

LaBella

LaBella Associates, P.C.

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Rochester, New York 14614

Appendix 1

Asbestos Survey Report

Asbestos Materials Survey

Location:

Former Photech Facility
1000 Driving Park Avenue
Rochester, New York

Prepared for:

City of Rochester
Division of Environmental Quality
City Hall Room 300B, 30 Church Street
Rochester, New York 14614-1290

LaBella Project No. 209288.03

November 2009

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I. Project Summary & Site Description

LaBella Associates, P.C. conducted an asbestos materials survey of the former Photech Facility located at 1000 Driving Park Avenue in the City of Rochester, New York. Although this survey was conducted in a manner consistent with recognized professional practices, the level of investigation/testing conducted by LaBella Associates was limited to efforts sufficient to supplement previous reports in order to satisfy the requirements of recently updated New York State regulations for a pre-demolition survey.

The Site is located at 1000 Driving Park Avenue in the City of Rochester, New York and it is comprised of 12.5 acres of land that include various building, sewer and utility improvements. A total of 15 buildings comprising approximately 108,000 square feet of space are currently on the Site. The facility consists of numerous buildings with reported construction dates ranging from circa 1948 to as recent as the early 1980's. Building construction for the facility varies, i.e. one-story brick buildings with full basements, two-story production areas and multi-story offices and laboratories. These buildings formerly housed various manufacturing, laboratory, office, and warehouse operations. A series of below ground tunnels connect several buildings. The buildings on the Site are currently vacant and in a state of disrepair. Refer to Appendix B for the Site Plan.

The Site is currently bound by: Driving Park Avenue to the south; Holleder Industrial Park to the north; Rochester Distribution Unlimited, Inc. to the east; and Electronic Media Solutions, Inc. to the west. Directly to the south of Driving Park Avenue is the Delphi manufacturing facility. The Site is approximately 1000 feet east of Mt. Read Boulevard and 2 miles east of Interstate Route 390.

The Site was originally developed in 1948 for the purpose of manufacturing photographic film and paper. It continued to be used for the manufacturing of various types of film up until 1991. Several different companies have owned and operated the facility at the Site for photographic paper and film production since its construction in 1948. The most recent owner, Photech Imaging Systems, Inc., ceased operations and abandoned the facility in 1991. Large amounts of chemicals, wastes, and various supplies and materials were left "as-is" on-site when the facility was abandoned. Since closure, the buildings have been vandalized, with ceilings, walls, piping and equipment severely damaged. As a result, asbestos and chemical residues are suspected to be present in many interior areas of the buildings. In addition, available historical information shows evidence of impacts to the subsurface from past Site operations.

The buildings are generally composed of concrete, brick and steel construction, with a few small shed structures constructed of wood and/or metal sheeting. When in operation, the facility was serviced by electric, natural gas, and public sewer utilities. A full-scale fire suppression system is also present at the site. With the exception of the sewer drainage system, the utilities are currently disconnected from service. Exterior to the buildings at the Site, the property has a mix of grassy and asphalt covered areas.

II. Document Review

To help facilitate the completion of the Asbestos Pre-Demolition Survey LaBella reviewed all available reports previously completed for the Site. Relevant information from the historical documents has been included in the findings of this report. Reports reviewed by LaBella include;

Brownfield Restoration Group - Asbestos Survey at the Photech Imaging Systems (April-June 1999):

BRG subcontracted Paradigm Environmental Services, Inc. (Paradigm) to conduct sampling for ACMs. Asbestos sampling was conducted in two phases (i.e., Phase I and Phase II asbestos sampling). Phase I asbestos sampling included environmental air sampling and wipe sampling for ACMs present on building walls, floors, and equipment to determine and establish the appropriate regulated areas within the buildings. Also as part of the Phase I asbestos sampling, Paradigm collected wipe samples inside the buildings from walls, floors, equipment, and other surfaces.

The Phase II asbestos sampling (i.e., facility wide asbestos survey) was conducted between April and June 1999. The asbestos survey was conducted to determine the location and quantity of ACMs present in the facility buildings. Initially, Paradigm observed and documented the materials used in building construction, including: floors, walls, ceilings, surfacing materials, thermal insulation systems, roofing materials, etc. in order to determine the appropriate sampling necessary. Two hundred and twelve (212) SACM samples were subsequently collected during the Paradigm asbestos survey. The samples were generally collected in accordance with procedures and guidelines commonly used and accepted in New York State. The SACM samples were initially analyzed for asbestos using PLM NIOSH Method 9002. Based on the PLM test results, 65 of the SACM samples were identified as NOB materials and therefore the results were considered inconclusive (i.e., PLM analysis is not consistently reliable in detecting asbestos in NOB materials). NOB materials are typically roofing materials, floor tiles, mastics, vinyl, etc. As such, 44 of the 65 samples identified as NOB materials were analyzed for asbestos using TEM analysis using NYSDOH ELAP Method 198.1 and 198.4. The other 21 NOB samples were identified as Presumed-ACMs (PACMs) since these samples represented small volumes of material and sampling did not appear cost effective.

Paradigm Environmental Services - Miscellaneous Asbestos Sampling:

Paradigm Environmental Services completed some miscellaneous sampling activities for the City of Rochester during the course of the Site Investigation/Remedial Alternatives phase of the project. Much of the data was collected in 2008. The information and data provided was reviewed by LaBella and incorporated into the asbestos pre-demolition survey and as appropriate.

Refer to Section IV for asbestos containing materials identified in these historical reports. See Appendix E for copies of Brownfield Restoration Group and Paradigm Environmental Services analytical data and site plans.

III. Survey Procedures

The following procedures were used to obtain the data for this Report:

- A. Existing documentation was reviewed to develop and understanding of previously identified, sampled and confirmed asbestos-containing materials.
- B. A visual inspection of the site was conducted to confirm the presence of previously identified ACM and to identify suspect asbestos-containing materials not previously sampled. All buildings and spaces were inspected as thoroughly as possible. Due to the extremely poor condition and unsafe nature of many areas of the buildings, not all areas underwent as thorough a re-inspection as would normally occur. Both the interior and exterior of the buildings were examined for the possible presence of asbestos.

- C. Bulk samples of suspected asbestos-containing materials (ACMs) were collected during the site inspection.
- D. Asbestos samples were submitted for analysis. Preliminary Polarized Light Microscopy analyses of non-friable, organically bound (NOB) materials were performed by LaBella Laboratories, a NYSDOH approved laboratory, to determine the presence and percentage of asbestos in each sample. Transmission electron microscopy analyses of NOB materials, if necessary, were performed by AMA Analytical, Inc.
- E. Lab results were used to determine the approximate location, type, and amount of the verified ACMs. Results of bulk sample analyses are tabulated in the attached Asbestos Sampling Forms.

Limitations: The site has reportedly been vacant since 1991 and has fallen into a state of disrepair. Much of the interior space has been significantly disturbed by the unauthorized removal of building components presumably for its salvage value. Only accessible areas were inspected. In addition, several buildings were partially inaccessible due to poor building conditions, i.e. collapsed roof, asbestos-containing debris contamination.

IV. Results

Based on information obtained using the procedures described in the Survey Procedures portion of this report (below), the following summarizes the results of this and previous investigations:

Confirmed Asbestos-Containing Materials (ACMs)

Based on laboratory analyses of bulk samples collected from the structures located at the site, the following materials were determined to contain asbestos (refer to Appendix B for a specific building location and identification):

BUILDING 1 - FORMER RESEARCH & DEVELOPMENT BUILDING

Building 1 is located on the southern portion of the Site and is a two-story structure constructed in the 1980's. Building 1 is approximately 6,500 square feet including the basement. Building 1 consists predominantly of research laboratories, equipment storage, and office space.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Gray/Brown Window Caulk	Exterior of Building 1 Between Window Frame and Window Openings	AA.01, AA.02, AA.03	<i>General Note #1</i>	900 Linear Feet (48 Windows)	Non-Friable, Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Grey Transite	Cabinets and Fume Hoods (also debris on floor)	AA.03	See <i>Legend</i> on Figure	600 Square Feet
Pipe Insulation	Scattered Throughout Portions of Building	AA.02, AA.03	See <i>Legend</i> on Figure	NA
Red Duct Caulk	On All Metal Duct Seams	AA.01, AA.02, AA.03	<i>General Note #2</i>	NA
Grey 12" x 12" Floor Tile and Mastic	Room 109, Floor	AA.02	See <i>Legend</i> on Figure	~100 Square Feet

BUILDING 2 – FORMER EMULSION BUILDING

Building 2 was part of the original facility constructed in 1948 and is a four-story structure with a basement located just to the North of Building 1 in the Southern portion of the Site. Building 2 is approximately 5,000 square feet and consisted mainly of chemical preparation, mixing, and storage rooms as well as additional laboratory space.

LaBella Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Black Fibrous Flashing	Roof	AA.04, AA.12	"ACM Black Flashing"	NA	Non-Friable, Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Pipe Insulation	In Place and Scattered Throughout Portions of Building	AA.01-AA.04	See <i>Legend</i> on Figures	5,860 Linear Feet Total, ~2,100 Linear Feet Intact
White Tank Insulation	Two Tanks in Basement Machine Room	AA.01	"2 Insulated Tanks"	1,200 Square Feet
White/Grey Duct Insulation	In Place and Scattered Throughout Portions of Building	AA.01-AA.04	See <i>General Note 6</i>	6,200 Linear Feet Total, ~4,100 Linear Feet Intact
Grey Transite	Basement, General Stock Room	AA.01	"ACM Sheet (Transite) on Walls"	1,500 Square Feet
Black Tank Coating	Basement, Bulk Storage Area	AA.01	"Tar Coating on Concrete Tanks"	650 Square Feet

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Black Tar	Basement, Emulsion Cold Storage Under Cork Walls and on Cork Around Glass Block Windows	AA.01	"ACM Tar Under Cork Walls" Seen <i>General Note 7</i>	4,000 Square Feet
Black Elbows and Steam Pipe Cover	Basement, Bulk Storage Room	AA.01	"Black Elbows and Steam Pipe Cover"	370 Linear Feet
Black Tank Insulation Mastic	1 st Floor, Room 111B	AA.02	"ACM Black Tank Insulation Mastic"	580 Square Feet
Grey Transite	2 nd Floor, Container Wash & Storage Room Fume Hood	AA.03	"ACM Transite Hood"	80 Square Feet
Grey Vibration Cloth	Penthouse	AA.04	"ACM Vibration Cloth"	60 Linear Feet
Grey Wall Insulation	Penthouse	AA.04	"ACM Wall Insulation"	30 Square Feet
Black Flashing	Roof	AA.04, AA.12	"ACM Black Flashing"	420 Square Feet
Black Duct Insulation	Penthouse	AA.04	"ACM Black Duct Insulation"	125 Square Feet
Black Pipe Insulation	Roof	AA.04	"ACM Black Pipe Insulation"	100 Linear Feet
Grey Wall Caulk	All Exterior Joints, Doors, and Other Penetrations	AA.01-AA.04	See <i>General Note #4</i>	NA
Grey Window Caulk	Exterior of Building 2 Between Window Frame and Window Openings	AA.01-AA.04	See <i>General Note #1</i>	NA

BUILDING 3 – FORMER GARAGE

Building 3 was part of the original facility constructed in 1948 and is located adjacent to the North of Building 2. Building 3 is a one-story garage that is approximately 600 square feet and was used as storage for the Maintenance Shop (Building 4).

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Black Built-up Roofing	Roof (Some on Floor of Garage)	AA.12	NA	400 Square Feet	Non-Friable / Fair-Poor

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Garage	AA.05	See Legend on Figure	2 Linear Feet
Black Roof Flashing	Roof	AA.12	NA	80 Square Feet
Tan Exterior Caulk	East Wall Around Garage Door	AA.05	See Legend on Figure	30 Linear Feet

BUILDING 4 – FORMER MAINTENANCE BUILDING

Building 4 was part of the original facility constructed in 1948 and is located adjacent to Building 3 to the South and Building 6 to the North. Building 4 is a one-story structure that is approximately 1,500 square feet and was used as a Maintenance Shop.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
White Window Glazing	Window Between Glass Pane and Steel Frame	AA.05	See Legend on Figure	7 Windows	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Wall Spackle	Electric Room Walls and Ceilings*	AA.05	See Legend on Figure	760 Square Feet **
White Pipe Insulation	Work Room (Some on Floor as Debris)	AA.05	See Legend on Figure	80 Linear Feet
Black Roof Flashing	Roof	AA.12	NA	200 Square Feet
Grey Exterior Wall Caulk	East Wall Around Garage Door	AA.05	See Legend on Figure	23 Linear Feet
Black Exterior Joint Caulk	East Wall Around Garage Door	AA.05	See Legend on Figure	Not Quantified

* The former Electrical Room is in poor condition and a large portion of the asbestos-containing wall spackle is located on the ground surface of the space and the areas immediately adjacent to the space.

** Most of the walls and ceiling are painted and it is not possible to determine the exact extent and locations of the wall spackle. Therefore, for removal estimating purposes, it is assumed that the wall spackle will be removed along with the underlying drywall.

BUILDING 5 – FORMER BOILER HOUSE

Building 5 was part of the original facility constructed in 1948 and is located adjacent to the North of Building 6. Building 5 is a two-story structure with no basement that is approximately 2,250 square feet and was the former boiler house.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Window Glazing	Window Between Glass Pane and Steel Frame	AA.06	See <i>Legend</i> on Figures	8 Windows	Non-Friable / Fair
Black Roofing	Roof, First Layer & Third Layer	AA.06, AA.12	See <i>Legend</i> on Figures	1,200 Square Feet	Non-Friable / Fair
Black Roof Flashing	Roof	AA.06, AA.12	See <i>Legend</i> on Figures	NA	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Boiler House (Some on Floor as Debris)	AA.06	See <i>Legend</i> on Figure	700 Linear Feet
White Gasket and Boiler Insulation	Boiler House (Some on Floor as Debris)	AA.06	See <i>Legend</i> on Figure	400 Square Feet
Black Roof Membrane	Roof	AA.06, AA.12	“ACM Roof Membrane”	2,400 Square Feet
Black Roof Flashing	Roof	AA.06, AA.12	“ACM Roof Flashing)	200 Square Feet
Transite Sheeting Debris	East of Boiler House Near Former Transformer	AA.06	“ACM Transite Sheeting Debris”	Not Quantified
Grey Transite Panels	Electric Box Enclosure	AA.06	See <i>Legend</i> on Figure	60 Square Feet

BUILDING 6 – FORMER STATIONARY ENGINEERS OFFICE

Building 6 is located adjacent to the North of Building 4 and South of Building 5 and is a one-story structure constructed as an addition in the 1980's. Building 6 is approximately 500 square feet, has no basement, and was utilized as the Stationary Engineers Office.

LaBella - Asbestos Materials Survey (2009)

Based on laboratory analyses of bulk samples collected from Building 6 by LaBella Associates, no other materials were determined to contain asbestos.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Black Roof Field	Roof	AA.12	NA	700 Square Feet
Black Roof Flashing	Roof	AA.12	NA	150 Square Feet

BUILDING 7 – FORMER COATING ALLEY

Building 7 was part of the original facility constructed in 1948 and is located adjacent to the North of the Northwest portion of Building 2, to the East of Buildings 9 and 10, and to the South of Building 12. Building 17 is above the Northern portion of Building 7 as a majority of the lower level of Building 7 is at or below grade at the Site. Building 7 is a one-story structure that contains a mezzanine above the lower level and is approximately 3,600 square feet. This building was utilized as the coating and drying alley.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Black Roof Flashing	Roof	AA.12	See Legend on Figures	550 Square Feet	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Coating Alley Along West Wall and in Utility Tunnel (Some on Floor as Debris)	AA.11	See <i>Legend</i> and <i>General Note #1</i> on Figure	210 Linear Feet
Grey Duct Insulation	Fan Room	AA.11	"ACM Duct and Pipe Insulation"	180 Square Feet
Grey Sheet Vinyl	Mezzanine Level Floor	AA.11	See <i>Legend</i> on Figure	2,600 Square Feet
Brown Cove Molding Mastic	Mezzanine Level, Base of Eastern Wall	AA.11	"ACM Interior Cove Molding Mastic"	360 Square Feet
Black Pipe Wrap	Coating Alley, Coating and Chill Room	AA.11	"ACM Black Pipe Wrap"	10 Linear Feet
Black Roof Flashing	Roof	AA.12	NA	550 Square Feet
Black Asphalt Siding	Exterior	AA.11	"Exterior Black Asphalt Siding"	4,300 Square Feet
Tan Tank Insulation Mastic	Basement, Coating Alley on Tank	AA.11	"ACM Tank Insulation"	270 Square Feet
Tan Pipe Insulation Mastic	Mezzanine (Some on Floor as Debris)	AA.11	"ACM Tan Pipe Insulation Mastic"	200 Linear Feet (some may no longer be present)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Black Tar	East & West Side Base of Building	AA.11	See Legend	200 Linear Feet

BUILDING 8

Building 8 is located adjacent to the West of Building 2 and is a tall one-story structure constructed as an addition in the 1980's. Building 8 is approximately 330 square feet and has no basement.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Black Roof Flashing	Roof	AA.12	NA	NA	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Black Fire Door Insulation	Door	AA.02	"ACM Fire Door"	64 Square Feet
Black Wall Caulk	Interior Walls	AA.02	"ACM Black Wall Caulk"	120 Linear Feet

BUILDING 9 – FORMER KATHABAR

Building 9 is located adjacent to the West of the Southern portion of Building 7 and is a tall one-story structure constructed as an addition in the 1980's. Building 8 is approximately 570 square feet, has no basement, and housed a Kathabar system.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Pipe Insulation	Debris on Floor	AA.11	See Legend on Figure	8 Square Feet	Friable / Poor
Black Roof Flashing	Roof	AA.11, AA.12	"ACM Roof Flashing"	100 Square Feet	None-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Grey Wall Caulk	Exterior Building Joints and Door Frame Joints	AA.11	"Exterior ACM Grey Caulk"	Not Quantified

BUILDING 10 – FORMER KATHABAR

Building 10 is located adjacent to the central portion of Building 7 and is a tall one-story structure constructed as an addition in the 1980's. Building 10 is approximately 1,000 square feet, has no basement, and housed a Kathabar system.

LaBella - Asbestos Materials Survey (2009)

Based on laboratory analyses of bulk samples collected from Building 10 by LaBella Associates, no other materials were determined to contain asbestos.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Intact on Pipes	AA.11	See General Note #3	50 Linear Feet
Black Roof Flashing	Roof	AA.11, AA.12	"ACM Roof Flashing"	100 Square Feet

BUILDING 11 – FORMER CHEMICAL LAB

Building 11 was part of the original facility constructed in 1948 and is located adjacent to the South of Building 16. Building 11 is a one-story structure with a basement and is approximately 3,900 square feet. This building consisted mainly of laboratories and office space.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Black Roof Flashing	Roof	AA.10, AA.12	See <i>Legend</i> on Figures	NA	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Intact on Pipes (Some on the Floor as Debris)	AA.10	See <i>General Note #1</i>	2,960 Square Feet
Grey Window Glaze	Basement Windows Between Glass Pane and Steel Frame	AA.10	See <i>General Note #2</i>	200 Square Feet
Grey Expansion Cloth	Basement, Room B-4	AA.10	"ACM Expansion Cloth"	4 Square Feet
White Fire Door Insulation	Throughout 1 st Floor	AA.10	See <i>General Note #3</i>	420 Square Feet
Brown 12" x 12" Floor Tile and Mastic	1 st Floor, Room B-103	AA.10	See <i>Legend</i> on Figure	225 Square Feet

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Grey Transite	1 st Floor, Room B-108 & B-109 on Cabinets and Fume Hoods	AA.10	See <i>Legend</i> on Figure	300 Square Feet
Red Duct Caulk	Basement, Room B-4; 1 st Floor, Room B-109	AA.10	"ACM Red Duct Caulk"	22 Linear Feet
Orange Sheet Vinyl and Mastic	Stairway Stair Tread	AA.10	See <i>Legend</i> on Figure	130 Square Feet
Black Roof Flashing	Roof	AA.10, AA.12	"ACM Roof Flashing"	300 Square Feet
Black Roofing	Roof	AA.12	See <i>Legend</i> on Figure	5,400 Square Feet
Gray Caulk	Exterior Building Joints and Door Frame Joints	AA.10	"Exterior ACM Grey Caulk"	Not Quantified

BUILDING 12 – FORMER SUB-COAT BUILDING

Building 12 is the Northern most building at the Site located adjacent to the North of Buildings 16, 7, and 17. Building 12 is a one-story structure constructed as an addition in the 1980's, has no basement and was utilized predominantly for storage and receiving.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Black Roof Flashing	Roof	AA.12	NA	755 Square Feet	Non-Friable / Fair
Wall Mastic	East Wall	AA.07	See Figure	1,500 Square Feet	Good

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Pipe Insulation	Unknown *	NA	NA	260 Linear Feet
Grey Transite Panels	West Wall of Former Chemical Storage Room	AA.07	See <i>Legend</i> on Figure	150 Square Feet
Black Roof Membrane	Roof	AA.12	See <i>Legend</i> on Figure	5,200 Square Feet
Black/Silver Roof Flashing	Roof	AA.12	See <i>Legend</i> on Figure	755 Square Feet

* Material not observed in during LaBella's 2009 survey.

Note: 12" x 12" floor tile, mastic and cove molding (Receiving Office) confirmed asbestos-free by TEM.

BUILDING 16 – FORMER PROCESS BUILDING

Building 16 is located adjacent to the North of Building 11 and South of Building 12 and was constructed as part of the original facility in 1948. Building 16 is a one-story structure with a basement and is approximately 9,350 square feet. This building was utilized as the process building and contained some laboratories and office space.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Black Roof Flashing	Roof	AA.09, AA.12	See <i>Legend</i> on Figures	450 Linear Feet	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White/Black Pipe Insulation	Most on Floor as Debris	AA.09	See <i>Legend</i> and <i>General Note #1</i> on Figure	3,850 Linear Feet
Grey 9" x 9" Floor Tile and Mastic	Most of Floor on 1 st Floor	AA.09	See <i>Legend</i> on Figure	3,000 Square Feet
White Duct Insulation	Penthouse Fan Room (Some on Floor as Debris)	AA.09	"ACM Duct Insulation"	600 Square Feet
Red Duct Caulk	Basement, Room B-26	AA.09	"ACM Red Duct Caulk"	5 Linear Feet
Black Roof Flashing	Roof	AA.09, AA.12	"ACM Roof Flashing"	450 Linear Feet

BUILDING 17 – FORMER DRYER ADDITION

Building 17 is located above the Northern portion of Building 7 and was an addition constructed in the 1980's. This building is a two-story structure that is 6,200 square feet and contained the machinery associated with the drying operations of Building 7 (drying portion of coating alley).

LaBella - Asbestos Materials Survey (2009)

Based on laboratory analyses of bulk samples collected from Building 17 by LaBella Associates, no other materials were determined to contain asbestos.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Fire* Door Insulation	Lower Level, Throughout Floor	AA.08	Not Specified	240 Square Feet

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Grey Pipe Insulation and Grey Joint Compound	Northwest Portion of Lower Level (Some on Floor as Debris)	AA.08	"ACM Pipe Fitting Insulation Near Ceiling Ductwork"	260 Linear Feet
White Vibration Cloth	Upper Level in Southwest Corner	AA.08	"ACM Vibration Cloth"	30 Linear Feet
Grey and Brown Wall Insulation	Upper Level in Southwest Corner	AA.08	"ACM Wall Insulation"	150 Square Feet
Black Pipe Wrap	Upper Level in Southwest Corner	AA.08	"ACM Pipe Wrap"	30 Linear Feet
Black Tar	Foundation	AA.08	See <i>Legend</i> on Figure	Not Quantified
Pipe Insulation	Throughout Building (Most on Floor as Debris)	AA.08	See <i>Legend</i> on Figure	Not Quantified

*Not identified in this survey, quantity unknown.

GUARD SHACK

The Guard Shack is located to the Southwest of Building 11. This structure is one-story and is 80 square feet.

LaBella - Asbestos Materials Survey (2009)

No additional bulk samples were collected from the Guard Shack by LaBella Associates.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
12" x 12" Floor Tile	Floor	AA.10	"ACM Floor Tile"	20 Square Feet
Black Roofing	Roof	AA.10&13	"ACM Roofing"	30 Square Feet

SILVER RECOVERY EQUILIZATION WASTEWATER ABOVEGROUND STORAGE TANK

The 12,000-gallon aboveground Silver Recovery Equalization Wastewater Tank is located to East of Building 1.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Black Tar/Tar Paper	Beneath Metal Jacket of Tank	AA.01	NA	500 Square Feet	Non-Friable / Fair

PERSONNEL TUNNELS (BETWEEN BUILDINGS 1, 2 & 11; BUILDINGS 16 & 17)

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Pipe Insulation Debris	Floor	NA	NA	500 Square Feet	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Based on document review of previous reports, no other asbestos-containing materials were identified in the Personnel Tunnels.

MECHANICAL SYSTEM TUNNELS (BETWEEN BUILDINGS 2 & 5; BUILDINGS 5 & 11)

LaBella - Asbestos Materials Survey (2009)

Based on laboratory analyses of bulk samples collected from the Mechanical System Tunnel by LaBella Associates, no materials were determined to contain asbestos.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
White Pipe Insulation	Piping in Tunnel and on Floor	AA.01, .06, .09, & .10	See Figure Legend	220 Linear Feet	Friable/Poor
Black Pipe Wrap	Piping in Tunnel and on Floor	AA.01, .06, .09, & .10	See Figure Legend	280 Linear Feet	Non-Friable / Poor
Black Tar/Tar Paper	Beneath Metal Jacket of Tank	AA.01	NA	500 Square Feet	Non-Friable / Fair

V. Special Considerations

The following special considerations should be taken into account during the evaluation of abatement procedures.

Site Conditions:

In addition to the ACM materials at the Site, the nature, conditions and contents of site structures and surrounding areas should be taken into consideration prior to asbestos abatement activities. The Site has been abandoned since 1991, and in that time natural degradation, vandalism and significant scavenging have taken place resulting in potentially dangerous debris (broken glass, metal, concrete/brick, piping, etc.) scattered at random, site-wide.

Some of the structures have incurred structural damage and it should be assumed that the integrity of all structures has been compromised to some extent. Also excessive vegetation has accumulated around Site features and could represent a hazard during site activities (i.e., allergenic considerations, abrasives, decreased access or visibility of some areas, etc.). Caution should be taken during activities in or around any site structure.

Chemical Contamination:

Based on the former use of the Site in the photographic industry, activities conducted throughout the Site often utilized regulated and/or hazardous chemicals. Several areas of the Site and the contents of some in-place, on-site infrastructure have been determined through sampling and laboratory analysis to be a characteristic hazardous waste based on toxicity. Other areas of the Site contain residual chemical contamination which requires handling and disposal as a regulated solid waste. Based on the condition of the Site it is not possible to pre-characterize all debris and remaining building equipment and infrastructure in regard to the presence of residual chemicals.

In addition to general chemical cross-contamination, piping systems are present at the Site that have a high likelihood of containing residual chemicals. All on-site piping should be considered suspect and should be addressed in accordance with the Containerization, Characterization and Disposal of Waste Specification Section 02300.

HAZWOPER 40 Hour training is required for employees working on a project consisting of Uncontrolled Hazardous Waste Operation. This training is specifically designed for workers who are involved in clean-up operations, voluntary clean-up operations, emergency response operations, and storage, disposal, or treatment of hazardous substances or uncontrolled hazardous waste sites. This course covers topics included in 29 CFR 1910.120. Based on the known activities and conditions at the Site, all on-site employees should have the appropriate training.

Figures, photos and analytical results for some but not all of these materials and areas are provided for review. Proper safety measures should be taken when handling or staging these materials for future disposal. It should be noted that the condition of the Site makes a reconnaissance of such items difficult and the possibility exists that additional materials may be present and not identified.

Histoplasmosis:

Additionally there is a high prevalence of avian (i.e., pigeon) feces throughout site structures and appropriate safety measures should be taken to avoid significant exposure. Site workers should be alerted to the causes and symptoms of histoplasmosis.

Y:\Rochester, City\209288.03 Asbestos\Reports\Asbestos Materials Survey Final 2009.11.24.doc

Asbestos Bulk Sample Summary Tables

LaBella Asbestos Bulk Sample Summary Table

Former Photech Facility
1000 Driving Park Avenue

LaBella Project No. 209288

Building #2

Sample #	Sample Location	Type of Material	Results % Asbestos
FLA-010	Southern Portion of Roof	Black Roof Flashing	23% Chrysotile
FLA-012	Eastern Portion of Roof	Black Roof Flashing	15% Chrysotile

Building #3

Sample #	Sample Location	Type of Material	Results % Asbestos
3-1A	HVAC Duct at North End of Garage	Gray Duct Caulk	None Detected
3-2A	Southeast Corner of Roof at Hole in Roof	Built-up Roofing	6% Chrysotile

Building #4

Sample #	Sample Location	Type of Material	Results % Asbestos
4-1A	Building 4 in Northwest Corner of Maintenance Shop	Light Brown 12x12 Floor Tile with Black Mastic	None Detected
4-2A	Building 4 on South Window of Maintenance Shop	Window Glazing	6.3 % Chrysotile
4-3A	Building 4 on North Wall Brown Paneling	Tan Adhesive	None Detected

Building #5

Sample #	Sample Location	Type of Material	Results % Asbestos
5-1A	Building 5 on East Window	Window Glaze	None Detected

- T1 -

Asbestos Materials Survey
Former Photech Facility
1000 Driving Park Avenue, Rochester, New York
LaBella Project No. 209288.03

LABELLA

LaBella Asbestos Bulk Sample Summary Table (cont'd)

Former Phototech Facility
1000 Driving Park Avenue

LaBella Project No. 209288

Sample #	Sample Location	Type of Material	Results % Asbestos
ROF-035	Building 5 Roof	Black Roofing, First Layer	2% Chrysotile
ROF-035B	Building 5 Roof	Black Roofing, Third Layer	32% Chrysotile
FLA-036	Building 5 Roof	Black Fibrous Flashing	17% Chrysotile
ROF-037B	Building 5 Roof	Black Fibrous Roofing	35% Chrysotile
FLA 038	Building 5 Roof	Black Fibrous Flashing	18% Chrysotile

Building #6

Sample #	Sample Location	Type of Material	Results % Asbestos
6-1A	Building #6 Bathroom Floor	12x12 Floor Tile	None Detected
6-2A	Building #6 Bathroom Floor	Black Mastic	None Detected

Building #7

Sample #	Sample Location	Type of Material	Results % Asbestos
FLA-026	Building 7 Roof Edge	Black Fibrous Flashing	39% Chrysotile
FLA-028	Building 7 Roof Edge	Black Fibrous Flashing	38% Chrysotile

Building #8

Sample #	Sample Location	Type of Material	Results % Asbestos
FLA-014	Building 8 Roof	Black Fibrous Flashing	7% Chrysotile
FLA-016	Building 8 Roof	Black Fibrous Flashing	10% Chrysotile

- T2 -

Asbestos Materials Survey
Former Phototech Facility
1000 Driving Park Avenue, Rochester, New York
LaBella Project No. 209288.03

LABELLA

LaBella Asbestos Bulk Sample Summary Table (cont'd)

Former Photech Facility
1000 Driving Park Avenue

LaBella Project No. 209288

Building #9

Sample #	Sample Location	Type of Material	Results % Asbestos
BLDG9-1A	Floor on Kathabar Building	Pipe Wrap Debris	
FLA-018	Building 9 Roof	Black Fibrous Flashing	21% Chrysotile
FLA-020	Building 9 Roof	Black Fibrous Roofing	16% Chrysotile

Building #11

Sample #	Sample Location	Type of Material	Results % Asbestos
FLA-002	Building 11 Roof	Black Fibrous Flashing	11% Chrysotile
FLA-004	Building 11 Roof	Black Fibrous Flashing	11% Chrysotile

Building #12

Sample #	Sample Location	Type of Material	Results % Asbestos
12-1A	Building 12 Corridor #15 on Block Wall Joint	Vertical Joint Caulk	None Detected
12-1B	Building 12 Corridor #15 on Block Wall Joint	Vertical Joint Caulk	None Detected
12-2A	Building 12 Receiving Office 1 st Floor	Brown 12x12 Floor Tile with Black Mastic	None Detected
12-3A	Building 12 Receiving Office 1 st Floor	Tan Cove Base Molding Mastic	None Detected
12-4A	Building 12 on Vertical Pipes in Incinerator Room	Gray Pipe End Sealer	None Detected

- T3 -

Asbestos Materials Survey
Former Photech Facility
1000 Driving Park Avenue, Rochester, New York
LaBella Project No. 209288.03

LABELLA

LaBella Asbestos Bulk Sample Summary Table (cont'd)

Former Photech Facility
1000 Driving Park Avenue

LaBella Project No. 209288

Sample #	Sample Location	Type of Material	Results % Asbestos
12-5A	Building 12 Below Tan Exterior Façade on CMU	Gray Adhesive	None Detected
FLA-032	Building 12 Roof	Black Fibrous Flashing	18% Chrysotile
FLA-034	Building 12 Roof	Black Fibrous Flashing	17% Chrysotile

Building #16

Sample #	Sample Location	Type of Material	Results % Asbestos
FLA-006	Building 16 Roof	Black Fibrous Flashing	19% Chrysotile
FLA-008	Building 16 Roof	Black Fibrous Flashing	7.3% Chrysotile

Building #17

Sample #	Sample Location	Type of Material	Results % Asbestos
BLDG17-1A	On Roof Drain Pipe Fitting near Ceiling Ductwork	Pipe Fitting Insulation	

Carpenter Shed

Sample #	Sample Location	Type of Material	Results % Asbestos
CS-1A	North Floor of Shed	Door Insulation	10% Amosite
CS-2A	2 nd Floor North Side of Shed	Ceiling Tile	None Detected
CS-3A	South Entrance on Floor	Debris	16% Amosite

- T4 -

Asbestos Materials Survey
Former Photech Facility
1000 Driving Park Avenue, Rochester, New York
LaBella Project No. 209288.03

LABELLA

LaBella Asbestos Bulk Sample Summary Table (cont'd)

Former Photech Facility
1000 Driving Park Avenue

LaBella Project No. 209288

Wood Shed

Sample #	Sample Location	Type of Material	Results % Asbestos
WS-1A	Roof of Small Wood Shed	Roofing Material	None Detected

- T5 -

Asbestos Materials Survey
Former Photech Facility
1000 Driving Park Avenue, Rochester, New York
LaBella Project No. 209288.03

LABELLA

Appendix A

Asbestos Survey Fact Sheet

Asbestos Survey Fact Sheet

Name and Address of Building/Structure

Former Photech Facility

1000 Driving Park Avenue

Rochester, New York

Name and Address of Building/Structure Owner

City of Rochester

30 Church Street, Suite 300B

Rochester, New York 14614

Name and Address of Owner's Agent

LaBella Associates, Inc.

300 State Street, Suite 201

Rochester, NY 14614

Name of the Firm & Persons Conducting the Survey

LaBella Associates, P.C.

Mitchell C. Smith (NYSDOL Cert. #97-15393)

Thomas J. Kihn (NYSDOL Cert. #88-02892)

Date(s) the LaBella Survey Was Conducted

August through October 2009

Asbestos Survey Fact Sheet (cont.)

Building 1

List of Homogeneous Areas

(Items in Bold Confirmed ACM)

Grey Spray-on Monokote

White Spackle

Beige Cove Molding Mastic

Beige Carpet Mastic

White/Grey Suspended Ceiling Tile

Orange Stair Tread Sheet Vinyl Mastic

Black Stair Tread Sheet Vinyl Mastic

Grey Battleship Sheet Vinyl

Red Duct Caulk

Grey 12" x 12" Floor Tile

Yellow Floor Tile Mastic

White Fire Door Insulation

Red Sheet Vinyl

Tan Foam Mastic

Grey Transite Cabinets/Fume Hood

Grey Drywall

Black Vapor Barrier

White Window Glaze

Grey Wall Caulk

Brown Drywall

Grey Cement Adhesive

- 2 -

Asbestos Materials Assessment
Former Photech Facility
1000 Driving Park Avenue, Rochester, New York
LaBella Project No. 209288

LABELLA

Grey Cement Siding

White Pipe Insulation

Building 2

**List of Homogeneous Areas
(Items in Bold Confirmed ACM)**

Black Elbow and Steam Pipe Cover

Black Pipe Cover Over Cork

Grey Wall Caulk

Black Expansion Joint

Black Roofing

Silver/Black Roof Flashing

Black Roof Membrane

Black Duct Insulation

Black Pipe Insulation

Red Paint

White Pipe Insulation

Grey Vibration Cloth

Grey Duct Insulation

Tan Brick Ceiling

Tan Insulation Mastic

White Wall Plaster

Grey Wall Insulation

White Wall Plaster

Grey Wall Plaster

White 2'x2' Suspended Ceiling Tile

White Spackle

Grey Wall Plaster

Yellow Ceramic Tile Mastic

Black Sink Mastic

White/Grey 2'x4' Suspended Ceiling Tile

Yellow Ceramic Tile Mastic

Tan 12"x12" Floor Tile

Black Floor Tile Mastic

Black Tank Insulation Mastic

Grey Cove Molding Mastic

Grey Transite Wall

Black Tank Coating

Black Tar

Transite Fume Hood

Building 3

**List of Homogeneous Areas
(Items in Bold Confirmed ACM)**

Grey Duct Caulk

Black Roof Flashing

Built-up Roofing

White Pipe Insulation

Tan Wall Caulk

Building 4

**List of Homogeneous Areas
(Items in Bold Confirmed ACM)**

Grey Ceiling Plaster

White Spackle

Tan Carpet Mastic Floor

Brown 12"x12" Floor Tile

Black Floor Tile Mastic

Grey/White Window Glaze

Black Roof Flashing

Black Roof Membrane

Grey Roof Decking

White Pipe Insulation

Tan Panel Adhesive

Gray Wall Caulk

Black Expansion Joint Tar

Building 5

List of Homogeneous Areas
(Items in Bold Confirmed ACM)

Black Pipe Wrap

White Pipe Insulation

Grey Transite

White Gasket

White Boiler Insulation

White Window Caulk

Black Roof Flashing

Black Roof Membrane

Brown Tank Insulation

Tan Pipe Insulation Mastic on Foam

Window Glazing

Transite Debris

Building 6

**List of Homogeneous Areas
(Items in Bold Confirmed ACM)**

White/Grey 2'x4' Ceiling Tile

White Spackle

Tan 12" x 12" Floor Tile

Black Floor Tile Mastic

Black Roof Field

Black Roof Flashing

Grey Window Caulk

Building 7

**List of Homogeneous Areas
(Items in Bold Confirmed ACM)**

Grey Duct Insulation

White Pipe Insulation

Black Roof Flashing

Black Roof Membrane

Black Asphalt Siding

Tan Duct Insulation Mastic

Grey Sheet Vinyl

Black Sheet Vinyl Mastic

Tan 9"x9" Floor Tile

Black Floor Tile Mastic

Tan Tank Insulation Mastic

Black/Silver Tar Paper

Brown Cove Molding Mastic

White Ceiling Plaster

Black Pipe Wrap

Tan Pipe Insulation Mastic

Black Fibrous Tar

Building 8

List of Homogeneous Areas
(Items in Bold Confirmed ACM)

Black Fire Door Insulation

Black Wall Caulk

Black Expansion Cloth

White Caulk

Brown Expansion Joint

Building 9

List of Homogeneous Areas
(Items in Bold Confirmed ACM)

Black Roof Flashing

Black Roof Membrane

Tan Tank Insulation Mastic

White Mudded Joint Packing

Gray Wall Caulk

Building 10

List of Homogeneous Areas
(Items in Bold Confirmed ACM)

Brown Expansion Joint

White Mudded Joint Packing

Black Roof Membrane

Black Roof Flashing

Building 11

List of Homogeneous Areas
(Items in Bold Confirmed ACM)

White Pipe Insulation

Black Ceramic Tile Mastic

Grey Duct Cloth Expansion Cloth

Grey Window Glaze

Red Duct Caulk

White Tank Covering

Orange Sheet Vinyl

Tan Sheet Vinyl Mastic

Grey 12"x12" Floor Tile

Tan Floor Tile Mastic

Brown Cove Molding Mastic

Brown 12" x 12" Floor Tile

Black Floor Tile Mastic

White Fire Door Insulation

Grey Transite Cabinet Liner

Black Roof Felts

Black Roof Flashing

Black Roof Membrane

Gray Caulk

Building 12

List of Homogeneous Areas (Items in Bold Confirmed ACM)

Grey 2'x2' Suspended Ceiling Tile

Grey Mudded Joint Packing

Grey Pipe Insulation

White Pipe Insulation

Grey Transite Wall

Brown 12" x 12" Floor Tile

Black Floor Tile Mastic

Tan Cove Molding Mastic

Black Roof Felts

Black/Silver Roof Felts

Black Roof Flashing

Black Roof Membrane

Black Foam Insulation Mastic

Grey Roof Decking

Gray Pipe End Sealer

Gray Cement

Gray Wall Caulk

Pink Cement

Building 16

List of Homogeneous Areas (Items in Bold Confirmed ACM)

Black Roof Felts

Black Pipe Insulation Mastic

White Pipe Insulation

- 9 -

Asbestos Materials Assessment
Former Photech Facility
1000 Driving Park Avenue, Rochester, New York
LaBella Project No. 209288

LABELLA

White Duct Insulation

Grey Ceiling Plaster

Red Duct Caulk

Tan Mastic

White Foam Cover

White Plastic

Grey 9" x 9" Floor Tile

Brown Floor Tile Mastic

Black Floor Tile Mastic

White Spackle

White 2'x4' Suspended Ceiling Tile

White Roof Decking

Grey Wall Board

Black Pipe Insulation

Black Roof Flashing

Building 17

**List of Homogeneous Areas
(Items in Bold Confirmed ACM)**

White Fire Door Insulation

Grey Pipe Insulation

Grey Mudded Joint Packing

Grey Duct Insulation

Black Duct Insulation

Grey Duct Caulk

White Vibration Cloth

Grey Wall Insulation

Brown Wall Insulation

Grey Sheet Vinyl

White Spackle

Black Pipe Wrap

Black Tar Paper

Black Tar on Foundation

Guard Shack

List of Homogeneous Areas

(Items in Bold Confirmed ACM)

Black Fire Door Insulation

Black Wall Caulk

Black Expansion Cloth

White Wall Caulk

White/Grey 2'x2' Suspended Ceiling Tile

Brown 12"x12" Floor Tile

Brown Floor Tile Mastic

Black Roofing Tar

Silver Recovery Waste Water Tank

List of Homogeneous Areas

(Items in Bold Confirmed ACM)

Brown Mastic

White Canvas Cloth

Black Tar Paper

Subgrade Tunnels

List of Homogeneous Areas

(Items in Bold Confirmed ACM)

White Pipe Insulation

Black Pipe Wrap

Appendix B

Licenses and Certifications

NEW YORK STATE - DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

La Bella Associates Pc
Suite 201
300 State Street
Rochester, NY 14614

FILE NUMBER: 99-1172
LICENSE NUMBER: 29278
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 01/16/2009
EXPIRATION DATE: 01/31/2010

Duly Authorized Representative: Sergio Esteban

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010
Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RICHARD K. ROTE
LABELLA ASSOCIATES
300 STATE STREET
ROCHESTER, NY 14614

NY Lab Id No: 11184
EPA Lab Code:

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Miscellaneous

Asbestos in Friable Material EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM Item 198.6 of Manual (NOB by PLM)

Serial No.: 39232

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010
Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RICHARD K. ROTE
LABELLA ASSOCIATES
300 STATE STREET
ROCHESTER, NY 14614

NY Lab Id No: 11184
EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

Miscellaneous Air

Fibers

NIOSH 7400 A RULES

Serial No.: 39233

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010
Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. G EDWARD CARNEY
AMA ANALYTICAL SERVICES INC
4475 FORBES BLVD
LANHAM, MD 20706

NY Lab Id No: 10920
EPA Lab Code: MD00084

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Metals I

Lead, Total EPA 7420

Miscellaneous

Asbestos in Friable Material EPA 600/M4/82/020
Asbestos in Non-Friable Material-TEM ITEM 198.4 OF MANUAL
Lead in Dust Wipes EPA 7420
Lead in Paint EPA 7420

Sample Preparation Methods

ASTM E-1979-98
EPA 600/R-93/200

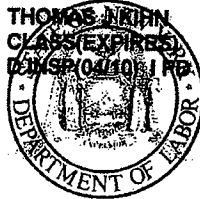
Serial No.: 39144

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**STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE**



**THOMAS N. KUHN
CLASS EXPIRES
04/10/10 1 PM (04/10)**



**CERT# 88-02692
DMV# 916291454**

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



MITCHELL D. SMITH
CLASS EXPIRES
03/10/10 03/10/10
NYS DPW



CERT# 97-15393
DMV# 992171375

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES GRN
HAIR BRO
HGT 5' 08"

IF FOUND RETURN TO:
NYS DOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

Appendix C

Laboratory Analyses Reports

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

1ST FLOOR

Room 116	White Pipe Insulation (Debris)	20	linear feet
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2ND FLOOR

Room 203	TR-1 Grey Transite on Cabinets & Fume Hoods	600	square feet
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Room 214	White Pipe Insulation	4	linear feet
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Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

1ST FLOOR

Room 102	DC-1 Red Duct Caulk neg by PLM	3	linear feet
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Room 109	Grey 12" x 12" Floor Tile & Mastic FT-1 neg by PLM	90	square feet
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*All quantities are approximations.

**Exact quantification of ACM contaminated debris could not be determined due to the extent of vandalism in the building.

