	Room 2082	Wall	Rubber	Baseboard	Intact	3.2	2/21/2003 13:27:45	1.0	NEG	0.00 ± 0.08	-0.70 ± 1.95
653	2	B	Room 2082	Wall	Plaster		Intact	3.2	2/21/2003 13:27:58	1.0	NEG	0.00 ± 0.14	0.62 ± 1.88
654	2	D	Room 2082	Wall	Plaster		Intact	3.2	2/21/2003 13:28:09	1.0	NEG	0.00 ± 0.12	-0.62 ± 2.08
655	2	A	Room 2082 A	Door	Metal	Casing	Intact	10.3	2/21/2003 13:28:38	2.4	NEG	0.09 ± 0.18	-0.31 ± 1.33
656	2	C	Room 2082 A	Wall	Metal	Wall Rgstr	Intact	3.2	2/21/2003 13:29:06	1.0	NEG	0.00 ± 0.11	-0.85 ± 1.75
657	2	C	Room 2082 A	Window	Metal	Stool	Intact	3.2	2/21/2003 13:29:20	1.0	NEG	0.00 ± 0.15	0.28 ± 1.37
658	2	D	Room 2082 A	Door	Metal	Casing	Intact	3.2	2/21/2003 13:29:32	1.0	NEG	0.00 ± 0.02	-0.96 ± 1.68
659	2	D	Room 2082 A	Wall	Plaster		Intact	3.2	2/21/2003 13:29:48	1.0	NEG	0.00 ± 0.12	-0.40 ± 1.81
660	2	C	Room 2082 A	Wall	Plaster		Intact	3.2	2/21/2003 13:29:58	1.0	NEG	0.00 ± 0.05	-0.46 ± 2.03
661	2	A	Room 2074	Door	Metal	Casing	Intact	3.2	2/21/2003 13:31:12	1.0	NEG	0.00 ± 0.15	-0.64 ± 1.71
662	2	B	Room 2074	Cabinet	Metal	Door Out	Intact	3.2	2/21/2003 13:31:29	1.0	NEG	0.00 ± 0.05	-0.69 ± 1.78
663	2	B	Room 2074	Cabinet	Metal	Shelf	Intact	3.2	2/21/2003 13:31:38	1.0	NEG	0.00 ± 0.16	0.39 ± 2.16
664	2	D	Room 2074	Cabinet	Metal	Shelf	Intact	3.2	2/21/2003 13:31:48	1.0	NEG	0.00 ± 0.16	-1.03 ± 2.21
665	2	D	Room 2074	Cabinet	Metal	Door Out	Intact	3.2	2/21/2003 13:32:01	1.0	NEG	0.00 ± 0.02	-0.23 ± 1.42
666	2	C	Room 2074	Window	Metal	Stool Lft	Intact	3.3	2/21/2003 13:32:20	1.0	NEG	0.00 ± 0.01	-0.52 ± 2.99
667	2	C	Room 2074	Wall	Metal	Wall Rgstr Rht	Intact	3.3	2/21/2003 13:32:36	1.0	NEG	0.01 ± 0.18	-0.25 ± 3.08
668	2	D	Room 2074	Wall	Plaster		Intact	3.3	2/21/2003 13:32:50	1.3	NEG	0.01 ± 0.24	-0.26 ± 2.76
669	2	D	Room 2074	Door	Metal	Casing	Intact	3.2	2/21/2003 13:33:07	1.0	NEG	0.00 ± 0.14	0.50 ± 1.53
670	2	A	Room 2074	Wall	Plaster		Intact	10.3	2/21/2003 13:33:20	3.3	NEG	0.10 ± 0.28	0.60 ± 1.33
671	2	D	Room 2074	Wall Lwr	Plaster	Lft	Intact	3.1	2/21/2003 13:33:50	1.0	NEG	0.10 ± 0.16	0.21 ± 3.21
672	1	A	Room 1422	Door	Metal	Casing	Intact	3.3	2/21/2003 13:45:02	1.0	NEG	0.02 ± 0.13	-0.58 ± 2.70
673	1	B	Room 1422	Cabinet	Metal	Door Lft	Intact	3.2	2/21/2003 13:45:40	1.0	NEG	0.12 ± 0.12	1.28 ± 3.13
674	1	B	Room 1422	Cabinet	Metal	Door Rht	Intact	3.1	2/21/2003 13:45:53	1.0	NEG	0.10 ± 0.12	1.33 ± 2.83