TOTAL ASBESTOS CONTAINING MATERIALS and
MATERIALS TO BE TREATED AS ASBESTOS CONTAINING:

BUILDING# 1 – RESEARCH & DEVELOPMENT

Total Asbestos Containing Materials:

Pipe Insulation	24	linear feet
Transite	600	square feet

Total Materials to be Treated as Asbestos Containing:

Duct Caulk	3	linear feet
Floor Tile and Mastic	90	square feet

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Photech Imaging Systems
Building #1 - Research & Development
1000 Driving Park Avenue, Rochester, New York

Job Number: 94777

Sample Date: 04/21/1999

Page Number: 1 of 3

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
MON-1	23963	First Floor Main Entry	Grey Fibrous Spray-On Monokote	None Detected	0%		Cellulose 12% Fiberglass 8%	80%
SPK-1	23964	First Floor Main Entry	White Spackle	None Detected	0%		None Detected	100%
CMM-1	23965	First Floor Main Entry	Beige Cove Molding Mastic	None Detected	0%	*	None Detected TEM Neg	100%
CMF-1	23966	First Floor Main Entry	Beige Carpet Mastic	None Detected	0%	*	None Detected TEM Neg	100%
SCT-1	23967	First Floor Room 107	White/Grey Fibrous Suspended Ceiling Tile	None Detected	0%		Cellulose 55% Mineral Wool 20%	25%
SV-1	23968	First Floor Stairtower	Orange Stair Tread Sheet Vinyl	None Detected	0%	*	None Detected TEM Neg	100%
SVM-1	23969	First Floor Stairtower	Black Stair Tread Sheet Vinyl Mastic from Sample 23968	None Detected	0%	*	Cellulose 8% TEM Neg	92%
SV-2	23970	First Floor Room 102	Grey Fibrous Battleship Sheet Vinyl	None Detected	0%	*	Cellulose 25% Fiberglass 9% TEM Neg	66%
DC-1	23971	First Floor Room 102	Red Duct Caulk	None Detected	0%	*	None Detected	100%
FT-1	23972	First Floor Room 109	Grey 12"x12" Floor Tile	None Detected	0%	*	None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 04/21/1999

Microscope: Olympus BH-2 #232953

Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

M. Doherty

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: Former Photech Imaging Systems
Building #1 - Research & Development
1000 Driving Park Avenue, Rochester, New York
Sample Date: 04/21/1999

Job Number: 94777

Page Number: 2 of 3

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
FTM-1	23973	First Floor Room 109	Yellow Floor Tile Mastic from Sample 23972	None Detected	0%	*	None Detected	100%
FD-1	23974	First Floor Corridor 121	White Fibrous Fire Door Insulation	None Detected	0%		Cellulose 60%	40%
SV-3	23975	First Floor Corridor 121	Red Fibrous Sheet Vinyl	None Detected	0%	*	Cellulose 28% Fiberglass 10% <i>TEM Neg</i>	62%
FOM-1	23976	First Floor Room 117	Tan Foam Mastic	None Detected	0%	*	None Detected <i>TEM Neg</i>	100%
SCT-2	23977	Second Floor Room 204	White/Grey Fibrous Suspended Ceiling Tile	None Detected	0%		Cellulose 50% Mineral Wool 25%	25%
TR-1	23978	Second Floor Room 203	Grey Fibrous Cabinets/Fume Hood	Chrysotile 26%	26%		None Detected	74%
DW-1	23979	Second Floor Room 214	Grey Fibrous Drywall	None Detected	0%		Cellulose 15%	85%
VB-1	23980	Basement Room 003	Black Fibrous Vapor Barrier	None Detected	0%	#	Cellulose 22%	78%
SPK-3	23981	Basement Room 003	White Spackle	None Detected	0%		None Detected	100%
WG-1	23982	Exterior-Window Glaze	White Window Glaze	None Detected	0%		None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

<1.0 % of sample remained after matrix reduction. TEM Analysis is not required or necessary.

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 04/21/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

M. Decker

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Photech Imaging Systems
Building #1 - Research & Development
1000 Driving Park Avenue, Rochester, New York

Job Number: 94777

Sample Date: 04/21/1999

Page Number: 3 of 3

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
WAC-1	23983	Exterior-Wall Caulk	Grey Wall Caulk	None Detected	0%		None Detected	100%
DW-2	23984	Exterior-Siding Underneath Foam	Brown Fibrous Drywall	None Detected	0%		Cellulose 15%	85%
CA-1	23985	Exterior-Underneath Foam	Grey Cement Adhesive	None Detected	0%	*	None Detected TEM Neg	100%
CS-1	23986	Exterior-Siding	Grey Cement Siding	None Detected	0%		None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 04/21/1999

Microscope: Olympus BH-2 #232953

Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

M. Doherty

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #1 - Research & Development
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/21/1999**

Job Number: **94827**

Page Number: **1 of 1**

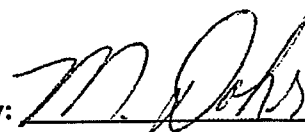
Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PI-1	24331	Room 116	White Fibrous Pipe Insulation	Chrysotile 80%	80%		None Detected	20%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: **04/23/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Steve Lee**

Laboratory Results Approved By:



Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Phototech Imaging Systems
Building #1 - Research & Development
1000 Driving Park Avenue, Rochester, New York

Job Number: 97194

Sample Date: 06/16/1999

Page Number: 1 of 1

[illegible]

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: 06/21/1999
Microscope: Olympus BH-2 #232953
Analyst: Mary Dohr

Laboratory Results Approved By:

File ID: Photech.XLS

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: Former Phototech Imaging Systems
1000 Driving Park Avenue, Rochester, New York
Sample Date: 5/99-6/99

Job No:

Page Number: 1 of 5

				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
CMM-1 B-1	23965	First Floor Main Entry	Beige Cove Molding Mastic	<1.0%	None Detected
CMF-1 B-1	23966	First Floor Main Entry	Beige Carpet Mastic	<1.0%	None Detected
SV-1 B-1	23968	First Floor Stairtower	Orange Stair Tread Sheet Vinyl	<1.0%	None Detected
SVM-1 B-1	23969	First Floor Stairtower	Black Stair Tread Sheet Vinyl Mastic from Sample 23968	<1.0%	None Detected
SV-2 B-1	23970	First Floor Room 102	Grey Fibrous Battleship Sheet Vinyl	<1.0%	None Detected
SV-3 B-1	23975	First Floor Corridor 121	Red Fibrous Sheet Vinyl	<1.0%	None Detected
FOM-1 B-1	23976	First Floor Room 117	Tan Foam Mastic	<1.0%	None Detected
CA-1 B-1	23985	Exterior-Underneath Foam	Grey Cement Adhesive	<1.0%	None Detected
RM-1 B-2	24266	Roof-Field	Black Fibrous Membrane	<1.0%	None Detected
IM-1 B-2	24274	Penthouse Mastic Underneath Insulation	Tan Insulation Mastic	<1.0%	None Detected

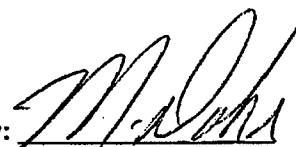
ELAP ID No.: 10984

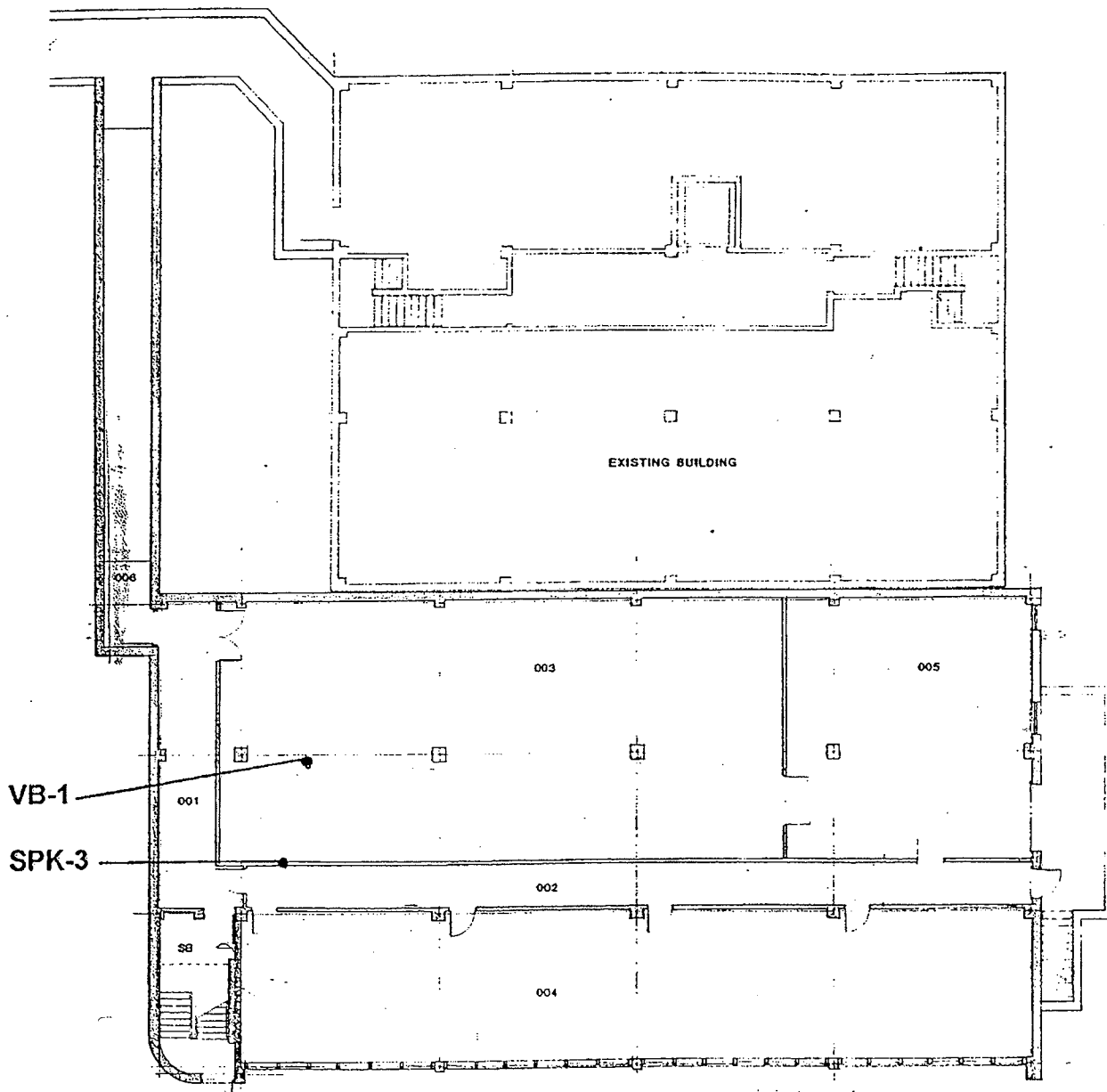
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

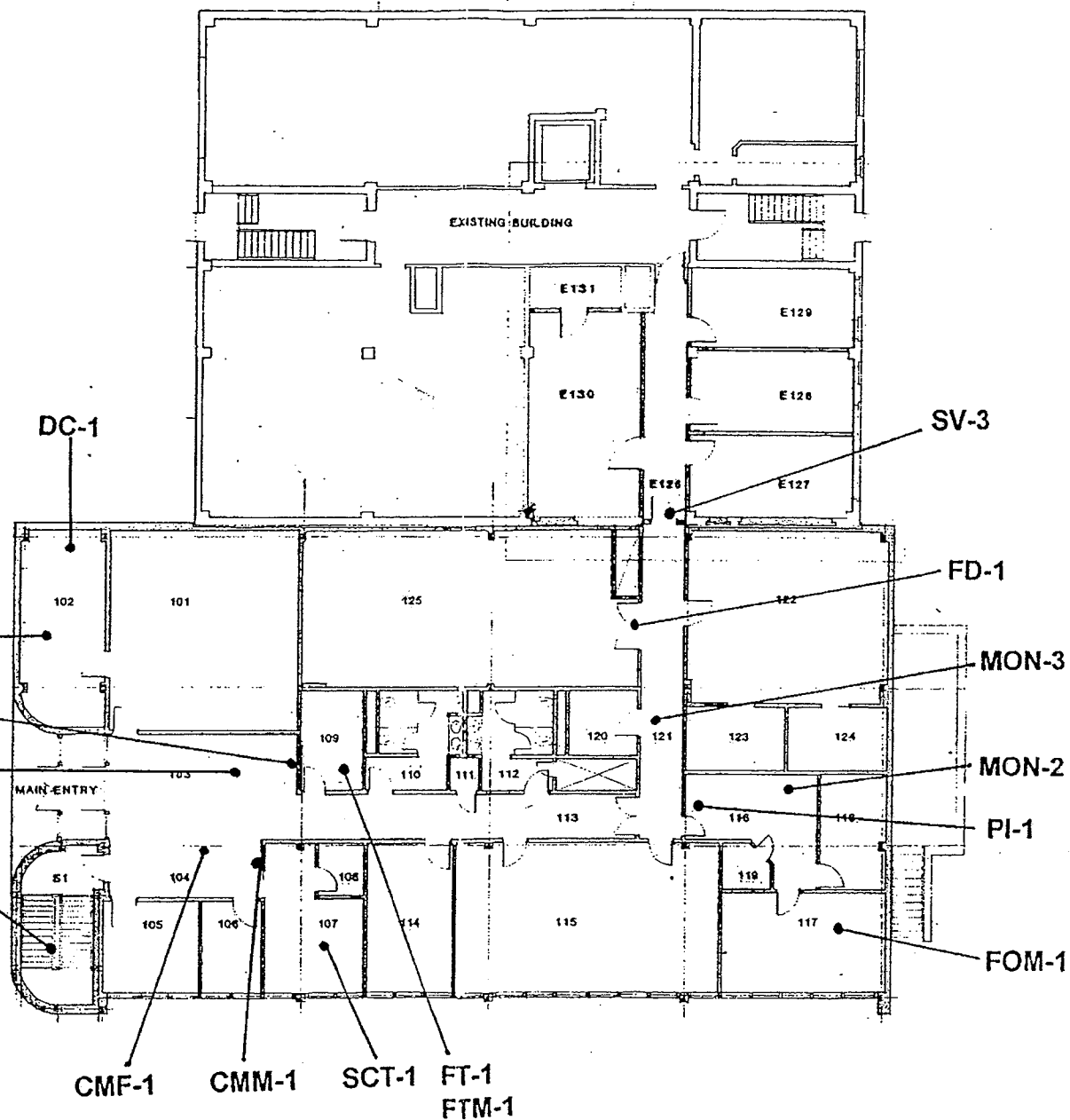
Laboratory Results Approved By:





BASEMENT

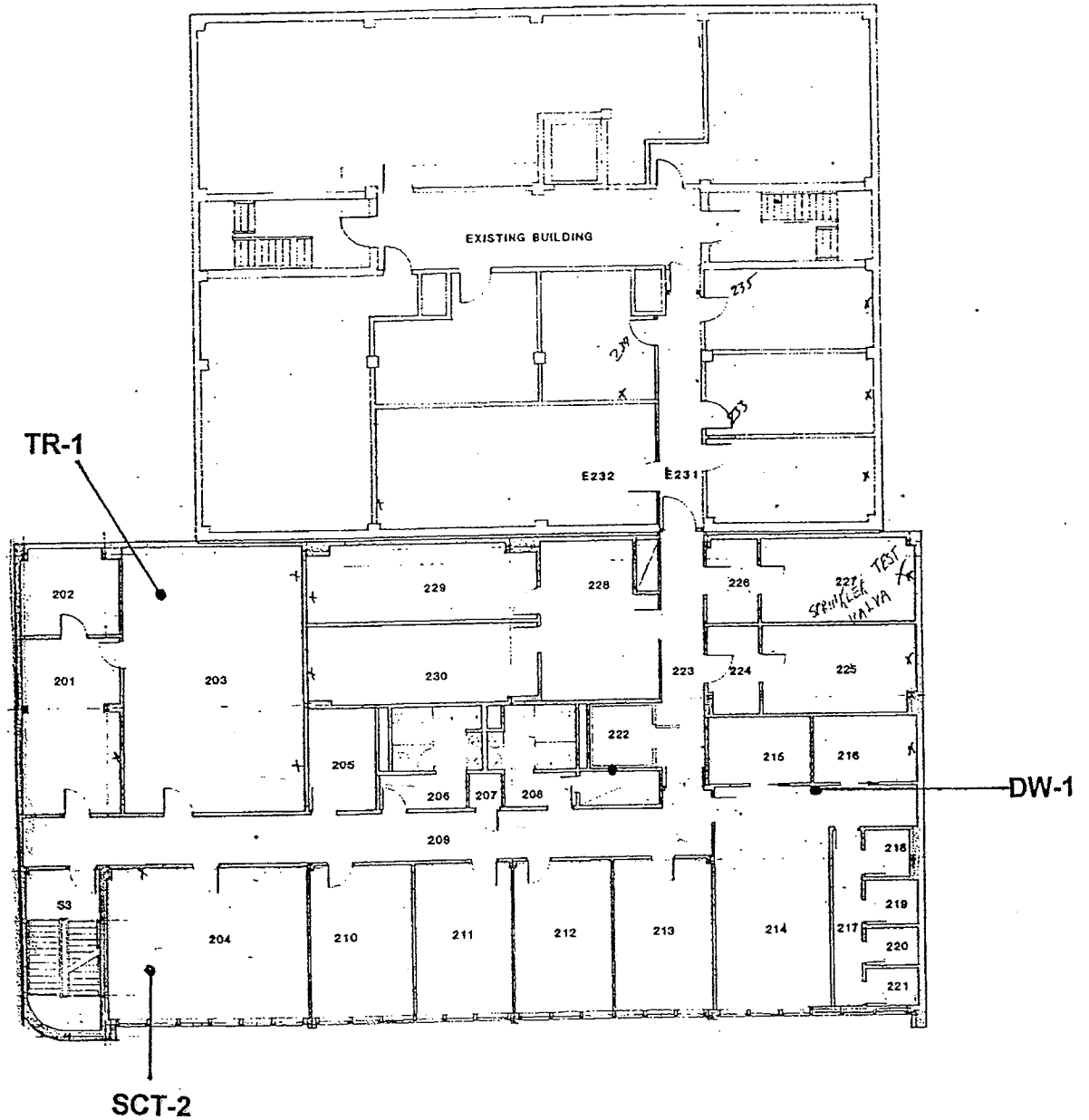
B-1



FIRST FLOOR

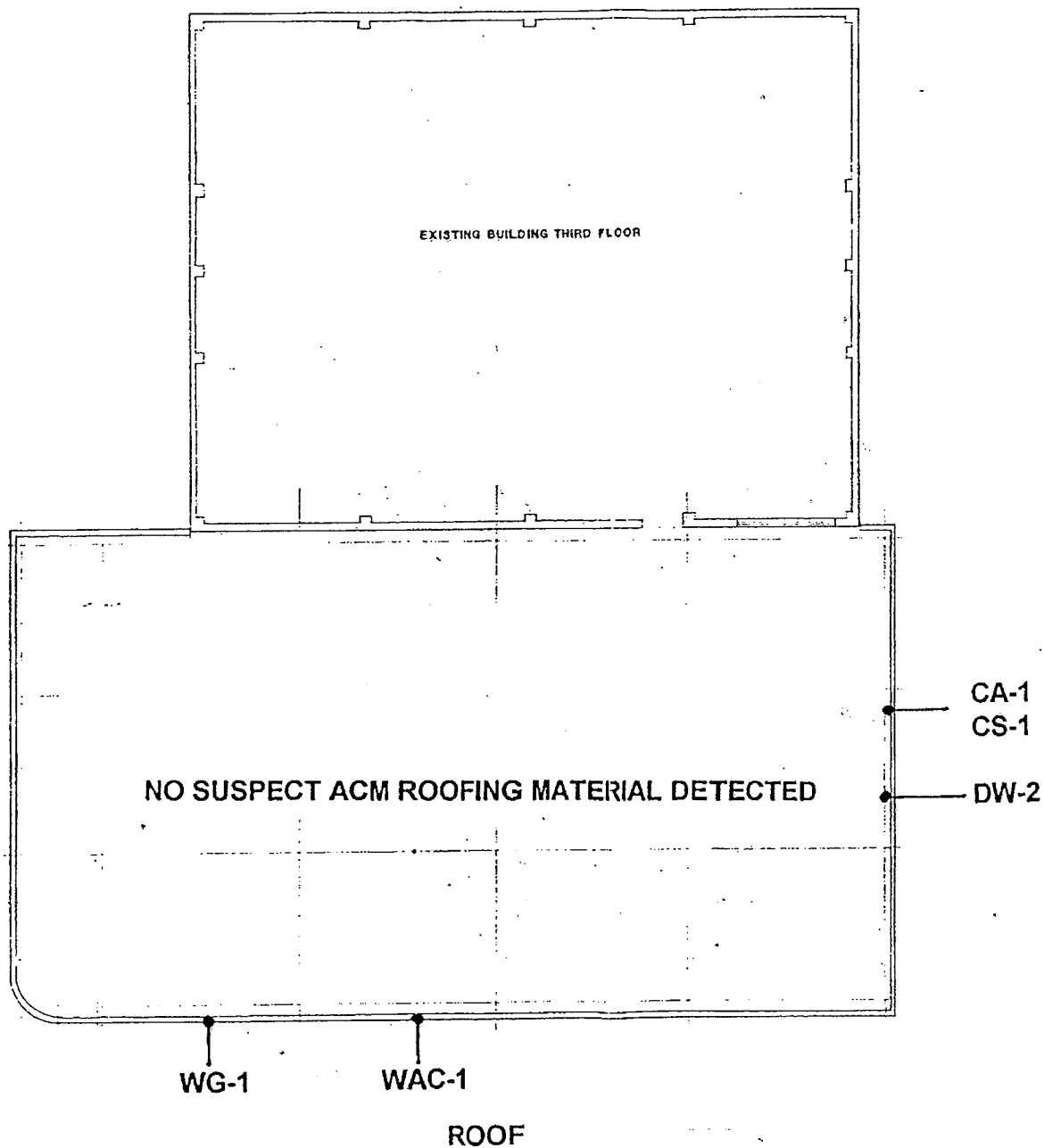
B-1

BROWNFIELD RESTORATION GROUP, LLC
 FORMER PHOTECH IMAGING SYSTEMS, INC.
 1000 DRIVING PARK AVENUE
 ROCHESTER, NEW YORK



SECOND FLOOR

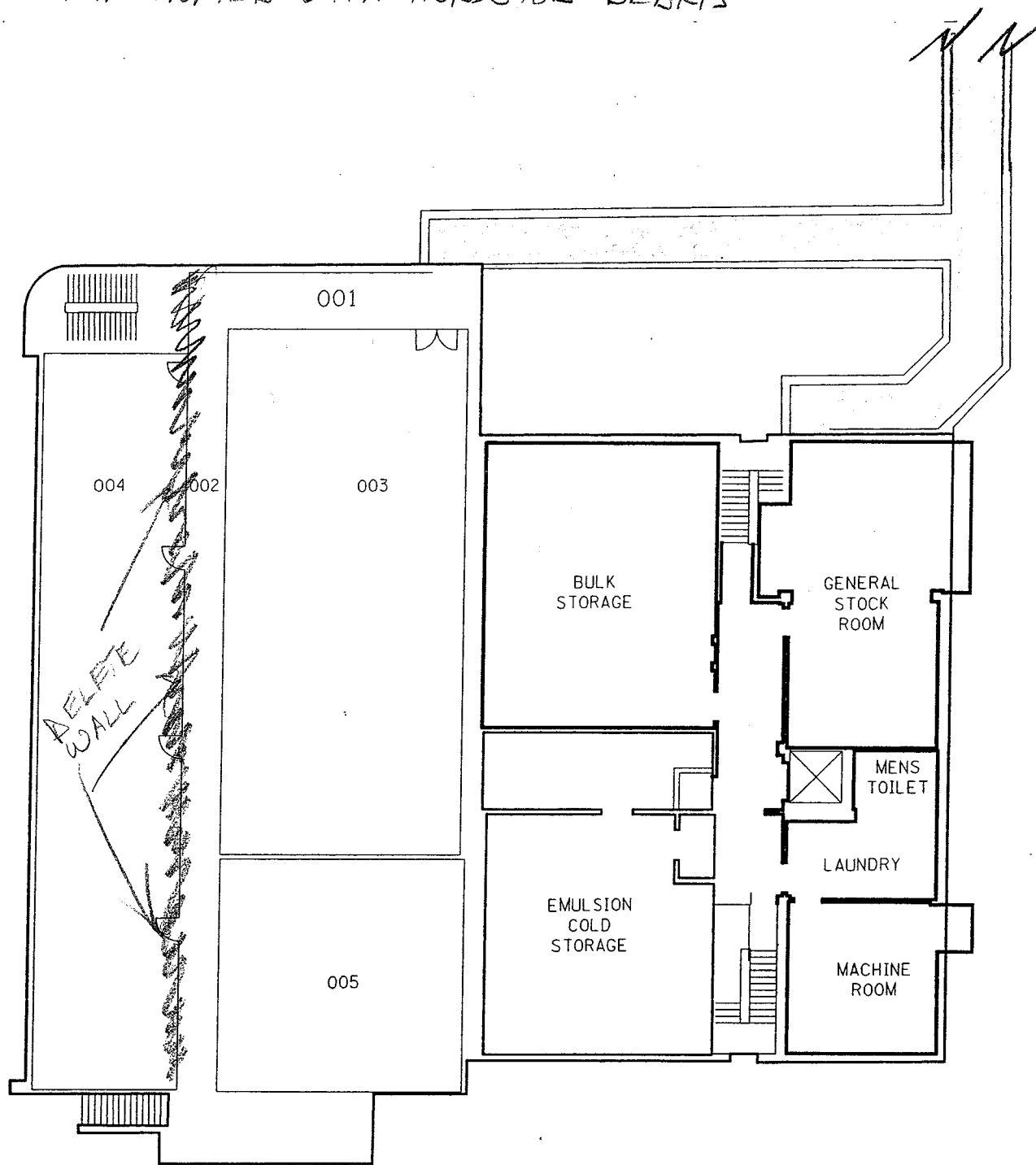
B-1



DEVELOPMENT PLAN
DEVELOPMENT BUILDING #1

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK

APPROXIMATE LOCATIONS OF TUNNELS
CONTAMINATED WITH ASBESTOS DEBRIS



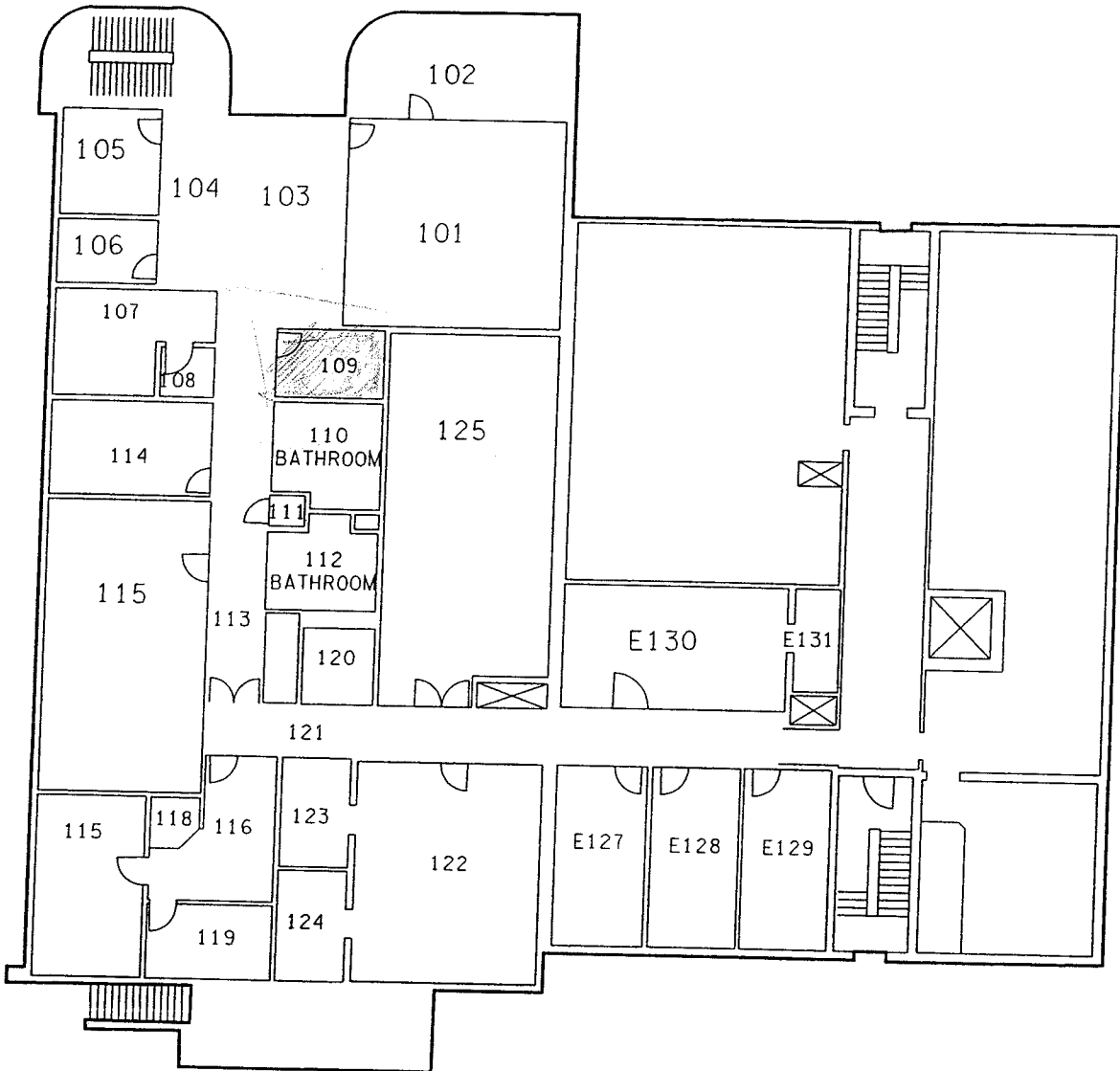
BUILDING #1
R&D
ADDITION
BASEMENT

BUILDING #2
EMULSION
BUILDING
BASEMENT

AA.01

1" = 20'

~~ASBESTOS~~ - CONTAINING GRAY 12"X12"
FLOOR TILE / 4 ASSOCIATED GLUE -
MASTIC



BUILDING #1
R&D
ADDITION
1ST FLOOR

BUILDING #2
EMULSION
BUILDING
1ST FLOOR

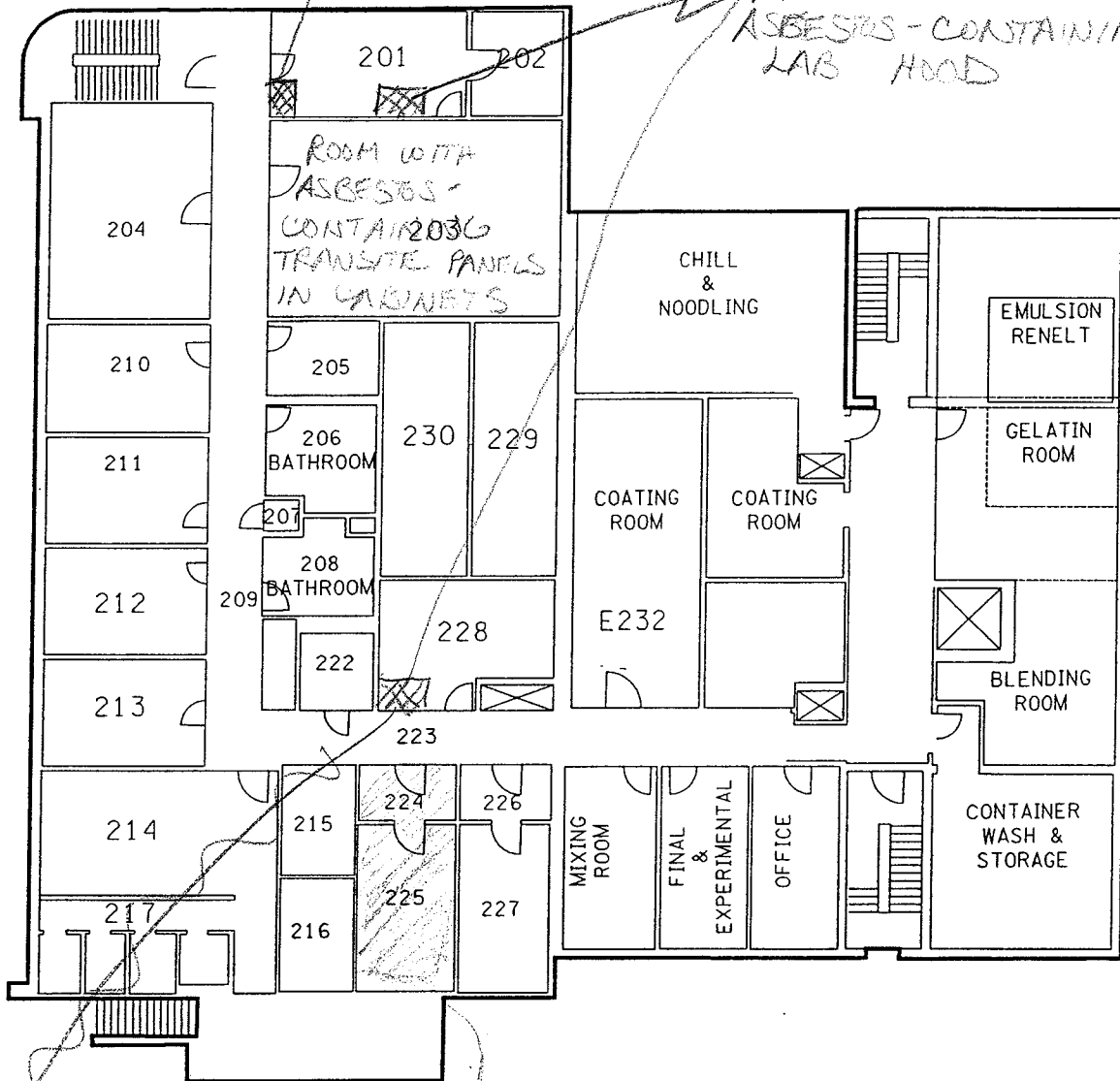
~~NOTES~~: ALL EXTERIOR WINDOW
CAULK ON BUILDING #1 IS
ASBESTOS-CONTAINING

- ALL HVAC DUCT CAULK IN
BUILDING #1 IS ASBESTOS-CONTAINING

AA-02

APPROXIMATE LOCATION
OF ASBESTOS-CONTAINING
TRANSITE PANEL ON FLOOR

APPROXIMATE LOCATION OF
ASBESTOS-CONTAINING
LAB HOOD



APPROX. LOC.
OF ASB-CONT
LAB HOOD

BUILDING #1
R&D
ADDITION
2ND FLOOR

AREA
CONTAMINATED
WITH ASBESTOS
DEBRIS

BUILDING #2
EMULSION
BUILDING
2ND FLOOR

SAME NOTES AS
FROM 1ST FLOOR
PLAN

AA.03

506

**ASBESTOS SAMPLING SURVEY
BULK SAMPLE LOG
AND CHAIN OF CUSTODY**

Location: PHOTECM - Bldg #1 Client: CITY OF ROCHESTER
 Job No.: 209288 / 2 Rates: 20/20/50
 PIN/ BIN: — Sampled by: Mitch Smith
 Date: 9/10/09 Relinquished by: Mitch Smith
 LaBella Lab No.: 50609 Received by: Matt Smith
 Positive Stop Protocol: Yes ☐ No ☐ Number of Samples:

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
1 BLDG1-1A	INSIDE OF FIRE DOOR LEADING TO ROOM 101	WHITE FIRE DOOR INSULATION		
2 -1B	" " " " " " 116	" " " "		
3 -2A	EXT SOUTH WALL BETWEEN WINDOW FRAME + EXT WALL	GRAY/BROWN CAULK		
4 -2B	" " " " " "	" " " "		
5 -3A	BSMT BLDG 1	CONVEYOR		
6 -3B	NEAR EXIT DOOR	BELT		
7 -4A	BSMT TUNNEL	MISC. DEBRIS		
8 -4B	ON FLOOR			
9 -5A	ROOM 203 ON TOP OF METAL CABINET	" " DEBRIS (FIREPROOFING)		
10 -6A	FLOOR IN 2ND FLOOR MENS RM	GREY CERAMIC TILE GROUT		
11 -6B	" " " " " " LADIES RM	" " " "		
12 -7A	FLOOR IN RM 225	WHITE DEBRIS		

539

LBL JOB # 53909

TEM ELAP # 10920

CLIENT: Labella Associates, PC

ADDRESS: 300 State Street

Rochester, NY 14614

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/18/2009

PROJECT LOCATION: Photech - Building #1

PLM Method EPA 600/M4/82/020

Lab Supervisor:

- Date:

- None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - BLDG #1

Client: LBA

Job No.: 209288.03 / PHASE I

Rates: SAME AS LBL 50609

PIN/ BIN:_____

Sampled by: Tom Kihn ✓

Date: 9/18/09

Relinquished by: Tom Kihn ✓

LaBella Lab No.: 53909

Received by: Matt Smith

Number of Samples: _____

[illegible]

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
Location: Former Photech Imaging Systems
 Building 1, Exterior
Sample Date: 6/10/2008

Job No: 6609-08
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
CEM-001	38504	Siding on West Side	Gray Cement	None Detected	0%		Not Required	N/A	Fiberglass 5%	95%
CEM-002	38505	Adhesive on West Side	Gray Cement	None Detected	0%		Not Required	N/A	None Detected	100%
DWL-003	38506	West Side Under Cement Siding	Brown Drywall	None Detected	0%		Not Required	N/A	Cellulose 2%	98%
EXJ-004	38507	West Side	Brown Expansion Joint	None Detected	0%		Not Required	N/A	None Detected	100%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

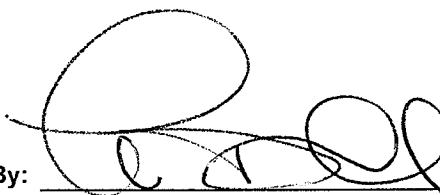
✓ **NOB (non-friable organically bound) Classified for Analytical Purposes Only.**

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 6/16/2008
Microscope: Olympus BH-2 #234206
PLM Analyst: B. Weinman

TEM Date Analyzed: N/A
TEM Analyst: N/A

Laboratory Results Approved By:
Asbestos Technical Director



Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585-454.1060 * Fax 585-454.1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: City of Rochester		Contact: Joseph Biondillo	
Phone Number: 428-6649		Fax Number:	
Client Mailing Address: 30 Church Street		Turn Around Time: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
Date Sampled: 6/10/08		Material Type/Quantity: Friable <input checked="" type="checkbox"/> NOB <input checked="" type="checkbox"/> TEM <input checked="" type="checkbox"/>	
City Hall Room 300-B		Project Number: 08/0486	
Rochester, NY 14614		Job #: 16009-08 Page 2 of 2 Date Logged In: 6/11/08 Logged In By: JS	
Results To: Ted Knapp			
Project Location: Former Phototech Imaging Systems			

General Location: Building 1, Exterior

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	CEM-001	38504 Siding on westside		Gray		CEM	Non-Friable
2	CEM-002	505 Adhesive on westside	white styrofoam	Gray		CEM	Non-Friable
3	DWL-003	506 Westside, under cement siding		Brown		DWL	Friable
4	EXJ-004	507 Westside		Brown		EXJ	Non-Friable
5							
6							
7							
8							
9							
10							

Sampled By: Ted Knapp	Date: 6/10/08	CHECK ONE: SURVEY <input checked="" type="checkbox"/> BULKS ONLY <input type="checkbox"/>
Transported to Paradigm By: Ted Knapp	Date: 6/10/08	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name: Paul Mahoney
Received By: <i>Paul Mahoney</i>	Date: 6/11/08	TOTAL NUMBER OF SAMPLES IN SURVEY: <input type="text"/>

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

702

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: Phototech

Client: C. of Rochester

Job No.: 209 288.03

Rates: _____

PIN/ BIN: _____

Sampled by: _____

Date: _____

Relinquished by: S. Davis

LaBella Lab No.: 70209

Received by: Matt Smith

Positive Stop Protocol: Yes ☐ No ☐

Number of Samples: 3

[illegible]

BUILDING #10 – KATHABAR

Materials Sampled

Brown Expansion Joint
White Mudded Joint Packing
Black Roof Membrane
Black Roof Flashing

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

GROUND LEVEL

Kathabar	White Pipe Insulation	50	linear feet
----------	-----------------------	----	-------------

ROOF

Roof	Black Roof Flashing	100	square feet
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Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

EXTERIOR

Exterior	Brown Expansion Joint	100	linear feet
----------	-----------------------	-----	-------------

Neg Paradigm 6673-08

*All quantities are approximations.

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311.

Client: **Brownfield Restoration Group, LLC**

Location: Former Phototech Imaging Systems
Building #10 - Kathabar
1000 Driving Park Avenue, Rochester, New York

Job Number: 95006

Sample Date: 04/27/1999

Page Number: 1 of 1

[illegible]

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: 04/27/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS

Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Phototech Imaging Systems
Building #10 - Kathabar
1000 Driving Park Avenue, Rochester, New York

Job Number: 94953

Sample Date: 04/21/1999

Page Number: 1 of 1

[illegible]

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

***Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.**

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 04/26/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Page Number: 1 of 1

ELAP ID No.: 10958

Laboratory Results Approved By:

File ID: Photech.XLS

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 3 of 5

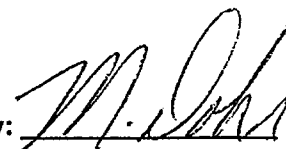
				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
TAR-1 B-7	25238	Mezzanine - Coating Alley Behind Plaster	Black/Silver Fibrous Tar Paper	<1.0%	None Detected
RM-1 B-9	25192	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
TKIM-A.1 B-9	25193	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 1)	<1.0%	None Detected
TKIM-A.2 B-9	25194	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 2)	<1.0%	None Detected
RM-1 B-10	24189	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
CTM-1 B-11	26327	Basement Men's Shower	Black Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-11	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	<1.0%	None Detected
FTM-1 B-11	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	<1.0%	None Detected
CMM-1 B-11	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	<1.0%	None Detected
RM-1 B-12	25576	Roof Field Roof 1	Black Fibrous Roof Felts	<1.0%	None Detected

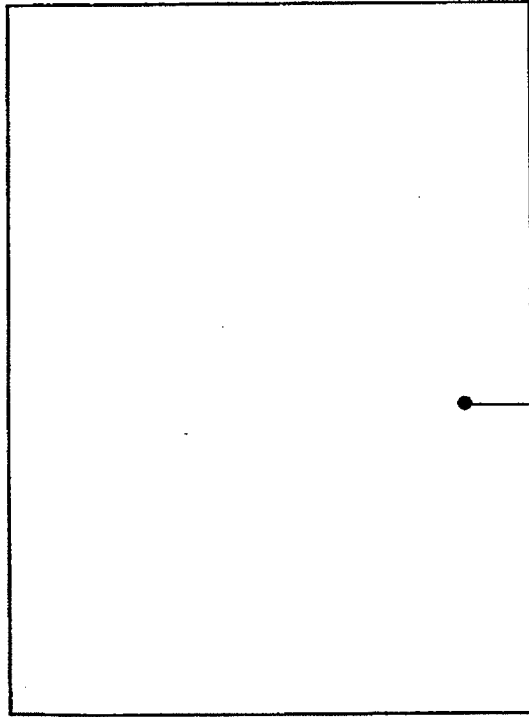
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

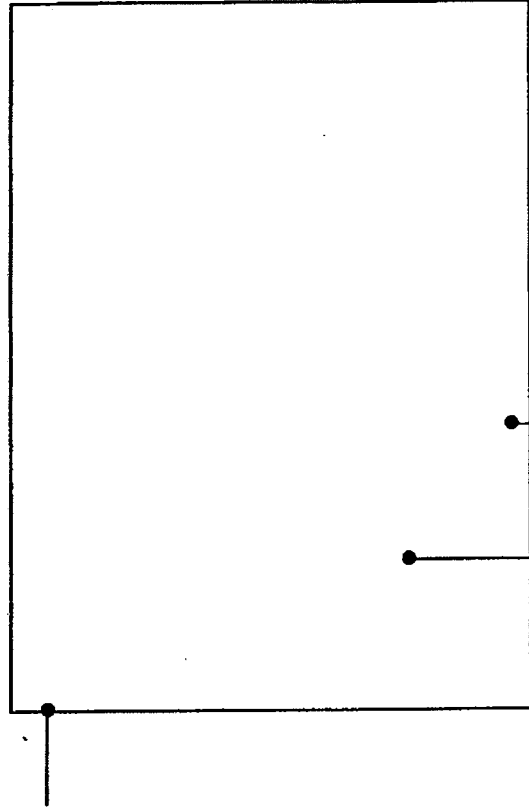
Laboratory Results Approved By:





MJP-1

GROUND LEVEL



EJ-1

RM-1

RF-1

ROOF

ASBESTOS SAMPLING PLAN
KATHABAR BUILDING # 10

PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1999

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK

BUILDING# 9 - KATHABAR

Total Asbestos Containing Materials:

Roof Flashing	100	square feet
---------------	-----	-------------

BUILDING# 10 - KATHABAR

Total Asbestos Containing Materials:

Pipe Insulation	50	linear feet
Roof Flashing	100	square feet

Total Materials to be *Treated* as Asbestos Containing:

Expansion Joint	100	linear feet
-----------------	-----	-------------

179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

ENVOY

environmental consultants, inc.

15 Lake Avenue, Rochester, NY 14608
585-454.1060 * Fax 585-454.1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: <u>City of Rochester</u>		Contact: <u>Joseph Buondolillo</u>	
Phone Number: <u>585-454.1060</u>		Fax Number: <u>585-454.1062</u>	
Results To: <u>Ted Knapp</u>		Turn Around Time: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
Date Sampled: <u>6/11/08</u>		Material Type/Quantity: <u>TEM</u>	
Project Location: <u>Former Phototech Imaging</u>		Project Number: <u>0810486</u>	

Client ID	Lab ID	General Location: Bldg 10, Exterior	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 WAC-001	38902	Northwest Corner			BRN		WAC	N
2 WAC-001A	9031	"			BRN		WAC	N
3								
4								
5								
6								
7								
8								
9								
10								

Sampled By: <u>C. Enright/G. Mance</u>	Date: <u>6/11/08</u>	CHECK ONE: SURVEY <input checked="" type="checkbox"/> BULKS ONLY <input type="checkbox"/>
Transported to Paradigm By: <u>C. Enright</u>	Date: <u>6/11/08</u>	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS <input checked="" type="checkbox"/>
Received By: <u>ECN</u>	Date: <u>6/12/08</u>	TOTAL NUMBER OF SAMPLES IN SURVEY: <u>33</u>

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

BUILDING #11 – CHEMICAL LAB

Materials Sampled

White Pipe Insulation
Black Ceramic Tile Mastic
Grey Duct Cloth Expansion Cloth
Grey Window Glaze
Red Duct Caulk
White Tank Covering
Orange Sheet Vinyl
Tan Sheet Vinyl Mastic
Grey 12" x 12" Floor Tile
Tan Floor Tile Mastic
Brown Cove Molding Mastic
Brown 12" x 12" Floor Tile
Black Floor Tile Mastic
White Fire Door Insulation
Grey Transite Cabinet Liner
Black Roof Felts

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

BASEMENT

Throughout	White Pipe Insulation	800	linear feet
Basement	Grey Window Glaze	200	square feet
Debris on Floor	White Pipe Insulation	2,000	linear feet
Room B-4	Grey Expansion Cloth	4	square feet

1ST FLOOR

Throughout	White Fire Door Insulation	420	square feet
1st Floor	White Pipe Insulation	160	linear feet
Office B103	Brown 12" x 12" Floor Tile & Mastic	225	square feet
Labs B108 & 109	Grey Transite (Cabinet liners and hoods and exterior of hoods)	300	square feet

ROOF

Roof	Black Roof Flashing	300	square feet
Roof	Black Roof Membrane	4,200	square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

BASEMENT

Room B-4	Red Duct Caulk	10	linear feet
Stairway	Orange Sheet Vinyl & Mastic	130	square feet

*All quantities are approximations.

BUILDING# 11 – CHEMICAL LAB

Total Asbestos Containing Materials:

Pipe Insulation	2,960	linear feet
Transite	300	square feet
Window Glaze	200	square feet
Fire Door Insulation	420	square feet
Floor Tile and Mastic	225	square feet
Roof Flashing	300	square feet
Roof Membrane	4,200	square feet

Total Materials to be *Treated* as Asbestos Containing:

Duct Caulk	10	linear feet
Sheet Vinyl & Mastic	130	square feet

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Phototech Imaging Systems
Building #11 - Chemical Lab
1000 Driving Park Avenue, Rochester, New York

Job Number: 95125

Sample Date: 04/30/1999

Page Number: 1 of 2

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PI-1	26326	Basement Maintenance Shop	White Fibrous Pipe Insulation	Chrysotile 25% Amosite 30%	55%		None Detected	45%
CTM-1	26327	Basement Men's Shower	Black Ceramic Tile Mastic	None Detected	0%	*	None Detected TEM Neg	100%
EC-1	26328	Basement Room B-4	Grey Fibrous Duct Expansion Cloth	Chrysotile 20%	20%		Cellulose 45%	35%
WG-1	26329	Basement Room B-4	Grey Window Glaze	Chrysotile 2%	2%		None Detected	98%
DC-1	26330	Basement Room B-4	Red Duct Caulk	None Detected	0%	*	None Detected	100%
TKI-1	26331	Basement Room B-2	White Fibrous Tank Covering	None Detected	0%		Cellulose 45% Mineral Wool 30%	25%
TKI-2	26332	Basement Room B-2	White Fibrous Tank Covering	None Detected	0%		Cellulose 35% Fiberglass 15% Wollastonite 10%	40%
SV-1	26333	Basement Stairway	Orange Sheet Vinyl	None Detected	0%	*	None Detected	100%
SVM-1	26334	Basement Stairway	Tan Fibrous Sheet Vinyl Mastic from Sample 26333	None Detected	0%	*	Wollastonite 25%	75%
FT-1	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	None Detected	0%	*	None Detected TEM Neg	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 05/06/1999

Microscope: Olympus BH-2 #232953

Analyst: Steve Lee

Laboratory Results Approved By: 

File ID: Phototech.XLS

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Phototech Imaging Systems
Building #11 - Chemical Lab
1000 Driving Park Avenue, Rochester, New York

Job Number: 95125

Sample Date: 04/30/1999

Page Number: 2 of 2

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
FTM-1	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	None Detected	0%	*	None Detected TEM Neg	100%
CMM-1	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	None Detected	0%	*	None Detected TEM Neg	100%
FT-2	26338	1st Floor Office B103	Brown 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-2	26339	1st Floor Office B103	Black Floor Tile Mastic from Sample 26338	Chrysotile 15%	15%		None Detected	85%
FD-1	26340	1st Floor Office B103	White Fibrous Fire Door Insulation	Chrysotile 15% Amosite 8%	23%		Cellulose 10% Mineral Wool 20%	47%
TR-1	26341	1st Floor Analytical Lab B108	Grey Fibrous Transite Cabinet Liner	Chrysotile 25%	25%		None Detected	75%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

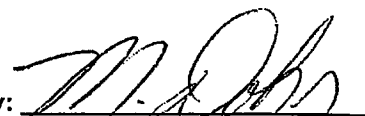
Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 05/06/1999

Microscope: Olympus BH-2 #232953

Analyst: Steve Lee

Laboratory Results Approved By:



PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Phototech Imaging Systems
Building #11 - Chemical Lab
1000 Driving Park Avenue, Rochester, New York

Job Number: 95007

Sample Date: 04/27/1999

Page Number: 1 of 1

[illegible]

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: 04/27/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
Location: Former Phototech Imaging Systems
Building 11
Sample Date: 6/10/2008

Job No: 6606-08
Page: 1 of 2

Exterior

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
CLK-001	38495	Off Limestone Debris on Ground	White Fibrous Caulk	Chrysotile 14%	14%		Not Required	N/A	None Detected	86%
CLK-002	38496	Westside Around Door	Gray Caulk	Chrysotile 3%	3%	✓	Not Required	N/A	None Detected	97%
WAC-003	38497	Westside on Block Wall	White Wall Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
TRN-004	38498	Westside Covering Windows	Gray Fibrous Transite	None Detected	0%		Not Required	N/A	Cellulose 15% Wollastonite 20%	65%
WIG-005	38499	Westside	Gray Window Glaze	Chrysotile 4%	4%		Not Required	N/A	None Detected	96%
FDI-006	38500	Eastside	Brown Fibrous Paper	None Detected	0%		Not Required	N/A	Cellulose 90%	10%

NVLAP

Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.")

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/13/2008

TEM Date Analyzed: 6/16/2008

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Childs

PLM Analyst: F. Childs

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608
585-454.1060 * Fax 585-454.1062

OFFICE USE ONLY

Client: City of Rochester	Contact: Joseph Biondolillo
----------------------------------	------------------------------------

Phone Number: 428-6649

Client Mailing Address:

34 Church Street

Results To: Ted Knapp

Date Sampled: 6/10/08

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

Project Location: Former Phototech Imaging Systems

General Location: Building 11

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
CLK-001	38495	Off limestone debris on ground		White		CLK	Non-Friable
CLK-002	496	Westside around door		Gray		CLK	Non-Friable
WAC-003	497	Westside on block wall		White		WAC	Non-Friable
TRN-004	498	Westside covering windows	* c/c/c/c	Gray		TRN	Non-Friable
WIG-005	499	Westside		Gray		WIG	Non-Friable
FDI-006	500	Eastside		Brown		FDI	Non-Friable

Sampled By: Ted Knapp

Date: 6/10/08

Transported to Paradigm Bv: Ted Knapp

Date: 6/10/08

Received By: Julie Dawson

Date: 6/11/08

CHECK ONE:	SURVEY	BULK ONLY
	X	

BULK ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name: Paul Mahoney

TOTAL NUMBER OF SAMPLES IN SURVEY:	
1	2

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger: May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

* per Ted Knapp 6/11/08 fsc

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 3 of 5

				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
TAR-1 B-7	25238	Mezzanine - Coating Alley Behind Plaster	Black/Silver Fibrous Tar Paper	<1.0%	None Detected
RM-1 B-9	25192	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
TKIM-A.1 B-9	25193	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 1)	<1.0%	None Detected
TKIM-A.2 B-9	25194	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 2)	<1.0%	None Detected
RM-1 B-10	24189	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
CTM-1 B-11	26327	Basement Men's Shower	Black Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-11	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	<1.0%	None Detected
FTM-1 B-11	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	<1.0%	None Detected
CMM-1 B-11	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	<1.0%	None Detected
RM-1 B-12	25576	Roof Field Roof 1	Black Fibrous Roof Felts	<1.0%	None Detected

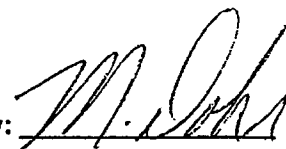
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

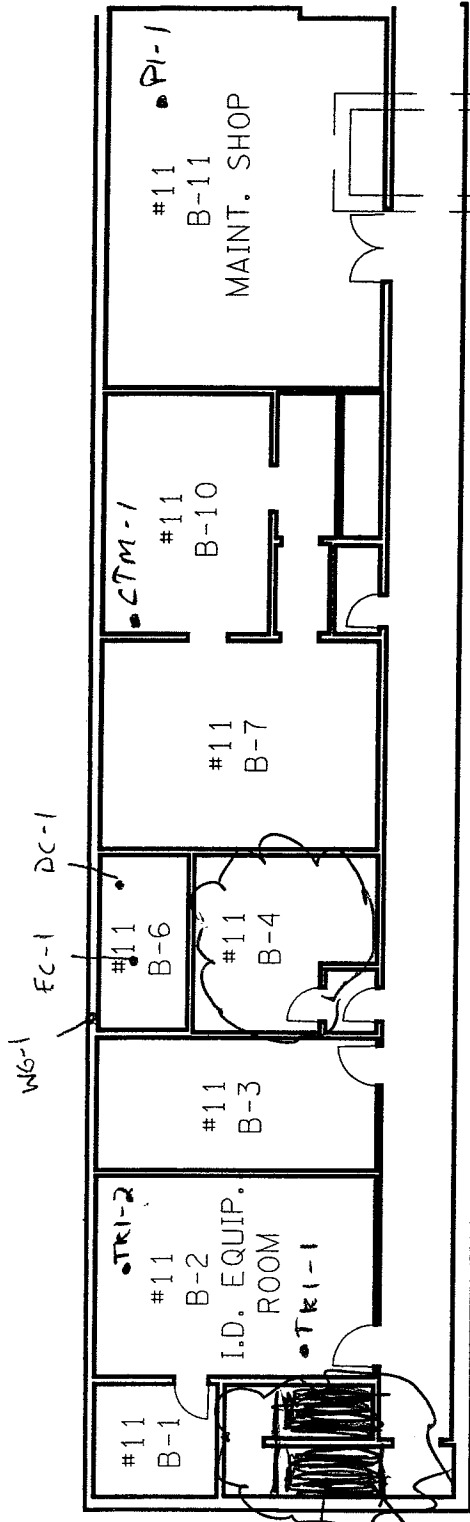
TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:



BUILDING #11 CHEM. LAB. BASEMENT

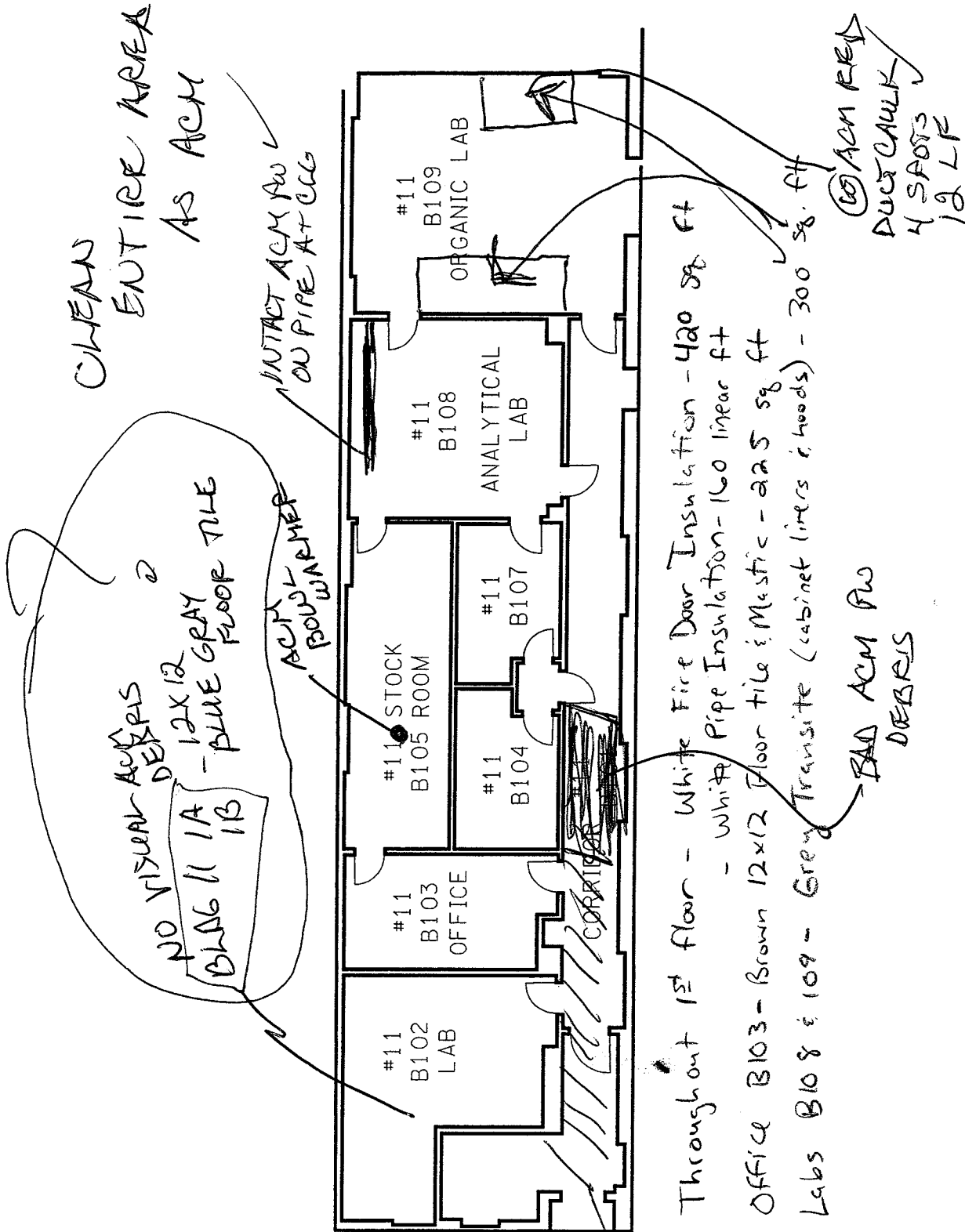


Throughout Basement - white Pipe Insulation - 800 linear ft
 - Grey Window Glaze - 200 sq. ft.
 Debris on Floor - white Pipe Insulation - 2,000 linear ft.
 Room B-4 - Grey Expansion Cloth - 4 sq. ft.
 - Red Duct Caulk
 Stairway - Orange sheet Vinyl & Mastic 130 sq. ft.

THIS ENTIRE AREA HAS BOTH INTACT & DISLODGED
 ACM P.W. - ALL AREAS OF P.W. ARE NOT SHOWN
 ALL ROOMS & HALL CONT @ ACM DEBRIS

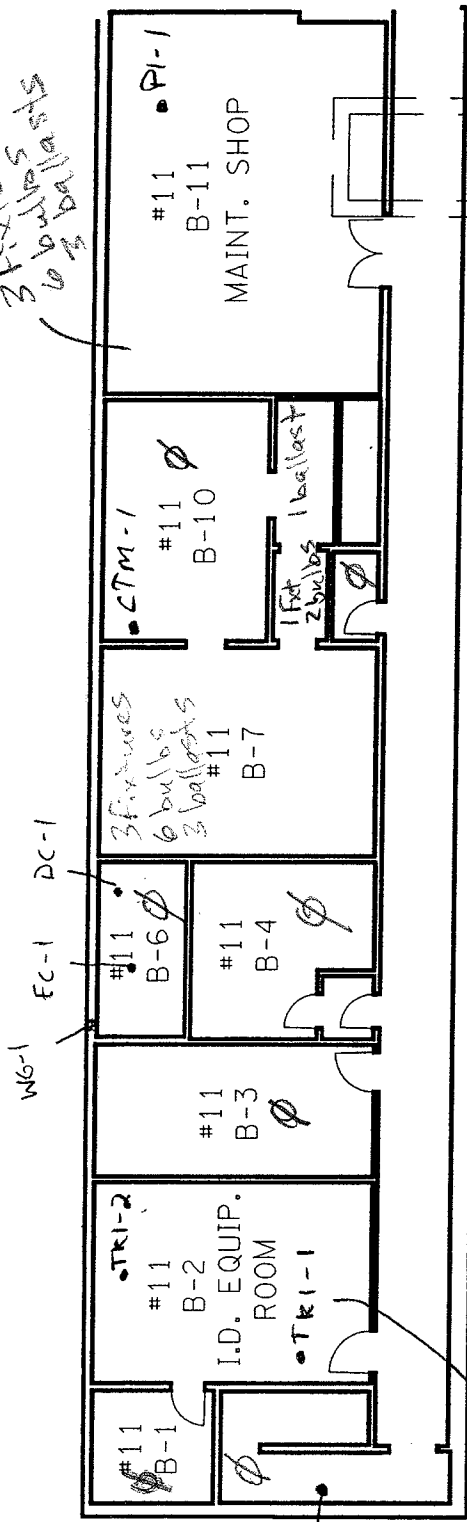
MARK
JOHNSON 259-2470
764-4782

BUILDING #11 CHEM. LAB. 1ST FLOOR



N.T.S. *

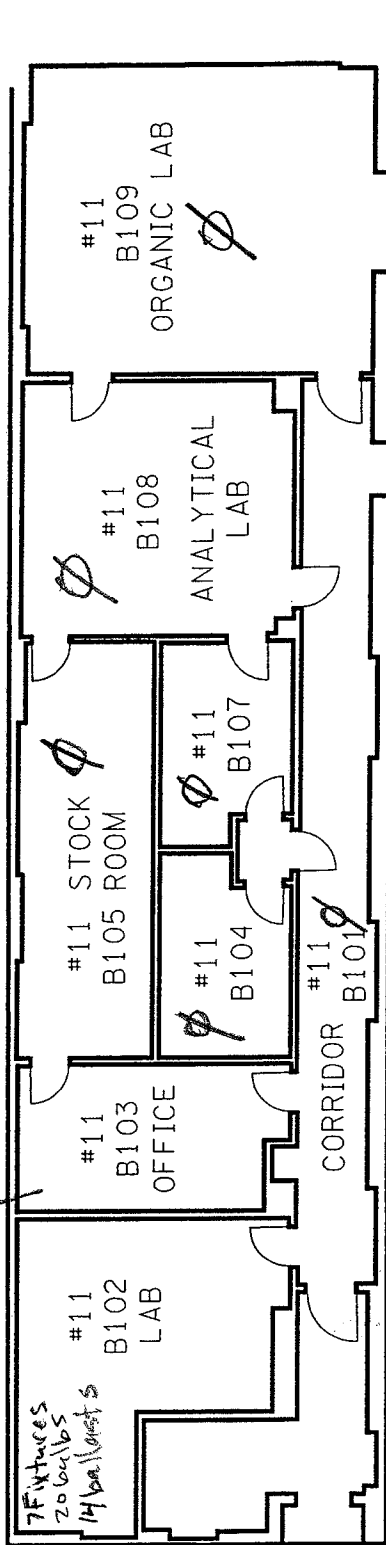
BUILDING #11 CHEM. LAB. BASEMENT



Throughout Basement - White Pipe Insulation - 800 linear ft.
 - Grey Window Glaze - 200 sq. ft.
 Debris on Floor - White Pipe Insulation - 2,000 linear ft.
 Room B-4 - Grey Expansion Cloth - 4 sq. ft.
 - Red Duct Caulk
 Stairway - Orange sheet Vinyl & Mastic 130 sq. ft.

B-2 - 3 Fixtures, 6 ballasts, 3 ballasts

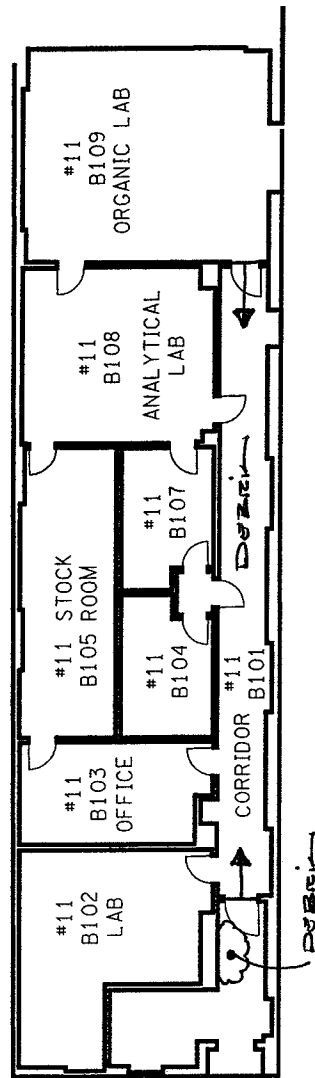
7 Fixtures
20 bulbs
14 wall outlets
3 Fountains
2 Fountains
12 Fountains



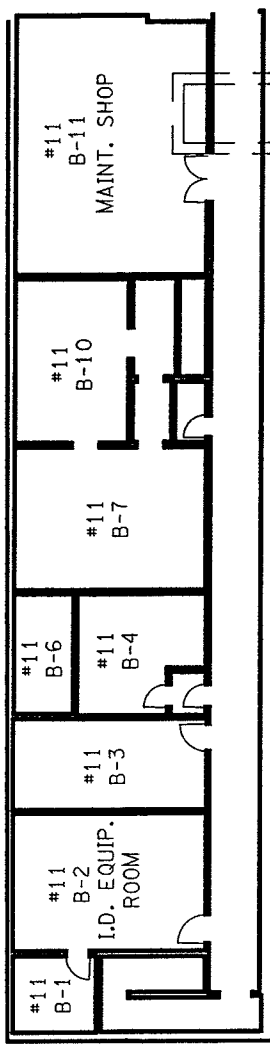
BUILDING #11
CHEM. LAB.
1ST FLOOR

Throughout 1st floor - White Fire Door Insulation - 420 sq. ft
 - White Pipe Insulation - 160 linear ft
 Office B103 - Brown 12x12 Floor tile & Mastic - 225 sq. ft
 Labs B108 & 109 - Grey Transite (cabinet liners & hoods) - 300 sq. ft

N.T.S.



BUILDING #11
CHEM. LAB.



BUILDING #11
CHEM. LAB.
BASEMENT

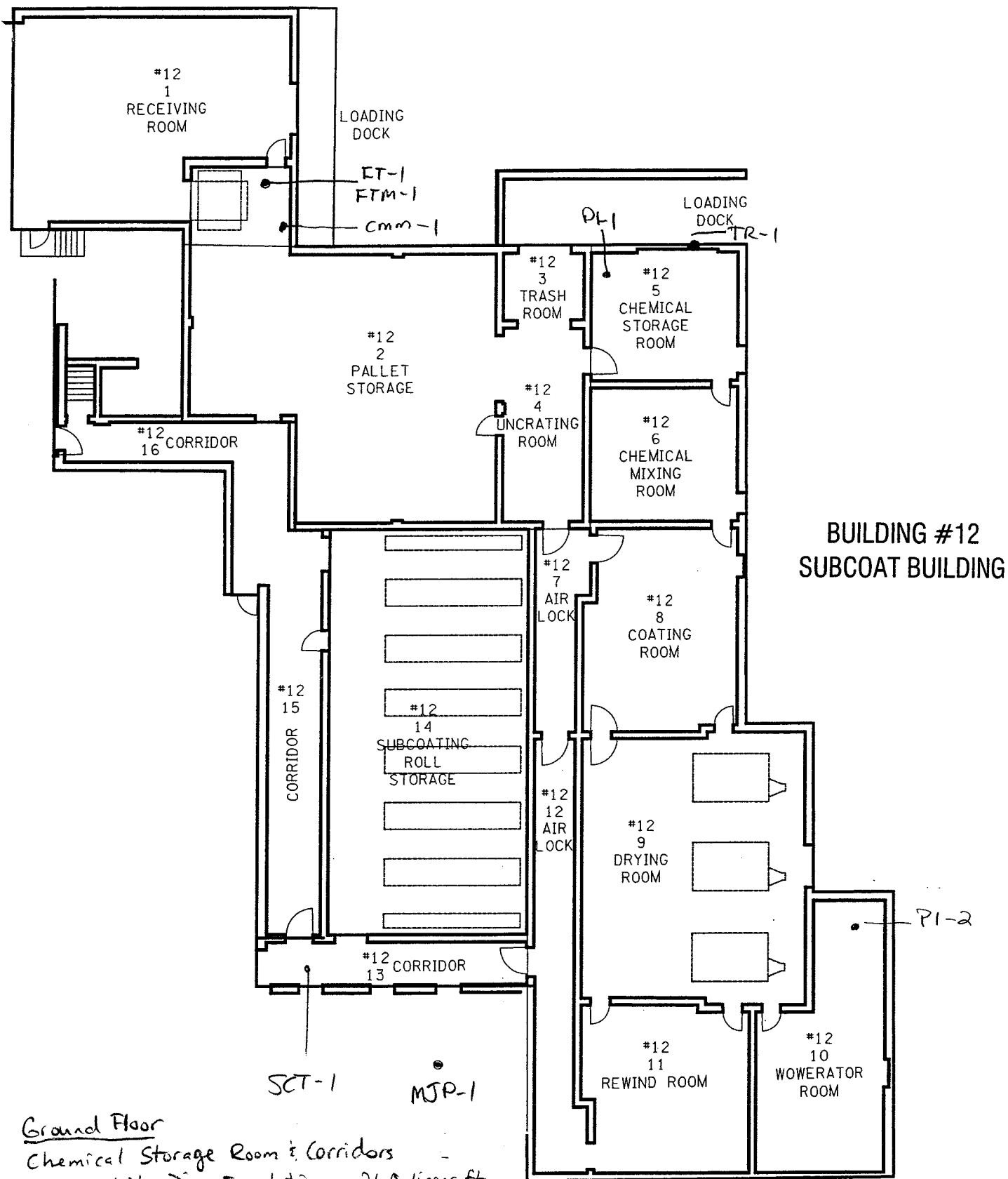
COMBINED
1"=20'

ASBESTOS SAMPLING PLAN
SUBCOATER BUILDING #12
GROUND LEVEL

11-17-08

BROWNFIELD RESTORATION GROUP, LLC

**BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK**



Ground Floor

Chemical Storage Room & Corridors

- White Pipe Insulation - 260 linear ft

Chemical Storage Room

- Grey Transite wall - 150 sq ft

Receiving Room

- Brown 12x12 Floor tile & Mastic - 50 sq. ft

- Brown 12x12 Floor tile & Mastic - 20 linear ft

1" = 20'

BUILDING #12 – SUBCOAT BUILDING

Materials Sampled

Grey 2' x 2' Suspended Ceiling Tile
Grey Mudded Joint Packing
Grey Pipe Insulation
White Pipe Insulation
Grey Transite Wall
Brown 12" x 12" Floor Tile
Black Floor Tile Mastic
Tan Cove Molding Mastic
Black Roof Felts
Black/Silver Roof Felts
Black Roof Flashing
Black Roof Membrane
Black Foam Insulation Mastic
Grey Roof Decking

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

GROUND FLOOR

Chemical Storage Room & Corridors	White Pipe Insulation	260	linear feet
Chemical Storage Room	Grey Transite Wall	150	square feet

ROOF

Roof #2	Black Roof Field Membrane	5,200	square feet
	Black/Silver Roof Flashing	400	square feet
Roof #3	Black Roof Flashing	125	square feet
Roof #4	Black Roof Flashing	150	square feet
Roof #5	Black Roof Flashing	80	square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

GROUND FLOOR

Receiving Room	Brown 12" x 12" Floor Tile & Mastic	50	square feet
Office	Tan Cove Molding Mastic	30	linear feet

Neg by LaBella 50304-3+4

*All quantities are approximations.

BUILDING# 12 – SUBCOAT BUILDING

Total Asbestos Containing Materials:

Pipe Insulation	260	linear feet
Transite Wall	150	square feet
Roof Membrane	5,200	square feet
Roof Flashing	755	square feet

Total Materials to be *Treated* as Asbestos Containing:

Floor Tile and Mastic	50	square feet
Cove Molding Mastic	30	linear feet

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: Former Phototech Imaging Systems
Building #12 - Subcoat Building
1000 Driving Park Avenue, Rochester, New York
Sample Date: 05/20/1999

Job Number: 95926

Page Number: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
RF-3	32201	Roof 3 - Flashing	Black Fibrous Roof Flashing	Chrysotile 18%	18%		Cellulose 30%	52%
RM-3a	32202	Roof 3 - Field	Black Fibrous Roof Membrane (Top Layer)	None Detected	0%	*	Cellulose 28% Mineral Wool 10% <i>TEM Neg</i>	62%
RM-3b	32203	Roof 3 - Field	Black Foam Insulation Mastic (Middle Layer)	None Detected	0%	*	None Detected <i>TEM Neg</i>	100%
RM-3c	32204	Roof 3 - Field	Grey Roof Decking (Bottom Layer)	None Detected	0%		None Detected	100%
RF-4	32205	Roof 4 - Flashing	Black Fibrous Roof Flashing	Chrysotile 18%	18%		Cellulose 20% Fiberglass 10%	52%
RM-4a	32206	Roof 4 - Field	Black Fibrous Roof Membrane (Top Layer)	None Detected	0%	*	Cellulose 28% Mineral Wool 10% <i>TEM Neg</i>	62%
RM-4b	32207	Roof 4 - Field	Black Fibrous Roof Membrane (Bottom Layer)	None Detected	0%	*	Cellulose 8% Mineral Wool 60% <i>TEM Neg</i>	32%
RF-5	32208	Roof 5 - Flashing	Black Fibrous Roof Flashing	Chrysotile 12%	12%		Cellulose 30%	58%
RM-5	32209	Roof 5 - Field	Black Fibrous Roof Membrane	None Detected	0%	*	Cellulose 20% <i>TEM Neg</i>	80%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantifying Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 05/21/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By: 

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #12 - Subcoat Building
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/27/1999**

Job Number: **95018**

Page Number: **1 of 2**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
SCT-1	25568	Corridor	Grey Fibrous 2' x 2' Suspended Ceiling Tile	None Detected	0%		Cellulose 10% Mineral Wool 35%	55%
MJP-1	25569	Roll Film Storage Room	Grey Fibrous Mudded Joint Packing	None Detected	0%		Cellulose 5% Mineral Wool 45%	50%
PI-2	25570	Pump Room	Grey Fibrous Pipe Insulation	None Detected	0%		Mineral Wool 45%	55%
PI-1	25571	Chemical Storage Room	White Fibrous Pipe Insulation	Chrysotile 10% Amosite 15%	25%		None Detected	75%
TR-1	25572	Chemical Storage Room	Grey Fibrous Transite Wall	Chrysotile 20%	20%		None Detected	80%
FT-1	25573	Receiving Room Office	Brown 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-1	25574	Receiving Room Office	Black Floor Tile Mastic from Sample 25573	None Detected	0%	##	Cellulose 5%	95%
CMM-1	25575	Receiving Room Office	Tan Cove Molding Mastic	None Detected	0%	*	Cellulose 6%	94%
RM-1	25576	Roof Field Roof 1	Black Fibrous Roof Felts	None Detected	0% TEM Neg	*	Cellulose 32% Mineral Wool 15% Fiberglass 12%	41%
RF-1a	25577a	Roof Flashing Roof 1	Black/Silver Fibrous Roof Felts (Layer 1)	None Detected	0% TEM Neg	*	Cellulose 42% Mineral Wool 20%	38%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

<1.0 % of sample remained after matrix reduction. TEM Analysis is not required or necessary.

* Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **04/29/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Mary Dohr**

Laboratory Results Approved By: 

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #12 - Subcoat Building
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/27/1999**

Job Number: **95018**

Page Number: **2 of 2**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
RF-1b	25577b	Roof Flashing Roof 1	Black/Silver Fibrous Roof Felts (Layer 2)	None Detected	0%	*	Cellulose 31% Mineral Wool 12% Fiberglass 17%	40%
RM-2a	22578a	Roof Field Roof 2	Black Fibrous Roof Felts (Layer 1)	Chrysotile 23% ?	0% TEM Neg		Cellulose 25%	52%
RM-2b	22578b	Roof Field Roof 2	Black Fibrous Roof Felts (Layer 2)	Chrysotile 39%	39%		Cellulose 23%	38%
RF-2	22579	Roof Flashing Roof 2	Black/Silver Fibrous Roof Felts	Chrysotile 36%	36%		Cellulose 24%	40%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **04/29/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Mary Dohr**

Laboratory Results Approved By: 

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 3 of 5

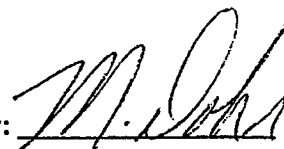
				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
TAR-1 B-7	25238	Mezzanine - Coating Alley Behind Plaster	Black/Silver Fibrous Tar Paper	<1.0%	None Detected
RM-1 B-9	25192	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
TKIM-A.1 B-9	25193	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 1)	<1.0%	None Detected
TKIM-A.2 B-9	25194	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 2)	<1.0%	None Detected
RM-1 B-10	24189	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
CTM-1 B-11	26327	Basement Men's Shower	Black Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-11	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	<1.0%	None Detected
FTM-1 B-11	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	<1.0%	None Detected
CMM-1 B-11	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	<1.0%	None Detected
RM-1 B-12	25576	Roof Field Roof 1	Black Fibrous Roof Felts	<1.0%	None Detected

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:



**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 4 of 5

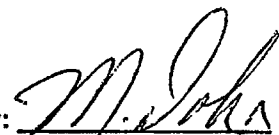
				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
RF-1a B-12	25577a	Roof Flashing Roof 1	Black/Silver Fibrous Roof Felts (Layer 1)	<1.0%	None Detected
RM-2a B-12	22578a	Roof Field Roof 2	Black Fibrous Roof Felts (Layer 1)	<1.0%	None Detected
RM-3a B-12	32202	Roof 3 - Field	Black Fibrous Roof Membrane (Top Layer)	<1.0%	None Detected
RM-3b B-12	32203	Roof 3 - Field	Black Foam Insulation Mastic (Middle Layer)	<1.0%	None Detected
RM-4a B-12	32206	Roof 4 - Field	Black Fibrous Roof Membrane (Top Layer)	<1.0%	None Detected
RM-4b B-12	32207	Roof 4 - Field	Black Fibrous Roof Membrane (Bottom Layer)	<1.0%	None Detected
RM-5 B-12	32209	Roof 5 - Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-1 B-13	25502	Roof Field	Black Fibrous Roof Felts	<1.0%	None Detected
RF-1 B-13	25503	Roof Flashing	Black Fibrous Roof Felts	<1.0%	None Detected
RM-1 B-16	25478	Roof Field	Black Fibrous Roof Felts	<1.0%	None Detected

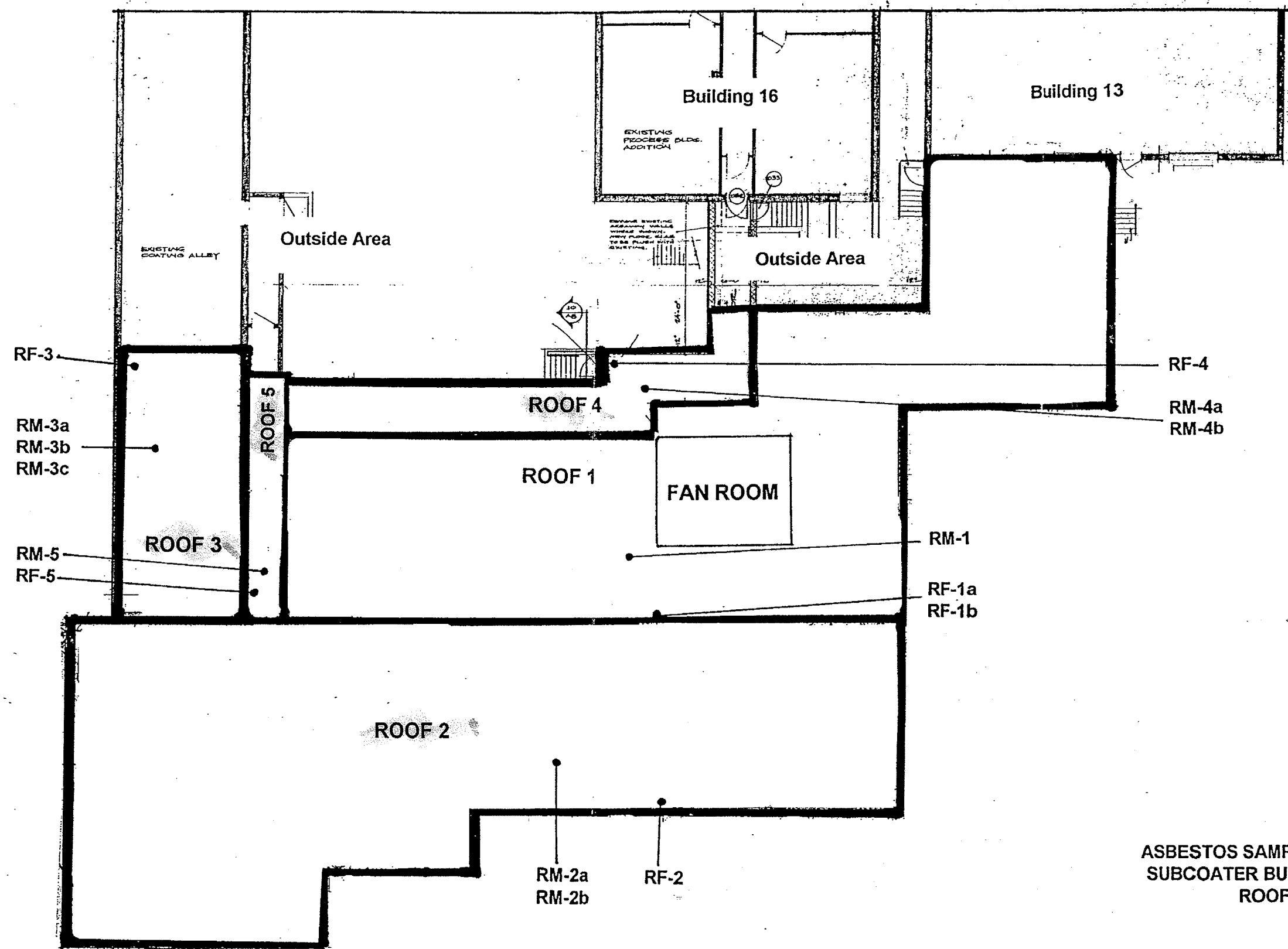
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:





ASBESTOS SAMPLING PLAN
SUBCOATER BUILDING #12
ROOF

503

**ASBESTOS SAMPLING SURVEY
BULK SAMPLE LOG
AND CHAIN OF CUSTODY**

Location: PHOTECM - Bldg 12 Client: CITY OF ROCHESTER
 Job No.: 209288 / 2 Rates: 70/70/50
 PIN/ BIN: — Sampled by: Mitch Smith
 Date: 9/10/09 Relinquished by: Mitch Smith
 LaBella Lab No.: 50309 Received by: Matt Smith
 Positive Stop Protocol: Yes ☐ No ☐ Number of Samples:

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
1 12-1A	Bldg. 12 Corridor #12 on Block Wall Joint	VERTICAL JOINT CAULK		GOOD
2 12-1B	" " "	" " "		GOOD
3 12-2A	Bldg. 12 RECEIVING OFFICE 1st Floor	BROOD 12x12 FLOOR TILE w/ BLACK MASTIC		FAIR
4 12-3A	" " "	TAD Cove Base MOLDING MASTIC		FAIR
5 12-4A	Bldg. 12 on VERTICAL pipes in INCINERATOR ROOM	GRAY PIPE EDD SEALER		GOOD
6 12-5A	Bldg 12 BELOW TAD EXT. FACADE on CMU	GRAY ADHESIVE		GOOD (WET)

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
 Location: 1000 Driving Park Avenue
 Building 12, Exterior
 Sample Date: 6/17/2008

Job No: 6891-08
 Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
CEM-001	40222a	Over Foam SW Corner	Pink Cement	None Detected	0%		Not Required	N/A	None Detected	100%
CEM-001	40222b	Over Foam SW Corner	Gray Cement	None Detected	0%		Not Required	N/A	Fiberglass 3%	97%
CEM-001A	40223a	Over Foam West Side	Pink Cement	None Detected	0%		Not Required	N/A	None Detected	100%
CEM-001A	40223b	Over Foam West Side	Gray Cement	None Detected	0%		Not Required	N/A	Fiberglass 2%	98%
CEM-002	40224	Under Foam SW Corner	Gray Cement	None Detected	0%		Not Required	N/A	None Detected	100%
CEM-002A	40225	Under Foam West Side	Gray Cement	None Detected	0%		Not Required	N/A	None Detected	100%
WAC-003	40226	Around Loading Dock Door North Side	Gray Wall Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
WAC-003A	40227	Around Loading Dock Door West Side	Gray Wall Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/18/2008
 Microscope: Olympus BH-2 #234206
 PLM Analyst: B. Weinman

TEM Date Analyzed: 6/19/2008
 TEM Analyst: M. Hasenauer

Laboratory Results Approved By:
 Asbestos Technical Director

Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

ENVOY

environmental consultants, inc.

57 Ambrose St, Rochester, NY 14608
585-454-1060 * Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: City of Rochester	Contact: Joseph Biondillo
Phone Number: 585-428-6649	Fax Number: Not provided
Results To: Gregg Mance	Turn Around Time: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Date Sampled: June 17, 2008	Material Type/Quantity:
Project Address: 1000 Driving Park Avenue	Project Number: 08-0486
Client Mailing Address: 30 Church Street City Hall Room 300-B Rochester, NY 14614	Material Type/Quantity: Friable <input type="checkbox"/> X NOB <input type="checkbox"/> X TEM <input type="checkbox"/> X
Project Location: Former Phototech Imaging Site	Material Type/Quantity: Friable <input type="checkbox"/> X NOB <input type="checkbox"/> X TEM <input type="checkbox"/> X

Job #: 60891-08

Page: 2 of 2

Date Logged In: 6/17/08

Logged In By: RR

General Location: Building 12 Exterior

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	CEM-001	40222AB Over foam SW corner		Gray	N/A	CEM	Non-friable
2	CEM-001A	223AB Over foam West side		Gray	N/A	CEM	Non-friable
3	CEM-002	224 Under foam SW corner		Gray	N/A	CEM	Non-friable
4	CEM-002A	225 Under foam West side		Gray	N/A	CEM	Non-friable
5	WAC-003	226 Around loading dock door north side	anything else	Gray	N/A	WAC	Non-friable
6	WAC-003A	227 Around loading dock door west side	anything else	Gray	N/A	WAC	Non-friable
7							
8							
9							
10							

Sampled By: Gregg Mance	Date: June 17, 2008
Transported to Paradigm By: Gregg Mance	Date: June 17, 2008
Received By: J. Biondillo	Date: 6/17/08

CHECK ONE:	SURVEY <input checked="" type="checkbox"/>	BULKS ONLY <input type="checkbox"/>
CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS		
or provide TEM contact name:		
TOTAL NUMBER OF SAMPLES IN SURVEY:		

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

702

**ASBESTOS SAMPLING SURVEY
BULK SAMPLE LOG
AND CHAIN OF CUSTODY**

Location: Phototech

Client: C. of Rochester

Job No.: 209 288.03

Rates: _____

PIN/ BIN: _____

Sampled by: _____

Date: _____

Relinquished by: S. Davis

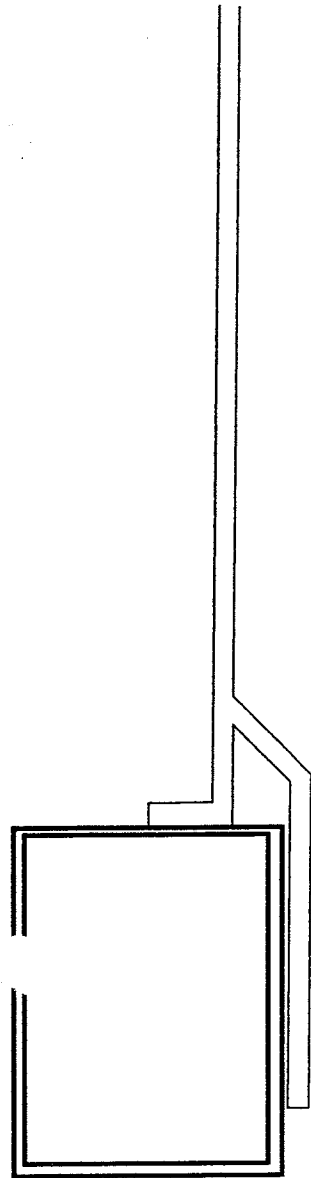
LaBella Lab No.: 70209

Received by: Matt Smith

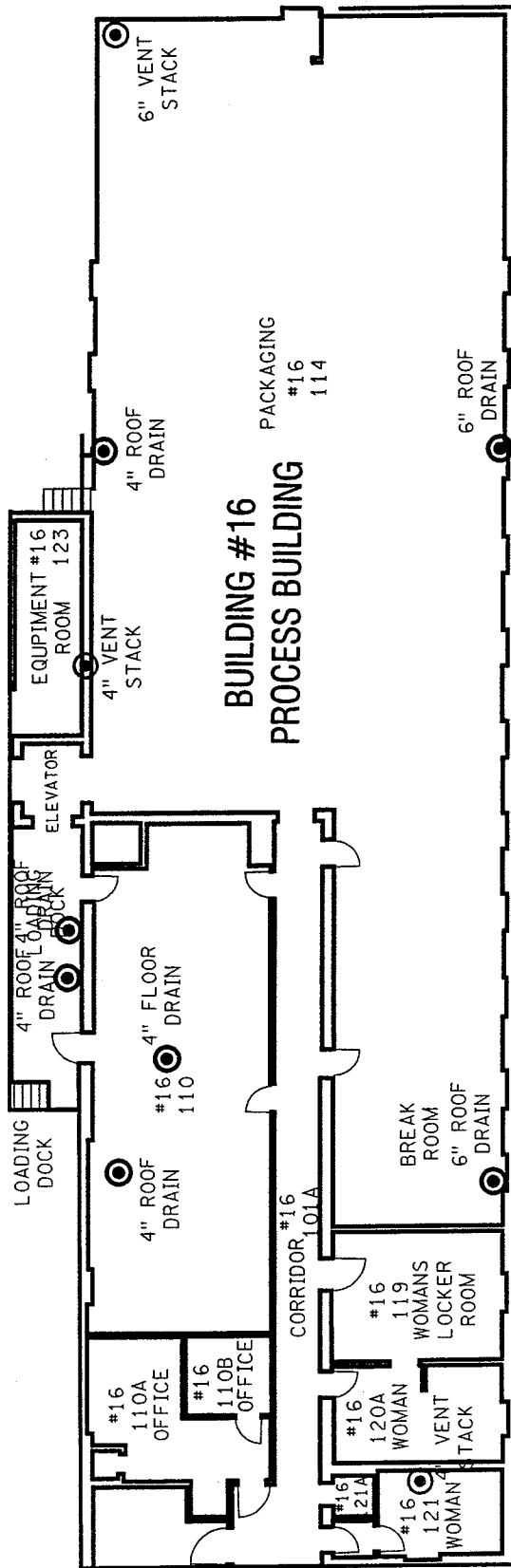
Positive Stop Protocol: Yes ☐ No ☐

Number of Samples: 3

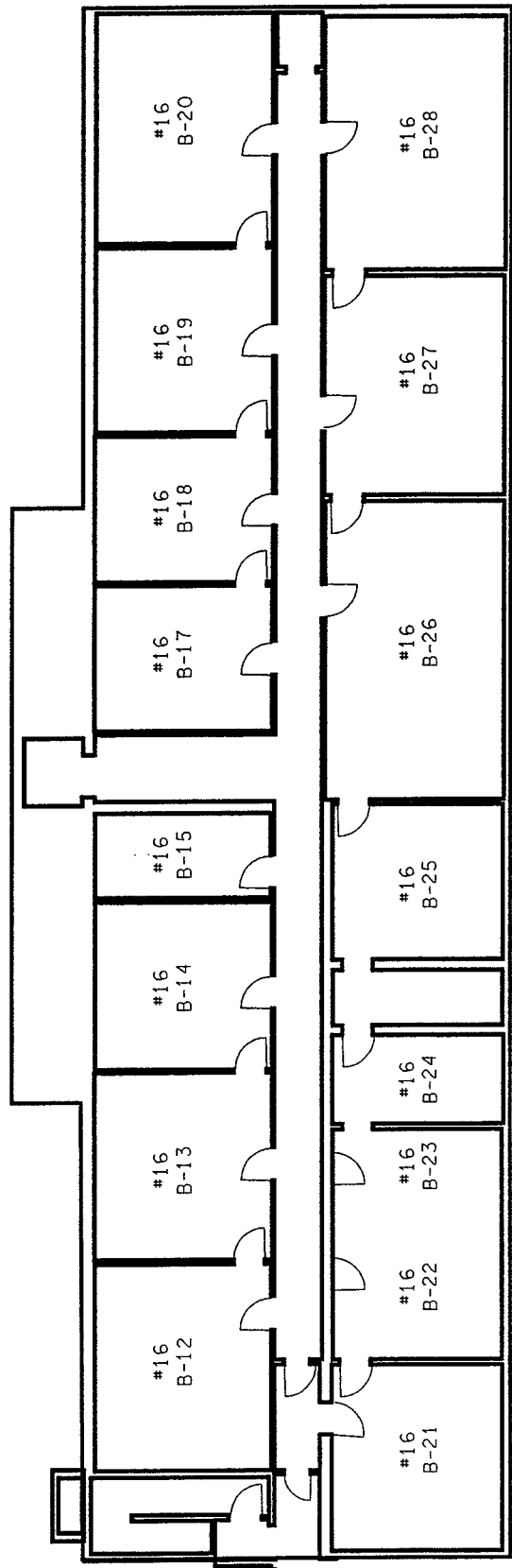
Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
1 1A	Bldg. 1, Basement, Floor Core Membrane	Membrane		
2A	Bldg. 12, Chem. Room, Floor Core Membrane	Membrane		
3A	Bldg 16, Basement, Floor Core Membrane	Membrane		



BUILDING #16
PROCESS BUILDING
PENTHOUSE



BUILDING #16
PROCESS BUILDING
1ST FLOOR



BUILDING #16
PROCESS BUILDING
BASEMENT

COMBINED
1" = 20'

BUILDING #16 – PROCESS BUILDING

Materials Sampled

Black Roof Felts
Black Pipe Insulation Mastic
White Pipe Insulation
White Duct Insulation
Grey Ceiling Plaster
Red Duct Caulk
Tan Mastic
White Foam Cover
White Plastic
Grey 9" x 9" Floor Tile
Brown Floor Tile Mastic
Black Floor Tile Mastic
White Spackle
White 2' x 4' Suspended Ceiling Tile
White Roof Decking
Grey Wall Board
Black Pipe Insulation

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

BASEMENT

Throughout Basement	White Pipe Insulation	2,000	linear feet
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1ST FLOOR

Throughout 1st Floor	White Pipe Insulation and Black Pipe Insulation Mastic	1,500	linear feet
Packaging Room	Grey 9" x 9" Floor Tile & Mastic	1,300	square feet

ROOF

Roof	Black Roof Flashing	450	linear feet
------	---------------------	-----	-------------

PENTHOUSE

Fan Room (Interior/Exterior)	White Pipe Insulation and Black Pipe Insulation Mastic	350	linear feet
	White Duct Insulation	600	square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

BASEMENT

Room B-26	Red Duct Caulk	5	linear feet
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FIRST FLOOR

Corridor	Grey 9" x 9" Floor Tile & Mastic <i>Confirmed ACM</i>	400	square feet
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*All quantities are approximations.