675	1	B	Room 1422	Wall	Plaster		Intact	12.6	2/21/2003 13:46:12	1.0	NEG	0.00 ± 0.05	-0.01 ± 1.06
676	1	C	Room 1422	Wall	Plaster		Intact	5.6	2/21/2003 13:46:42	1.5	NEG	0.05 ± 0.19	-0.38 ± 2.01
677	1	D	Room 1422	Cabinet	Metal	Door Out	Intact	3.1	2/21/2003 13:48:54	1.0	NEG	0.14 ± 0.12	0.30 ± 2.87

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
678	1	C	Room 1422	Closet Lft	Metal	Casing	Intact	3.3	2/21/2003 13:49:15	1.0	NEG	0.03 ± 0.06	0.77 ± 2.67
679	1	C	Room 1418	Door	Metal	Casing	Intact	5.6	2/21/2003 13:50:58	1.7	NEG	0.10 ± 0.21	-0.27 ± 2.10
680	1	B	Room 1418	Cabinet	Metal	Door Out	Intact	3.2	2/21/2003 13:51:18	1.0	NEG	0.00 ± 0.13	0.28 ± 1.83
681	1	B	Room 1418	Cabinet	Metal	Shelf	Intact	3.2	2/21/2003 13:51:28	1.0	NEG	0.00 ± 0.17	-1.05 ± 2.08
682	1	D	Room 1418	Wall	Metal	Chair rail	Intact	3.3	2/21/2003 13:51:45	1.3	NEG	0.09 ± 0.26	-0.20 ± 2.43
683	1	D	Room 1418	Wall	Rubber	Baseboard	Intact	5.5	2/21/2003 13:52:04	1.9	NEG	0.08 ± 0.30	-0.19 ± 1.48
684	1	B	Room 1418	Wall	Plaster		Intact	3.2	2/21/2003 13:52:27	1.0	NEG	0.00 ± 0.02	-0.73 ± 2.53
685	1	B	Room 1410	Door	Metal	Casing	Intact	5.4	2/21/2003 13:53:06	1.3	NEG	0.26 ± 0.21	-0.38 ± 2.09
686	1	A	Room 1410		Metal	Shelf	Intact	3.2	2/21/2003 13:53:36	1.0	NEG	0.00 ± 0.24	0.35 ± 2.09
687	1	B	Room 1410	Cabinet	Metal	Door Out	Intact	3.1	2/21/2003 13:53:56	1.0	NEG	0.00 ± 0.17	0.06 ± 1.73
688	1	B	Room 1410	Wall	Rubber	Baseboard	Intact	3.2	2/21/2003 13:54:15	1.0	NEG	0.00 ± 0.17	0.29 ± 2.20
689	Bsmt	A	Room 821	Wall	Concrte		Intact	21.9	2/21/2003 13:58:37	9.2	NEG	0.04 ± 0.10	-0.52 ± 0.82
690	Bsmt	D	Room 821	Door	Metal	Casing	Intact	5.5	2/21/2003 13:59:26	1.0	NEG	0.00 ± 0.01	1.07 ± 1.84
691	Bsmt	D	Room 821	Door	Metal	Door Lft	Intact	5.6	2/21/2003 13:59:44	1.0	NEG	0.01 ± 0.05	0.09 ± 1.78
692	Bsmt	D	Room 821	Floor	Concrte		Intact	17.3	2/21/2003 14:00:04	1.0	NEG	0.00 ± 0.01	0.11 ± 1.07
693	Bsmt	C	Room 821	Door	Metal	Casing Rht	Intact	5.5	2/21/2003 14:01:01	1.5	NEG	0.03 ± 0.25	-1.60 ± 2.14
694	Bsmt	C	Room 821	Door Ctr	Metal	Casing	Intact	3.2	2/21/2003 14:01:22	1.0	NEG	0.01 ± 0.05	-0.06 ± 2.88
695	Bsmt	C	Room 821		Concrte	Support	Intact	14.9	2/21/2003 14:01:47	1.0	NEG	0.00 ± 0.04	-0.76 ± 1.10
696	Bsmt	C	Outside 821	Stairs	Metal	Rail cap	Intact	5.6	2/21/2003 14:02:44	1.0	NEG	0.02 ± 0.06	1.12 ± 1.98