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #16 - Process Building
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/27/1999**

Job Number: **95005**

Page Number: **1 of 2**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
RF-1	25477	Roof Flashing	Black Fibrous Roof Felts	Chrysotile 14%	14%		Cellulose 20%	66%
RM-1	25478	Roof Field	Black Fibrous Roof Felts	None Detected	0% TEM Neg	*	Cellulose 30%	70%
PIM-1	25479	Penthouse - Fan Room	Black Fibrous Pipe Insulation Mastic	None Detected	0%	*	None Detected	100%
PI-1	25480	Penthouse - Fan Room	White Fibrous Pipe Insulation	Chrysotile 20% Amosite 20%	40%		None Detected	60%
DI-1	25481	Penthouse - Fan Room	White Fibrous Duct Insulation	Chrysotile 57%	57%		None Detected	43%
CP-1	25482	Basement Corridor Ceiling	Grey Ceiling Plaster	None Detected	0%		None Detected	100%
PI-2	25483	Basement Room B-27	White Fibrous Pipe Insulation	Amosite 44%	44%		None Detected	56%
DC-1	25484	Basement Room B-26	Red Duct Caulk	None Detected	0%	*	None Detected	100%
C-1a	25485	Basement Alley Ceiling	Tan Mastic (Layer 1)	None Detected	0% TEM Neg	*	None Detected	100%
C-1b	25486	Basement Alley Ceiling	White Foam Cover (Layer 2)	None Detected	0% TEM Neg	*	None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **04/27/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Patrick Fitzgerald**

Laboratory Results Approved By:



PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: Former Phototech Imaging Systems
Building #16 - Process Building
1000 Driving Park Avenue, Rochester, New York
Sample Date: 04/27/1999

Job Number: 95005

Page Number: 2 of 2

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
C-1c	25487	Basement Alley Ceiling	White Fibrous Plastic (Layer 3)	None Detected	0%		Mineral Wool 35%	65%
FT-1	25488	1st Floor Corridor	Grey 9" x 9" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-1	25489	1st Floor Corridor	Brown Floor Tile Mastic from Sample 25488	None Detected	0%	*	Cellulose 6%	94%
SPK-1	25490	1st Floor - Room 110A	White Spackle	None Detected	0%		None Detected	100%
SCT-1	25491	1st Floor - Break Room	White Fibrous 2' x 4' Suspended Ceiling Tile	None Detected	0%		Cellulose 55% Mineral Wool 20%	25%
FT-2	25492	1st Floor - Packaging Room	Grey Fibrous 9" x 9" Floor Tile	Chrysotile 16%	16%		None Detected	84%
FTM-2	25493	1st Floor - Packaging Room	Black Fibrous Floor Tile Mastic from Sample 25492	None Detected	0%		Cellulose 12%	88%
PIM-4	25494	1st Floor - Packaging Room	Black Fibrous Pipe Insulation Mastic	None Detected	0%	*	None Detected	100%
PI-5	25495	1st Floor - Packaging Room	Black Fibrous Pipe Insulation	None Detected	0%		Cellulose 66%	34%
RD-1	25496	Roof Decking	White Fibrous Roof Decking	None Detected	0%		Wood Fiber 18%	82%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 04/27/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:



PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: Brownfield Restoration Group, LLC
Location: Former Phototech Imaging Systems
 Building #16 - Process Building
 1000 Driving Park Avenue, Rochester, New York
Sample Date: 04/30/1999

Job Number: 95128

Page Number: 1 of 1

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ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: 05/05/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 4 of 5

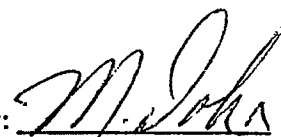
Client ID	Lab ID	Sampling Location	Description	TEM Analysis	
				Total Asbestos	Asbestos Type
RF-1a B-12	25577a	Roof Flashing Roof 1	Black/Silver Fibrous Roof Felts (Layer 1)	<1.0%	None Detected
RM-2a B-12	22578a	Roof Field Roof 2	Black Fibrous Roof Felts (Layer 1)	<1.0%	None Detected
RM-3a B-12	32202	Roof 3 - Field	Black Fibrous Roof Membrane (Top Layer)	<1.0%	None Detected
RM-3b B-12	32203	Roof 3 - Field	Black Foam Insulation Mastic (Middle Layer)	<1.0%	None Detected
RM-4a B-12	32206	Roof 4 - Field	Black Fibrous Roof Membrane (Top Layer)	<1.0%	None Detected
RM-4b B-12	32207	Roof 4 - Field	Black Fibrous Roof Membrane (Bottom Layer)	<1.0%	None Detected
RM-5 B-12	32209	Roof 5 - Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-1 B-13	25502	Roof Field	Black Fibrous Roof Felts	<1.0%	None Detected
RF-1 B-13	25503	Roof Flashing	Black Fibrous Roof Felts	<1.0%	None Detected
RM-1 B-16	25478	Roof Field	Black Fibrous Roof Felts	<1.0%	None Detected

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:



**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 5 of 5

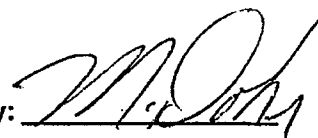
				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
DC-1 B-17	25201	Lower Level	Grey Duct Caulk	<1.0%	None Detected
SV-1 B-17	25205	Upper Level Corridor	Grey Fibrous Sheet Vinyl	<1.0%	None Detected
C-1a B-16	25485	Basement Alley Ceiling	Tan Mastic (Layer 1)	<1.0%	None Detected
C-1b B-16	25486	Basement Alley Ceiling	White Foam Cover (Layer 2)	<1.0%	None Detected

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.
N/A - Not Applicable

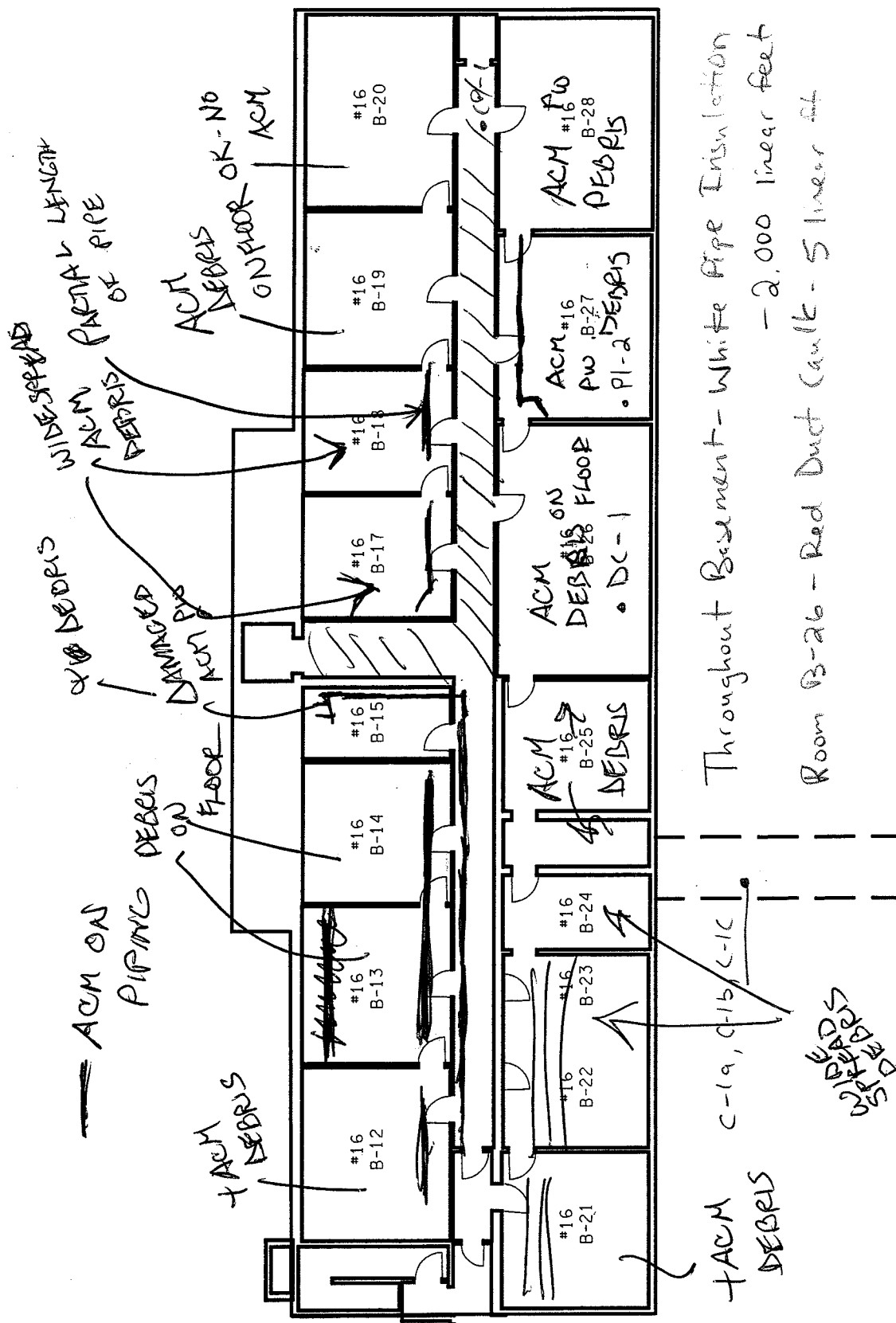
TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:



**BUILDING #16
PROCESS BUILDING
BASEMENT**



Throughout Basement - White Pipe Insulation
- 2,000 linear feet
Room B-26 - Red Duct Caulk - 5 linear ft

||||| - ACM DEBRIS

$$1'' = 20'$$

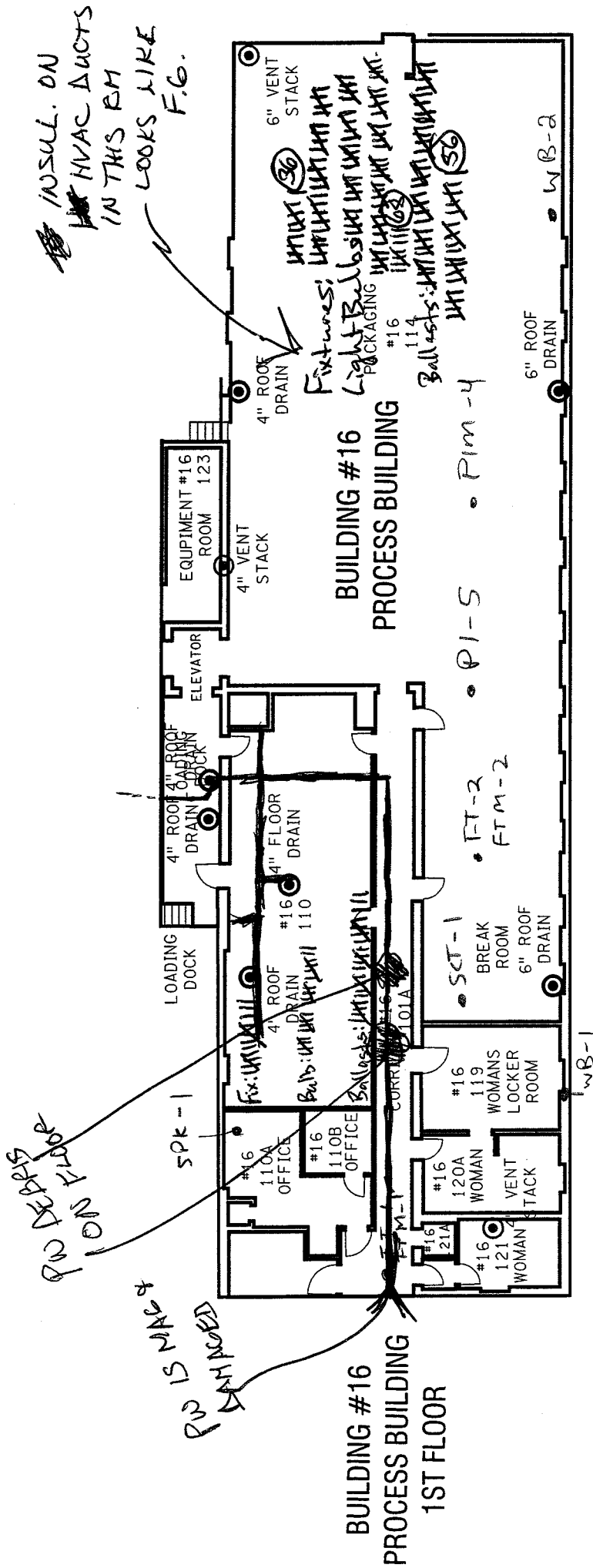
GRAY 9X9 FT/MAS.
IS LOOSE, DAMAGED

Corridor = 3 fixtures
3 ballasts
4 bulbs

$$\begin{aligned} 11A &= 4 \text{ Fixtures, } 8 \text{ ballasts, } 16 \text{ bulbs} \\ 120A &= \emptyset \\ 121A &= \emptyset \\ 121 &= \emptyset \\ 110A &= 1 \text{ Fixture, } 2 \text{ ballasts, } 4 \text{ bulbs} \\ 110B &= 2 \text{ Fixtures, } 8 \text{ bulbs, } 4 \text{ ballasts} \end{aligned}$$

92 DEPT 100

REMOVED
15 MAR 82



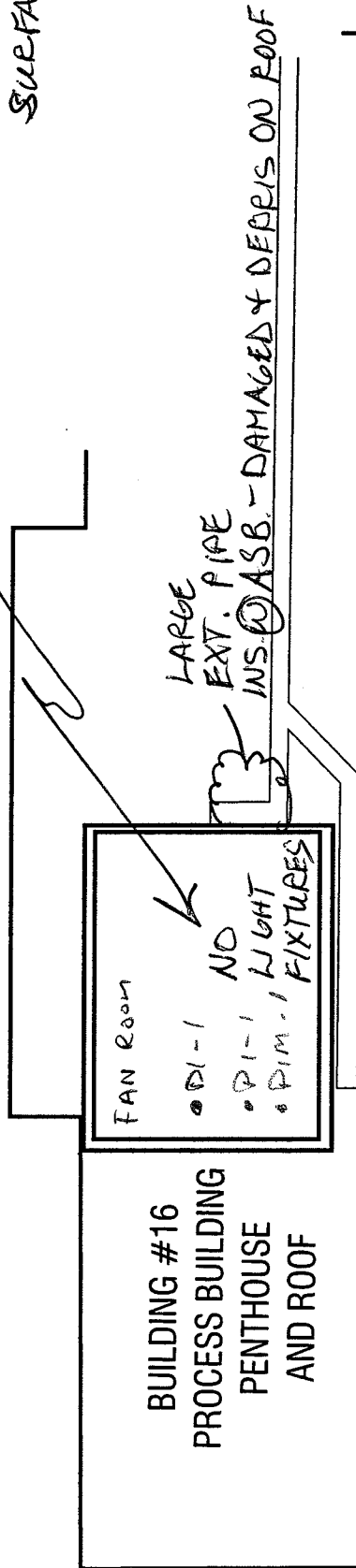
Throughout 1st floor - White Pipe Insulation & Black Pipe Insulation Mastics

Packaging Room - Grey 9x9 floor tile & plastic
-1,300 sq. ft.

Corridor - Grey 9 x 9 Floor tile & mastic
- 400 sq ft

$$1'' = 20'$$

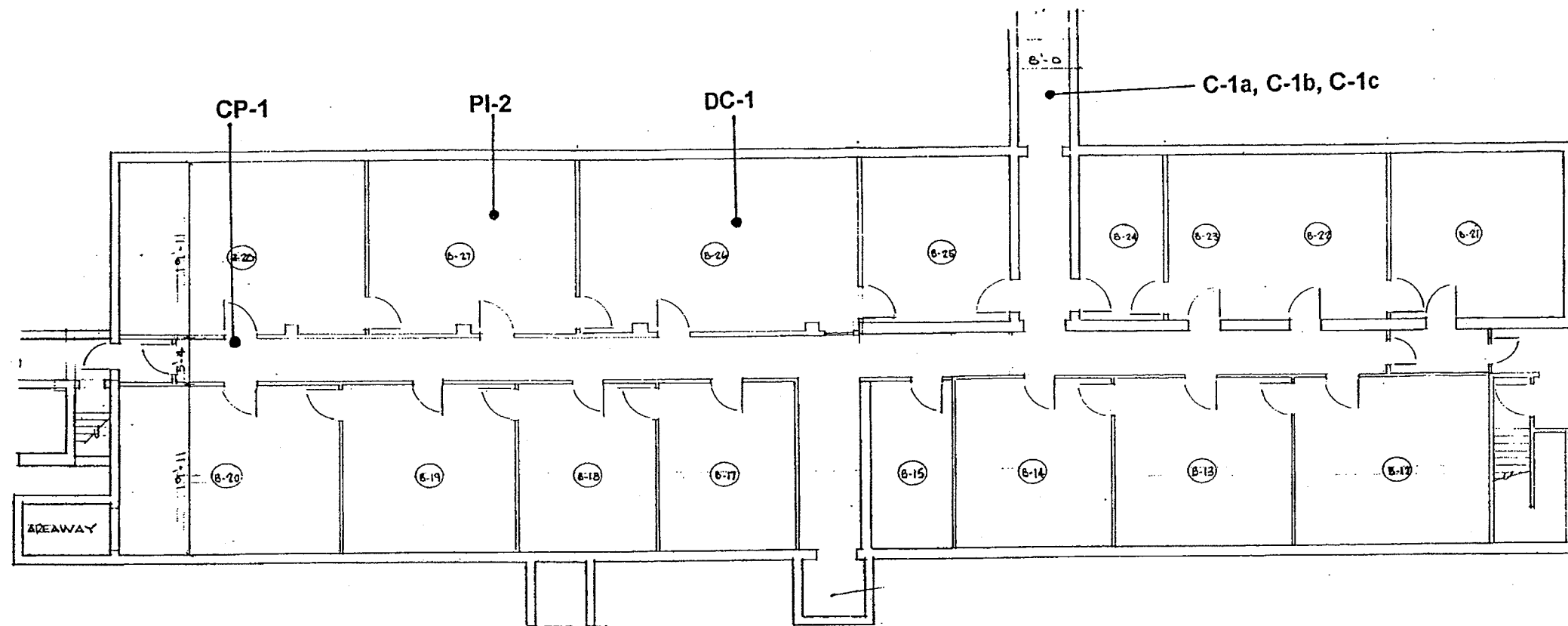
ENTIRE PENTHOUSE CONT. @ A. DEBRIS
SCATTERED ON FLOOR & ALL HORIZ.
SURFACES



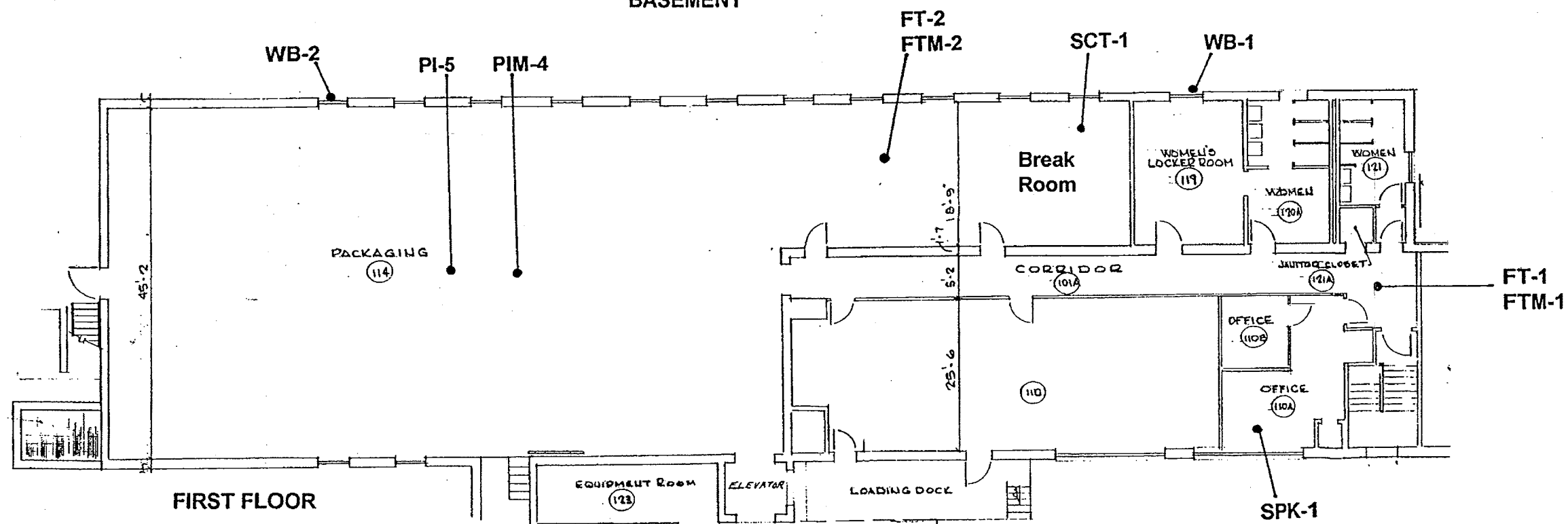
FAN Room (Interior & Exterior)

- White Pipe Insulation & Black Pipe Ins. Master ✓ OK
- 350 linear ft. & DEBRIS - SCATTERED IN ENTIRE ROOM
- White Duct Insulation - 600 sq. ft. ✓ OK

1" = 20'

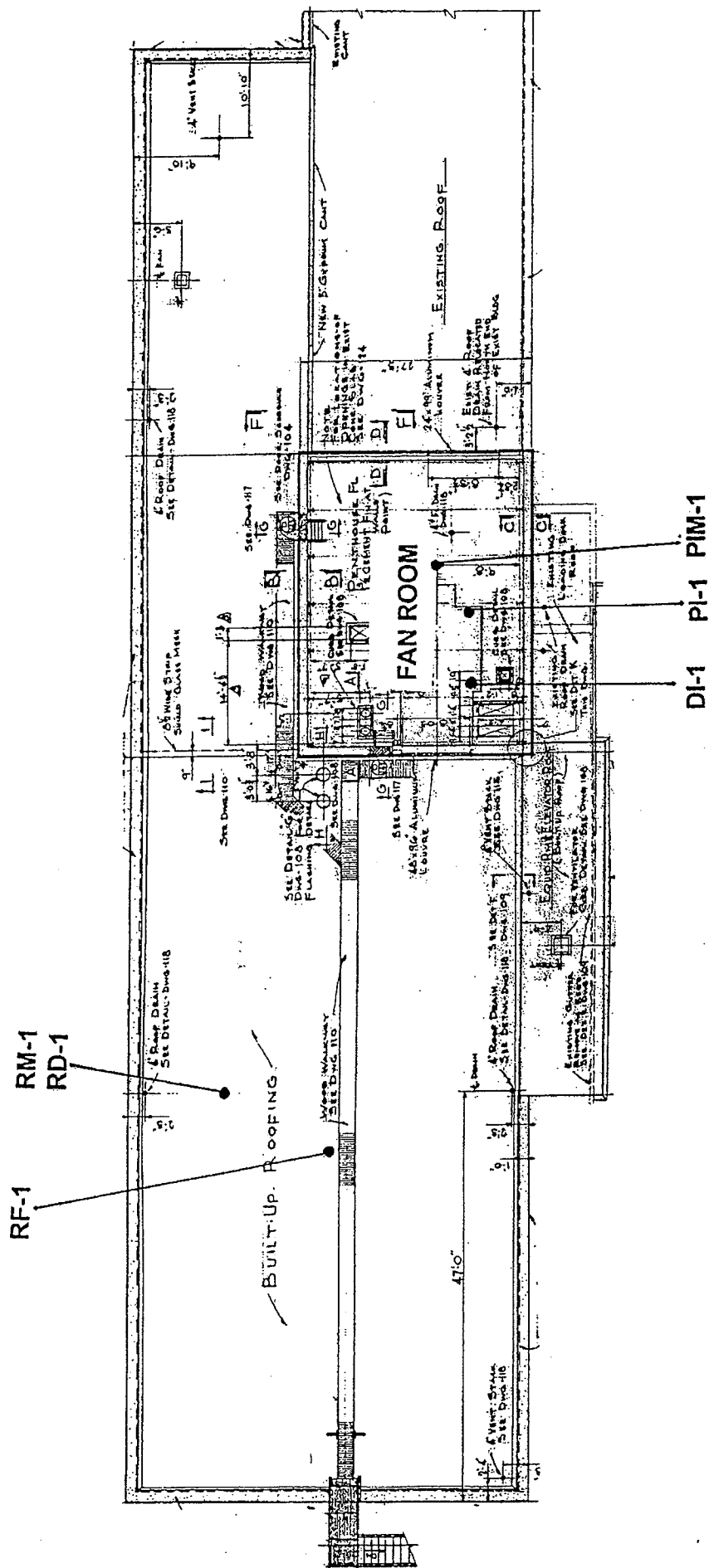


BASEMENT



FIRST FLOOR

B-16



B-16
Roof



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
Location: Former Phototech Imaging
 Building 16, Exterior
Sample Date: 6/17/2008

Job No: 6893-08
Page: 1 of 2

NVLAP[®]

Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 6/18/2008

TEM Date Analyzed: N/A

Microscope: Olympus BH-2 #233173

TEM Analyst: N/A

PLM Analyst: *F. Childs*

Laboratory Results Approved By:
Asbestos Technical Director

Mary Doherty

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6893-08.xls 6/18/2008

ENVOY

environmental consultants, inc.

57 Ambrose St, Rochester, NY 14608
585-454-1060 * Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: City of Rochester	Contact: Joseph Biondolillo
Phone Number: 585-428-6649	Fax Number: Not provided
Results To: Gregg Mance	Turn Around Time: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Date Sampled: June 17, 2008	Material Type/Quantity: Friable <input checked="" type="checkbox"/> X NOB <input checked="" type="checkbox"/> X TEM <input checked="" type="checkbox"/> X
Project Address: 1000 Driving Park Avenue	Project Number: 08-0486
Client Mailing Address: 30 Church Street City Hall Room 300-B Rochester, NY 14614	
Project Location: Former Phototech Imaging Site	

General Location: Building 16 Exterior

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	TRN-001	40232 East wall north end, over windows		Gray	N/A	TRN	Non-friable
2							
3							
4							
5							
6							
7							
8							
9							
10							

Sampled By: Gregg Mance	Date: June 17, 2008
Transported to Paradigm By: Gregg Mance	Date: June 17, 2008
Received By: P. Biondolillo	Date: 6/17/08

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

412

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECN SITE

Client: CITY of ROCHESTER

Job No.: 209288 / phase 2

Rates: 12/74/35

PIN/ BIN: _____

Sampled by: Mitch Smith

Date: 7/30/09

Relinquished by: Mitch Smith

LaBella Lab No.: ^{mss} 461209

Received by: Matt Smith

Positive Stop Protocol: Yes ☐ No ☐

Number of Samples: 1

[illegible]

702

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: Phototech

Client: C. of Rochester

Job No.: 209 288.03

Rates: _____

PIN/ BIN: _____

Sampled by: _____

Date: _____

Relinquished by: S. Davis

LaBella Lab No.: 70209

Received by: Matt Smith

Positive Stop Protocol: Yes ☐ No ☐

Number of Samples: 3

[illegible]

BUILDING #17 – DRYER ADDITION

Materials Sampled

White Insulation
Grey Pipe Insulation
Grey Mudded Joint Packing
Grey Duct Insulation
Black Duct Insulation
Grey Duct Caulk
White Vibration Cloth
Grey Wall Insulation
Brown Wall Insulation
Grey Sheet Vinyl
White Spackle
Black Pipe Wrap

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

LOWER LEVEL

Throughout Floor	White Fire Door Insulation	120	square feet
Throughout Floor & Upper Platform	Grey Pipe Insulation & Grey Mudded Joint Packing	260	linear feet
Upper Platform	White Vibration Cloth	30	linear feet
	Grey Wall Insulation (Layer 1)	150	square feet
	Brown Wall Insulation (Layer 2)		
Hallway	Black Pipe Wrap	30	linear feet

UPPER LEVEL

Throughout Floor	White Fire Door Insulation	120	square feet
------------------	----------------------------	-----	-------------

*All quantities are approximations.

**PARADIGM
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179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: Former Phototech Imaging Systems
Building #17 - Dryer Addition
1000 Driving Park Avenue, Rochester, New York
Sample Date: 04/26/1999

Job Number: 94955

Page Number: 1 of 2

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
FD-1	25196	Lower Level Fire Door	White Fibrous Fire Door Insulation	Amosite 20% Chrysotile 20%	40%		None Detected	60%
PI-1	25197	Lower Level	Grey Fibrous Pipe Insulation	Amosite 44%	44%		None Detected	56%
MJP-1	25198	Lower Level	Grey Fibrous Mudded Joint Packing	Chrysotile 36%	36%		None Detected	64%
DI-A.1	25199	Lower Level	Grey Fibrous Duct Insulation (Layer 1)	None Detected	0%		Cellulose 90%	10%
DI-A.2	25200	Lower Level	Black Fibrous Duct Insulation (Layer 2)	None Detected	0%		Cellulose 15% Mineral Wool 75%	10%
DC-1	25201	Lower Level	Grey Duct Caulk	None Detected	0% TEM Neg	*	None Detected	100%
VC-1	25202	Lower Level	White Fibrous Vibration Cloth	Chrysotile 80%	80%		Cellulose 15%	5%
WI-A.1	25203	Lower Level	Grey Fibrous Wall Insulation	Chrysotile 36%	36%		None Detected	64%
WIM-A.1	25204	Lower Level	Brown Wall Insulation Mastic	None Detected	0%	*	None Detected	100%
SV-1	25205	Upper Level Corridor	Grey Fibrous Sheet Vinyl	None Detected	0% TEM Neg	*	Cellulose 12% Fiberglass 9%	79%

ELAP ID No.: 10958


The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 04/26/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:



PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: Brownfield Restoration Group, LLC
Location: Former Phototech Imaging Systems
 Building #17 - Dryer Addition
 1000 Driving Park Avenue, Rochester, New York
Sample Date: 04/26/1999

Job Number: 94955

Page Number: 2 of 2

[illegible]

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: 04/26/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Page Number: 1 of 1

ELAP ID No.: 10958

Laboratory Results Approved By:

File ID: Photech.XLS

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: Former Phototech Imaging Systems
Building #17 - Dryer Addition
1000 Driving Park Avenue, Rochester, New York
Sample Date: 06/16/1999

Job Number: 97195

Page Number: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
SPK-3	40603	Lower Level	White Wall Spackle	None Detected	0%		None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: 06/21/1999
Microscope: Olympus BH-2 #232953
Analyst: Mary Dohr

Laboratory Results Approved By:



File ID: Phototech.XLS

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: 5/99-6/99

Job No:

Page Number: 5 of 5

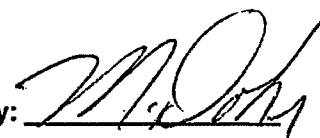
				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
DC-1 B-17	25201	Lower Level	Grey Duct Caulk	<1.0%	None Detected
SV-1 B-17	25205	Upper Level Corridor	Grey Fibrous Sheet Vinyl	<1.0%	None Detected
C-1a B-16	25485	Basement Alley Ceiling	Tan Mastic (Layer 1)	<1.0%	None Detected
C-1b B-16	25486	Basement Alley Ceiling	White Foam Cover (Layer 2)	<1.0%	None Detected

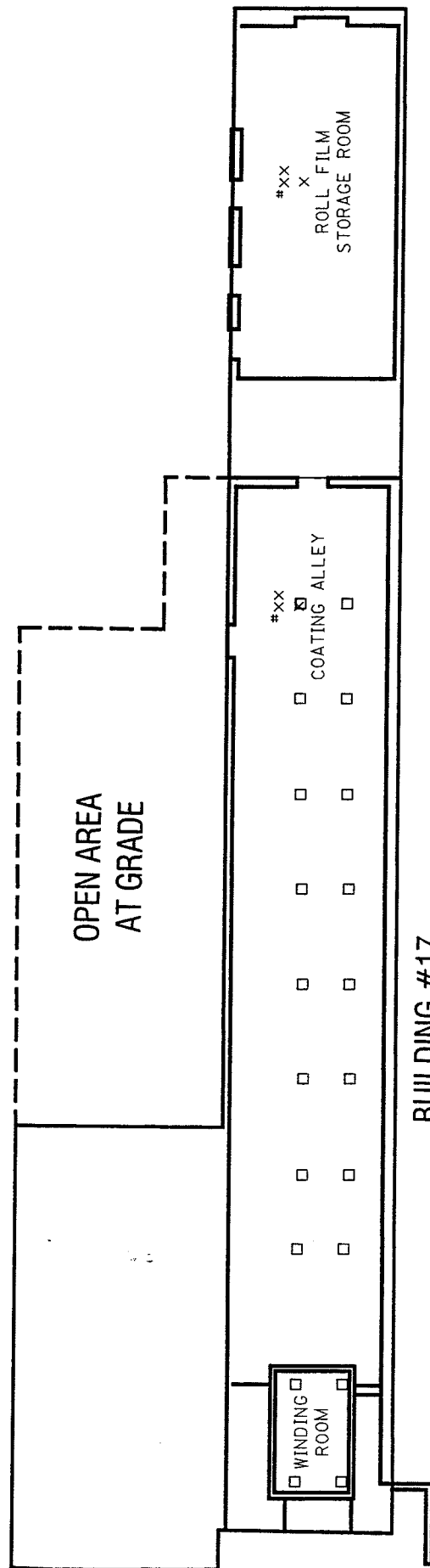
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:





BUILDING #17

DRYER ADDITION

Lower Level

Throughout Floor - White Fire Door - 120 sq ft.

Throughout floor & upper platform

- Grey Pipe Ins. & Grey mudded Joint Packing - 260 linear ft

Upper platform - White Vibration Cloth - 30 linear ft

- Grey wall Insulation (layer 1) 150 sq ft

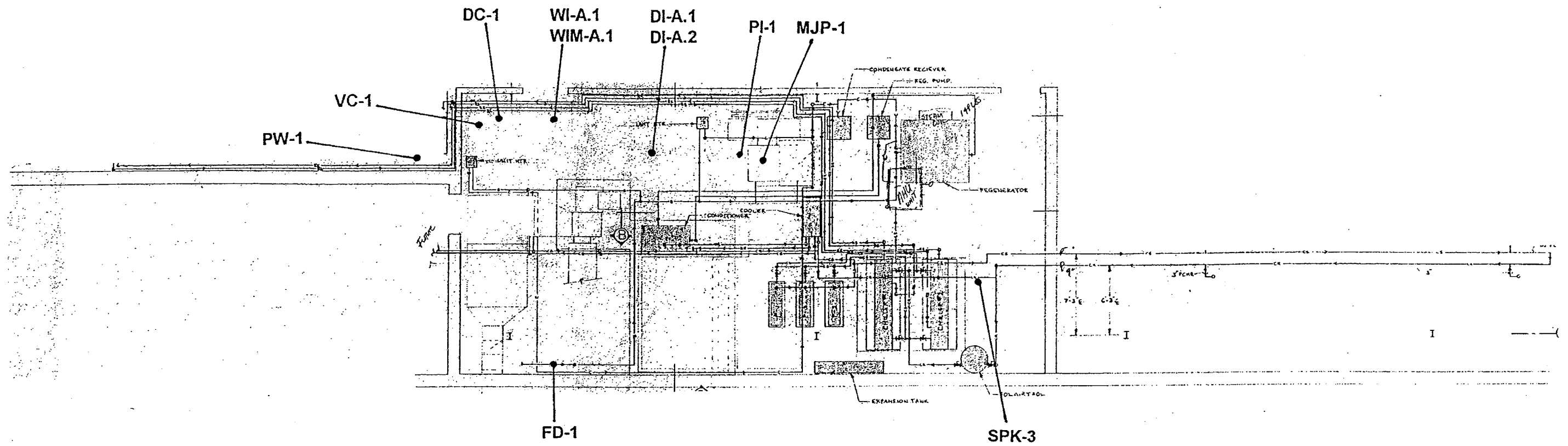
- Brown wall Ins. (layer 2) 150 sq ft

Hallway - Black Pipe Wrpt - 30 linear ft

UPPER LEVEL

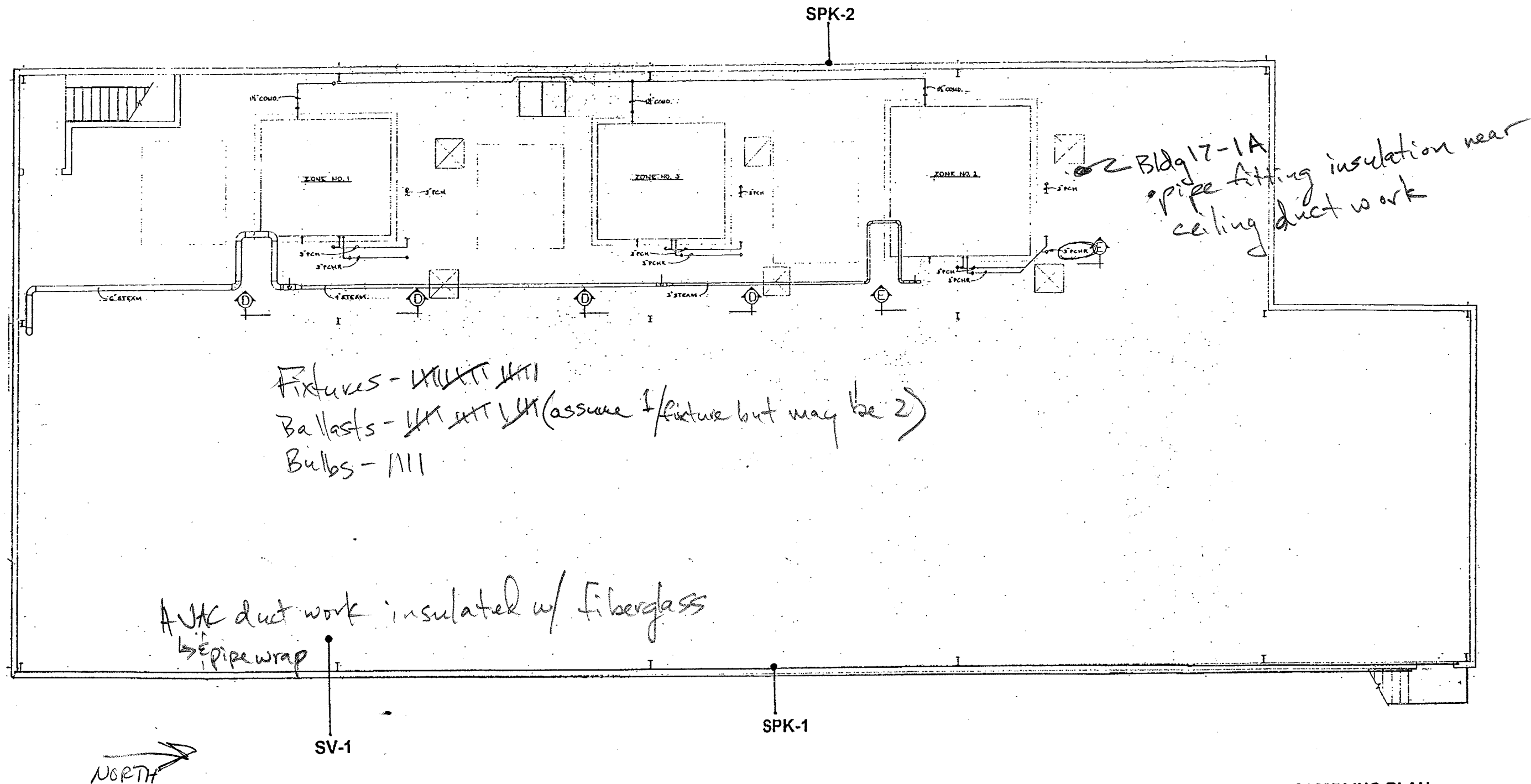
Throughout Floor - White fire door Ins. - 120 sq ft

1" = 20'



ASBESTOS SAMPLING PLAN
 DRYER ADDITION BUILDING #17
 LOWER LEVEL

BLDG 17



ASBESTOS SAMPLING PLAN
DRYER ADDITION BUILDING #17
UPPER LEVEL

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK

NO SUSPECT ACM ROOFING DETECTED

ASBESTOS SAMPLING PLAN
DRYER ADDITION BUILDING #17
ROOF

PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1999

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - Bldg #17 Client: CITY OF ROCHESTER
Job No.: [REDACTED] Rates: 20/20/50
PIN/ BIN: A-209288.03 Sampled by: Mitch Smith TKV
Date: 9/25/09 PHASE 1 Relinquished by: Mitch Smith TKV
LaBella Lab No.: 57809 Received by: Matt Smith
Positive Stop Protocol: Yes ☐ No ☐ Number of Samples: 1

[illegible]

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
Location: 1000 Driving Park Avenue
 Building 17, Exterior
Sample Date: 6/17/2008

Job No: 6892-08
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
TRP-001	40228	East Wall North End	Black Tar Paper	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
TAR-002	40229	East Wall North End	Black Fibrous Tar	Chrysotile 42%	42%	√	Not Required	N/A	Fiberglass 15%	43%
TAR-003	40230	East Wall at Foundation	Black Fibrous Tar	Chrysotile 14%	14%	√	Not Required	N/A	None Detected	86%
TAR-004	40231	West Wall on Foundation	Black Fibrous Tar	Chrysotile 16%	16%	√	Not Required	N/A	None Detected	84%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/18/2008
 Microscope: Olympus BH-2 #233173
 PLM Analyst: F. Childs

TEM Date Analyzed: 6/19/2008
 TEM Analyst: M. Hasenauer

Laboratory Results Approved By:
 Asbestos Technical Director

Mary Dohr

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ENVOY

environmental consultants, inc.

57 Ambrose St, Rochester, NY 14608
585-454-1060 * Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: City of Rochester	Contact: Joseph Biondolillo
Phone Number: 585-428-6649	Fax Number: Not provided
Results To: Gregg Mance	Turn Around Time: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Date Sampled: June 17, 2008	Material Type/Quantity: Friable <input checked="" type="checkbox"/> NOB <input checked="" type="checkbox"/> TEM <input checked="" type="checkbox"/>
Project Address: 1000 Driving Park Avenue	Project Number: 08-0486
Client Mailing Address: 30 Church Street City Hall Room 300-B Rochester, NY 14614	
Project Location: Former Phototech Imaging Site	

Job #: 6892-08

Page 2 of 2

Date Logged In: 6/17/08

Logged In By: RE

General Location: Building 17 Exterior

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	TRP-001	40228 East wall north end		Black	N/A	TRP	Non-friable
2	TAR-002	229 East wall north end		Black	N/A	TAR	Non-friable
3	TAR-003	230 East wall at foundation		Black	N/A	TAR	Non-friable
4	TAR-004	231 West wall on foundation		Gray	N/A	CEM	Non-friable
5							
6							
7							
8							
9							
10							

Sampled By: Gregg Mance	Date: June 17, 2008
Transported to Paradigm By: Gregg Mance	Date: June 17, 2008
Received By: D. Biondolillo	Date: 6/17/08

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

BUILDING #2 – EMULSION BUILDING

Materials Sampled

Black Elbow and Seam Pipe Cover
Black Pipe Cover Over Cork
Grey Wall Caulk
Black Expansion Joint
Black Roofing
Silver/Black Roof Flashing
Black Roof Membrane
Black Duct Insulation -
Black Pipe Insulation
Red Paint
White Pipe Insulation
Grey Vibration Cloth
Grey Duct Insulation
Tan Brick Ceiling
Tan Insulation Mastic
White Wall Plaster
Grey Wall Insulation
White Wall Plaster
Grey Wall Plaster
White 2' x 2' Suspended Ceiling Tile
White Spackle
Grey Wall Plaster
Yellow Ceramic Tile Mastic
Black Sink Mastic
White/Grey 2' x 4' Suspended Ceiling Tile
Yellow Ceramic Tile Mastic
Tan 12" x 12" Floor Tile
Black Floor Tile Mastic
Black Tank Insulation Mastic
Grey Cove Molding Mastic
Grey Transite Wall
Black Tank Coating
Black Tar

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

BASEMENT

Throughout Basement	White Pipe Insulation	900	linear feet
Debris on Floors	White Pipe Insulation	1,200	linear feet
Machine Room	White Tank Insulation (On 2 Tanks)	1,200	square feet
	White Duct Insulation	1,200	square feet

*may not be
present 2009*

General Stock Room	Grey Transite Walls	1,500	square feet
Storage Area	Black Tank Coating	650	square feet
Chill Room (Under Cork Wall)	Black Tar (2 Layers)	4,000	square feet
Bulk Storage Room	Black Elbows and Seam Pipe Cover	370	linear feet

1ST FLOOR

Throughout 1st Floor	Grey Duct Insulation	600	square feet
Debris in Corridors and Stairtower	White Pipe Insulation	1,200	linear feet
Room 111B Heater Tank	Black Tank Insulation Mastic <i>white covering + foam - not ACM LaBella 63409</i>	320	square feet
Room 111B Waterbath	Black Tank Insulation Mastic	260	square feet

2ND FLOOR

Throughout 2nd Floor	Grey Duct Insulation	875	square feet
Debris in Corridors and Rooms	White Pipe Insulation	1,200	linear feet
Laboratory Room	Transite Fume Hood	80	square feet

3RD FLOOR

Throughout 3rd Floor	Grey Duct Insulation	600	square feet
Debris in Corridors and Rooms	White Pipe Insulation	1,000	linear feet

4TH FLOOR

Penthouse	White Pipe Insulation	260	linear feet
	Grey Vibration Cloth	60	linear feet
	Grey Duct Insulation	2,800	square feet
	Grey Wall Insulation	30	square feet

Roof	Black Flashing RF-1	420	square feet
	Black Duct Insulation DI-1	125	square feet
	Black Pipe Insulation PI-2	100	linear feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

BASEMENT

Men's Room	Tan 12" x 12" Floor Tile & Mastic	100	square feet
------------	-----------------------------------	-----	-------------

1ST FLOOR

Room 124	Grey Cove Molding Mastic	70	linear feet
	<i>confirmed non-ACM LaBella 63409-3</i>		

2ND FLOOR

Room 227	Black Sink Mastic	30	square feet
----------	-------------------	----	-------------

EXTERIOR

Roof Over Tunnel	Black Tar	180	square feet
------------------	-----------	-----	-------------

*All quantities are approximations.

BUILDING# 2 – EMULSION BUILDING

Total Asbestos Containing Materials:

Tank Insulation	1,200	square feet
Tank Insulation Mastic	580	square feet
Duct Insulation	6,200	square feet
Transite Walls	1,500	square feet
Tank Coating	650	square feet
Tar Wall Coating	4,000	square feet
Pipe Insulation	5,860	linear feet
Elbows & Seam Pipe Cover	370	linear feet
Vibration Cloth	60	linear feet
Wall Insulation	30	square feet
Roof Flashing	420	square feet

Total Materials to be *Treated* as Asbestos Containing:

Floor Tile and Mastic	100	square feet
Cove Molding Mastic	70	linear feet
Sink Mastic	30	square feet
Tar Roofing	180	square feet

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: Former Phototech Imaging Systems
Building #2 - Emulsion Building
1000 Driving Park Avenue, Rochester, New York
Sample Date: 04/22/1999

Job Number: 94818

Page Number: 1 of 4

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
RF-1	24265	Roof-Flashing	Silver/Black Fibrous Flashing	Chrysotile 10%	10%		Cellulose 28% Fiberglass 10%	52%
RM-1	24266	Roof-Field	Black Fibrous Membrane	None Detected	0%	*	Cellulose 43% <i>TEM Neg</i>	57%
DI-1	24267	Roof-Duct Work	Black Fibrous Duct Insulation	Chrysotile 6%	6%		Fiberglass 9%	85%
PI-2	24268	Roof-Pipe Insulation	Black Fibrous Pipe Insulation	Chrysotile 5%	5%		Cellulose 41%	54%
PA-1	24269	Penthouse Exterior Paint	Red Paint	None Detected	0%	*	None Detected	100%
PI-1	24270	Penthouse	White Fibrous Pipe Insulation	Amosite 20% Chrysotile 20%	40%		None Detected	60%
VC-1	24271	Penthouse	Grey Fibrous Vibration Cloth	Chrysotile 66%	66%		Cellulose 34%	0%
DI-2	24272	Penthouse	Grey Fibrous Duct Insulation	Chrysotile 33%	33%		None Detected	67%
BC-1	24273	Penthouse	Tan Brick Ceiling	None Detected	0%		Cellulose 7%	93%
IM-1	24274	Penthouse Mastic Underneath Insulation	Tan Insulation Mastic	None Detected	0%	*	None Detected <i>TEM Neg</i>	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 04/22/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

M. Ors

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Phototech Imaging Systems
Building #2 - Emulsion Building
1000 Driving Park Avenue, Rochester, New York

Job Number: 94818

Sample Date: 04/22/1999

Page Number: 2 of 4

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
WP-1	24275	Penthouse-Wall	White Wall Plaster	None Detected	0%		None Detected	100%
WI-1	24276	Penthouse-Wall	Grey Fibrous Wall Insulation	Chrysotile 28%	28%		None Detected	72%
DI-3	24277	Third Floor-Corridor	Grey Fibrous Duct Insulation	Chrysotile 30%	30%		None Detected	70%
CP-1a	24278	Third Floor Room 321 Wall	White Wall Plaster (Layer 1)	None Detected	0%		Cellulose 7%	93%
CP-1b	24279	Third Floor Room 321 Wall	Grey Fibrous Wall Plaster (Layer 2)	None Detected	0%		Cellulose 13%	87%
CP-1c	24280	Third Floor Room 321 Wall	Grey Fibrous Wall Plaster (Layer 3)	None Detected	0%		Cellulose 85%	15%
CP-1d	24281	Third Floor Room 321 Wall	Grey Wall Plaster (Layer 4)	None Detected	0%		None Detected	100%
SCT-1	24282	Third Floor Room 319 Ceiling	White/Grey Fibrous 2'x2' Suspended Ceiling Tile	None Detected	0%		Cellulose 55% Mineral Wool 20%	25%
SPK-1	24283	Third Floor Room 319 Wall	White Spackle	None Detected	0%		Cellulose 7%	93%
WP-2	24284	Second Floor Room 213 Wall	Grey Fibrous Wall Plaster	None Detected	0%		Wood Fiber 18%	82%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: 04/22/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:



PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
Building #2 - Emulsion Building
1000 Driving Park Avenue, Rochester, NY
Sample Date: **04/22/1999**

Job Number: **94818**

Page Number: **3 of 4**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
CRM-1	24285	Second Floor Room 229 Wall	Yellow Ceramic Tile Mastic	None Detected	0%	*	None Detected <i>TEM Neg</i>	100%
SM-1	24286	Second Floor Room 227	Black Sink Mastic	None Detected	0%	*	None Detected	100%
SCT-2	24287	Second Floor Corridor	White/Grey Fibrous 2"x4" Suspended Ceiling Tile	None Detected	0%		Cellulose 50% Mineral Wool 25%	25%
CRM-2	24288	Second Floor Room 216	Yellow Ceramic Tile Mastic	None Detected	0%	*	None Detected <i>TEM Neg</i>	100%
FT-1	24289	First Floor Room 124	Tan 12"x12" Floor Tile	None Detected	0%	*	None Detected <i>TEM Neg</i>	100%
FTM-1	24290	First Floor Room 124	Black Fibrous Floor Tile Mastic from Sample 24289	None Detected	0%	*	Cellulose 42% <i>TEM Neg</i>	88%
TKIM-1	24291	First Floor Room 111B Heater Tank	Black Fibrous Tank Insulation Mastic	Chrysotile 5%	5%		Cellulose 12%	83%
TKIM-2	24292	First Floor Room 111B Waterbath	Black Fibrous Tank Insulation Mastic	Chrysotile 4%	4%		Cellulose 12%	84%
SPK-2	24293	First Floor Room 119 Wall	White Spackle	None Detected	0%		Cellulose 7%	93%
CMM-1	24294	First Floor Room 125 Wall	Grey Cove Molding Mastic	None Detected	0%	*	None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **04/22/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Patrick Fitzgerald**

Laboratory Results Approved By: 

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: Brownfield Restoration Group, LLC
Location: Former Phototech Imaging Systems
Building #2 - Emulsion Building
1000 Driving Park Avenue, Rochester, New York
Sample Date: 04/22/1999

Job Number: 94818

Page Number: 4 of 4

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
FT-2	24295	Basement Men's Room	Tan 12"x12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-2	24296	Basement Men's Room	Black Fibrous Floor Tile Mastic from Sample 24295	None Detected	0%	*	Cellulose 11%	89%
TRW-1	24297	Basement General Stock Room	Grey Fibrous Transite Wall	Chrysotile 31%	31%		Cellulose 8%	61%
TKI-3	24298	Basement Storage Area	Black Fibrous Tank Coating	Chrysotile 6%	6%		Cellulose 19%	75%
TAR-1	24299	Basement Chill Room Beneath Cork Wall	Black Fibrous Tar (Layer 1)	Chrysotile 12%	12%		None Detected	88%
TAR-2	24300	Basement Chill Room Beneath Cork Wall	Black Fibrous Tar (Layer 2)	Chrysotile 9%	9%		None Detected	91%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 04/22/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By: 

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Phototech Imaging Systems
Building #2 - Emulsion Building
1000 Driving Park Avenue, Rochester, New York

Job Number: 97193

Sample Date: 06/16/1999

Page Number: 1 of 1

[illegible]

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

***Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.**

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 06/21/1999
Microscope: Olympus BH-2 #232953
Analyst: Mary Dohr

Laboratory Results Approved By:

File ID: Photech.XLS

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**

Location: Former Photech Imaging Systems
Building #2 - Emulsion Building
1000 Driving Park Avenue, Rochester, New York

Job Number: 95984

Sample Date: 05/24/1999

Page Number: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
WC-1	32550	Exterior Walls	Grey Wall Caulk	None Detected	0%		None Detected	100%
EJ-1	32551	Exterior - Ground	Black Expansion Joint	None Detected	0%	*	None Detected <i>TEM Neg</i>	100%
TAR-3	32552	Exterior - Roof Over Tunnel	Black Fibrous Roofing	None Detected	0%	*	Cellulose 30%	70%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.


Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 05/24/1999

Microscope: Olympus BH-2 #232953

Analyst: Patrick Fitzgerald

Laboratory Results Approved By:



**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 1 of 5

				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
CMM-1 B-1	23965	First Floor Main Entry	Beige Cove Molding Mastic	<1.0%	None Detected
CMF-1 B-1	23966	First Floor Main Entry	Beige Carpet Mastic	<1.0%	None Detected
SV-1 B-1	23968	First Floor Stairtower	Orange Stair Tread Sheet Vinyl	<1.0%	None Detected
SVM-1 B-1	23969	First Floor Stairtower	Black Stair Tread Sheet Vinyl Mastic from Sample 23968	<1.0%	None Detected
SV-2 B-1	23970	First Floor Room 102	Grey Fibrous Battleship Sheet Vinyl	<1.0%	None Detected
SV-3 B-1	23975	First Floor Corridor 121	Red Fibrous Sheet Vinyl	<1.0%	None Detected
FOM-1 B-1	23976	First Floor Room 117	Tan Foam Mastic	<1.0%	None Detected
CA-1 B-1	23985	Exterior-Underneath Foam	Grey Cement Adhesive	<1.0%	None Detected
RM-1 B-2	24266	Roof-Field	Black Fibrous Membrane	<1.0%	None Detected
IM-1 B-2	24274	Penthouse Mastic Underneath Insulation	Tan Insulation Mastic	<1.0%	None Detected

ELAP ID No.: 10984

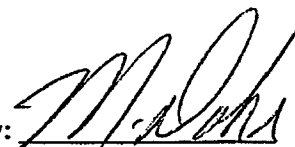
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method
198.1 and 198.4.

N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:



PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 2 of 5

				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
CRM-1 B-2	24285	Second Floor Room 229 Wall	Yellow Ceramic Tile Mastic	<1.0%	None Detected
CRM-2 B-2	24288	Second Floor Room 216	Yellow Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-2	24289	First Floor Room 124	Tan 12"x12" Floor Tile	<1.0%	None Detected
FTM-1 B-2	24290	First Floor Room 124	Black Fibrous Floor Tile Mastic from Sample 24289	<1.0%	None Detected
EJ-1 B-2	32551	Exterior - Ground	Black Expansion Joint	<1.0%	None Detected
RM-1 B-3	26354	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-1 B-4	26318	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-A.1 B-7	25229	Roof Field	Black Fibrous Roof Membrane (Layer 1)	<1.0%	None Detected
RM-A.2 B-7	25230	Roof Field	Black Fibrous Roof Membrane (Layer 2)	<1.0%	None Detected
DI-2 B-7	25232	Basement - Coating Room	Tan Fibrous Duct Insulation Mastic	<1.0%	None Detected

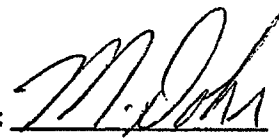
ELAP ID No.: 10984

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method
198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:



634

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG

JOB NO.: 209288,03

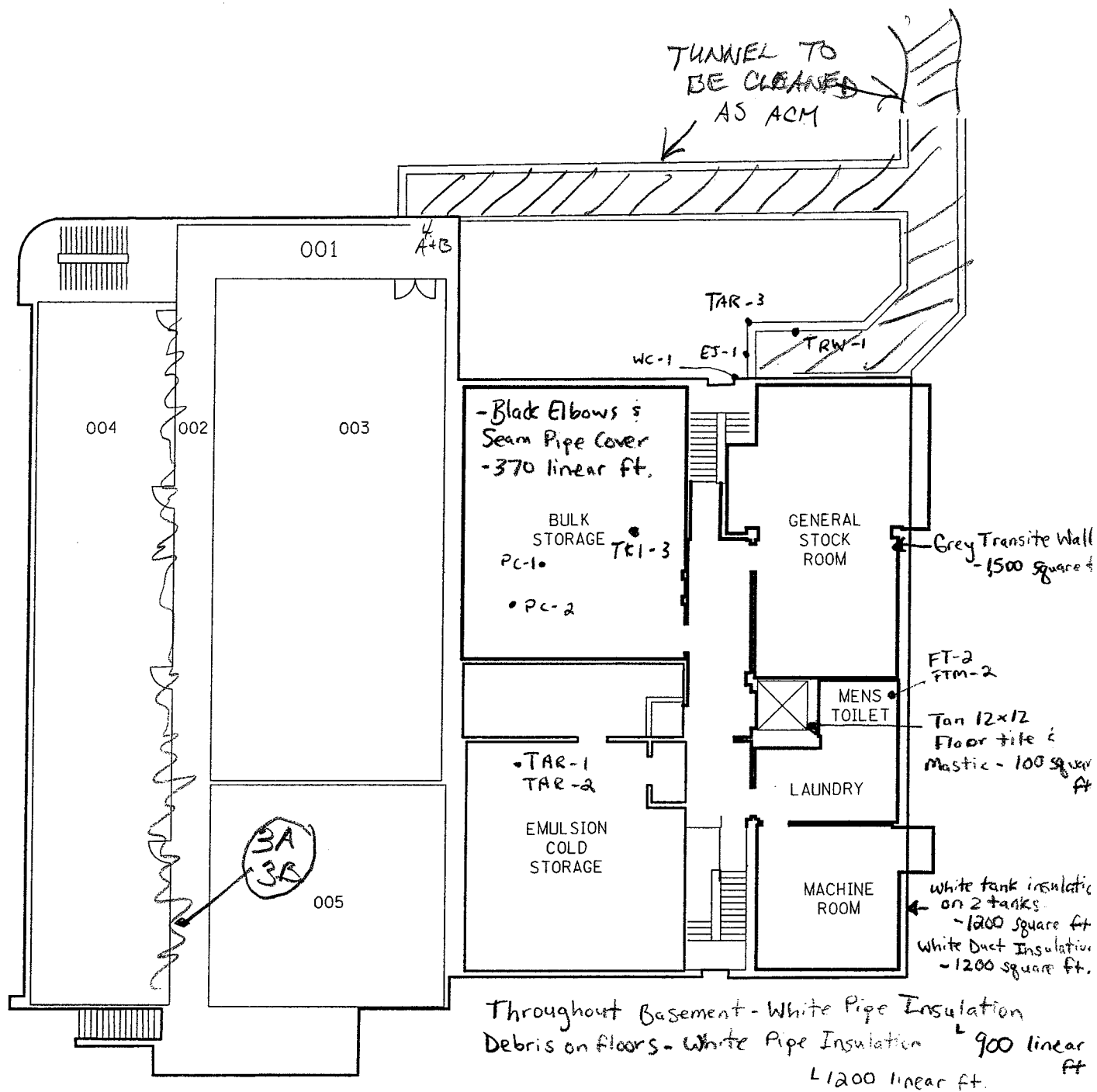
JOB NAME: Photech

ADDRESS: _____

DATE: 10/20/09

B-2

[illegible]

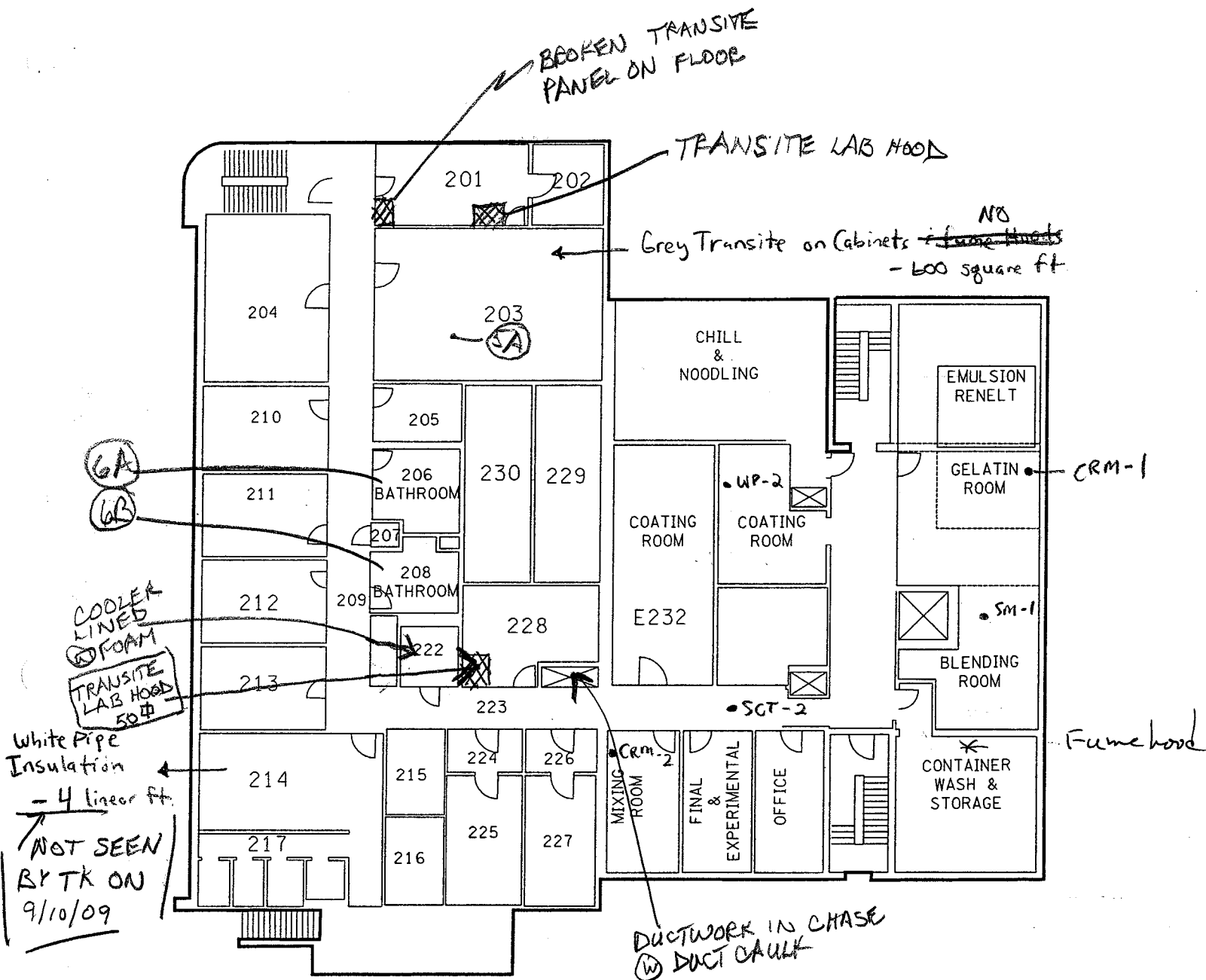


BUILDING #1
R&D
ADDITION
BASEMENT

BUILDING #2
EMULSION
BUILDING
BASEMENT

Storage Area - Black Tank Coating 650 square ft.
Chill Room (under Cork Wall) Black Tar (2 layers)
-4000 square ft.

1" = 20'



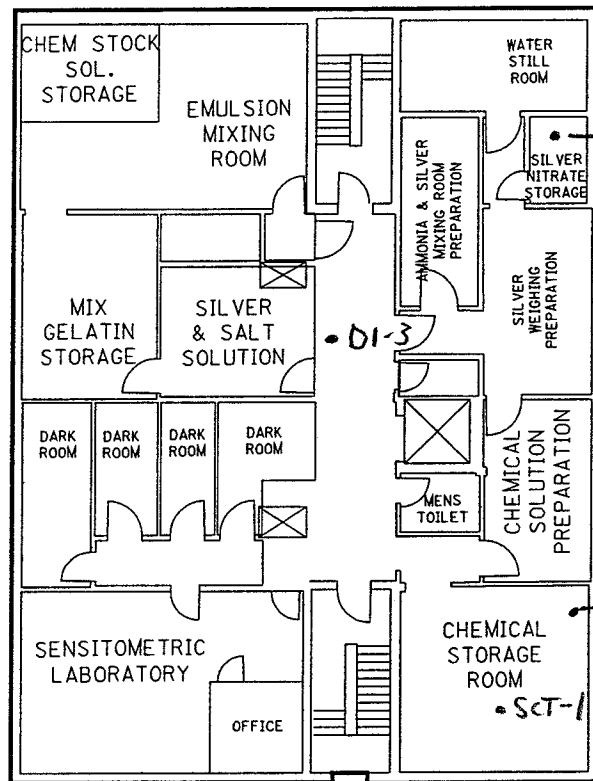
BUILDING #1
R&D
ADDITION
2ND FLOOR

BUILDING #2
EMULSION
BUILDING
2ND FLOOR

ENTIRE 2ND FLOOR
SHOULD BE NOTED AS HAVING
THE POT FOR ASD; CONT.
DUCT CAULK

Throughout 2nd floor - Grey Duct Insulation - 875 sq. ft.
Debris in Corridors & rooms - White Pipe Insulation - 1200 linear ft
Laboratory Rooms - Transite Fume Hood - 80 sq. ft.
Room 227 - Black Sink Mastic - 30 sq. ft.

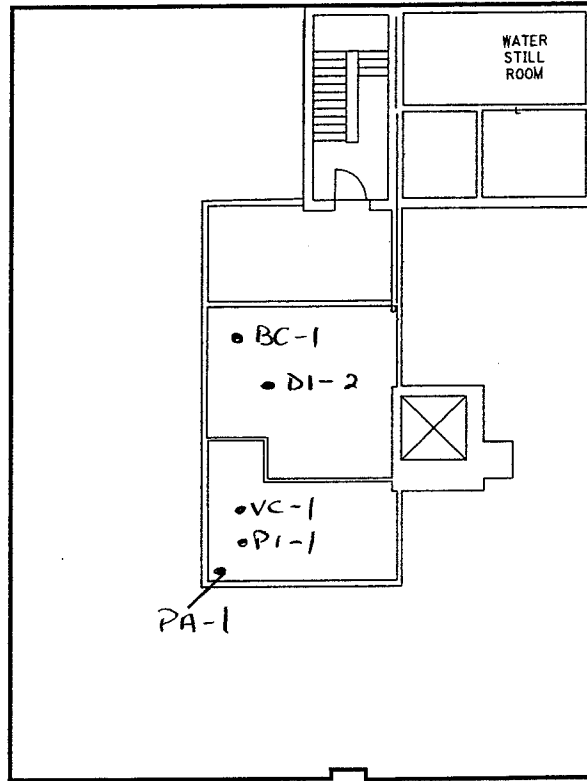
1" = 20'



Throughout 3rd floor - Grey Duct Insulation
 Debris in Corridors & Rooms - White Pipe Insulation
 - 600 sq. ft
 - 1000 linear ft

BUILDING #2
 EMULSION
 BUILDING
 3RD FLOOR

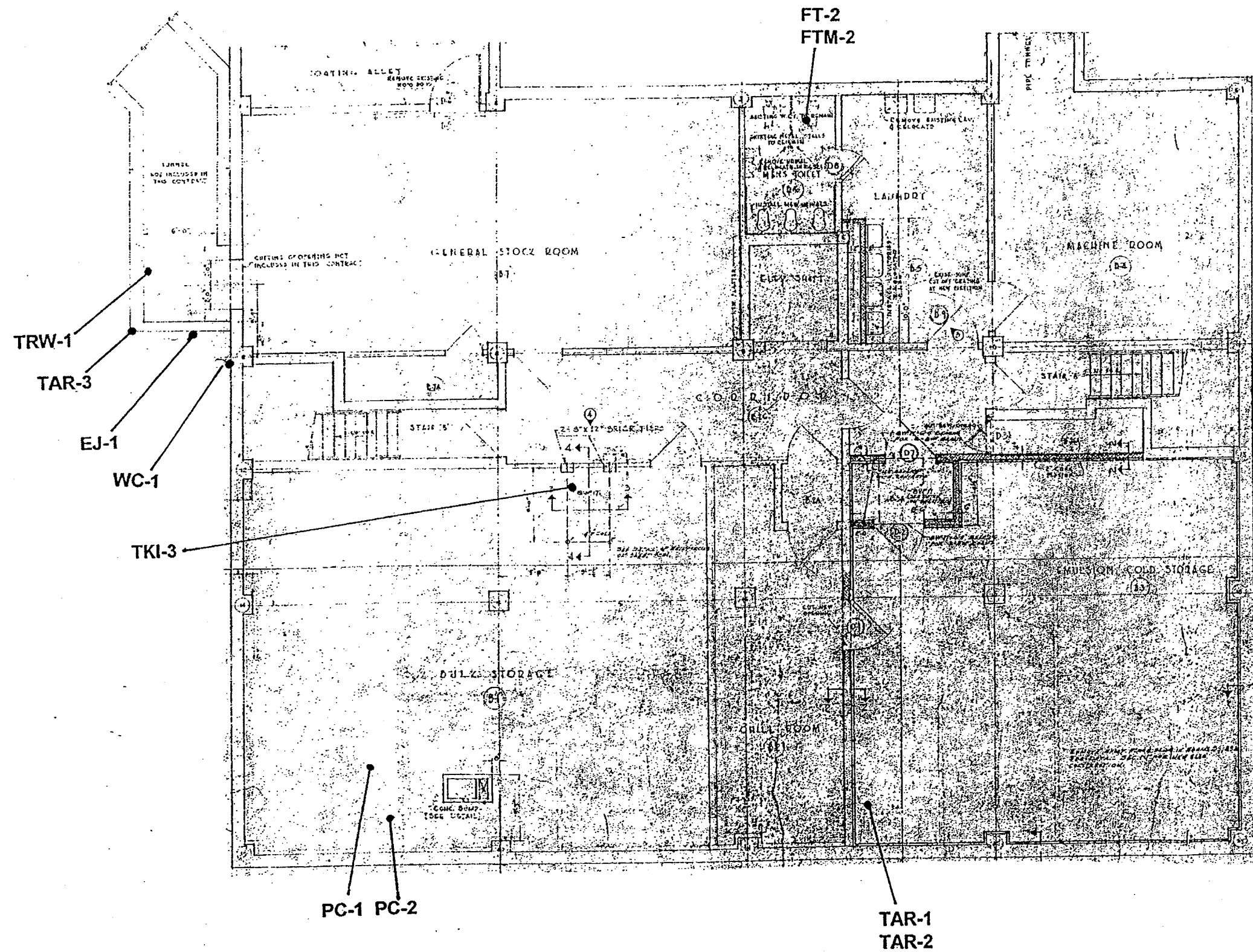
1" = 20'



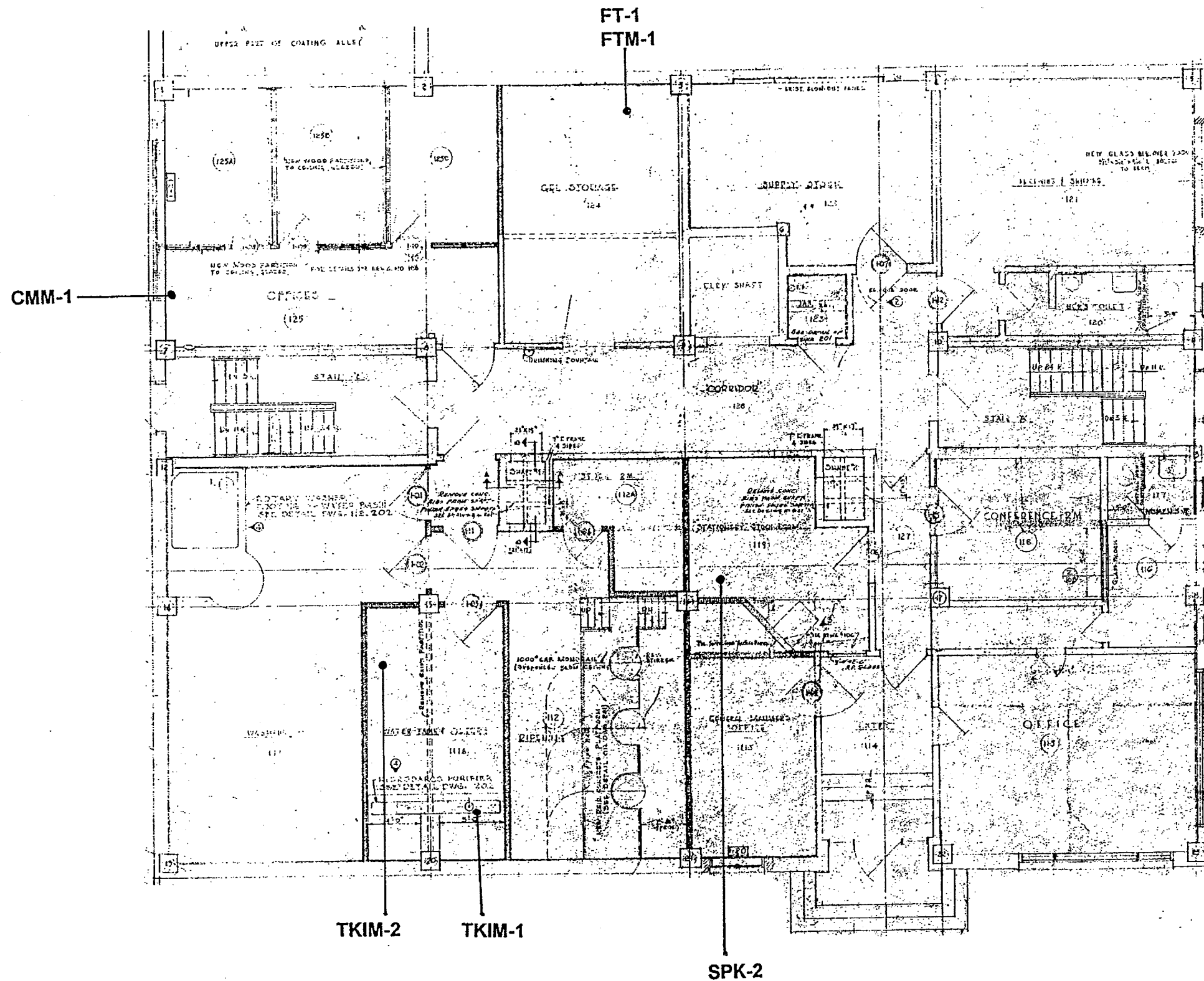
BUILDING #2
EMULSION
BUILDING
4TH FLOOR
PENTHOUSE

White Pipe Insulation - 260 linear ft.
Grey Vibration Cloth - 60 linear ft.
Grey Duct Insulation - 2,800 sq. ft.
Grey Wall Insulation - 30 sq. ft.

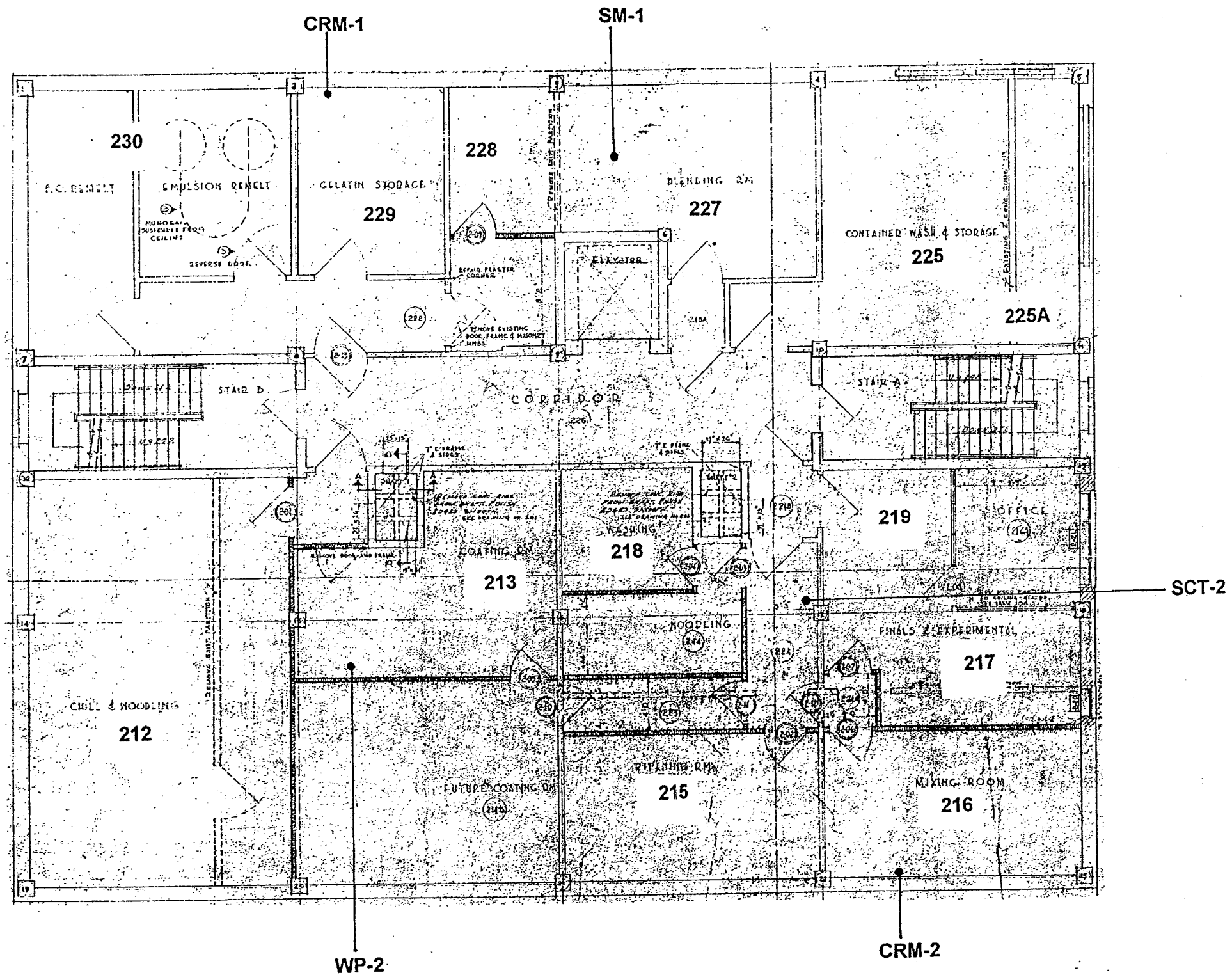
1" = 20'

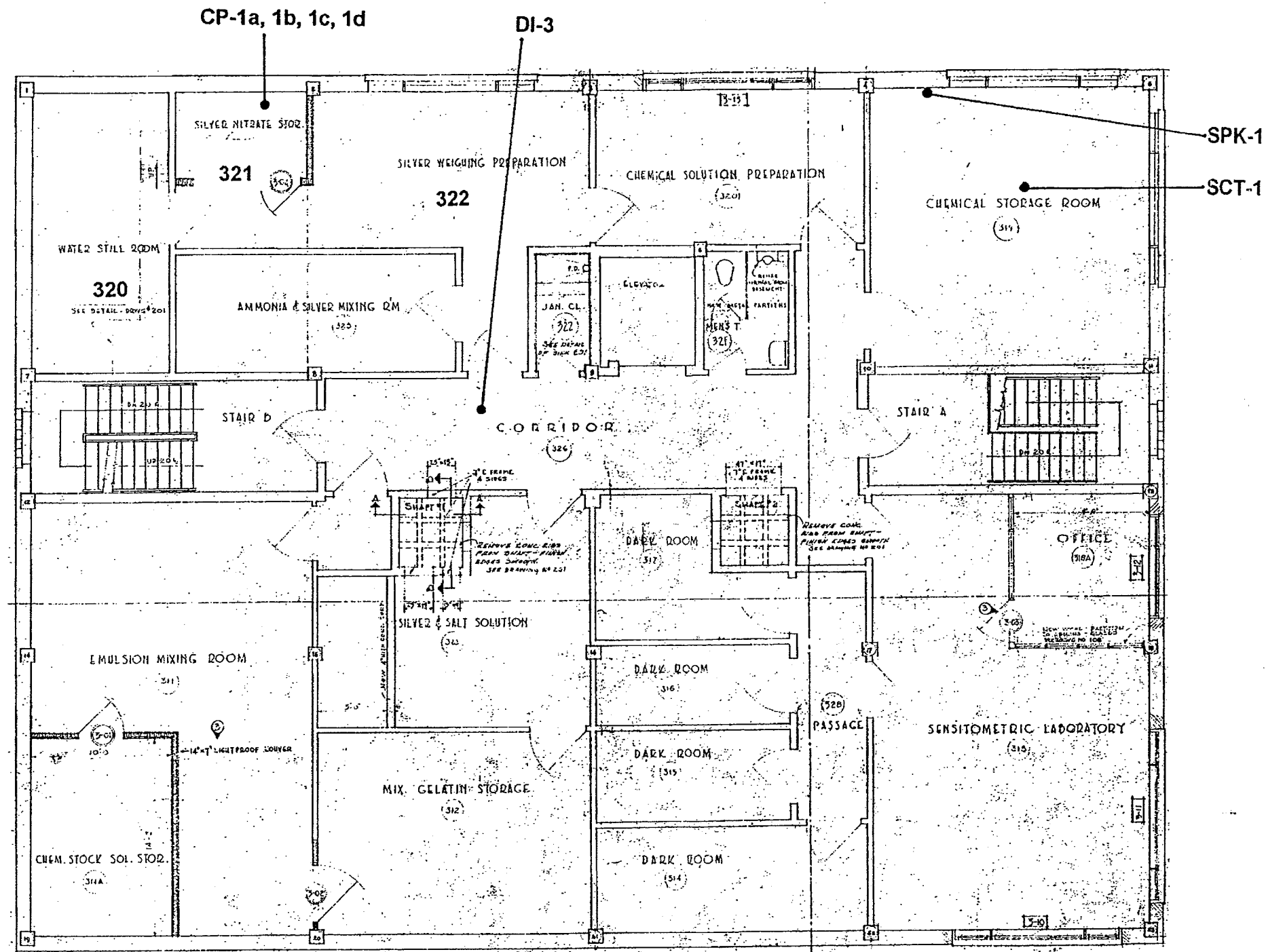


ASBESTOS SAMPLING PLAN
EMULSION BUILDING #2
BASEMENT

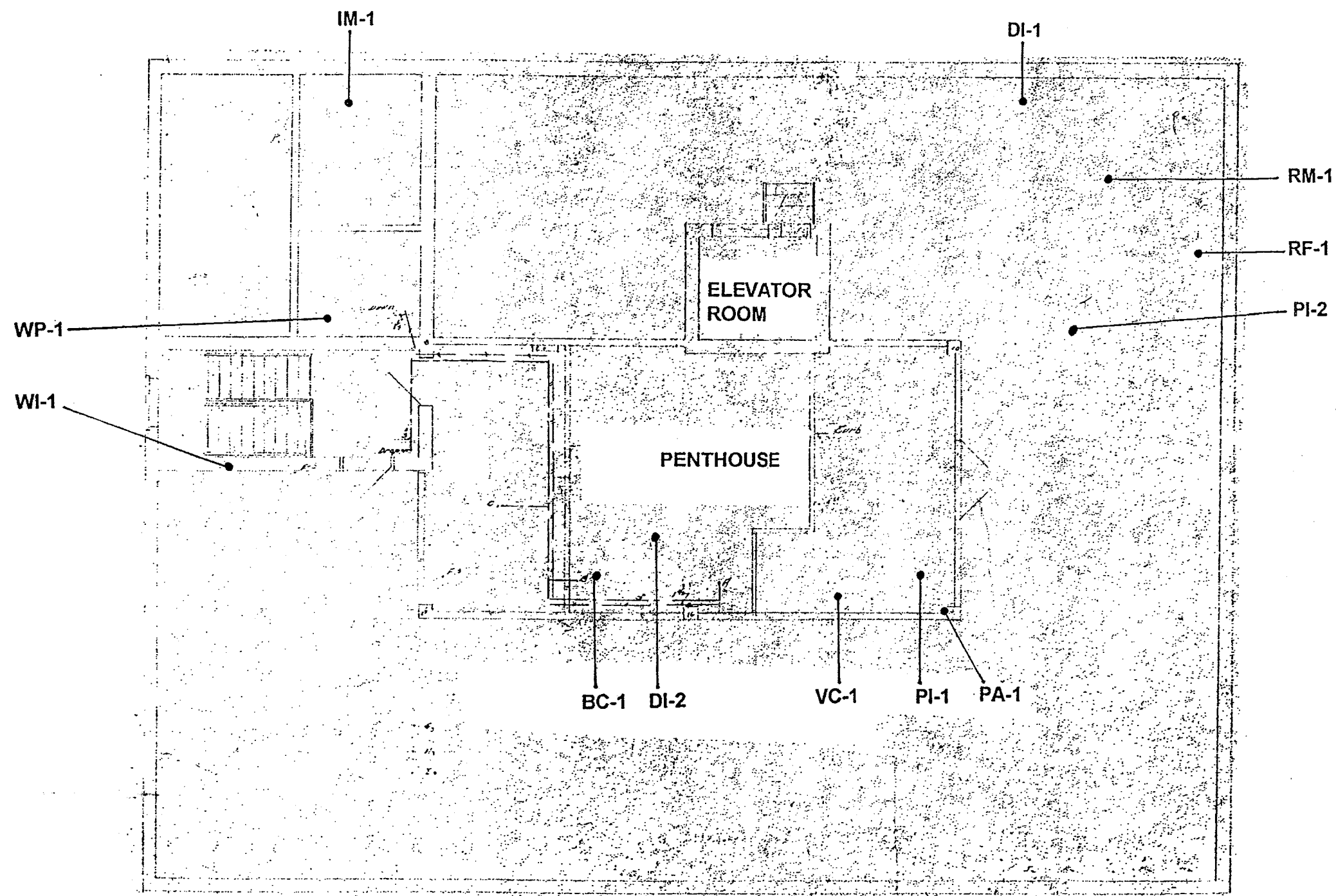


ASBESTOS SAMPLING PLAN
EMULSION BUILDING #2
FIRST FLOOR

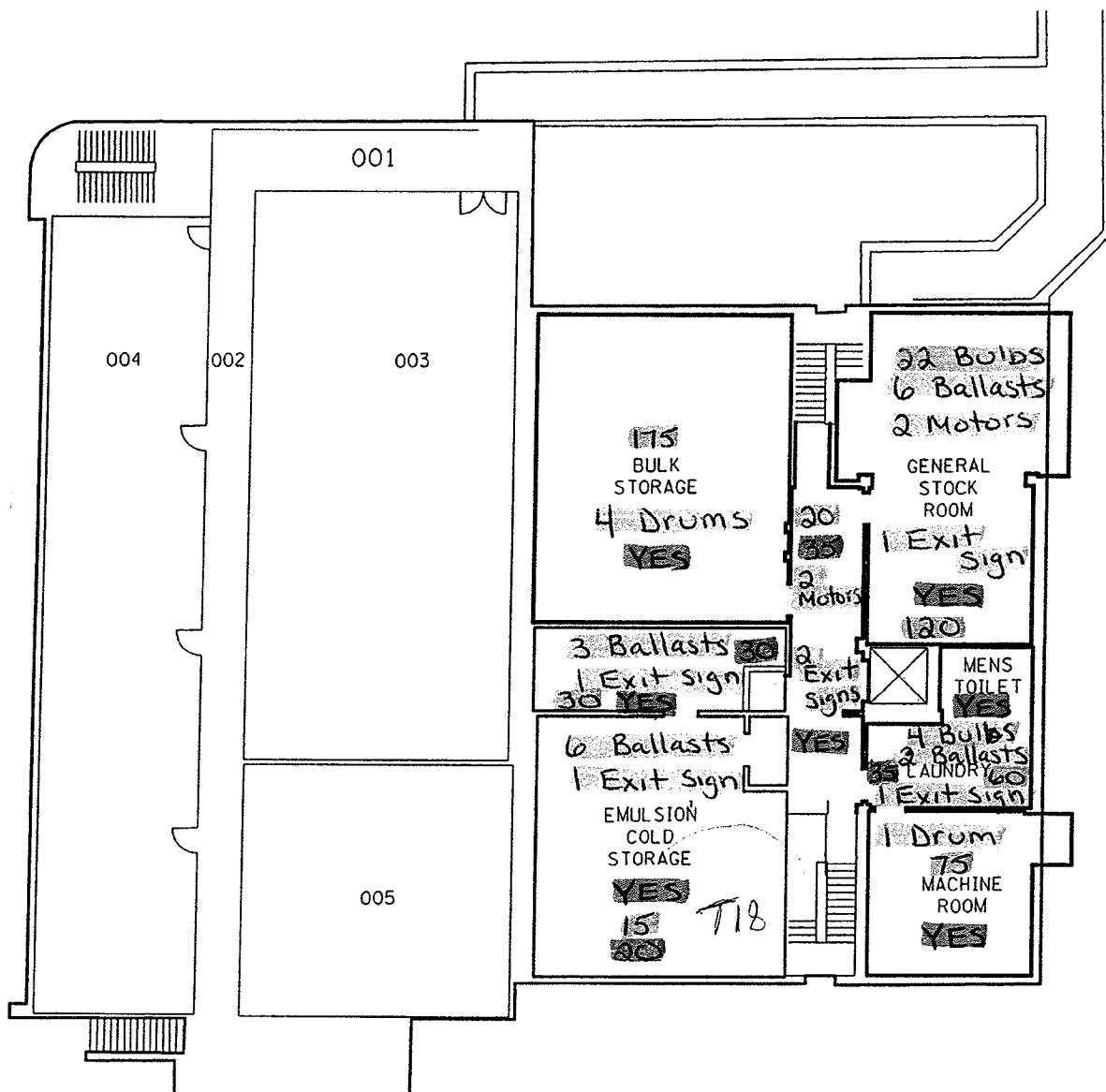




ASBESTOS SAMPLING PLAN
EMULSION BUILDING #2
THIRD FLOOR



ASBESTOS SAMPLING PLAN
EMULSION BUILDING #2
PENT HOUSE & ROOF



Duct	Pipe
B 85	495
1 92	260
2 570	650
3 520	440
P 2800	260
<u>4067</u>	<u>2105</u>