697	Bsmt	C	Room 821		Concrte	Support	Intact	8.0	2/21/2003 14:03:56	1.5	NEG	0.03 ± 0.15	0.43 ± 1.76
698	Bsmt	C	Room 821	Floor	Concrte		Intact	3.2	2/21/2003 14:05:43	1.0	NEG	0.00 ± 0.03	0.64 ± 3.52
699	Bsmt	D	Room 821 C	Door	Metal	Casing	Intact	3.3	2/21/2003 14:06:31	1.0	NEG	0.00 ± 0.04	-1.20 ± 2.75
700	Bsmt	D	Room 821 C	Door	Metal	Door	Intact	3.2	2/21/2003 14:06:41	1.0	NEG	0.00 ± 0.14	-0.55 ± 2.50
701	Bsmt	C	Garage	Garage	Concrte	Wall	Intact	22.0	2/21/2003 14:08:40	1.0	NEG	0.00 ± 0.01	0.19 ± 0.77
702	Bsmt	C	Garage	Door	Metal	Casing	Intact	3.2	2/21/2003 14:09:24	1.0	NEG	0.00 ± 0.01	-0.12 ± 2.59
703	Bsmt	D	Garage	Wall	Concrte		Intact	12.7	2/21/2003 14:09:42	10.0	NEG	0.22 ± 0.19	-0.79 ± 1.18
704	Bsmt	D	Garage		Concrte	Columns	Intact	3.3	2/21/2003 14:11:20	4.4	NEG	0.07 ± 0.30	-0.45 ± 2.83
705	**Bsmt**	**D**	**Garage**	**Floor**	**Concrte**		**Intact**	**3.0**	**2/21/2003 14:11:54**	**1.9**	**POS**	**>>5.0**	**5.99 ± 4.48**
706	**Bsmt**	**D**	**Garage**	**Floor**	**Concrte**		**Intact**	**3.0**	**2/21/2003 14:12:11**	**1.9**	**POS**	**>>5.0**	**7.56 ± 4.59**
707	**Bsmt**	**D**	**Garage**	**Floor**	**Concrte**		**Intact**	**9.9**	**2/21/2003 14:12:41**	**1.1**	**POS**	**1.09 ± 0.26**	**1.37 ± 1.53**
708	Bsmt	D	Garage	Stairs	Concrte	Riser	Intact	14.9	2/21/2003 14:13:32	1.0	NEG	0.00 ± 0.04	-0.47 ± 0.90
709			**Calibrate**					**9.5**	**2/24/2003 09:01:52**	**1.0**	**POS**	**1.57 ± 0.18**	**0.91 ± 1.37**
710			**Calibrate**					**5.2**	**2/24/2003 09:02:12**	**1.0**	**POS**	**1.52 ± 0.21**	**1.06 ± 1.98**
711			**Calibrate**					**18.2**	**2/24/2003 09:02:24**	**1.1**	**POS**	**1.76 ± 0.24**	**1.13 ± 0.93**
712	7	A	AHU 11-2	Door	Metal	Door	Peeling	3.3	2/24/2003 09:10:19	1.8	NEG	0.02 ± 0.26	0.00 ± 2.76
713	7	A	AHU 11-2	Floor	Concrte		Peeling	42.6	2/24/2003 09:10:41	5.1	NEG	0.41 ± 0.22	0.51 ± 0.64
714	7	A	AHU 11-2	AHU	PACM		Intact	22.1	2/24/2003 09:12:32	1.0	NEG	0.00 ± 0.01	0.61 ± 0.56
715	7	D	AHU 11-2	AHU	Metal		Intact	21.1	2/24/2003 09:13:19	10.0	NEG	0.23 ± 0.85	-0.14 ± 0.84
716	7	B	AHU 11-2	Vertical	Metal	Duct	Intact	3.2	2/24/2003 09:14:29	1.0	NEG	0.00 ± 0.15	-0.50 ± 2.16
717	7	B	AHU 11-2	Platform	Concrte		Intact	24.5	2/24/2003 09:16:33	10.0	NEG	0.22 ± 0.21	0.16 ± 0.46

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
718	7	B	AHU 11-2	Motor	Metal	Base	Intact	5.5	2/24/2003 09:17:54	1.0	NEG	0.02 ± 0.05	1.21 ± 2.03
719	**7**	**B**	**AHU 11-2**	**Motor**	**Metal**	**Base**	**Intact**	**5.5**	**2/24/2003 09:18:08**	**4.8**	**POS**	**>>5.0**	**6.59 ± 2.86**
720	7	B	AHU 2	Base	Metal	Unlisted	Intact	3.2	2/24/2003 09:20:57	1.2	NEG	0.01 ± 0.24	1.51 ± 2.71
721	**7**	**B**	**AHU 2**	**Base**	**Metal**	**Unlisted**	**Intact**	**4.9**	**2/24/2003 09:21:21**	**2.1**	**POS**	**1.20 ± 0.65**	**7.65 ± 3.23**
722	7	B	AHU 2	Belt	Metal	Cover	Intact	5.6	2/24/2003 09:22:17	1.0	NEG	0.03 ± 0.12	0.14 ± 1.64
723	**7**	**B**	**AHU 2**	**Motor**	**Metal**		**Intact**	**14.1**	**2/24/2003 09:22:51**	**1.0**	**POS**	**0.04 ± 0.02**	**2.41 ± 1.19**
724	7	C	AHU 2	Wall	PACM		Intact	12.7	2/24/2003 09:24:38	1.0	NEG	0.00 ± 0.05	-0.32 ± 0.71
725	7	C	Penthouse	Support	Metal	Stand	Intact	5.1	2/24/2003 09:25:29	1.0	NEG	0.05 ± 0.14	-0.96 ± 2.01
726	7	C	Penthouse	Power	Metal	Panel	Intact	3.0	2/24/2003 09:30:02	1.0	NEG	0.02 ± 0.13	0.52 ± 2.78
727	7	C	Penthouse	Vertical	Metal	Duct	Intact	3.3	2/24/2003 09:31:09	1.0	NEG	0.01 ± 0.22	-1.64 ± 3.33
728	**7**	**C**	**AHU 11**	**Motor**	**Metal**	**Base**	**Intact**	**3.1**	**2/24/2003 09:32:34**	**4.0**	**POS**	**>>5.0**	**9.74 ± 4.42**
729	7	C	AHU 11	Motor	Metal		Intact	3.3	2/24/2003 09:33:35	1.2	NEG	0.11 ± 0.24	1.31 ± 3.33
730	7	C	AHU 11	Belt	Metal	Cover	Intact	19.3	2/24/2003 09:33:57	2.1	NEG	0.25 ± 0.14	-0.51 ± 0.97
731	7	A	AHU 11	Platform	Concrte		Intact	7.7	2/24/2003 09:35:01	1.9	NEG	0.21 ± 0.23	-1.20 ± 1.71
732	**7**	**A**	**Power Station**	**Floor**	**Concrte**		**Intact**	**9.8**	**2/24/2003 09:36:31**	**1.8**	**POS**	**1.87 ± 0.49**	**2.38 ± 1.56**
733	7	A	AHU 11	Door	Metal	Door	Intact	14.5	2/24/2003 09:38:23	3.3	NEG	0.13 ± 0.29	0.09 ± 0.92
734	7	A	AHU 11	Platform	Concrte		Intact	12.6	2/24/2003 09:39:27	2.1	NEG	0.07 ± 0.15	-0.10 ± 1.22
735	**7**	**A**	**AHU 13**	**Support**	**Metal**	**Stand**	**Intact**	**2.9**	**2/24/2003 09:41:07**	**1.5**	**POS**	**4.37 ± 1.72**	**7.04 ± 7.69**
736	7	A	AHU 13	Motor	Metal		Intact	12.5	2/24/2003 09:42:29	3.1	NEG	0.34 ± 0.29	-0.83 ± 1.21
737	**7**	**A**	**AHU 13**	**AHU**	**Metal**		**Intact**	**3.1**	**2/24/2003 09:43:14**	**2.9**	**POS**	**>>5.0**	**9.02 ± 4.79**
738	**7**	**B**	**AHU 15**	**AHU**	**Metal**		**Intact**	**5.4**	**2/24/2003 09:44:30**	**4.1**	**POS**	**>>5.0**	**7.99 ± 3.54**