BUILDING #1
R&D
ADDITION
BASEMENT

BUILDING #2
EMULSION
BUILDING
BASEMENT

KEY

Work Area

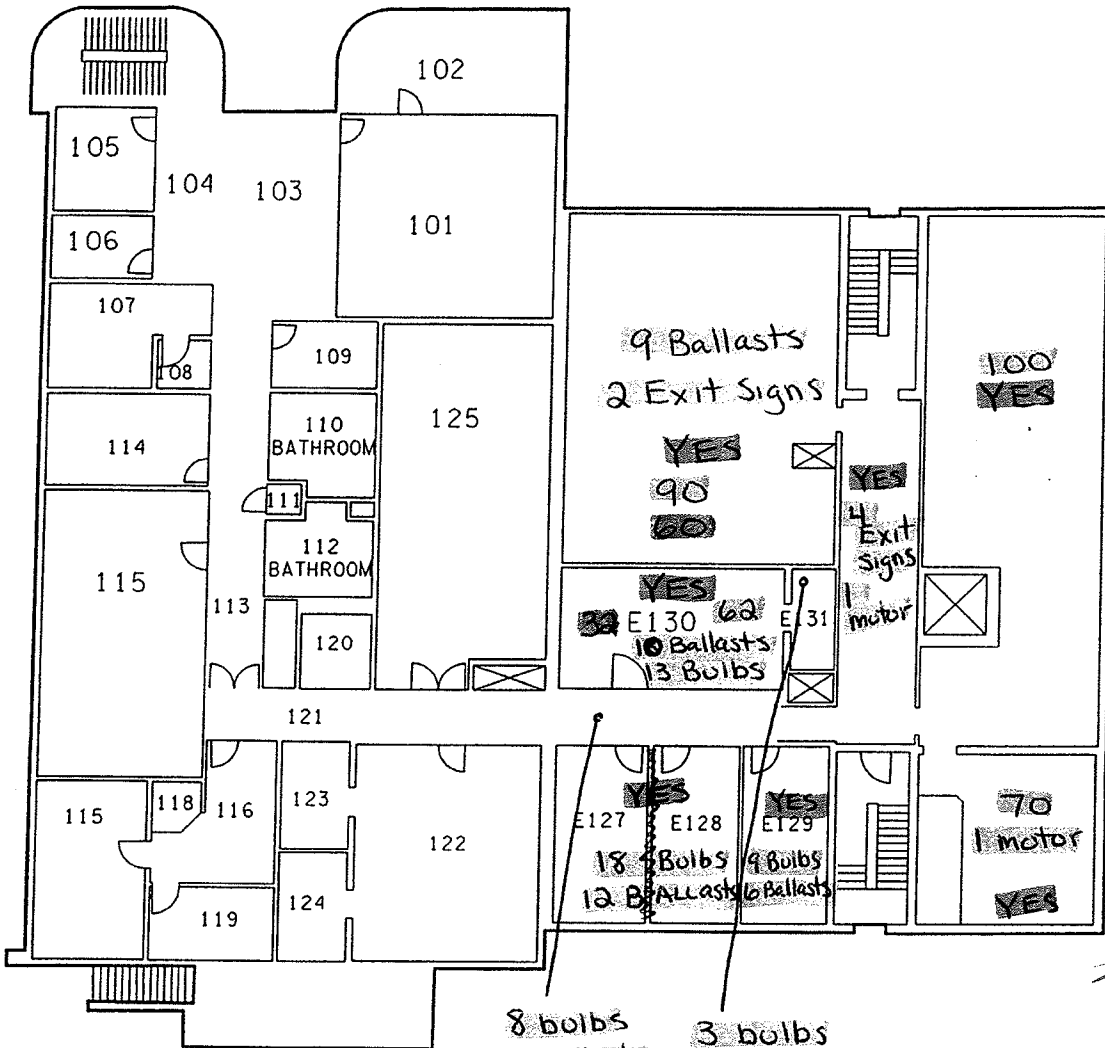
~~Contaminated Areas (YES)~~

~~Environmental Hazards~~
(Bulbs, ballasts, Exit signs, drums)

~~Intact Pipe Insulation~~ Linear Feet

~~Intact Duct Insulation~~ Square Feet

* Elevator doors
are wood.
Floor in elevator
car is wood.
1" = 20'

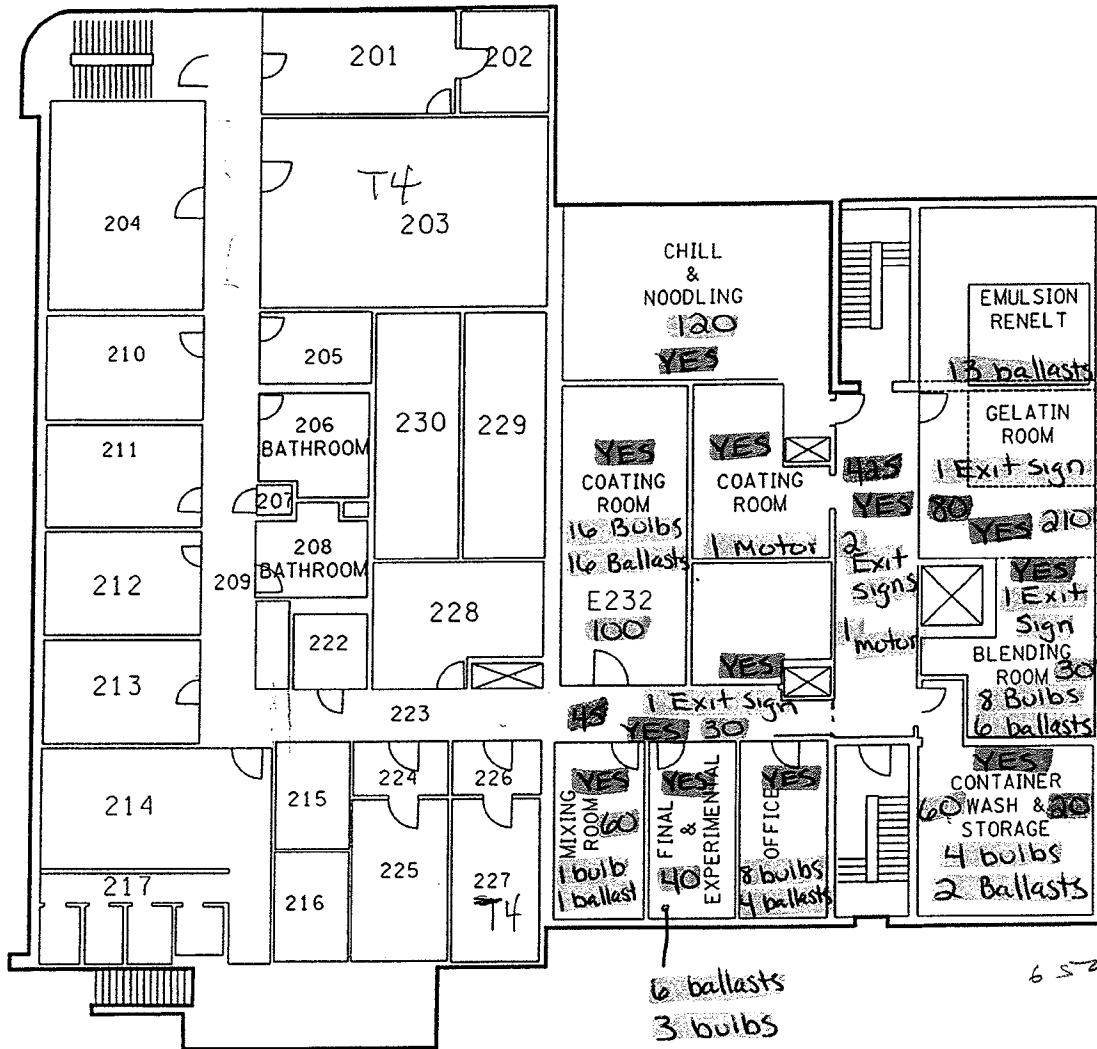


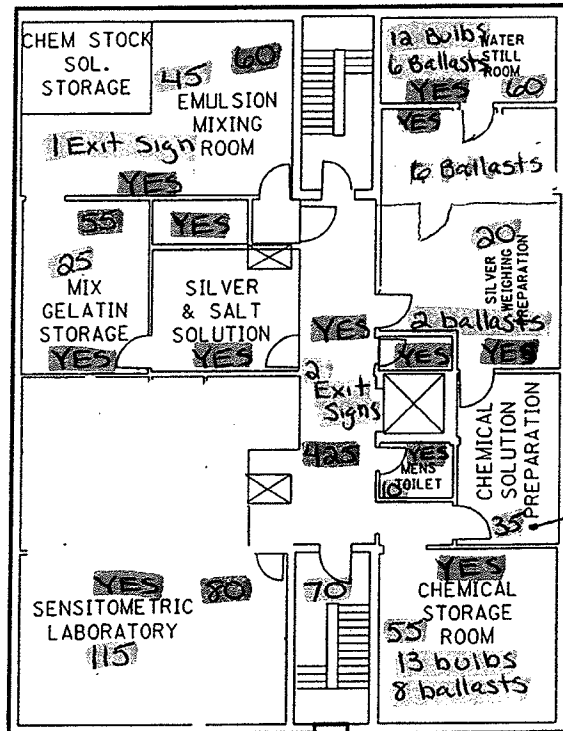
BUILDING #1
R&D
ADDITION
1ST FLOOR

8 bulbs
3 ballasts
1 Exit Sign
YES

3 bulbs
2 Ballasts
YES
BUILDING #2
EMULSION
BUILDING
1ST FLOOR

260

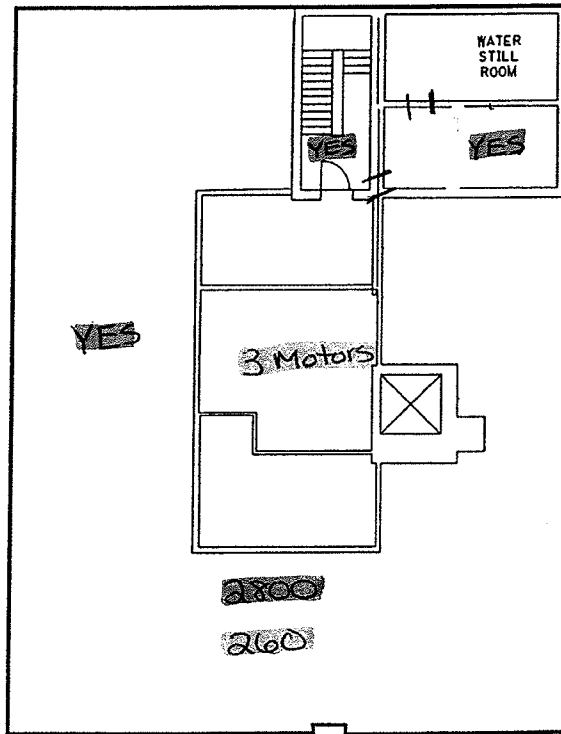




YES
6 Bulbs
4 Ballasts

BUILDING #2
EMULSION
BUILDING
3RD FLOOR

1" = 20'



BUILDING #2
EMULSION
BUILDING
4TH FLOOR
PENTHOUSE

1" = 20'

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
 Location: Former Photech Imaging Systems

Job No: 6610-08
 Page: 1 of 2

Sample Date: 6/10/2008

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
WAC-001	38508	Building 2 Exterior East Side	Gray Wall Caulk	Chrysotile 3%	3%		Not Required	N/A	None Detected	97%
WIC-002	38509	Building 2 Exterior East Side Around Block Windows	Gray Window Caulk	Chrysotile 4%	4%		Not Required	N/A	None Detected	96%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008
 Microscope: Olympus BH-2 #234206
 PLM Analyst: B. Weinman

TEM Date Analyzed: N/A
 TEM Analyst: N/A

Laboratory Results Approved By:
 Asbestos Technical Director

Mary Dohr

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OFFICE USE ONLY

environmental consultants, inc.

445 Lake Avenue, Rochester, NY 14608
585-454-1060 * Fax 585-454-1062

Client: City of Rochester

Contact: *Joseph Biondolillo*

Phone Number: 428-6649

Fax Number:

Client Mailing Address:

Results To: Ted Knapp

31 Church Street

Date Sampled: 6/10/08

Material Type/Quantity:

City Hall Room 300-B

Project Location: *Former Phototech Imaging Systems*

Project Number: 08/0486

General Location: Building 2, Exterior

[illegible]

Sampled By: Ted Knapp

Date: 6/10/08

Transported to Paradigm By: Ted Knapp

Date: 6/10/08

Received By: Julie Dawson Date: 6/11/08

Date: 6/11/08

CHECK ONE:

SURVEY

☒

BULK ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name: Paul Mahoney

TOTAL NUMBER OF SAMPLES IN SURVEY:

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. **(Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)**

BUILDING #3 – GARAGE

Materials Sampled

Grey Duct Caulk
Black Roof Flashing
Black Roof Membrane

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

GROUND FLOOR

✓ Garage White Pipe Insulation 2 linear feet

ROOF

✓ Roof RF-1 Black Roof Flashing 80 square feet
Main Roof, LaBella 52509-2

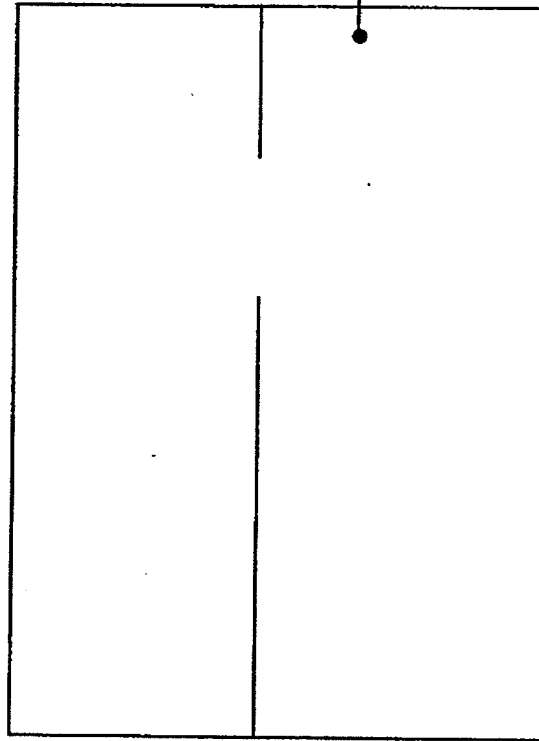
Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

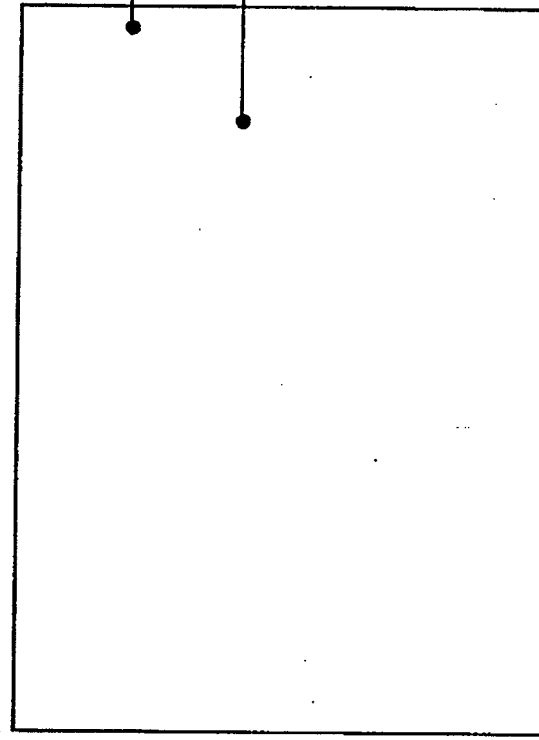
GROUND FLOOR

✓ Garage Grey Duct Caulk Neg by TEM 30 linear feet
LaBella 52509-1

*All quantities are approximations.



GROUND LEVEL

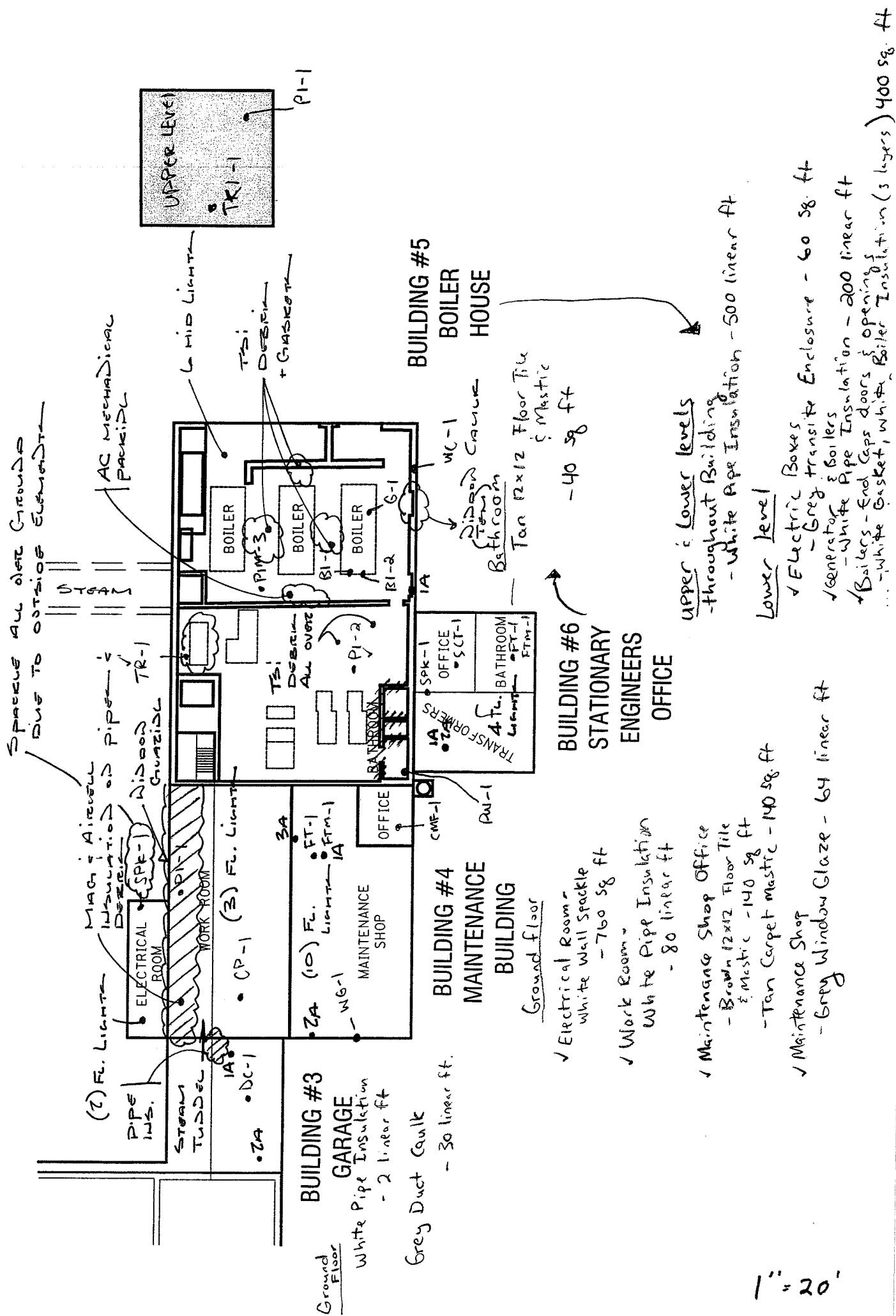


ROOF

ASBESTOS SAMPLING PLAN
GARAGE BUILDING #3

PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1999

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK



1" = 20'

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: Former Phototech Imaging Systems
Building #3 Garage
1000 Driving Park Avenue, Rochester, New York
Sample Date: 04/30/1999

Job Number: 95127

Page Number: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
DC-1	26352	Garage	Grey Duct Caulk	None Detected	0%	*	None Detected	100%
RF-1	26353	Roof Flashing	Black Fibrous Roof Flashing	Chrysotile 18%	18%		Cellulose 20%	62%
RM-1	26354	Roof Field	Black Fibrous Roof Membrane	None Detected	0%	*	Cellulose 30% TEM Neg	70%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 05/05/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:



PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
 Location: Former Photech Imaging Systems
 Building 3, Garage Exterior
 Sample Date: 6/11/2008

Job No: 6665-08
 Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
WAC-001	38871	East Side Around Garage Door	Tan Wall Caulk	Chrysotile 3%	3%		Not Required	N/A	None Detected	97%
WAC-001A	38872	East Side Around Garage Door	Tan Wall Caulk	Chrysotile 4%	4%		Not Required	N/A	None Detected	96%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008

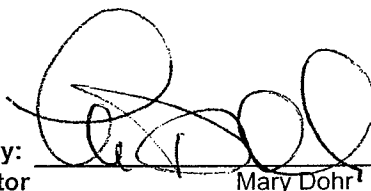
TEM Date Analyzed: N/A

Microscope: Olympus BH-2 #234206

TEM Analyst: N/A

PLM Analyst: B. Weinman

Laboratory Results Approved By:
 Asbestos Technical Director



Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

ENVOY

Environmental consultants, inc.

14 Lake Avenue, Rochester, NY 14608

85-454-1060 * Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: City of Rochester	Contact: Joseph Buondolillo
Phone Number: 428-6649	Fax Number:
Results To: Ted Knapp	Turn Around Time: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Date Sampled: 6/11/08	Material Type/Quantity: Friable NOB TEM
Project Location: Former Phototech Imaging	Project Number: 0810486

General Location: Bldg 3 Garage Exterior		Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	WAC-001	38871		East side, around garage door	Paint	TAN		WAC	N
2	WAC-001A	872		"	"	TAN		WAC	N
3									
4									
5									
6									
7									
8									
9									
10									

Sampled By: C. Enright / G. Mance	Date: 6/11/08
Transported to Paradigm By: C. Enright	Date: 6/11/08
Received By: fsc	Date: 6/12/08

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 2 of 5

				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
CRM-1 B-2	24285	Second Floor Room 229 Wall	Yellow Ceramic Tile Mastic	<1.0%	None Detected
CRM-2 B-2	24288	Second Floor Room 216	Yellow Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-2	24289	First Floor Room 124	Tan 12"x12" Floor Tile	<1.0%	None Detected
FTM-1 B-2	24290	First Floor Room 124	Black Fibrous Floor Tile Mastic from Sample 24289	<1.0%	None Detected
EJ-1 B-2	32551	Exterior - Ground	Black Expansion Joint	<1.0%	None Detected
RM-1 B-3	26354	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-1 B-4	26318	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-A.1 B-7	25229	Roof Field	Black Fibrous Roof Membrane (Layer 1)	<1.0%	None Detected
RM-A.2 B-7	25230	Roof Field	Black Fibrous Roof Membrane (Layer 2)	<1.0%	None Detected
DI-2 B-7	25232	Basement - Coating Room	Tan Fibrous Duct Insulation Mastic	<1.0%	None Detected

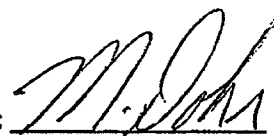
ELAP ID No.: 10984

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method
198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:



525

LBL JOB # 52509

LABELLA PROJECT # 209288 phase 2

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/15/2009

PROJECT LOCATION: Photech - Building #3

[illegible]

Lab Supervisor:

Matt Smith

- Date:

9/15/09

*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing."

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTOTECH - Bldg #3 Client: CITY OF ROCHESTER
Job No.: 209288 / 2 Rates: 20 / 20 / 50
PIN/ BIN: — Sampled by: Mitch Smith
Date: 9/15/09 Relinquished by: Mitch Smith
LaBella Lab No.: 52509 Received by: Matt Smith
Positive Stop Protocol: Yes ☐ No ☐ Number of Samples:

[illegible]

BUILDING #4 – MAINTENANCE SHOP

Materials Sampled

Grey Ceiling Plaster
White Spackle
Tan Carpet Mastic Floor
Brown 12" x 12" Floor Tile
Black Floor Tile Mastic
Grey Window Glaze
Black Roof Flashing
Black Roof Membrane
Grey Roof Decking
White Pipe Insulation

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

GROUND FLOOR

*Black Joint Caulk
Gray Wall Caulk - Paradigm 6666-08*

✓ Electric Room	White Wall Spackle	760	square feet
✓ Work Room	White Pipe Insulation	80	linear feet

ROOF

✓ Roof	Black Roof Flashing	200	square feet
--------	---------------------	-----	-------------

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

GROUND FLOOR

Neg LaBella 50009-1+3

✓ Maintenance Shop Office	Brown 12" x 12" Floor Tile & Mastic	140	square feet
	Tan Carpet Mastic	140	square feet
✓ Maintenance Shop	Grey Window Glaze	64	linear feet

Pos LaBella 50009-2

*All quantities are approximations.

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #4 - Maintenance Shop
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/30/1999**

Job Number: **95122**
Page Number: **1 of 1**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
CP-1	26311	Work Room	Grey Ceiling Plaster	None Detected	0%		Cellulose 8%	92%
SPK-1	26312	Electric Room	White Fibrous Spackle	Chrysotile 8%	8%		Cellulose 5%	87%
CMF-1	26313	Office	Tan Carpet Mastic Floor	None Detected	0%	*	None Detected	100%
FT-1	26314	Maintenance Shop	Brown 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-1	26315	Maintenance Shop	Black Floor Tile Mastic from Sample 26314	None Detected	0%	#	None Detected	100%
WG-1	26316	Maintenance Shop	Grey Fibrous Window Glaze	None Detected	0%	*	Wollastonite 10%	90%
RF-1	26317	Roof Flashing	Black Fibrous Roof Flashing	Chrysotile 15%	15%		Cellulose 50%	35%
RM-1	26318	Roof Field	Black Fibrous Roof Membrane	None Detected	0%	*	Cellulose 60% TEM Neg	40%
RD-1	26319	Roof Decking	Grey Fibrous Roof Decking	None Detected	0%		Cellulose 15%	85%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

<1.0% of sample remained after matrix reduction. TEM analysis is not required or necessary.

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **05/07/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Steve Lee**

Laboratory Results Approved By: 

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: Former Phototech Imaging Systems
Building #4 - Maintenance Shop
1000 Driving Park Avenue, Rochester, New York
Sample Date: 05/21/1999

Job Number: 95923
Page Number: 1 of 1


Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PI-1	32198	Work Room	White Fibrous Pipe Insulation	Chrysotile 80%	80%		Cellulose 10%	10%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: 05/21/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:



PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 2 of 5

				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
CRM-1 B-2	24285	Second Floor Room 229 Wall	Yellow Ceramic Tile Mastic	<1.0%	None Detected
CRM-2 B-2	24288	Second Floor Room 216	Yellow Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-2	24289	First Floor Room 124	Tan 12"x12" Floor Tile	<1.0%	None Detected
FTM-1 B-2	24290	First Floor Room 124	Black Fibrous Floor Tile Mastic from Sample 24289	<1.0%	None Detected
EJ-1 B-2	32551	Exterior - Ground	Black Expansion Joint	<1.0%	None Detected
RM-1 B-3	26354	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-1 B-4	26318	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-A.1 B-7	25229	Roof Field	Black Fibrous Roof Membrane (Layer 1)	<1.0%	None Detected
RM-A.2 B-7	25230	Roof Field	Black Fibrous Roof Membrane (Layer 2)	<1.0%	None Detected
DI-2 B-7	25232	Basement - Coating Room	Tan Fibrous Duct Insulation Mastic	<1.0%	None Detected

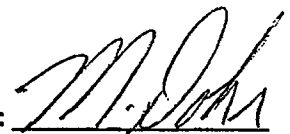
ELAP ID No.: 10984

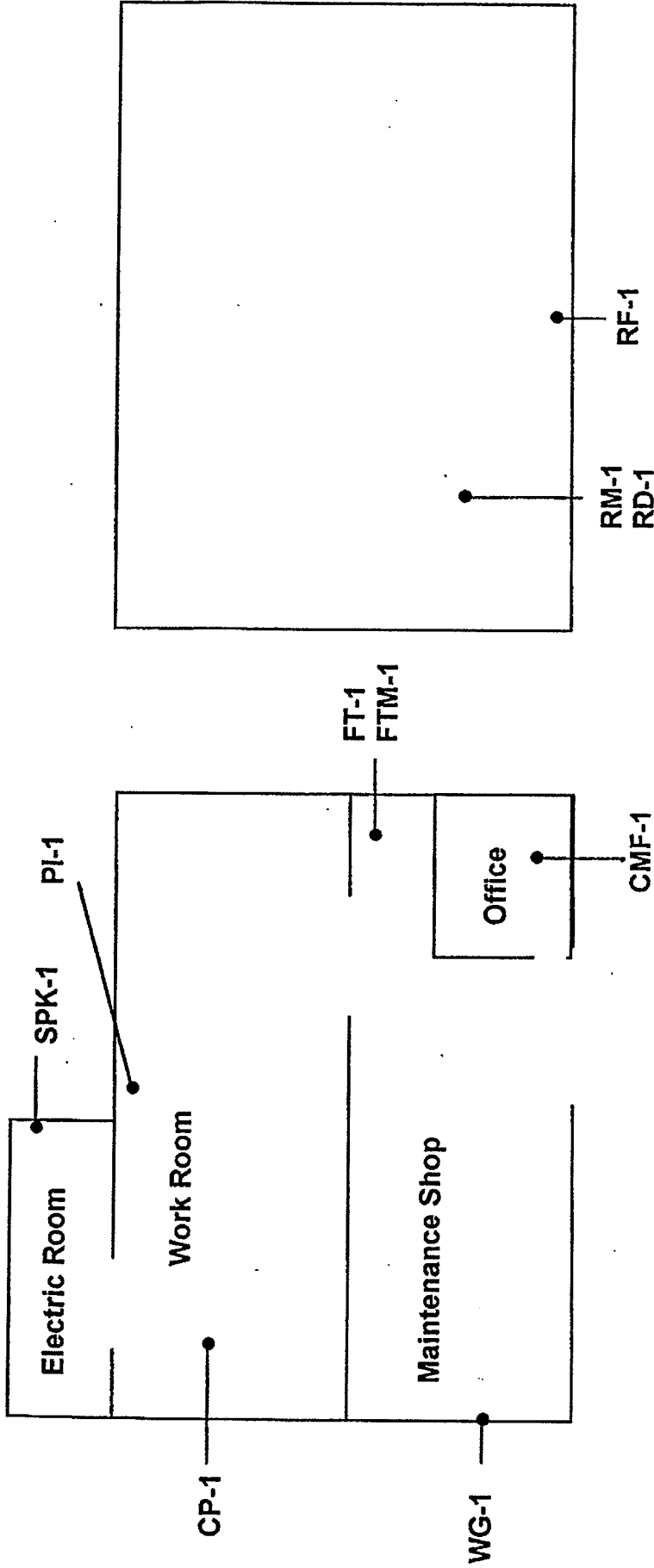
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method
198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:





ASBESTOS SAMPLING PLAN
MAINTENANCE BUILDING #4

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
 Location: Former Phototech Imaging Systems
 Building 4, Exterior
 Sample Date: 6/11/2008

Job No: 6666-08
 Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
WAC-001	38873	East Wall	Gray Wall Caulk	Chrysotile 9%	9%		Not Required	N/A	None Detected	91%
WAC-001A	38874	East Wall	Gray Wall Caulk	Chrysotile 7%	7%		Not Required	N/A	None Detected	93%
WAC-002	38875	East Wall	Gray Wall Caulk	Chrysotile 7%	7%		Not Required	N/A	None Detected	93%
WAC-002A	38876	East Wall	Gray Wall Caulk	Chrysotile 6%	6%		Not Required	N/A	None Detected	94%
EXJ-003	38877	East Wall	Black Expansion Joint	Chrysotile 7%	7%		Not Required	N/A	None Detected	93%
EXJ-003A	38878	East Wall	Black Expansion Joint	Chrysotile 5%	5%		Not Required	N/A	None Detected	95%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008
 Microscope: Olympus BH-2 #233173
 PLM Analyst: F. Childs

TEM Date Analyzed: N/A
 TEM Analyst: N/A

Laboratory Results Approved By:
 Asbestos Technical Director

Mary Dohr

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CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

ENVOY

Environmental consultants, inc.

14 Lake Avenue, Rochester, NY 14608

35-454-1060 * Fax 585-454-1062

Client Mailing Address:

30 Church St, Room 300-B

Rochester NY 14614

Client:

City of Rochester

Phone Number:

438-6649

Results To:

Ted Knapp

Date Sampled:

6/11/08

Project Location:

Former Photo Imaging

Contact:

Joseph Buondelillo

Fax Number:

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB TEM

Project Number:

0810486

Job #:

6666-08

Page

2 of 2

Date Logged In:

6/12/08

Logged In By:

ASC

General Location: Bldg 4, Exterior

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	WAC-001	38873 East wall	Paint	GRY		WAC	N
2	WAC-001A	874 "	Paint	GRY		WAC	N
3	WAC-003	875 "	BIK	GRY		WAC	N
4	WAC-003A	876 "	BIK	GRY		WAC	N
5	EXT-003	877 "		BIK		EXT	N
6	EXT-003A	878 "		BIK		EXT	N
7							
8							
9							
10							

Sampled By:

C. Enright/G. Mance

Date:

6/11/08

Transported to Paradigm By:

C. Enright

Date:

6/11/08

Received By:

ASC

Date:

6/12/08

CHECK ONE:

SURVEY

☒

BULKS ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY:

33

Co-located materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

500

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTEC - Bldg #4 Client: CITY OF ROCHESTER
Job No.: 209288 / 2 Rates: 20 / 20 / 50
PIN/ BIN: — Sampled by: Mitch Smith
Date: 9/10/09 Relinquished by: Mitch Smith
LaBella Lab No.: 50009 Received by: Matt Smith
Positive Stop Protocol: Yes ☐ No ☒ Number of Samples:

[illegible]

PLM & TEM BULK ASBESTOS REPORT

Client: **City of Rochester**
 Location: Former Phototech Imaging
 Building 4, Exterior
 Sample Date: 6/11/2008

Job No: 6667-08
 Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
WIC-004	38879	Westside Windows	Gray Window Caulk	Chrysotile 6%	6%		Not Required	N/A	None Detected	94%
WIG-005	38880	Westside Windows	Tan Window Glaze	None Detected	0%		Not Required	N/A	None Detected	100%
WIG-005A	38881	Westside Windows	Tan Window Glaze	None Detected	0%		Not Required	N/A	None Detected	100%
TAR-006	38882	Westside Shed	Black Fibrous Tar	Chrysotile 12%	12%	√	Not Required	N/A	None Detected	88%
TAR-006A	38883	Westside Shed	Black Fibrous Tar	Chrysotile 15%	15%	√	Not Required	N/A	None Detected	85%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

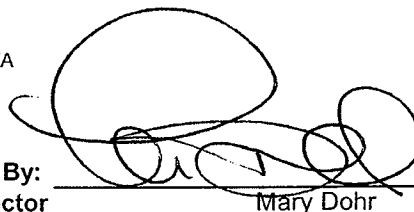
√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008
 Microscope: Olympus BH-2 #234206
 PLM Analyst: B. Weinman

TEM Date Analyzed: N/A
 TEM Analyst: N/A

Laboratory Results Approved By:
 Asbestos Technical Director



Mary Dohr

ENVOY

Environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

5-454.1060 * Fax 585.454.1062

Client Mailing Address:

30 Church St, Room 300-B

Rochester NY 14614

Client:

City of Rochester

Phone Number:

438-6649

Results To:

Ted Knapp

Date Sampled:

6/11/08

Project Location:

Former Phototech Imaging

Contact:

Joseph Brundolillo

Fax Number:

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB TEM

Project Number:

08/0486

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Job #:

6667-08

Page

2 of 2

Date Logged In:

6/12/08

Logged In By:

ASC

General Location: Bldg 4 Exterior

	Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	WIC-004	38879	Westside Windows	Paint	GRY		WIC	2
2	WIC-005	880	"	"	TAN		WIC	2
3	WIC-005A	881	"	"	TAN		WIC	2
4	AR-006	882	Westside Shed	"	BLK		TAR	2
5	AR-006A	883	"	"	BLK		TAR	2
6								
7								
8								
9								
10								

Sampled By:

C. Enright / G. Mance

Date:

6/11/08

Transported to Paradigm By:

C. Enright

Date:

6/11/08

Received By:

ASC

Date:

6/12/08

BULKS ONLY

SURVEY

CHECK ONE:

☒

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY:

33

Contaminized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

BUILDING #5 – POWER PLANT

Materials Sampled

Black Pipe Wrap
White Pipe Insulation
Grey Transite
White Gasket
White Boiler Insulation
White Window Caulk
Black Roof Flashing
Black Roof Membrane
Brown Tank Insulation
Tan Pipe Insulation Mastic on Foam

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

UPPER & LOWER LEVELS

✓ Throughout Building	White Pipe Insulation	500	linear feet
-----------------------	-----------------------	-----	-------------

LOWER LEVEL

✓ Electric Boxes	Grey Transite Enclosure	60	square feet
✓ Generator and Boilers	White Pipe Insulation	200	linear feet
✓ Boilers-End Caps Doors & Openings	White Gasket, White Boiler Insulation (3 Layers)	400	square feet

ROOF

✓ Roof	Black Roof Membrane	2,400	square feet
	Black Roof Flashing	200	square feet

Window Glazing Label 50109-1

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

LOWER LEVEL

✓ Boiler Room	White Window Caulk	112	linear feet
---------------	--------------------	-----	-------------

*All quantities are approximations.

**The Cooling Tower on the roof was not sampled as the tower is structurally unsafe.

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #5 - Power Plant
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/30/1999**

Job Number: **95126**

Page Number: **1 of 1**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PW-1	26342	Tunnel to Building 5	Black Fibrous Pipe Wrap	Chrysotile 7%	7%		Mineral Wool 10%	83%
PI-1	26343	Upper Level	White Fibrous Pipe Insulation	Chrysotile 10% Amosite 20%	30%		Cellulose 15%	55%
TR-1	26344	Lower Level - Electric Box Enclosure	Grey Fibrous Transite	Chrysotile 35%	35%		None Detected	65%
PI-2	26345	Lower Level - Generator	White Fibrous Pipe Insulation	Chrysotile 10% Amosite 20%	30%		None Detected	70%
G-1	26346	Boiler Room - Boiler	White Fibrous Gasket	Chrysotile 80%	80%		None Detected	20%
BI-1	26347	Boiler Room - Boiler End Caps	White Fibrous Boiler Insulation	Chrysotile 55%	55%		None Detected	45%
BI-2	26348	Boiler Room - Boiler End Caps	White Fibrous Boiler Insulation	Chrysotile 35%	35%		None Detected	65%
WC-1	26349	Boiler Room - Window	White Window Caulk	None Detected	0%	*	None Detected	100%
RF-1	26350	Roof Flashing	Black Fibrous Roof Flashing	Chrysotile 15%	15%		Cellulose 40%	45%
RM-1	26351	Roof Field	Black Fibrous Roof Membrane	Chrysotile 3%	3%		Cellulose 65%	32%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **05/07/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Steve Lee**

Laboratory Results Approved By: 

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Job Number: 95925

Page Number: 1 of 1

[illegible]

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Laboratory Results Approved By:

File ID: Photech.XLS

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: Brownfield Restoration Group, LLC
Location: Former Photek Imaging Systems
 Building #5 - Power Plant
 1000 Driving Park Avenue, Rochester, New York
Sample Date: 06/16/1999

Job Number: 97196

Page Number: 1 of 1

[illegible]

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

***Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.**

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

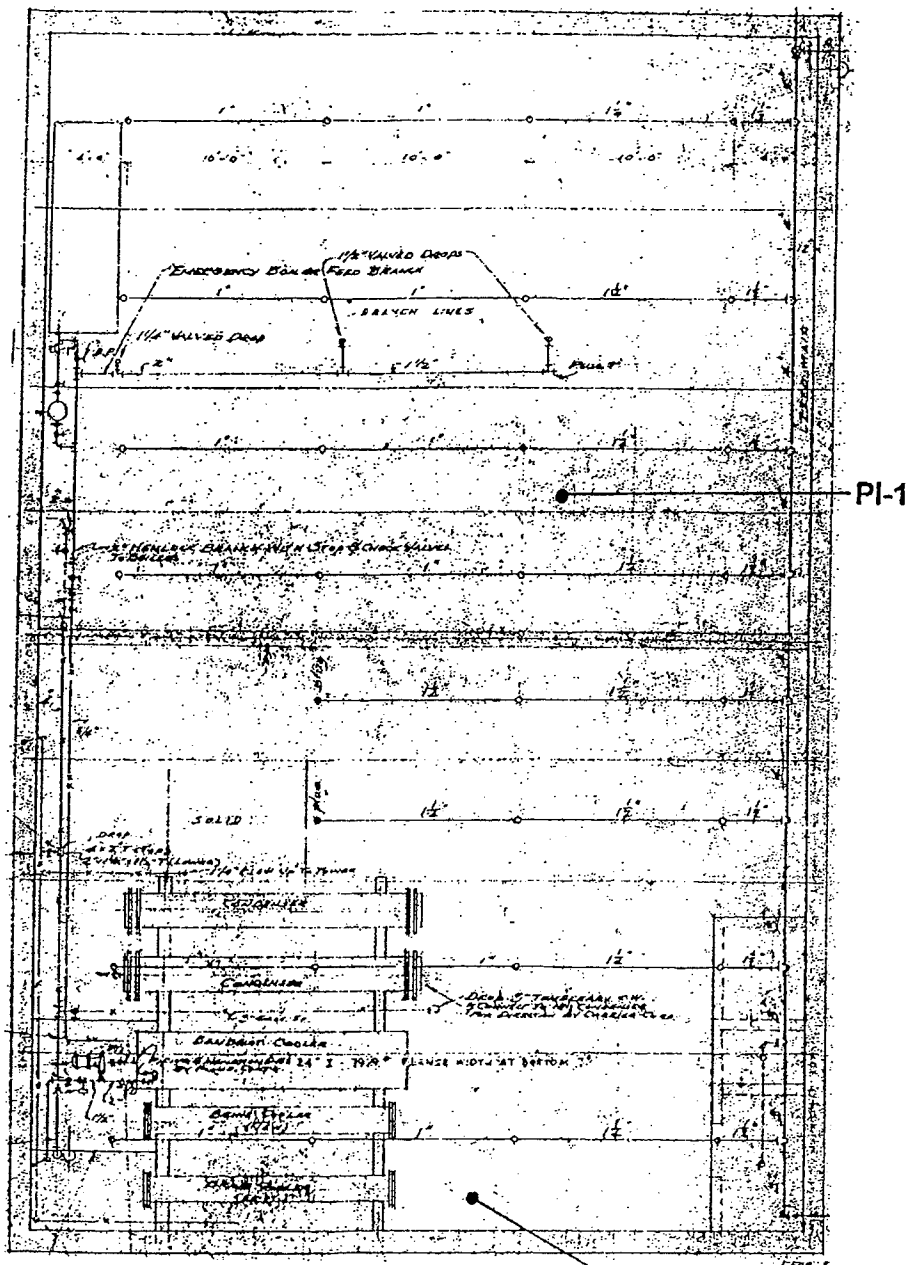
Date Analyzed: 06/21/1999
Microscope: Olympus BH-2 #232953
Analyst: Mary Dohr

Laboratory Results Approved By:

File ID: Photech.XLS

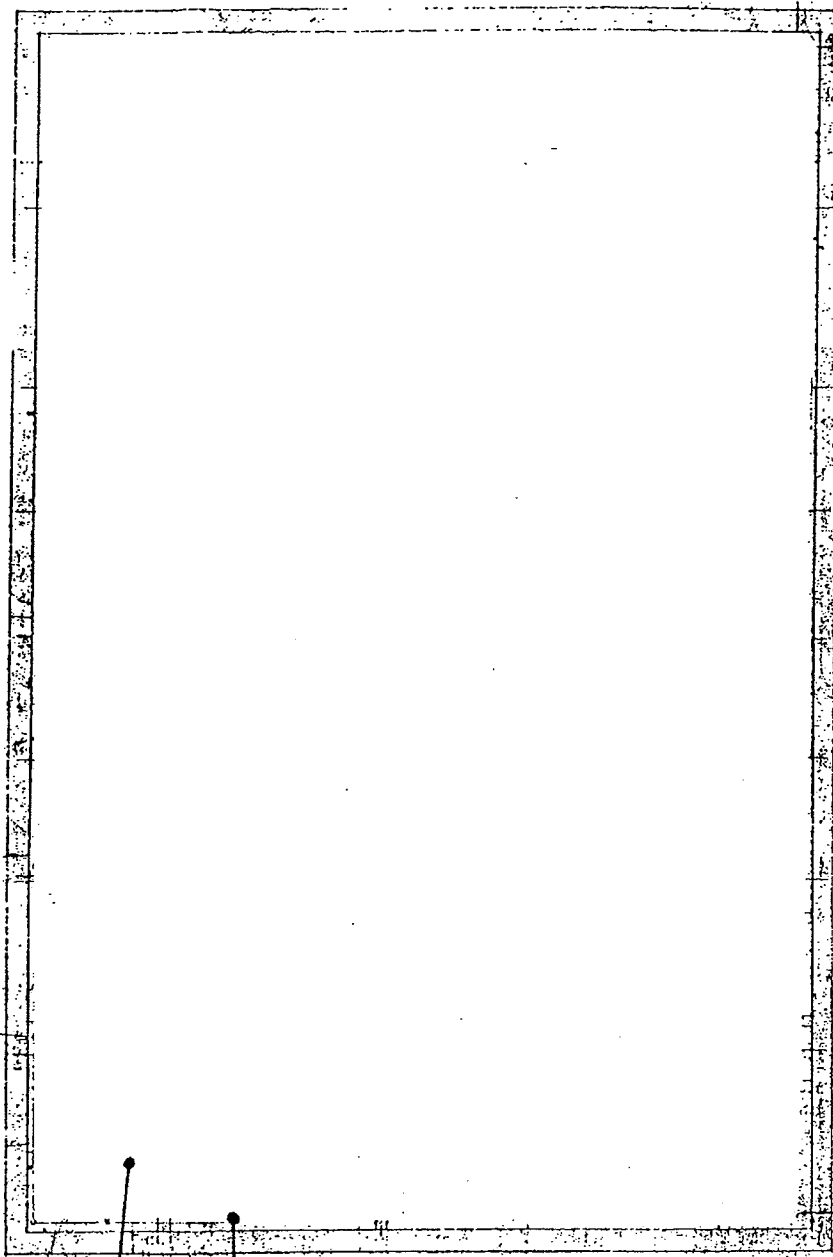


PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1999



UPPER LEVEL

ASBESTOS SAMPLING PLAN POWER PLANT #5



RM-1

RF-1

ROOF
Power Plant
B-5

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK



PLM & TEM BULK ASBESTOS REPORT

Job No: 6668-08
Page: 1 of 2

NVLAP[®]

ELAP ID No.: 10958

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

TEM Date Analyzed: N/A
TEM Analyst: N/A

Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

0000 00.00 0/10/2000

ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585.454.1060 * Fax 585.454.1062

Client Mailing Address:

30 Church St, Room 300-B

Rochester NY 14614

Client:

City of Rochester

Phone Number:

428-6649

Results To:

Ted Knapp

Date Sampled:

6/11/08

Project Location:

Former Phototech Imaging

Contact:

Joseph Buondolillo

Fax Number:

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB TEM

Project Number:

080486

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Job #:

6668-08

Page

2 of 2

Date Logged In:

6/12/08

Logged In By:

ase

General Location: Bldg 5 Exterior

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	TRN-001	38884 Roadway east of Bldg 5	Blk Paint	GRY		TRN	N
2							
3							
4							
5							
6							
7							
8							
9							
10							

Sampled By:

C. Enright / C. Mance

Date:

6/11/08

Transported to Paradigm By:

C. Enright

Date:

6/11/08

Received By:

ase

Date:

6/12/08

CHECK ONE:

SURVEY

☒

BULKS ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY:

33

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

501

LBL JOB # 50109

TEM ELAP # 10920

ABELLA PROJECT # 209288 phase 2

CLIENT: Labella Associates, PC

ADDRESS: 300 State Street

Rochester, NY 14614

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/10/2009

PROJECT LOCATION: Photech - Building #5

PLM Method EPA 600/M4/82/020

Lab Supervisor:

Matt Smith

Date:

9/14/09

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTEC - Bldg # 11 Client: CITY OF ROCHESTER
Job No.: 209288 / 2 Rates: 20 / 20 / 50
PIN/ BIN: — Sampled by: Mitch Smith
Date: 9 / 10 / 09 Relinquished by: Mitch Smith
LaBella Lab No.: 50109 Received by: Matt Smith
Positive Stop Protocol: Yes ☐ No ☐ Number of Samples:

[illegible]

BUILDING #6 – ENGINEERING OFFICE

Materials Sampled

White/Grey 2' x 4' Ceiling Tile

White Spackle

Tan 12" x 12" Floor Tile

Black Floor Tile Mastic

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

ROOF

✓ Roof	Black Roof Field	700	square feet
	Black Roof Flashing	150	square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

GROUND FLOOR

✓ Bathroom	Tan 12" x 12" Floor Tile & Mastic	40	square feet
------------	-----------------------------------	----	-------------

*Both neg by TEM
LaBella 50209-1+2*

*All quantities are approximations.