739	**7**	**B**	**AHU 15**	**AHU**	**Metal**		**Intact**	**3.1**	**2/24/2003 09:45:13**	**2.4**	**POS**	**>>5.0**	**7.55 ± 4.41**
740	7	B	AHU 15	Fan	Metal	Cover	Intact	3.0	2/24/2003 09:47:31	1.0	NEG	0.00 ± 0.02	-0.96 ± 2.87
741	**7**	**A**	**AHU 16**	**AHU**	**Metal**		**Intact**	**3.1**	**2/24/2003 09:49:23**	**2.0**	**POS**	**>>5.0**	**6.83 ± 4.37**
742	**7**	**A**	**AHU 18**	**AHU**	**Metal**		**Intact**	**3.0**	**2/24/2003 09:50:24**	**2.3**	**POS**	**>>5.0**	**7.44 ± 7.45**
743	7	A	AHU 18	AHU	Metal		Intact	16.1	2/24/2003 09:50:49	10.0	NEG	0.30 ± 0.76	-0.67 ± 0.99
744	7	A	AHU 8	Belt	Metal	Cover	Intact	21.8	2/24/2003 09:51:59	2.9	NEG	0.23 ± 0.17	0.17 ± 0.84
745	**7**	**A**	**AHU 3**	**Motor**	**Metal**	**Base**	**Intact**	**10.1**	**2/24/2003 09:53:16**	**4.4**	**POS**	**3.08 ± 1.30**	**4.02 ± 1.82**
746	**7**	**A**	**AHU 3**	**Motor**	**Metal**	**Base**	**Intact**	**11.5**	**2/24/2003 09:53:52**	**5.1**	**POS**	**2.96 ± 1.33**	**5.31 ± 2.92**
747	7	A	AHU 3	Platform	Concrte		Intact	30.7	2/24/2003 09:54:52	2.4	NEG	0.14 ± 0.10	0.45 ± 0.70
748	7	C	AHU 9	Door	Metal	Door	Intact	3.3	2/24/2003 09:56:17	1.0	NEG	0.02 ± 0.34	-1.43 ± 2.35
749	7	C	AHU 9	Vertical	Metal	Duct	Intact	9.4	2/24/2003 09:57:08	5.3	NEG	0.13 ± 0.33	-0.50 ± 1.09
750	**7**	**C**	**AHU 22**	**Motor**	**Metal**	**Base**	**Intact**	**3.0**	**2/24/2003 09:58:12**	**3.3**	**POS**	**>>5.0**	**16.23 ± 5.64**
751	**7**	**B**	**AHU 22**	**Fan**	**Metal**	**Cover**	**Intact**	**2.9**	**2/24/2003 09:59:06**	**2.3**	**POS**	**>>5.0**	**16.63 ± 8.67**
752	7	B	AHU 22	Belt	Metal	Cover	Intact	5.1	2/24/2003 09:59:50	3.1	NEG	0.03 ± 0.09	0.57 ± 1.98
753	7	B	AHU 22	Vertical	Metal	Duct	Peeling	17.3	2/24/2003 10:00:57	1.5	NEG	0.01 ± 0.11	-0.06 ± 0.67
754	**7**	**B**	**AHU 27**	**Motor**	**Metal**	**Base**	**Intact**	**7.8**	**2/24/2003 10:02:54**	**2.9**	**POS**	**3.00 ± 1.11**	**3.03 ± 2.20**
755	**7**	**D**	**AHU 8**	**Motor**	**Metal**	**Base**	**Intact**	**7.8**	**2/24/2003 10:03:44**	**5.2**	**POS**	**2.10 ± 1.37**	**5.27 ± 2.07**
756	**7**	**D**	**AHU 7**	**Motor**	**Metal**	**Base**	**Intact**	**7.7**	**2/24/2003 10:04:16**	**4.9**	**POS**	**>>5.0**	**3.92 ± 2.35**
757	**7**	**D**	**AHU 27**	**AHU**	**Metal**		**Intact**	**7.8**	**2/24/2003 10:04:55**	**4.3**	**POS**	**4.46 ± 1.63**	**6.21 ± 2.50**