**Roof field and flashing are identical to Building 5.

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #6 - Engineering Office
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/30/1999**

Job Number: **95123**

Page Number: **1 of 1**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
SCT-1	26320	Office	White/Grey Fibrous 2' x 4' Ceiling Tile	None Detected	0%		Cellulose 25% Mineral Wool 25%	50%
SPK-1	26321	Office	White Fibrous Spackle	None Detected	0%		None Detected	100%
FT-1	26322	Bathroom	Tan 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-1	26323	Bathroom	Black Floor Tile Mastic from Sample 26322	None Detected	0%	*	None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

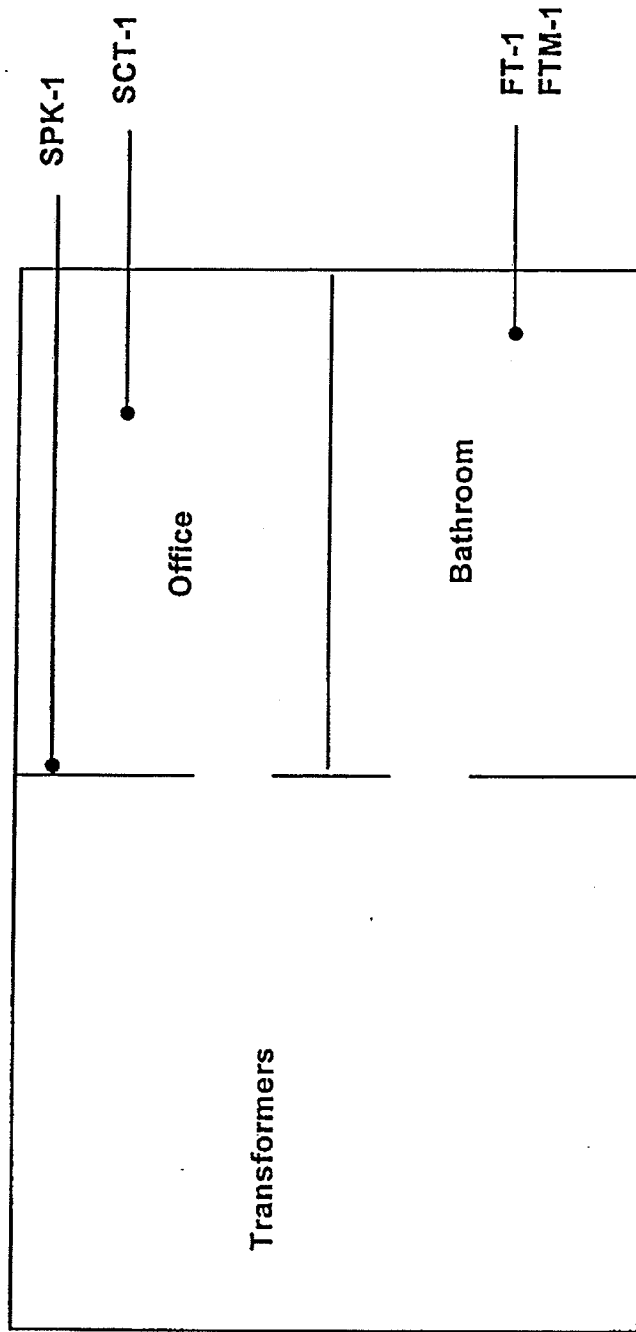
*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **05/06/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Steve Lee**

Laboratory Results Approved By:



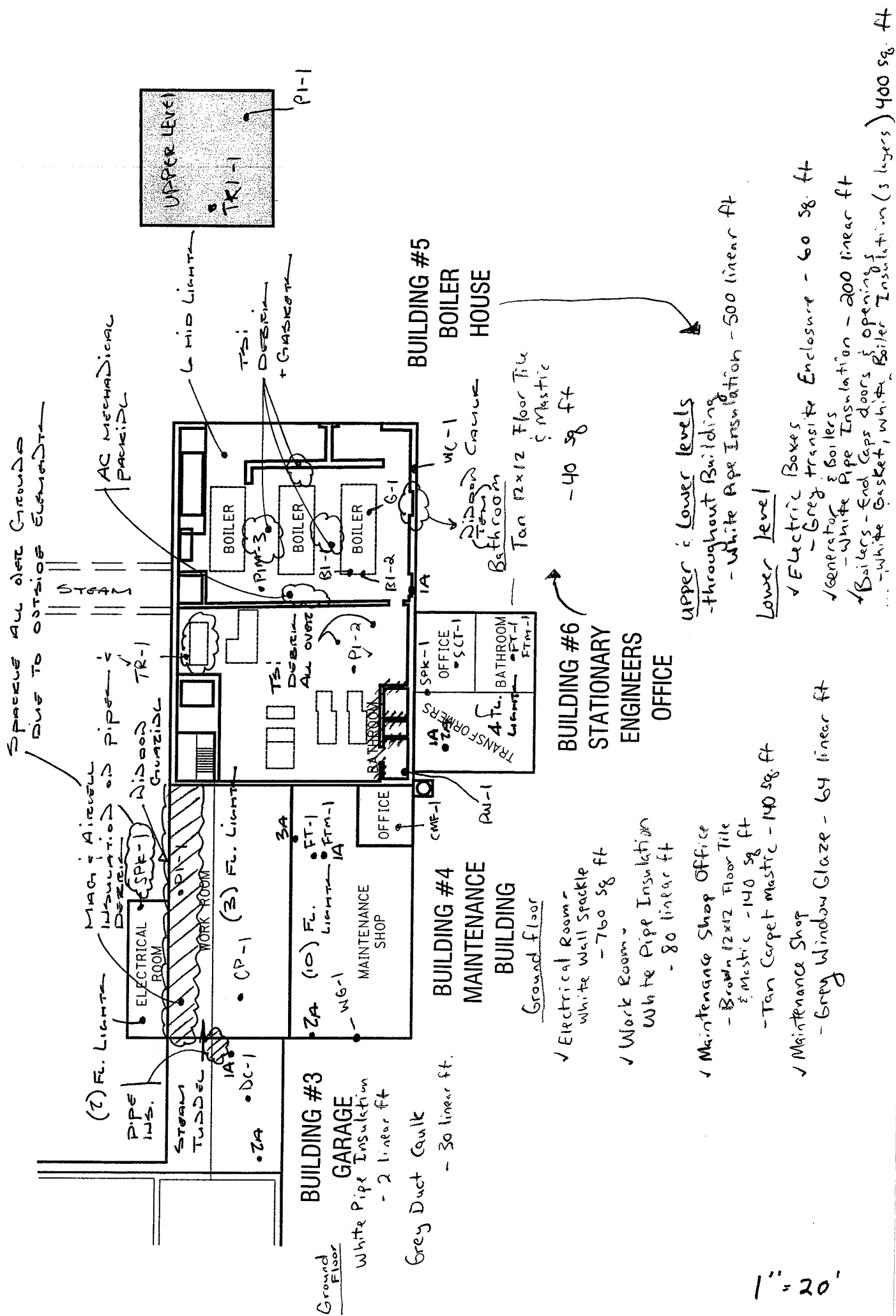


GROUND LEVEL

ASBESTOS SAMPLING PLAN
ENGINEERING OFFICE BUILDING #6

PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1999

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTEC IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK



1" = 20'

502

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTOTECH - Bldg #6 Client: CITY OF ROCHESTER
Job No.: 209288 / 2 Rates: 20/20/50
PIN/ BIN: — Sampled by: Mitch Smith
Date: 9/10/09 Relinquished by: Mitch Smith
LaBella Lab No.: 50209 Received by: Matt Smith
Positive Stop Protocol: Yes ☐ No ☐ Number of Samples:

[illegible]



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

Client: City of Rochester
Location: Former Phototech Imaging Systems
 Building 6, Exterior
Sample Date: 6/11/2008

Page: 1 of 2

NVLAP[®]

Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 (“Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.”).

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 6/16/2008

TEM Date Analyzed: 6/17/2008

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Childs

PLM Analyst: *F. Childs*

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory

6669-08.xls 6/17/2008

ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585.454.1060 * Fax 585.454.1062

Client Mailing Address:

30 Church St, Room 300-B

Rochester NY 14614

Client:

City of Rochester

Phone Number:

428-6649

Results To:

Ted Knapp

Date Sampled:

6/11/08

Project Location:

Former Phototech Imaging

Contact:

Joseph Brondolillo

Fax Number:

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB TEM

Project Number:

08/0486

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Job #:

6669-08

Page

2 of 2

Date Logged In:

6/12/08

Logged In By:

ase

General Location:

Bldg 6, Exterior

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	WIC-001	38885 around window	Foam	GRY		WIC	2
2	WIC-001A	886 "	"	GRY		WIC	2
3							
4							
5							
6							
7							
8							
9							
10							

Sampled By:

C. Enright/C. Mance

Date:

6/11/08

Transported to Paradigm By:

C. Enright

Date:

6/11/08

Received By:

ase

Date:

6/12/08

CHECK ONE:

☒ SURVEY

☐ BULKS ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY:

33

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

BUILDING #9 KATHABAR

• MJP-1
DRAIN TO
BE
LOCATED
BY OWNER

TKIM-A.1
TKIM-A.2

TKIM-1

TA2-1

D-2

COATING
AND CHILL
ROOM

PM-1

SV-1
SUM-1
FT-1
ETM-1

**BUILDING #7
COATING ALLEY**
CP-1
CP-2
CMM-1

PM-2

BUILDING #10
• MJP-1

COATING MACHINE AND DRY ALLEY

WINDING
ROOM

Ground level
Kathabar - white Pipe Insulation
- 50 linear ft

Tank - Tan tank Insulation Mastix - 270 sq. ft.

Basement

- Throughout Basement
- white Pipe Insulation (Intact) - 200 linear ft
- white pipe Insulation (Debris)

Ground floor

Tan Room - Grey Duct Insulation - 180 sq. ft
- White Pipe Insulation - 10 linear ft

Mezzanine

Coating Alley - Grey Sheet Vinyl over tan 9x9 Floor Tile (2 layers) - 2600 sq. ft
- Brown Cove Molding Mastix - 360 linear ft
- Black Pipe Wrap - 10 year ft.
- Tan Pipe Insulation Mastix 200 linear ft.

1" = 20'

BUILDING #7 – COATING ALLEY

Materials Sampled

Grey Duct Insulation
White Pipe Insulation
Black Roof Flashing
Black Roof Membrane
Black Asphalt Siding
Tan Duct Insulation Mastic
Grey Sheet Vinyl
Black Sheet Vinyl Mastic
Tan 9" x 9" Floor Tile
Black Floor Tile Mastic
Tan Tank Insulation Mastic
Black/Silver Tar Paper
Brown Cove Molding Mastic
White Ceiling Plaster
Black Pipe Wrap
Tan Pipe Insulation Mastic

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

BASEMENT

Throughout Basement	White Pipe Insulation (Intact) and White Pipe Insulation (Debris on Floors)	200	linear feet
---------------------	--	-----	-------------

GROUND FLOOR

Fan Room	Grey Duct Insulation	180	square feet
	White Pipe Insulation	10	linear feet

MEZZANINE

Coating Alley	Grey Sheet Vinyl over Tan 9" x 9" Floor Tile (2 Layers)	2,600	square feet
	Brown Cove Molding Mastic	360	linear feet
	Black Pipe Wrap	10	linear feet

ROOF

Roof	Black Roof Flashing	550	square feet
------	---------------------	-----	-------------

EXTERIOR

Siding	Black Asphalt Siding	4,300	square feet
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Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

BASEMENT

Tank	Tan Tank Insulation Mastic	270	square feet
------	----------------------------	-----	-------------

MEZZANINE

Coating Alley	Tan Pipe Insulation Mastic	200	linear feet
---------------	----------------------------	-----	-------------

*All quantities are approximations.

BUILDING# 7 – COATING ALLEY

Total Asbestos Containing Materials:

Pipe Insulation	210	linear feet
Duct Insulation	180	square feet
Sheet Vinyl & Floor Tile	2,600	square feet
Cove Molding Mastic	360	linear feet
Pipe Wrap	10	linear feet
Roof Flashing	550	square feet
Asphalt Siding	4,300	square feet

Total Materials to be *Treated* as Asbestos Containing:

Tank Insulation Mastic	270	square feet
Pipe Insulation Mastic	200	linear feet

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #7 - Coating Alley
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/26/1999**

Job Number: 94960

Page Number: 1 of 2

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
DI-1	25226	Ground Floor - Fan Room	Grey Fibrous Duct Insulation	Chrysotile 80%	80%		Cellulose 5%	15%
PI-1	25227	Ground Floor - Fan Room	White Fibrous Pipe Insulation	Chrysotile 5% Amosite 15%	20%		Mineral Wool 5%	75%
RF-1	25228	Roof Flashing	Black Fibrous Roof Flashing	Chrysotile 15%	15%		Cellulose 45%	40%
RM-A.1	25229	Roof Field	Black Fibrous Roof Membrane (Layer 1)	None Detected	0%	*	Cellulose 55% <i>TEM Neg</i>	45%
RM-A.2	25230	Roof Field	Black Fibrous Roof Membrane (Layer 2)	None Detected	0%	*	Cellulose 50% Mineral Wool 5% <i>TEM Neg</i>	45%
AS-1	25231	Exterior	Black Fibrous Asphalt Siding	Chrysotile 16%	16%		Cellulose 45%	39%
DI-2	25232	Basement - Coating Room	Tan Fibrous Duct Insulation Mastic	None Detected	0%	*	Cellulose 60% <i>TEM Neg</i>	40%
SV-1	25233	Mezzanine - Cooling Alley	Grey Fibrous Sheet Vinyl (Layer 1)	Chrysotile 60%	60%		Cellulose 10%	30%
SVM-1	25234	Mezzanine - Cooling Alley	Black Sheet Vinyl Mastic from Sample 25233	None Detected	0%	*	None Detected	100%
FT-1	25235	Mezzanine - Cooling Alley	Tan Fibrous 9" x 9" Floor Tile (Layer 2)	Chrysotile 15%	15%		None Detected	85%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 04/27/1999
Microscope: Olympus BH-2 #232953
Analyst: Steve Lee

Laboratory Results Approved By: 

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #7 - Coating Alley
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/26/1999**

Job Number: **94960**

Page Number: **2 of 2**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
FTM-1	25236	Mezzanine - Coating Alley	Black Floor Tile Mastic from Sample 25235	None Detected	0%	*	None Detected	100%
TKIM-1	25237	Basement - Tank	Tan Tank Insulation Mastic	None Detected	0%	*	None Detected	100%
TAR-1	25238	Mezzanine - Coating Alley Behind Plaster	Black/Silver Fibrous Tar Paper	None Detected	0%	*	Cellulose 35% Synthetic 20% <i>TEM Neg</i>	45%
CMM-1	25239	Mezzanine - Coating Alley	Brown Cove Molding Mastic	None Detected	0%	*	None Detected	100%
CP-1	25240	Mezzanine - Coating Alley	White Ceiling Plaster (Layer 1)	None Detected	0%		None Detected	100%
CP-2	25241	Mezzanine - Coating Alley	Grey Ceiling Plaster (Layer 2)	None Detected	0%		None Detected	100%
PW-1	25242	Mezzanine - Coating Alley	Black Fibrous Pipe Wrap	Chrysotile 2%	2%		Cellulose 45%	53%
PIM-2	25243	Mezzanine - Coating Alley	Tan Pipe Insulation Mastic	None Detected	0%	*	None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **04/27/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Steve Lee**

Laboratory Results Approved By: 

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 2 of 5

				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
CRM-1 B-2	24285	Second Floor Room 229 Wall	Yellow Ceramic Tile Mastic	<1.0%	None Detected
CRM-2 B-2	24288	Second Floor Room 216	Yellow Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-2	24289	First Floor Room 124	Tan 12"x12" Floor Tile	<1.0%	None Detected
FTM-1 B-2	24290	First Floor Room 124	Black Fibrous Floor Tile Mastic from Sample 24289	<1.0%	None Detected
EJ-1 B-2	32551	Exterior - Ground	Black Expansion Joint	<1.0%	None Detected
RM-1 B-3	26354	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-1 B-4	26318	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-A.1 B-7	25229	Roof Field	Black Fibrous Roof Membrane (Layer 1)	<1.0%	None Detected
RM-A.2 B-7	25230	Roof Field	Black Fibrous Roof Membrane (Layer 2)	<1.0%	None Detected
DI-2 B-7	25232	Basement - Coating Room	Tan Fibrous Duct Insulation Mastic	<1.0%	None Detected

ELAP ID No.: 10984

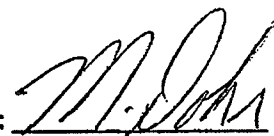
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:



**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 3 of 5

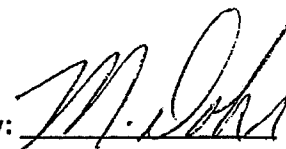
				TEM Analysis	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
TAR-1 B-7	25238	Mezzanine - Coating Alley Behind Plaster	Black/Silver Fibrous Tar Paper	<1.0%	None Detected
RM-1 B-9	25192	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
TKIM-A.1 B-9	25193	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 1)	<1.0%	None Detected
TKIM-A.2 B-9	25194	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 2)	<1.0%	None Detected
RM-1 B-10	24189	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
CTM-1 B-11	26327	Basement Men's Shower	Black Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-11	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	<1.0%	None Detected
FTM-1 B-11	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	<1.0%	None Detected
CMM-1 B-11	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	<1.0%	None Detected
RM-1 B-12	25576	Roof Field Roof 1	Black Fibrous Roof Felts	<1.0%	None Detected

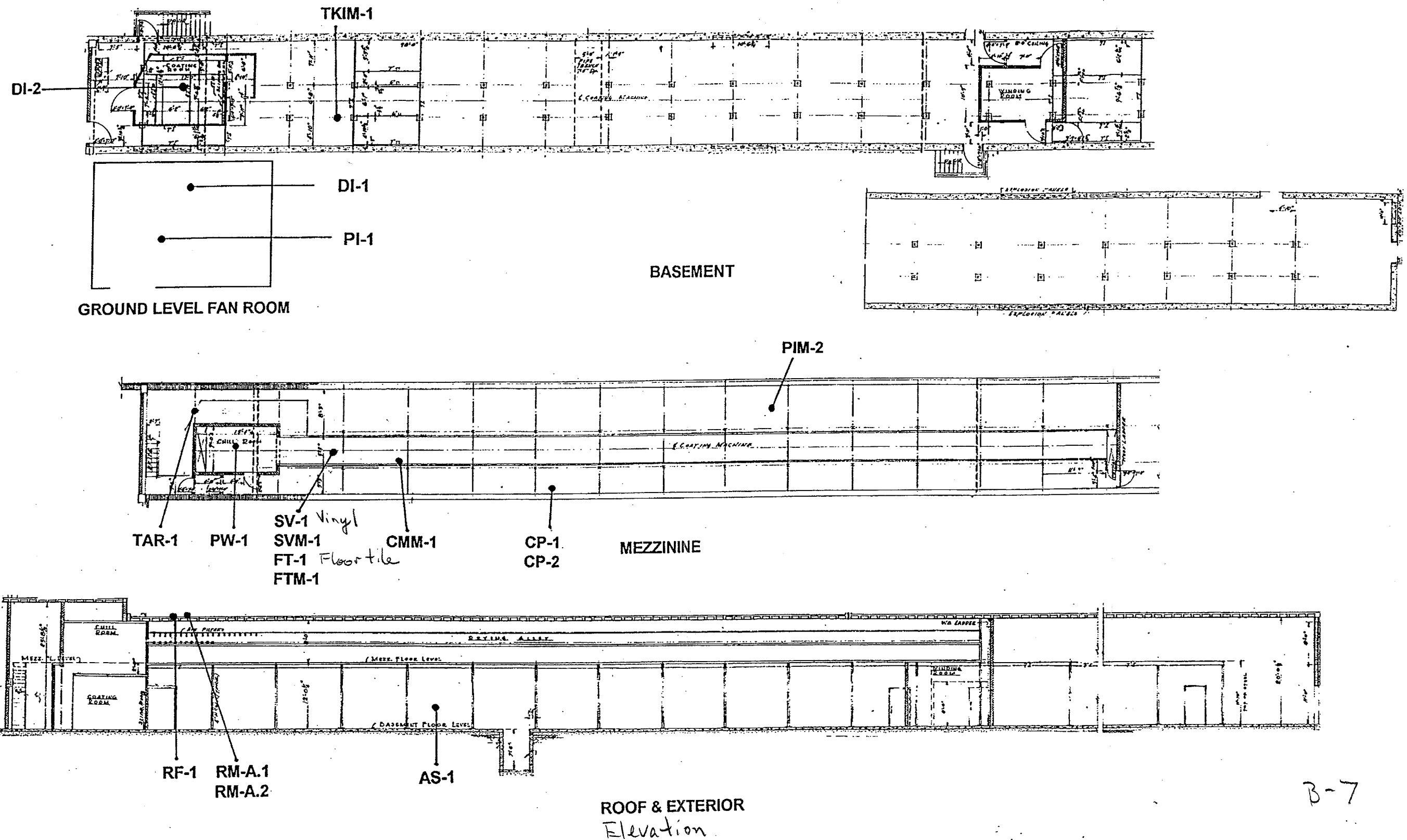
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:





B-7

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
Location: Former Phototech Imaging
Building 7, Exterior
Sample Date: 6/11/2008

Job No: 6670-08
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
TAR-001	38887	Westside Base of Building	Black Fibrous Tar	Chrysotile 19%	19%	√	Not Required	N/A	None Detected	81%
TAR-001A	38888	Westside Base of Building	Black Fibrous Tar	Chrysotile 21%	21%	√	Not Required	N/A	None Detected	79%
TAR-002	38889	Eastside Base of Building	Black Fibrous Tar	Chrysotile 13%	13%	√	Not Required	N/A	None Detected	87%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008

TEM Date Analyzed: N/A

Microscope: Olympus BH-2 #233173

TEM Analyst: N/A

PLM Analyst: F. Childs

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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ENVOY

Environmental consultants, inc.

14 Lake Avenue, Rochester, NY 14608
5454-1060 * Fax 585-454-1062

Client Mailing Address:

30 Church St, Room 300-B

Rochester NY 14614

Client:

City of Rochester

Phone Number:

428-6649

Results To:

Ted Knapp

Date Sampled:

6/11/08

Project Location:

Former Phototech Imaging

Contact:

Joseph Brundelillo

Fax Number:

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB TEM

Project Number:

0810486

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Job #: 6670-08

Page

Date Logged In: 6/12/08

Logged In By: fsc

General Location: Bldg 7, Exterior

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	TAR-001	38887 Westside base of Bldg		Blk		TAR	N
2	TAR-001A	888 "		Blk		TAR	N
3	TAR-002	889 Eastside base of Bldg		Blk		TAR	N
4							
5							
6							
7							
8							
9							
10							

Sampled By:

C. Enright / G. Mance

Date:

6/11/08

Transported to Paradigm By:

C. Enright

Date:

6/11/08

Received By:

fsc

Date:

6/12/08

CHECK ONE:

SURVEY

☒

BULKS ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY:

33

Corr. Minerz materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

BUILDING #8

Materials Sampled

Black Fire Door Insulation
Black Wall Caulk
Black Expansion Cloth
White Caulk

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

GROUND FLOOR

Entrance	Black Fire Door Insulation	64	square
----------	----------------------------	----	--------

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

GROUND FLOOR

Interior	Black Wall Caulk	120	linear feet
----------	------------------	-----	-------------

ROOF

Roof	Black Roof Field	400	square feet
------	------------------	-----	-------------

*All quantities are approximations.

**Roof was not accessible for sampling at the time of this survey.

BUILDING# 8

Total Asbestos Containing Materials:

Fire Door Insulation	64	square feet
----------------------	----	-------------

Total Materials to be *Treated* as Asbestos Containing:

Wall Caulk	120	linear feet
------------	-----	-------------

Roof Field	400	square feet
------------	-----	-------------

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
 Location: **Former Photech Imaging Systems**
Building #8
1000 Driving Park Avenue, Rochester, New York
 Sample Date: **05/24/1999**

Job Number: **95983**

Page Number: **1 of 1**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
FD-1	32546	Fire Door	Black Fibrous Fire Door Insulation	Chrysotile 33%	33%		Cellulose 18%	49%
WC-1	32547	Inside Building	Black Wall Caulk	None Detected	0%	*	None Detected	100%
EC-1	32548	Exterior	Black Fibrous Expansion Cloth	None Detected	0%		Cellulose 59%	41%
WC-2	32549	Exterior	White Wall Caulk	None Detected	0%		None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

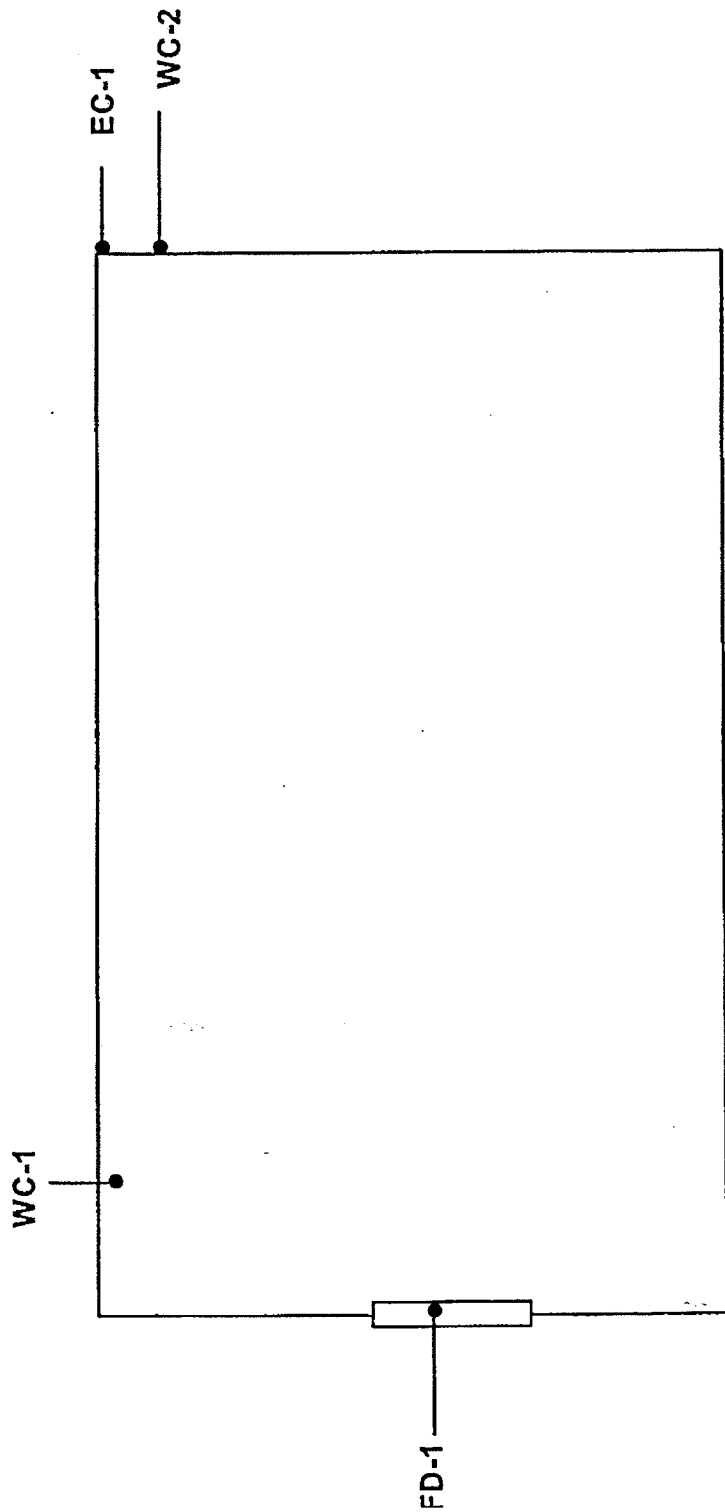
*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **05/24/1999**
 Microscope: **Olympus BH-2 #232953**
 Analyst: **Patrick Fitzgerald**

Laboratory Results Approved By:





GROUND LEVEL

ASBESTOS SAMPLING PLAN
BUILDING #8

PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1999

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
 Location: Former Photech Imaging Systems
 Building 8
 Sample Date: 6/10/2008

Job No: 6607-08
 Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
EXJ-001	38501	Between Building 8 and Building 2	Brown Fibrous Expansion Joint	None Detected	0%		Not Required	N/A	Cellulose 15%	85%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

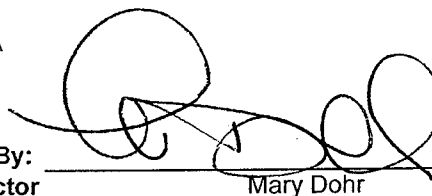
✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/13/2008
 Microscope: Olympus BH-2 #233173
 PLM Analyst: F. Childs

TEM Date Analyzed: N/A
 TEM Analyst: N/A

Laboratory Results Approved By:
 Asbestos Technical Director



Mary Dohr

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OFFICE USE ONLY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608
585-454.1060 * Fax 585-454.1062

Contact: Joseph Biondolillo	
Fax Number:	
Turn Around Time:	
1 <input type="text"/>	2 <input type="text"/> 3 <input type="text"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Material Type/Quantity:	
Frable	X NOB X TEM X
Project Number: 08/0486	

Job #: 6607-08
Page 2 of 2
Date Logged In: 6/14/08
Logged In By: JS

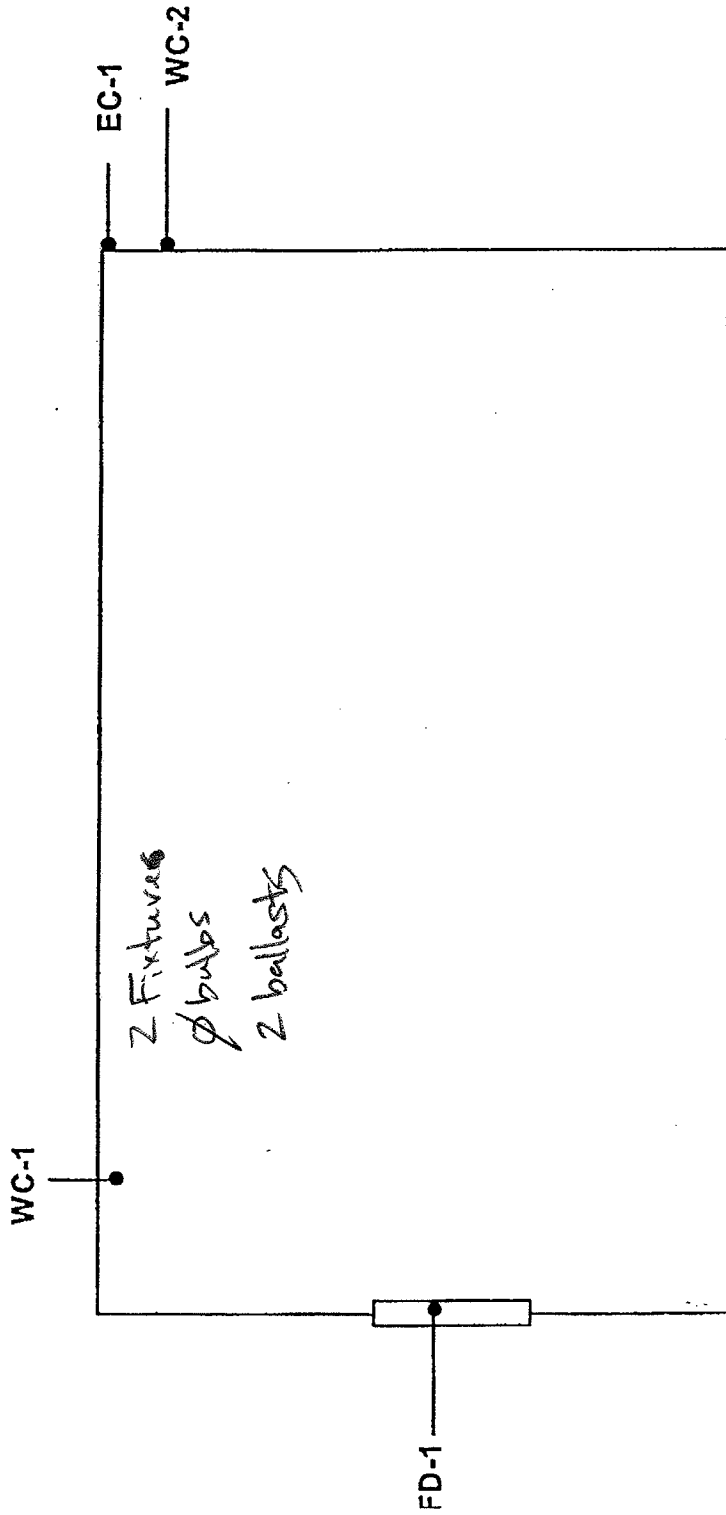
General Location: Building 8

[illegible]

Sampled By: Ted Knapp	Date: 6/10/08
Transported to Paradigm By: Ted Knapp	Date: 6/10/08
Received By: <i>[Signature]</i>	Date: 6/11/08

CHECK ONE:	SURVEY	<input checked="" type="checkbox"/>	BULKS ONLY	<input type="checkbox"/>
CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS				
or provide TEM contact name: Paul Mahoney				
TOTAL NUMBER OF SAMPLES IN SURVEY:				
<input type="checkbox"/>				

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)



GROUND LEVEL

ASBESTOS SAMPLING PLAN
BUILDING #8

PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1999

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK

BUILDING #9 – KATHABAR

Materials Sampled

Black Roof Flashing

Black Roof Membrane

Tan Tank Insulation Mastic

White Mudded Joint Packing

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

ASBESTOS CONTAINING MATERIALS

ROOF

Roof	Black Roof Flashing	100	square feet
------	---------------------	-----	-------------

*All quantities are approximations.

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: **Former Phototech Imaging Systems**
Building #9 - Kathabar
1000 Driving Park Avenue, Rochester, New York
Sample Date: **04/26/1999**

Job Number: **94954**

Page Number: **1 of 1**

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
RF-1	25191	Roof Flashing	Black Fibrous Flashing	Chrysotile 12%	12%		Cellulose 7% Fiberglass 8%	73%
RM-1	25192	Roof Field	Black Fibrous Membrane	None Detected	0%	*	Cellulose 10% Fiberglass 45% <i>TEM Neg</i>	45%
TKIM-A.1	25193	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 1)	None Detected	0%	*	None Detected <i>TEM Neg</i>	100%
TKIM-A.2	25194	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 2)	None Detected	0%	*	None Detected <i>TEM Neg</i>	100%
MJP-1	25195	Kathabar Holding Unit	White Fibrous Mudded Joint Packing	None Detected	0%		Mineral Wool 36%	64%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

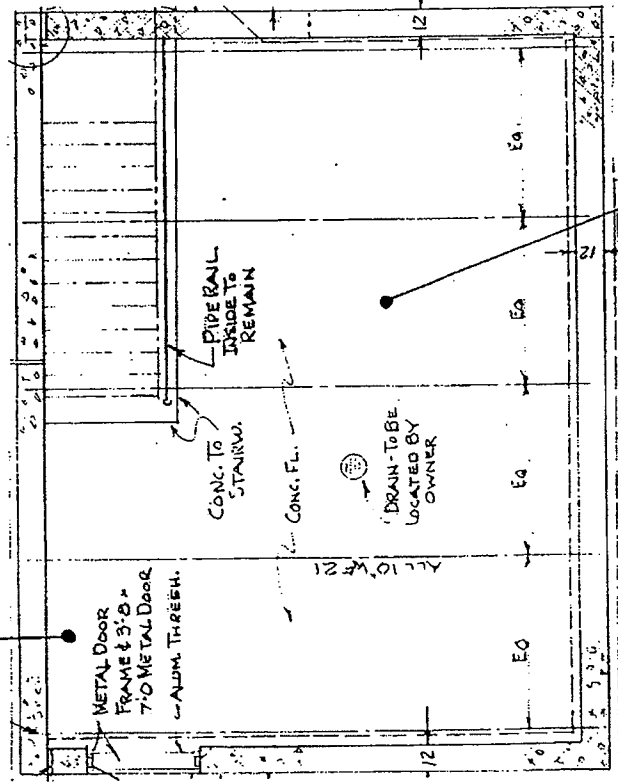
*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: **04/26/1999**
Microscope: **Olympus BH-2 #232953**
Analyst: **Patrick Fitzgerald**

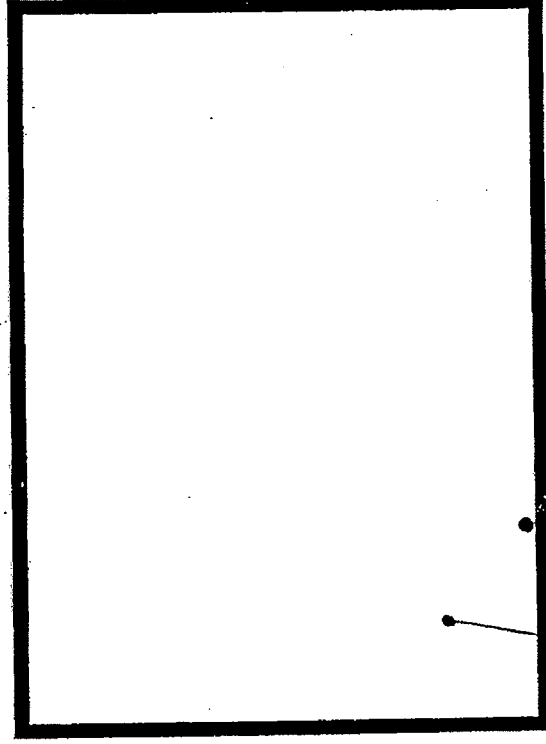
Laboratory Results Approved By: 

MJP-1



TKIM-A.1
TKIM-A.2

GROUND LEVEL



RM-1
RF-1

ROOF

ASBESTOS SAMPLING PLAN KATHABAR BUILDING #9

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK

PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1989

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
 Location: Former Phototech Imaging Systems
 Building 9, Exterior
 Sample Date: 6/11/2008

Job No: 6671-08
 Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
WAC-001	38890	West Wall	White Wall Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
WAC-001A	38891	West Wall	White Wall Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
EXJ-002	38892	West Wall	Brown Fibrous Expansion Joint	None Detected	0%		Not Required	N/A	Cellulose 30%	70%
EXJ-002A	38893	West Wall	Brown Fibrous Expansion Joint	None Detected	0%		Not Required	N/A	Cellulose 30%	70%
WAC-003	38894	South Corner	Gray Fibrous Wall Caulk	Chrysotile 9%	9%	√	Not Required	N/A	Fiberglass 2%	89%
WAC-003A	38895	South Corner	Gray Fibrous Wall Caulk	Chrysotile 10%	10%	√	Not Required	N/A	Fiberglass 2%	88%
WAC-004	38896	North Corner	Gray Fibrous Wall Caulk	Chrysotile 8%	8%	√	Not Required	N/A	Fiberglass 2%	90%
WAC-004A	38897	North Corner	Gray Fibrous Wall Caulk	Chrysotile 8%	8%	√	Not Required	N/A	Fiberglass 2%	90%
WAC-005	38898	North Corner Around Door	Gray Fibrous Wall Caulk	Chrysotile 8%	8%	√	Not Required	N/A	Fiberglass 2%	90%
WAC-005A	38899	North Corner Around Door	Gray Fibrous Wall Caulk	Chrysotile 8%	8%	√	Not Required	N/A	Fiberglass 2%	90%

NVLAP

Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008

TEM Date Analyzed: 6/17/2008

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Childs

PLM Analyst: F. Childs

Laboratory Results Approved By:
 Asbestos Technical Director

Mary Dohr

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6671-08.xls 6/17/2008

ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585-454-1060 * Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	City of Rochester	Contact:	Joseph Brundello	Job #:	6671-08
Phone Number:	438-6649	Fax Number:		Page	2 of 2
Client Mailing Address:	30 Church St, Room 300-B Rochester NY 14614	Results To:	Ted Knapp	Date Logged In:	6/12/08
		Date Sampled:	6/11/08	Logged In By:	FSC
		Project Location:	Former Photo Imaging		
		Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>		
		Material Type/Quantity:	NOB TEM		
		Project Number:	0810486		

General Location: Bldg 9, Exterior

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 WAC-001	38890	West wall	Paint	WHT		WAC	N
2 WAC-001A	891	"	"	WHT		WAC	N
3 EXT-003	892	"		BRN		EXT	N
4 EXT-003A	893	"		BRN		EXT	N
5 WAC-003	894	South Corner	Paint, Foam	GRY		WAC	N
6 WAC-003A	895	"	"	GRY		WAC	N
7 WAC-004	896	North Corner	Paint	GRY		WAC	N
8 WAC-004A	897	"	"	GRY		WAC	N
9 WAC-005	898	North Corner, around door	Paint	GRY		WAC	N
10 WAC-005A	899	"	"	GRY		WAC	N

Sampled By:	C. Enright / G. Mance	Date:	6/11/08	CHECK ONE:	SURVEY <input checked="" type="checkbox"/>	BULKS ONLY <input type="checkbox"/>
Transported to Paradigm By:	C. Enright	Date:	6/11/08	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS <input checked="" type="checkbox"/>		
Received By:	FSC	Date:	6/12/08	TOTAL NUMBER OF SAMPLES IN SURVEY: 33		

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger, May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
 Location: Former Phototech Imaging
 Building 9
 Sample Date: 6/11/2008

Job No: 6672-08
 Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
PIN-006	38900	Interior Pipe on Floor	White Fibrous Pipe Insulation	Chrysotile 57% Amosite 33%	90%		Not Required	N/A	None Detected	10%
PIN-007	38901	Exterior Pipe on Ground	White Fibrous Pipe Insulation	Chrysotile 66% Amosite 21%	87%		Not Required	N/A	None Detected	13%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

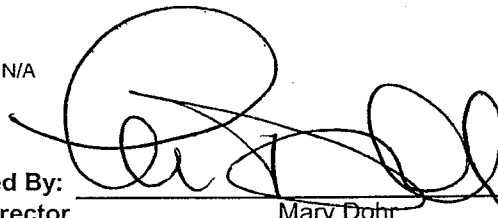
✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/13/2008
 Microscope: Olympus BH-2 #233173
 PLM Analyst: F. Childs

TEM Date Analyzed: N/A
 TEM Analyst: N/A

Laboratory Results Approved By:
 Asbestos Technical Director



Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585.454.1060 * Fax 585.454.1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:		City of Rochester		Contact:		Joseph Brundello	
Phone Number:		438-6649		Fax Number:			
Client Mailing Address:		Results To:		Turn Around Time:		Job #: 6672-08	
30 Church St, Room 300-B		Ted Knapp		1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>		Page 2 of 2	
Rochester NY 14614		Date Sampled:		Material Type/Quantity:		Date Logged In: 6/12/08	
		6/11/08		Friable NOB TEM		Logged In By: ASE	
Project Location:		Former Photo Imaging		Project Number:			
				08/0486			

General Location: Bldg 9		Sampling Location		Do not Analyze	Color	Size	Material	Friability
Client ID	Lab ID							
1	PIN-006	38900	Interior pipe on floor		WHT		PIN	Y
2	PIN-007	901	Exterior pipe on ground		WHT		PIN	Y
3								
4								
5								
6								
7								
8								
9								
10								

Sampled By: C. Enright / G. Mance	Date: 6/11/08	CHECK ONE: SURVEY <input checked="" type="checkbox"/> BULKS ONLY <input type="checkbox"/>
Transported to Paradigm By: C. Enright	Date: 6/11/08	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS <input checked="" type="checkbox"/>
Received By: ASE	Date: 6/12/08	TOTAL NUMBER OF SAMPLES IN SURVEY: 3

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

T.E.M. Results

Client: **Brownfield Restoration Group, LLC**
Location: **Former Photech Imaging Systems**
1000 Driving Park Avenue, Rochester, New York
Sample Date: **5/99-6/99**

Job No:

Page Number: 3 of 5

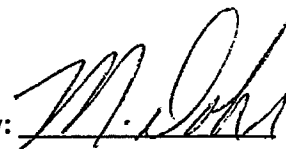
Client ID	Lab ID	Sampling Location	Description	TEM Analysis	
				Total Asbestos	Asbestos Type
TAR-1 B-7	25238	Mezzanine - Coating Alley Behind Plaster	Black/Silver Fibrous Tar Paper	<1.0%	None Detected
RM-1 B-9	25192	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
TKIM-A.1 B-9	25193	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 1)	<1.0%	None Detected
TKIM-A.2 B-9	25194	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 2)	<1.0%	None Detected
RM-1 B-10	24189	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
CTM-1 B-11	26327	Basement Men's Shower	Black Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-11	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	<1.0%	None Detected
FTM-1 B-11	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	<1.0%	None Detected
CMM-1 B-11	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	<1.0%	None Detected
RM-1 B-12	25576	Roof Field Roof 1	Black Fibrous Roof Felts	<1.0%	None Detected

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: 07/09/1999
Analyst: Tim Wilhelm

Laboratory Results Approved By:



579

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - Bldg #9 Client: CITY OF ROCHESTER
Job No.: ~~35001~~ Rates: 20/20/50
PIN/ BIN: ~~209288.03~~ Sampled by: Mitch Smith TK ✓
Date: 9/25/09 PHASE I Relinquished by: Mitch Smith TK ✓
LaBella Lab No.: 57909 Received by: Matt Smith
Positive Stop Protocol: Yes ☒ No ☐ Number of Samples: _____

[illegible]

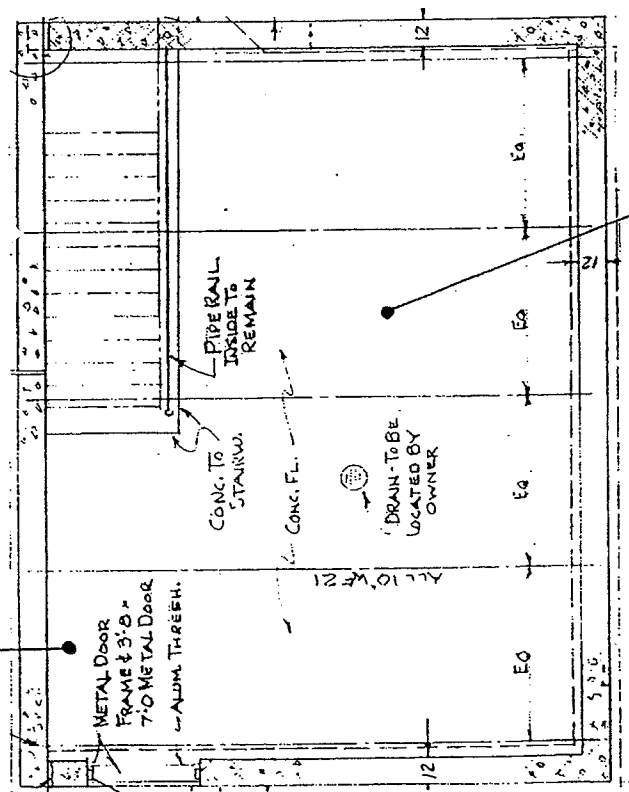
9/25/2009

Q
STAIR
TREND
WASTE
↓

3 Fixtures
3 Ballasts
4 light bulbs

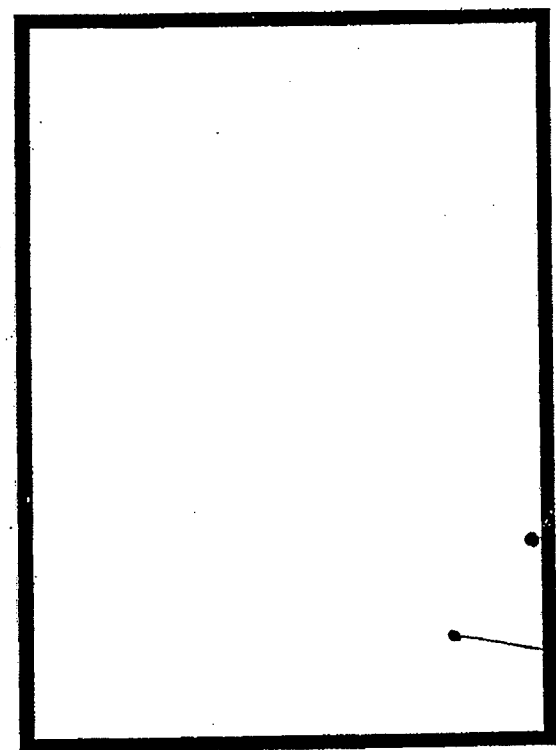
- White pipe insulation debris
on floor (1 yrd²)
- Bldg 9 - 1A collected

MJP-1



TKIM-A.1
TKIM-A.2

GROUND LEVEL



RM-1 RF-1

ROOF

ASBESTOS SAMPLING PLAN KATHABAR BUILDING #9

PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1989

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK

GUARD SHACK

Materials Sampled

Black Fire Door Insulation
Black Wall Caulk
Black Expansion Cloth
White Wall Caulk
White/Grey 2' x 2' Suspended Ceiling Tile
Brown 12" x 12" Floor Tile
Brown Floor Tile Mastic

All materials were found to be non-asbestos containing by Polarized Light Microscopy (PLM) Analysis.