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
758	7	D	AHU 27	Belt	Metal	Cover	Intact	3.2	2/24/2003 10:05:58	1.0	NEG	0.00 ± 0.02	-1.36 ± 3.04
759	7	D	AHU 27	Belt	Metal	Cover	Intact	3.3	2/24/2003 10:06:26	1.0	NEG	0.01 ± 0.30	0.04 ± 2.18
760	**7**	**B**	**AHU 6**	**Motor**	**Metal**	**Base**	**Intact**	**5.4**	**2/24/2003 10:07:12**	**4.2**	**POS**	**>>5.0**	**7.30 ± 3.08**
761	7	B	Penthouse	Stairs	Metal	Tread	Intact	15.0	2/24/2003 10:07:55	2.1	NEG	0.14 ± 0.13	-0.88 ± 1.22
762	7	B	Penthouse	Stairs	Metal	Rail cap	Intact	5.6	2/24/2003 10:08:27	1.5	NEG	0.18 ± 0.20	-1.36 ± 2.06
763	**7**	**B**	**AHU 5**	**Motor**	**Metal**	**Base**	**Intact**	**5.4**	**2/24/2003 10:09:13**	**4.6**	**POS**	**>>5.0**	**7.53 ± 3.08**
764	7	C	AHU 5	Motor	Metal		Intact	21.7	2/24/2003 10:11:21	2.2	NEG	0.23 ± 0.13	0.09 ± 0.88
765	7	C	AHU 5	Vertical	Metal	Duct	Intact	12.4	2/24/2003 10:12:13	2.4	NEG	0.06 ± 0.22	0.64 ± 1.02
766	7	C	Penthouse	Stairs	Metal	Stringer	Intact	22.0	2/24/2003 10:13:09	1.3	NEG	0.10 ± 0.06	-0.31 ± 0.93
767	7	C	Penthouse	Stairs	Metal	Tread	Intact	21.8	2/24/2003 10:14:25	1.8	NEG	0.24 ± 0.11	-0.04 ± 0.87
768	7	D	AHU 27	AHU	Metal	Door	Intact	5.2	2/24/2003 10:16:39	1.0	NEG	0.16 ± 0.08	1.06 ± 1.99
769	7	D	Penthouse	Wall	Metal	Pipes	Intact	5.1	2/24/2003 10:24:14	4.5	NEG	0.05 ± 0.22	-0.31 ± 2.21
770	7	D	Penthouse	Bench	Wood		Intact	7.6	2/24/2003 10:24:43	1.0	NEG	0.01 ± 0.03	0.61 ± 1.19
771	**7**	**D**	**Penthouse**	**Bench**	**Metal**		**Intact**	**3.0**	**2/24/2003 10:25:42**	**2.5**	**POS**	**>>5.0**	**4.83 ± 4.22**
772	**7**	**D**	**Penthouse**	**Bench**	**Metal**		**Intact**	**3.0**	**2/24/2003 10:26:35**	**2.1**	**POS**	**>>5.0**	**9.84 ± 5.12**
773	**7**	**D**	**AHU 1**	**AHU**	**Metal**		**Intact**	**4.8**	**2/24/2003 10:27:59**	**1.6**	**POS**	**>>5.0**	**5.93 ± 3.49**
774	7	D	AHU 1	AHU	Metal		Intact	5.5	2/24/2003 10:28:25	1.0	NEG	0.01 ± 0.11	-0.55 ± 1.83
775	7	D	AHU 1	Wall	Concrte		Intact	22.0	2/24/2003 10:29:25	2.7	NEG	0.03 ± 0.16	-0.31 ± 0.88
776	**7**	**D**	**Outside Roof**	**Ceiling**	**Metal**	**Beam**	**Peeling**	**12.2**	**2/24/2003 10:31:13**	**10.0**	**POS**	**2.95 ± 3.15**	**3.33 ± 1.61**
777	**7**	**D**	**Outside Roof**	**Ceiling**	**Metal**	**Beam**	**Peeling**	**3.0**	**2/24/2003 10:31:43**	**5.3**	**POS**	**>>5.0**	**16.17 ± 5.85**
778	7	D	Outside Roof	Stairs	Metal	Stringer	Intact	21.4	2/24/2003 10:32:04	4.0	NEG	0.05 ± 0.20	-0.22 ± 1.00
779	7	D	Outside Roof	Door	Metal	Casing	Intact	3.3	2/24/2003 10:33:02	1.0	NEG	0.01 ± 0.21	-0.53 ± 2.98
780	**7**	**B**	**AHU 25**	**Motor**	**Metal**	**Base**	**Intact**	**3.0**	**2/24/2003 10:33:51**	**2.9**	**POS**	**>>5.0**	**7.53 ± 5.81**
781	7	B	AHU 25	Motor	Concrte	Base	Intact	21.7	2/24/2003 10:34:37	1.5	NEG	0.13 ± 0.08	0.28 ± 0.86
782	7	C	AHU 25	Wall	Concrte		Intact	3.1	2/24/2003 10:35:25	2.1	NEG	0.02 ± 0.28	-1.05 ± 2.34
783	7	A	AHU 17	AHU	Metal		Intact	9.7	2/24/2003 10:36:37	1.7	NEG	0.04 ± 0.22	-0.51 ± 1.31
784	7	A	Penthouse	Floor	Concrte		Intact	5.6	2/24/2003 10:37:10	3.7	NEG	0.06 ± 0.31	-0.58 ± 2.07
785	7	B	Penthouse	Wall	Concrte		Intact	5.5	2/24/2003 10:40:35	1.2	NEG	0.04 ± 0.17	-0.71 ± 2.26
786	7	A	Penthouse	Wall	Concrte		Intact	9.9	2/24/2003 10:41:06	4.3	NEG	0.08 ± 0.28	0.07 ± 1.18
787	7	A	Penthouse	Floor	Concrte		Intact	23.7	2/24/2003 10:41:30	10.0	NEG	0.21 ± 0.89	-0.08 ± 0.71
788	7	A	AHU 1	Support	Metal	Stand	Intact	7.1	2/24/2003 10:42:49	1.6	NEG	0.07 ± 0.28	-0.71 ± 1.82
789	7	A	AHU 1	Door	Metal	Casing	Intact	3.3	2/24/2003 10:43:43	1.8	NEG	0.02 ± 0.28	1.18 ± 2.81
790	7	A	AHU 1	Door	Metal	Casing	Intact	14.9	2/24/2003 10:44:06	6.0	NEG	0.12 ± 0.26	-0.17 ± 0.99
791	7	A	AHU 1	Door	Metal	Door	Intact	7.8	2/24/2003 10:44:43	1.2	NEG	0.26 ± 0.16	0.60 ± 1.66
792	7	A	AHU Random	AHU	Metal	Door	Intact	5.6	2/24/2003 10:45:31	1.0	NEG	0.01 ± 0.03	0.32 ± 1.94
793	7	A	AHU Random	AHU	Metal	Door	Intact	7.6	2/24/2003 10:45:48	5.9	NEG	0.11 ± 0.26	-1.25 ± 1.59
794	7	A	AHU Random	AHU	Metal	Door	Intact	17.2	2/24/2003 10:46:07	6.4	NEG	0.11 ± 0.22	-0.58 ± 1.14
795	7	A	AHU Random	AHU	Metal	Door	Intact	10.2	2/24/2003 10:46:44	1.0	NEG	0.00 ± 0.01	-0.94 ± 1.03
796	7	A	AHU Random	AHU	Metal	Door	Intact	5.6	2/24/2003 10:47:33	1.0	NEG	0.00 ± 0.09	-0.59 ± 1.43
797	7	A	AHU Random	AHU	Metal	Door	Intact	7.9	2/24/2003 10:47:54	1.9	NEG	0.04 ± 0.26	0.79 ± 1.65

No	Flr	Side	Room	Source	Sub	Feat	Cnd	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec
798	7	A	AHU Random	AHU	Metal	Door	Intact	5.6	2/24/2003 10:48:11	1.2	NEG	0.03 ± 0.17	0.86 ± 1.83
799	7	B	Penthouse	Ceiling	Metal	Pipes	Intact	3.2	2/24/2003 10:48:31	1.0	NEG	0.02 ± 0.17	0.04 ± 3.14
800	7	B	Penthouse	Ceiling	Metal	Pipes	Intact	3.2	2/24/2003 10:48:48	1.0	NEG	0.02 ± 0.12	1.54 ± 2.92
801	7	D	Penthouse	Ceiling	Metal	Pipes	Intact	7.3	2/24/2003 10:49:08	1.9	NEG	0.05 ± 0.22	1.08 ± 1.78
802	7	D	Penthouse	Ceiling	Metal	Pipes	Intact	7.8	2/24/2003 10:49:38	1.2	NEG	0.03 ± 0.12	1.18 ± 1.57
803	**7**	**D**	**AHU 20**	**Motor**	**Metal**	**Base**	**Intact**	**3.1**	**2/24/2003 10:51:18**	**3.3**	**POS**	**>>5.0**	**11.97 ± 5.77**
804	**7**	**D**	**AHU 20**	**AHU**	**Metal**		**Intact**	**3.1**	**2/24/2003 10:51:35**	**2.2**	**POS**	**>>5.0**	**8.33 ± 5.20**
805	7	D	AHU 26	AHU	Metal		Intact	3.3	2/24/2003 10:52:43	1.0	NEG	0.01 ± 0.23	-0.00 ± 2.77
806	**7**	**D**	**AHU 26**	**AHU**	**Metal**		**Intact**	**3.1**	**2/24/2003 10:52:57**	**4.7**	**POS**	**>>5.0**	**9.64 ± 4.71**
807	**7**	**D**	**AHU 27**	**AHU**	**Metal**		**Intact**	**3.0**	**2/24/2003 10:53:42**	**2.4**	**POS**	**>>5.0**	**12.99 ± 5.32**
808	**Bsmt**	**A**	**Hall**	**Wall**	**Rubber**	**Baseboard**	**Intact**	**10.0**	**2/24/2003 11:01:06**	**1.9**	**POS**	**1.51 ± 0.44**	**3.42 ± 1.75**
809	Bsmt	A	Hall	Wall	Concrte		Intact	21.8	2/24/2003 11:01:56	3.0	NEG	0.02 ± 0.13	-0.02 ± 0.79
810	Bsmt	C	Hall	Wall	Concrte		Intact	3.2	2/24/2003 11:02:43	1.0	NEG	0.00 ± 0.15	0.96 ± 1.66
811	Bsmt	A	Hall	Door	Wood	Casing	Intact	3.2	2/24/2003 11:03:35	1.0	NEG	0.00 ± 0.07	-0.21 ± 1.91
812	Bsmt	A	Hall	Door	Metal	Casing	Intact	3.3	2/24/2003 11:03:52	4.9	NEG	0.08 ± 0.31	0.19 ± 2.98
813	Bsmt	A	Hall	Door	Metal	Casing	Intact	8.0	2/24/2003 11:04:07	3.5	NEG	0.05 ± 0.26	1.41 ± 1.77
814	Bsmt	A	Hall	Door	Metal	Casing	Intact	5.6	2/24/2003 11:04:35	1.3	NEG	0.02 ± 0.19	0.70 ± 2.05
815	Bsmt	A	Hall	Door	Metal	Door	Intact	5.6	2/24/2003 11:04:51	4.0	NEG	0.06 ± 0.29	-0.61 ± 1.91
816	Bsmt	A	Room 82	Wall	Concrte		Intact	22.0	2/24/2003 11:07:17	4.1	NEG	0.24 ± 0.23	-0.37 ± 0.80
817	Bsmt	C	Room 82	Wall	Concrte		Intact	8.0	2/24/2003 11:08:01	1.9	NEG	0.03 ± 0.22	-0.99 ± 1.81
818	Bsmt	A	Bath 732	Door	Metal	Casing	Intact	5.6	2/24/2003 11:09:34	7.3	NEG	0.11 ± 0.23	-0.99 ± 2.29
819	Bsmt	A	Bath 732	Door	Metal	Door	Intact	5.6	2/24/2003 11:09:51	7.4	NEG	0.08 ± 0.18	0.03 ± 2.05
820	**Bsmt**	**A**	**Hall**	**Wall**	**Rubber**	**Baseboard**	**Intact**	**21.7**	**2/24/2003 11:10:26**	**2.6**	**POS**	**0.98 ± 0.28**	**1.67 ± 0.93**