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in non-friable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

GROUND FLOOR

Floor	Brown 12" x 12" Floor Tile & Mastic	20	square feet
-------	-------------------------------------	----	-------------

Neg by Paradigm 6611-08

ROOF

Roof	Black Roofing	30	square feet
------	---------------	----	-------------

Roof cement confirmed ACM 6611-08

*All quantities are approximations.

**Roof was not accessible for sampling at the time of this survey.

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client: **Brownfield Restoration Group, LLC**
Location: Former Phototech Imaging Systems
Guard Shack
1000 Driving Park Avenue, Rochester, New York
Sample Date: 05/24/1999

Job Number: 95985

Page Number: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
SCT-1	32553	Guard Shack	White/Grey Fibrous 2' x 2' Suspended Ceiling Tile	None Detected	0%		Cellulose 55% Mineral Wool 20%	25%
FT-1	32554	Guard Shack	Brown 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-1	32555	Guard Shack	Brown Floor Tile Mastic from Sample 32554	None Detected	0%	*	Cellulose 8%	92%

ELAP ID No.: 10958

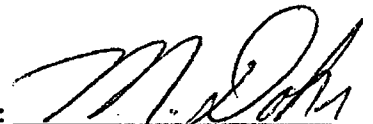
The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

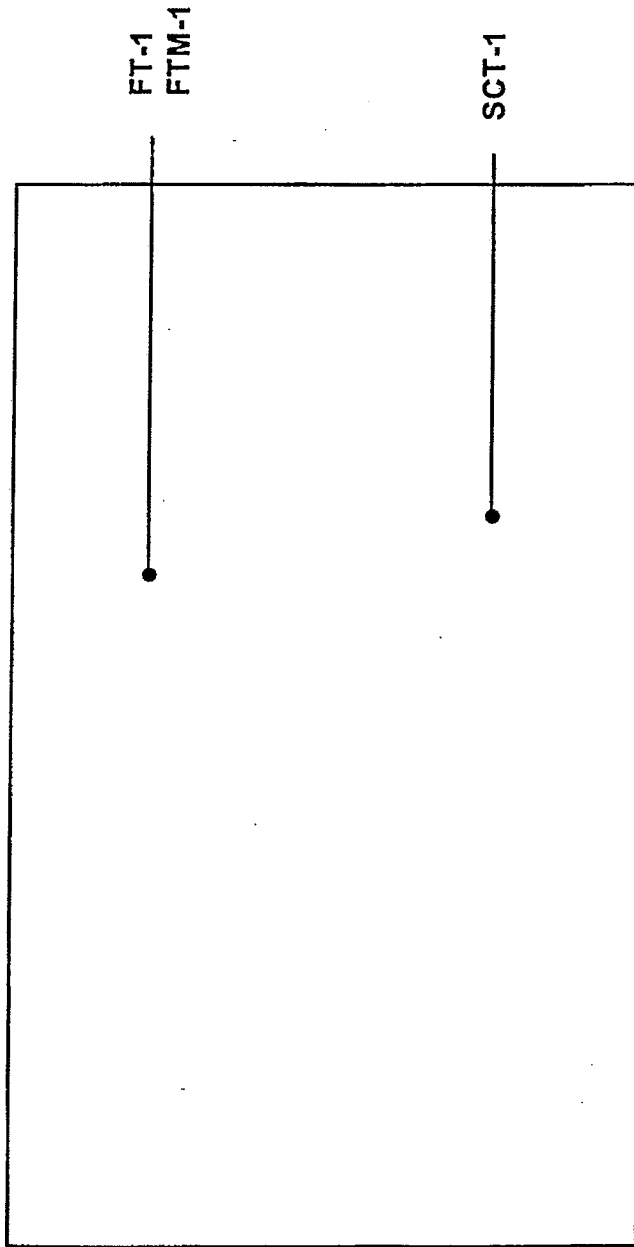
*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: 05/24/1999
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:





GROUND LEVEL

ASBESTOS SAMPLING PLAN
GUARD SHACK

PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC.
MAY, 1999

BROWNFIELD RESTORATION GROUP, LLC
FORMER PHOTECH IMAGING SYSTEMS, INC.
1000 DRIVING PARK AVENUE
ROCHESTER, NEW YORK

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
 Location: Former Phototech Imaging Systems
 Guard Shack
 Sample Date: 6/10/2008

Job No: 6611-08
 Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
SCT-001	38510	Guard Shack at Ceiling	Gray Fibrous Suspended Ceiling Tile	None Detected	0%		Not Required	N/A	Mineral Wool 60% Cellulose 30%	10%
FT1-002	38511	Guard Shack at Floor	Tan 12"x12" Floor Tile	None Detected	0%	√	<1.0% Residue Remaining TEM not Required	N/A	None Detected	100%
FTM-003	38512	Guard Shack at Floor	Brown Floor Tile Mastic	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
TRP-004	38513a	Guard Shack at Roof	Black Tar Paper	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
ROF-005	38513b	Guard Shack at Roof	White/Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 10%	90%
AR-006	38513c	Guard Shack at Roof	Black Tar	Chrysotile 5%	5%	√	Not Required	N/A	Fiberglass 2%	93%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008
 Microscope: Olympus BH-2 #234206
 PLM Analyst: B. Weinman

TEM Date Analyzed: 6/17/2008
 TEM Analyst: F. Childs

Laboratory Results Approved By:
 Asbestos Technical Director

Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585-454-1060 * Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: City of Rochester		Contact: Joseph Biondillo	
Phone Number: 428-6649		Fax Number:	
Results To: Ted Knapp		Turn Around Time: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
Date Sampled: 6/10/08		Material Type/Quantity: Friable <input checked="" type="checkbox"/> X NOB <input checked="" type="checkbox"/> X TEM <input checked="" type="checkbox"/> X	
City Hall Room 300-B		Project Number: 08/0486	
Rochester, NY 14614		Project Location: Former Phototech Imaging Systems	

Job #:	6611-08
Page	2 of 2
Date Logged In:	6/11/08
Logged In By:	JS

General Location: Guard Shack

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	SCT-001	38510		Gray		SCT	Friable
2	FT1-002	511		Brown	12x12	FT	Non-friable
3	FTM-003	512		Brown		FTM	Non-friable
4	TRP-004	513 A		Black		TRP	Non-friable
5	ROF-005	B		↓		ROF	NF
6	TRR-006	C		↓		TRR	NF
7							
8							
9							
10							

Sampled By: Ted Knapp	Date: 6/10/08	CHECK ONE: SURVEY <input checked="" type="checkbox"/>	BULKS ONLY <input type="checkbox"/>
Transported to Paradigm By: Ted Knapp	Date: 6/10/08	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name: Paul Mahoney	
Received By: <i>Paul Mahoney</i>	Date: 6/11/08	TOTAL NUMBER OF SAMPLES IN SURVEY: <input type="checkbox"/>	

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger, May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

* added per Ted Knapp 6/11/08 JS

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

ELAP # 11184
TEM ELAP # 10920

SAMPLE DATE: 09/23/2009

[illegible]

9/24/09

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH

Client: LBA

Job No.: 209288.03/PHASE I

Rates: _____

PIN/ BIN: _____

Sampled by: Tom Kihn (SRD) ✓

Date: 9/23/09

Relinquished by: Tom Kihn ✓

LaBella Lab No.: 55009

Received by: Matt Smith ✓

Number of Samples: 7

[illegible]

PLM & TEM BULK ASBESTOS REPORT

Client: City of Rochester
Location: Former Phototech Imaging Systems
 Silver Recovery Waste Water Tank
Sample Date: 6/10/2008

Job No: 6608-08
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
MAS-001	38502	Bottom Under Foam	Brown Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
CAN-002	38503	Bottom of Tank	White Fibrous Canvas Cloth	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 40%	60%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/13/2008
Microscope: Olympus BH-2 #233173
PLM Analyst: F. Childs

TEM Date Analyzed: 6/16/2008
TEM Analyst: F. Childs

Laboratory Results Approved By:
Asbestos Technical Director



Mary Dohr

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OFFICE USE ONLY

ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608
585-454.1060 * Fax 585-454.1062

Client Mailing Address:

Church Street

Results To: Ted Knapp

Date Sampled: 6/10/08

City Hall Room 300-B

100

Turn Around Time:

1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>
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[illegible]

Material type/quantity.

[illegible]

Project Number: 08/0486

General Location: Silver Recovery Waste Water Tank

[illegible]

Sampled By: Ted Knapp

Date: 6/10/08

Transported to Paradigm Bv: Ted Knapp

Date: 6/10/08

Received By: *M. J. Jones* Date: *6/11/08*

Date: 6/11/08

CHECK ONE:

SURVEY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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BULK ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name: Paul Mahoney

TOTAL NUMBER OF SAMPLES IN SURVEY:	
1	2

(Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. **(Danger: May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)**)

BUILDING #14 – EXTERIOR TANKS

NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND IN THIS AREA.

EXTERIOR PIPE

UTILITY TUNNEL

Underground	White Pipe Insulation	1,000	linear feet
(From Power Plant to Building 11) AND UNDER B-7			
Above Ground	White Pipe Insulation	160	linear feet

*All quantities are approximations.

UTILITY TUNNEL*1

TUNNEL BETWEEN BUILDINGS 5 AND 2

Tunnel	White Pipe Insulation	220	linear feet
	Black Pipe Wrap	280	linear feet

*All quantities are approximations.

PERSONNEL TUNNEL #₂

TUNNEL BETWEEN BUILDINGS 2, 11, AND 1

NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND IN THIS AREA.

PERSONNEL TUNNEL

#~~1~~

TUNNEL BETWEEN BUILDINGS 16 & 17

NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND IN THIS AREA.

Roof Composition
Former Photech Imaging Systems
Rochester, New York
Date Re-Issued: October 16, 2009

Building 1		Roof	3,608	(sq/ft)	
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)		Rubber	1/16"		
2nd Layer		Foam Board	3"		
3rd Layer					
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing		Rubber	1/16"		
Deck		Cement			
Approx. Roof thickness total			3 1/8"		
* Amount included in Roofing Totals.					

Building 2		Roof	1,536	(sq/ft)	
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	009	Tar Paper	1/2"		
2nd Layer	009A	Insulation	1 1/4"		
3rd Layer	009B	Tar	1/4"		
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing	010	Tar Paper	1/2"		Chrysotile 23%
Deck		Cement			
Approx. Roof thickness total			2 1/2"		
* Amount included in Roofing Totals.					

Building 2		Roof	1,536	(sq/ft)	
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	011	Tar Paper	1/2"		
2nd Layer	011A	Insulation	1 1/4"		
3rd Layer	001B	Tar	1/4"		
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing	012	Tar Paper	1/2"		Chrysotile 15%
Deck		Cement			
Approx. Roof thickness total			2 1/2"		
* Amount included in Roofing Totals.					

Roof Composition
Former Photech Imaging Systems
Rochester, New York
Date Re-Issued: October 16, 2009

Building 3		Roof	(sq/ft)		
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)		Tar			
2nd Layer					
3rd Layer					
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing		Tar Paper			
Deck		Gypsum			
<i>Approx. Roof thickness total</i>					
* Amount included in Roofing Totals.					

Building 4		Roof	1,200 (sq/ft)		
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	039	Tar	1/2"		
2nd Layer					
3rd Layer					
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing	040	Tar Paper	1/4"		
Deck		Gypsum			
<i>Approx. Roof thickness total</i>			3/4"		
* Amount included in Roofing Totals.					

Building 4		Roof	1,200 (sq/ft)		
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	041	Tar	1/2"		
2nd Layer					
3rd Layer					
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing	042	Tar Paper	1/4"		
Deck		Gypsum			
<i>Approx. Roof thickness total</i>			3/4"		
* Amount included in Roofing Totals.					

Roof Composition
Former Photech Imaging Systems
Rochester, New York
Date Re-Issued: October 16, 2009

Building 5		Roof		1,750	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	035	Tar	1/4"		
2nd Layer	035A	Tar	1/4"		
3rd Layer	035B	Tar	1/2"		
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing	036	Tar Paper	1/2"		Chrysotile 17%
Deck		Cement			
Approx. Roof thickness total			1 1/2 "		
* Amount included in Roofing Totals.					
Building 5		Roof		1,750	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	037	Tar	1/4"		
2nd Layer	037A	Tar	1/4"		
3rd Layer	037B	Tar	1/2"		
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing	038	Tar Paper	1/2"		Chrysotile 18%
Deck		Cement			
Approx. Roof thickness total			1 1/2 "		
* Amount included in Roofing Totals.					
Building 6		Roof		280	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)		Tar Paper	1/4"		
2nd Layer		Tar Paper	1/4"		
3rd Layer		Tar Paper	1/2"		
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing		Tar Paper	1/2"		
Deck		Cement			
Approx. Roof thickness total			1 1/2 "		
* Amount included in Roofing Totals.					

Roof Composition
Former Photech Imaging Systems
Rochester, New York
Date Re-Issued: October 16, 2009

Building 7		Roof		1,908	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	025	Tar Paper	1/8"		
2nd Layer	025A	Tar Paper	1/8"		
3rd Layer		Insulation	1"		
4th Layer	025B	Tar	3/4"		
5th Layer			1/2"		
6th Layer (bottom)	025C	Tar	1/8"		
Flashing	026	Tar Paper	1/4"		Chrysotile 39%
Deck		Metal			
Approx. Roof thickness total			2 7/8"		

* Amount included in Roofing Totals.

Building 7		Roof		1,908	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	027	Tar Paper	1/8"		
2nd Layer	027A	Tar Paper	1/8"		
3rd Layer		Insulation	1"		
4th Layer	027B	Tar	3/4"		
5th Layer			1/2"		
6th Layer (bottom)	027C	Tar	1/8"		
Flashing	028	Tar Paper	1/4"		Chrysotile 38%
Deck		Metal			
Approx. Roof thickness total			2.875"		

* Amount included in Roofing Totals.

Building 8		Roof		144	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	013	Tar	1/4"		
2nd Layer		Fiber Board	3/4"		
3rd Layer	013A	Tar	1/8"		
4th Layer		Fiber Board	3/4"		
5th Layer					
6th Layer (bottom)					
Flashing	014	Tar	1/4"		Chrysotile 7%
Deck		Metal			
Approx. Roof thickness total			2 1/8"		

* Amount included in Roofing Totals.

Roof Composition
Former Photech Imaging Systems
Rochester, New York
Date Re-Issued: October 16, 2009

Building 8		Roof		144	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	015	Tar	1/4"		
2nd Layer		Fiber Board	3/4"		
3rd Layer	015A	Tar	1/8"		
4th Layer		Fiber Board	3/4"		
5th Layer					
6th Layer (bottom)					
Flashing	016	Tar	1/4"		Chrysotile 10%
Deck		Menter			
Approx. Roof thickness total			2 1/8"		

* Amount included in Roofing Totals.

Building 9		Roof		280	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	017	Tar Paper	1/4"		
2nd Layer	017A	Tar Paper	1/4"		
3rd Layer	017B	Tar Paper	1/8"		
4th Layer		ISO Board	2"		
5th Layer					
6th Layer (bottom)					
Flashing	018	Tar Paper	1/4"		Chrysotile 21%
Deck		Metal			
Approx. Roof thickness total			2 7/8"		

* Amount included in Roofing Totals.

Building 9		Roof		280	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	019	Tar Paper	1/4"		
2nd Layer	019A	Tar Paper	1/4"		
3rd Layer	019B	Tar Paper	1/8"		
4th Layer		ISO Board	2"		
5th Layer					
6th Layer (bottom)					
Flashing	020	Tar Paper	1/4"		Chrysotile 16%
Deck		Metal			
Approx. Roof thickness total			2 7/8"		

* Amount included in Roofing Totals.

Roof Composition
Former Phototech Imaging Systems
Rochester, New York
Date Re-Issued: October 16, 2009

Building 10		Roof		360	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	021	Tar Paper	1/4"		
2nd Layer		Fiber Board	1"		
3rd Layer	021A	Tar	1/4"		
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing	022	Tar Paper	1/4"		
Deck		Metal			
Approx. Roof thickness total			1 3/4"		

* Amount included in Roofing Totals.

Builing 10		Roof		360	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	023	Tar Paper	1/4"		
2nd Layer		Fiber Board	1"		
3rd Layer	023A	Tar	1/4"		
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing	024	Tar Paper	1/4"		
Deck		Metal			
Approx. Roof thickness total			1 3/4"		

* Amount included in Roofing Totals.

Building 11		Roof		2,754	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)		Rocks	1/2"		
2nd Layer	001	Tar Paper	1/4"		
3rd Layer	001A	Tar Paper	1/4"		
4th Layer	001B	Tar Paper	1/4"		
5th Layer	001C	Fiber Board	1/2"		
6th Layer (bottom)	001D	Tar	1/4"		
Flashing	002	Tar Paper	1/2"		Chrysotile 11%
Deck		Cement			
Approx. Roof thickness total			2 1/2"		

* Amount included in Roofing Totals.

Roof Composition
Former Photech Imaging Systems
Rochester, New York
Date Re-Issued: October 16, 2009

Building 11		Roof		2,754	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)		Rocks	1/2"		
2nd Layer	003	Tar Paper	1/4"		
3rd Layer	003A	Tar Paper	1/4"		
4th Layer	003B	Tar Paper	1/4"		
5th Layer	003C	Fiber Board	1/2"		
6th Layer (bottom)	003C	Tar	1/4"		
Flashing	004	Tar Paper	1/2"		Chrysotile 11%
Deck		Cement			
Approx. Roof thickness total			2 1/2"		

* Amount included in Roofing Totals.

Building 12		Roof		16,500	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	031	Tar	1/2"		
2nd Layer		ISO Board	1"		
3rd Layer	031A	Tar	1/8"		
4th Layer		ISO Board	1/4"		
5th Layer	031B	Tar	1/8"		
6th Layer (bottom)					
Flashing	032	Tar Paper	1/4"		Chrysotile 18%
Deck		Gypsum			
Approx. Roof thickness total			2 1/4"		

* Amount included in Roofing Totals.

Building 12		Roof		16,500	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	033	Tar	1/2"		
2nd Layer		ISO Board	1"		
3rd Layer	033A	Tar	1/8"		
4th Layer		ISO Board	1/4"		
5th Layer	033B	Tar	1/8"		
6th Layer (bottom)					
Flashing	034	Tar Paper	1/4"		Chrysotile 17%
Deck		Gypsum			
Approx. Roof thickness total			2 1/4"		

* Amount included in Roofing Totals.

Roof Composition
Former Phototech Imaging Systems
Rochester, New York
Date Re-Issued: October 16, 2009

Building 13		Roof		(sq/ft)	
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)		Rubber	1/4"		
2nd Layer		ISO Board	1 1/2"		
3rd Layer	029	Tar Paper	1/4"		
4th Layer		Fiber Board	1"		
5th Layer	029A	Tar Paper	1/4"		
6th Layer (bottom)					
Flashing		None			
Deck		Gypsum			
Approx. Roof thickness total			3 1/4"		

* Amount included in Roofing Totals.

Building 13		Roof		(sq/ft)	
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)		Rubber	1/4"		
2nd Layer		ISO Board	1 1/2"		
3rd Layer	030	Tar Paper	1/4"		
4th Layer		Fiber Board	1"		
5th Layer	03A	Tar Paper	1/4"		
6th Layer (bottom)					
Flashing		None			
Deck		Gypsum			
Approx. Roof thickness total			3 1/4"		

* Amount included in Roofing Totals.

Building 16		Roof		4,112 (sq/ft)	
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	005	Tar Paper	1/4"		
2nd Layer		Stick Rock	1 1/2"		
3rd Layer		Plastic	1/16"		
4th Layer	005A	Gypsum	1 1/2"		
5th Layer					
6th Layer (bottom)					
Flashing	006	Tar Paper	1/2"		Chrysotile 19%
Deck		Cement			
Approx. Roof thickness total			3.7/8"		

* Amount included in Roofing Totals.

Roof Composition
Former Photech Imaging Systems
Rochester, New York
Date Re-Issued: October 16, 2009

Building 16		Roof		4,112	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)	007	Tar Paper	1/4"		
2nd Layer		Stick Rock	1 1/2"		
3rd Layer		Plastic	1/16"		
4th Layer	007A	Gypsum	1 1/2"		
5th Layer					
6th Layer (bottom)					
Flashing	008	Tar Paper	1/2"		Chrysotile 7.3%
Deck		Cement			
Approx. Roof thickness total			3.7/8"		
* Amount included in Roofing Totals.					
Building 17		Roof		360	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)		Rubber	1/8"		
2nd Layer		ISO Board	2 1/2"		
3rd Layer		Tar			
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing		None			
Deck		Metal			
Approx. Roof thickness total			2 5/8"		
* Amount included in Roofing Totals.					
Building 17		Roof		360	(sq/ft)
Layer	Sample #	Composition	Thickness	Status	Asbestos Type & %
1st Layer (top)		Rubber	1/8"		
2nd Layer		ISO Board	2 1/2"		
3rd Layer					
4th Layer					
5th Layer					
6th Layer (bottom)					
Flashing		None			
Deck		Metal			
Approx. Roof thickness total			2 5/8"		
* Amount included in Roofing Totals.					



PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 2
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11677-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-009	82849	Spot #1, 1st Layer	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	Trace Chrysotile	<1.0%	Cellulose 10%	90%
ROF-009A	82850	Spot #1, 2nd Layer	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 15%	85%
ROF-009B	82851	Spot #1, 3rd Layer	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 10%	90%
FLA-010	82852	Spot #1	Black Fibrous Flashing	Chrysotile 23%	23%	√	Not Required	N/A	Cellulose 10%	67%
ROF-011	82853	Spot #2, 1st Layer	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	Trace Chrysotile	<1.0%	Cellulose 10%	90%
ROF-011A	82854	Spot #2, 2nd Layer	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
ROF-011B	82855	Spot #2, 3rd Layer	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 10%	90%
FLA-012	82856	Spot #2	Black Fibrous Flashing	Chrysotile 15%	15%	√	Not Required	N/A	Cellulose 10%	75%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #232953
PLM Analyst: J. Peter Donato

TEM Date Analyzed: 10/1/2009
TEM Analyst: M. Hasenauer

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 16
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11676-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-005	82843	Roof, Layer 1	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Cellulose 15% Mineral Wool 3%	82%
ROF-005A	82844	Roof, Layer 2	Gray Roofing Insulation	None Detected	0%		Not Required	N/A	Cellulose 3%	97%
FLA-006	82845	Roof Edge	Black Fibrous Flashing	Chrysotile 19%	19%	✓	Not Required	N/A	Cellulose 5% Mineral Wool 3%	73%
ROF-007	82846	Roof, Layer 1	Black Fibrous Roofing	Inconclusive. Trace Chrysotile Detected.	<1.0%	✓	None Detected	<1.0%	Cellulose 15%	85%
ROF-007A	82847	Roof, Layer 2	White Roofing Insulation	None Detected	0%		Not Required	N/A	Cellulose 3%	97%
FLA-008	82848	Roof Edge	Black Fibrous Flashing	Chrysotile 7.3%	7.3%	✓	Not Required	N/A	Cellulose 10%	82.7%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #232953
PLM Analyst: J. Peter Donato

TEM Date Analyzed: 10/1/2009
TEM Analyst: M. Hasenauer

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 8
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11678-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-013	82857	Spot #1, 1st Layer	Black Roofing	Inconclusive No Asbestos Detected	<1.0%	√	None Detected	<1.0%	None Detected	100%
ROF-013A	82858	Spot #1, 2nd Layer	Black Fibrous Roofing	Inconclusive No Asbestos Detected	<1.0%	√	None Detected	<1.0%	Cellulose 30%	70%
FLA-014	82859	Spot #1	Black Fibrous Flashing	Chrysotile 7.0%	7.0%	√	Not Required	N/A	Cellulose 10%	83%
ROF-015	82860	Spot #2, 1st Layer	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 10%	90%
ROF-015A	82861	Spot #2, 2nd Layer	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 15%	85%
FLA-016	82862	Spot #2	Black Fibrous Flashing	Chrysotile 10%	10%	√	Not Required	N/A	Cellulose 10%	80%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #232953
PLM Analyst: J. Peter Donato

TEM Date Analyzed: 10/2/2009
TEM Analyst: J. Peter Donato

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608
585-454-1060 Fax 585-454-1062

Job Ticket #: **34832**

Client Mailing Address:

300 State St. Suite 201

Rochester NY 14614

General Location:

ROOF, Bldg. 8

Sampling Location

Client ID	Lab ID	Spot #	1st Layer	2nd Layer
1 ROF-013	82857	Spot #1	1st Layer	2nd Layer
2 ROF-013A	858			
3 FLA-014	859	Spot #1	1st Layer	2nd Layer
4 ROF-015	860	Spot #2	1st Layer	2nd Layer
5 ROF-015A	861			
6 FLA-016	862	Spot #2		
7				
8				
9				
10				

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

Client:

Lebella Associates

Phone Number:

414.8891

Results To:

Gregg Mance

Date Sampled:

9.25.09

Project Location:

1000 Driving Park Ave.

Contact:

Rick Rote

Fax Number:

rrrote@labellapc.com

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB X TEM X

Project Number:

09.1400

Job #: 11678-09

Page

2 of 2

Date Logged In: 9/29/09

Logged In By: KS

5 of 12 COC

Client ID	Lab ID	Spot #	1st Layer	2nd Layer	Do not Analyze	Color	Size	Material	Friability
1 ROF-013	82857	Spot #1	1st Layer	2nd Layer	—	Blk	—	Roofing	NF
2 ROF-013A	858				—	Blk	—	RAF	NF
3 FLA-014	859	Spot #1	1st Layer	2nd Layer	—	Blk	—	Flashing	NF
4 ROF-015	860	Spot #2	1st Layer	2nd Layer	—	Blk	—	RAF	NF
5 ROF-015A	861				—	Blk	—	RAF	NF
6 FLA-016	862	Spot #2			—	Blk	—	FLA	NF
7									
8									
9									
10									

CHECK ONE:

SURVEY ☒

BULKS ONLY ☐

Sampled By: G. Seibert / B. Lindsay Date: 9.25.09

Transported to Paradigm by Jeff P. Date: 9.25.09

Received By: KS Date: 9/29/09

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS ☒

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY: 42

Asbestos is a known carcinogen and should only be handled by trained and authorized personnel

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)



PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 9
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11679-09
Page: 1 of 2
Date Re-Issued: 10/13/2009

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-017	82863	Roof, Layer 1	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Cellulose 20% Mineral Wool 5%	75%
ROF-017A	82864	Roof, Layer 2	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Cellulose 15% Mineral Wool 5%	80%
ROF-017B	82865	Roof, Layer 3	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Cellulose 20% Mineral Wool 10%	70%
FLA-018	82866	Roof Edge	Black Fibrous Flashing	Chrysotile 21%	21%	✓	Not Required	N/A	Cellulose 10%	69%
ROF-019	82867	Roof, Layer 1	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Cellulose 20% Mineral Wool 10%	70%
ROF-019A	82868	Roof, Layer 2	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Cellulose 15% Mineral Wool 5%	80%
ROF-019B	82869	Roof, Layer 3	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Cellulose 20% Mineral Wool 10%	70%
FLA-020	82870	Roof Edge	Black Fibrous Flashing	Chrysotile 16%	16%	✓	Not Required	N/A	Cellulose 10%	74%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ **NOB (non-friable organically bound) Classified for Analytical Purposes Only.**

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #232953
PLM Analyst: J. Peter Donato

TEM Date Analyzed: 10/1/2009
TEM Analyst: M. Hasenauer

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585-454-1060 Fax 585-454-1062

Job Ticket #: 34832

Client Mailing Address:

300 State St. Suite 201

Rochester NY 14614

General Location:

Roof 9

Client:

Lebella Associates

Phone Number:

414-8891

Results To:

Gregg Mance

Date Sampled:

9-25-09

Project Location:

1000 Driving Park Ave.

Contact:

Rick Rote

Fax Number:

rrrote@labellapc.com

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB X TEM X

Project Number:

09-1400

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Job #: 11679-09

Page

2 of 2

Date Logged In: 9/29/09

Logged In By:

KS

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 ROF-017	82863	Roof layer 1	-	Blk	-	ROF	NF
2 ROF-017A	864	layer 2	-		-	ROF	
3 ROF-017B	865	layer 3	-		-	ROF	
4 FLA-018	866	edge	-		-	FLA	
5 ROF-019	867	layer 1	-		-	ROF	
6 ROF-019A	868	layer 2	-		-	ROF	
7 ROF-019B	869	layer 3	-		-	ROF	
8 FLA-020	870	edge	-		-	FLA	
9							
10							

CHECK ONE: SURVEY ☒ BULKS ONLY ☐

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS ☒

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY: 42

Sampled By: G. Seibert / B. Lindsay Date: 9-25-09

Transported to Paradigm by: [Signature] Date: 9-25-09

Received By: [Signature] Date: 9/29/09

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)



PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 10
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11680-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-021	82871	Roof, Layer 1	Black Fibrous Roofing	Inconclusive. Trace Chrysotile Detected.	<1.0%	√	Trace Chrysotile	<1.0%	Cellulose 10%	90%
ROF-021A	82872	Roof, Layer 2	Black Fibrous Roofing	Trace Chrysotile	<1.0%	√	<1.0% Residue Remaining. TEM Not Required.	N/A	Cellulose 15%	85%
FLA-022	82873	Roof Edge	Black Fibrous Flashing	None Detected	0%	√	<1.0% Residue Remaining. TEM Not Required.	N/A	Cellulose 30%	70%
ROF-023	82874	Roof Layer 1	Black Fibrous Roofing	None Detected	0%	√	<1.0% Residue Remaining. TEM Not Required.	N/A	Cellulose 30%	70%
ROF-023A	82875	Roof, Layer 2	Black Fibrous Roofing Insulation	None Detected	0%		Not Required	N/A	Cellulose 90%	10%
FLA-024	82876	Roof Edge	Black Fibrous Flashing	None Detected	0%	√	<1.0% Residue Remaining. TEM Not Required.	N/A	Cellulose 30%	70%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #232953
PLM Analyst: J. Peter Donato

TEM Date Analyzed: 10/2/2009
TEM Analyst: J. Peter Donato

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585-454-1060 Fax 585-454-1062

Job Ticket #: 34832

Client Mailing Address:

300 State St. Suite 201

Rochester NY 14614

General Location:

Roof Bldg 10

Client:

Lebella Associates

Phone Number:

414-8891

Results To:

Gregg Mance

Date Sampled:

9-25-09

Project Location:

1000 Driving Park Ave.

Contact:

Rick Rote

Fax Number:

rrrote@labellapc.com

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB X TEM X

Project Number:

09-1400

OFFICE USE ONLY

Job #:

11680-09

Page

of

Date Logged In:

9/29/09

Logged In By:

KS

7 of 12 COC

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	ROF-021	Roof 1-x-15 1	-	BLK	-	ROF	AF
2	ROF-021 A	1-x-15 2	-	-	-	ROF	-
3	FLA-022	edge	-	-	-	FLA	-
4	ROF-023	1-x-15 1	-	-	-	ROF	-
5	ROF-023 A	1-x-15 2	-	-	-	ROF	-
6	FLA-024	edge	-	-	-	FLA	-
7							
8							
9							
10							

BULKS ONLY

CHECK ONE: SURVEY ☒

Sampled By: G. Seibert / B. Lindsay Date: 9-25-09

Transported to Paradigm by Jeff J. Date: 9-25-09

Received By: KS Date: 9/29/09

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY: 42

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)



PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 7
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11681-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-025	82877	Roof, Layer 1	Black Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 1%	99%
ROF-025A	82878	Roof, Layer 2	Black Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 1%	99%
ROF-025B	82879	Roof, Layer 3	Black Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ROF-025C	82880	Roof, Layer 4	Black Roofing	None Detected	0%	✓	<1.0% Residue Remaining. TEM Not Required	N/A	None Detected	100%
FLA-026	82881	Roof Edge	Black Fibrous Flashing	Chrysotile 39%	39%	✓	Not Required	N/A	None Detected	61%
ROF-027	82882	Roof, Layer 1	Black Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 1%	99%
ROF-027A	82883	Roof, Layer 2	Black Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 1%	99%
ROF-027B	82884	Roof, Layer 3	Black Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ROF-027C	82885	Roof, Layer 4	Black Roofing	None Detected	0%	✓	<1.0% Residue Remaining. TEM Not Required	N/A	None Detected	100%
FLA-028	82886	Roof Edge	Black Fibrous Flashing	Chrysotile 38%	38%	✓	Not Required	N/A	None Detected	62%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ **NOB (non-friable organically bound) Classified for Analytical Purposes Only.**

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #233173
PLM Analyst: F. Childs

TEM Date Analyzed: 10/2/2009
TEM Analyst: J. Peter Donato

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585-454-1060 Fax 585-454-1062

Job Ticket #: 34832

Client Mailing Address:

300 State St. Suite 201

Rochester NY 14614

General Location:

Roof Bldg 7

Client:

Lebella Associates

Phone Number:

414-8891

Results To:

Gregg Mance

Date Sampled:

9.25.09

Project Location:

1000 Driving Park Ave.

Contact:

Rick Rote

Fax Number:

rrrote@labellapc.com

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB X TEM X

Project Number:

09.1400

OFFICE USE ONLY

Job #:

11681-09

Page

7 of 02

Date Logged In:

9/29/09

Logged In By:

KS

8 of 12 COC

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 ROF-025	82877	roof layer 1	-	Blk	-	roofing	NF
2 ROF-025 A	878	layer 2	-	-	-	-	-
3 ROF-025 B	879	layer 3	-	-	-	-	-
4 ROF-025 C	880	layer 4	-	-	-	fleshing	-
5 FLA-026	881	edge	-	-	-	roofing	-
6 ROF-027	882	layer 1	-	-	-	-	-
7 ROF-027 A	883	layer 2	-	-	-	-	-
8 ROF-027 B	884	layer 3	-	-	-	-	-
9 ROF-027 C	*885	layer 4	-	-	-	-	-
10 FLA-028	886	edge	-	-	-	fleshing	-

CHECK ONE:

SURVEY ☒

BULK ONLY ☐

Sampled By: G. Seibert / B. Lindsay Date: 9.25.09

Transported to Paradigm by [Signature] Date: 9.25.09

Received By: KS Date: 9/28/09

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS ☒

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY: 42

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)



PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 13
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11682-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-029	82887	Spot #1, 1st Layer	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 1%	99%
ROF-029A	82888	Spot #1, 2nd Layer	Black Roofing	None Detected	0%	√	<1.0% Residue Remaining. TEM Not Required	N/A	Fiberglass 1%	99%
ROF-030	82889	Spot #2, 1st Layer	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 1%	99%
ROF-030A	82890	Spot #2, 2nd Layer	Black Roofing	None Detected	0%	√	<1.0% Residue Remaining. TEM Not Required	N/A	Fiberglass 1%	99%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

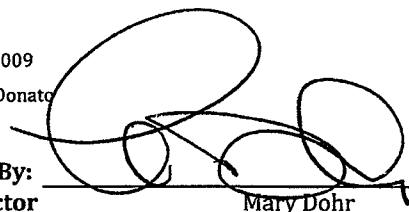
√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #233173
PLM Analyst: F. Childs

TEM Date Analyzed: 10/2/2009
TEM Analyst: J. Peter Donato

**Laboratory Results Approved By:
Asbestos Technical Director**


Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585-154-1060 Fax 585-154-1062

Job Ticket #: **34832**

Client Mailing Address:

300 State St. Suite 201

Rochester NY 14614

Client:

Lebella Associates

Phone Number:

414.8891

Results To:

Gregg Mance

Date Sampled:

9.25.09

Project Location:

1000 Driving Park Ave.

ROOF, Bldg. 13

Contact:

Rick Rote

Fax Number:

rrrote@labellapc.com

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB X TEM X

Project Number:

09.1400

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Job #:

11682-09

Page

2 of 2

Date Logged In:

9/29/09

Logged In By:

KS

9 of 12 coc

General Location: **Lab ID**

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 ROF.029	82887	spot #1 1 st layer	—	Blk	—	Roofing	NF
2 ROF.029A	888	2 nd layer	—	Blk	—	Roofing	NF
3 ROF.030	889	spot #2 1 st layer	—	Blk	—	Roofing	NF
4 ROF.030A	890	2 nd layer	—	Blk	—	Roofing	NF
5							
6							
7							
8							
9							
10							

CHECK ONE:

☒ SURVEY

☐ BULK ONLY

Sampled By: **G. Seibert / G. Lindsay** Date: **9.25.09**

Transported to Paradigm **Exp. 2.5.09** Date: **9.25.09**

Received By: **KS** Date: **9/29/09**

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS ☒

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY: **42**

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)



PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 12
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11683-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-031	82891	Roof, Layer 1	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 5%	95%
ROF-031A	82892	Roof, Layer 2	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 5%	95%
ROF-031B	82893	Roof, Layer 3	Black Roofing	Trace Chrysotile	<1.0%	√	<1.0% Residue Remaining. TEM Not Required	N/A	Fiberglass 1%	99%
FLA-032	82894	Roof Edges	Black Fibrous Flashing	Chrysotile 18%	18%	√	Not Required	N/A	Fiberglass 5%	77%
ROF-033	82895	Roof, Layer 1	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 5%	95%
ROF-033A	82896	Roof, Layer 2	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 5%	95%
ROF-033B	82897	Roof, Layer 3	Black Roofing	Trace Chrysotile	<1.0%	√	<1.0% Residue Remaining. TEM Not Required	N/A	Fiberglass 1%	99%
FLA-034	82898	Roof Edges	Black Flashing	Chrysotile 17%	17%	√	Not Required	N/A	Fiberglass 5%	78%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

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PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #233173
PLM Analyst: F. Childs

TEM Date Analyzed: 10/2/2009
TEM Analyst: J. Peter Donato

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608
585-454-1060 Fax 585-454-1062

Job Ticket #: **34832**

Client Mailing Address:

300 State St. Suite 201

Rochester NY 14614

General Location: **Roof Bldg. 12**

Sampling Location

Client ID	Lab ID	General Location	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 ROF-031	82891	soot layer 1		-	blk	-	ROF	nf
2 ROF-031A	892	layer 2		-		-	I	
3 ROF-031B	* 893*	layer 3		-		-	FLA	
4 FLA-032	894	edges		-		-	ROF	
5 ROF-033	895	layer 1		-		-	I	
6 ROF-033A	896	layer 2		-		-	FLA	
7 ROF-033B	897	layer 3		-		-		
8 FLA-034	898	edges		-		-		
9								
10								

Sampled By: **G. Siebert / B. Lindsay** Date: **9.25.09**

Transported to Paradigm **Envoy** Date: **9.25.09**

Received By: **KS** Date: **9/29/09**

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

Client: **Lebella Associates** Contact: **Rick Rate**

Phone Number: **414.8891** Fax Number: **rrate@labellapc.com**

Results To: **Gregg Mance** Turn Around Time: ☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐ Other ☐

Date Sampled: **9.25.09** Material Type/Quantity: **NOB X TEM X**

Project Location: **1000 Driving Park Ave.** Project Number: **09.1400**

Job #: **82891**

Page: **2** of **2**

Date Logged In: **9/29/09**

Logged In By: **KS**

10 of 12 COC

11683-09

OFFICE USE ONLY

BULKS ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY: **42**

CHECK ONE: ☒ SURVEY ☐ BULKS ONLY



PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 5
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11684-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-035	82899	Roof, Layer 1	Black Roofing	Chrysotile 2.0%	2.0%	√	Not Required	N/A	None Detected	98%
ROF-035A	82900	Roof, Layer 2	Black Roofing	Unable to Separate; See Above Sample # ROF-035	N/A		N/A	N/A	N/A	N/A
ROF-035B	82901	Roof, Layer 3	Black Fibrous Roofing	Chrysotile 32%	32%	√	Not Required	N/A	None Detected	68%
ROF-035C	82902	Roof, Layer 4	Black Roofing	Inconclusive. Trace Chrysotile Detected.	<1.0%	√	Chrysotile 2.7%	2.7%	None Detected	100%
FLA-036	82903	Roof Edges	Black Fibrous Flashing	Chrysotile 17%	17%	√	Not Required	N/A	None Detected	83%
ROF-037	82904	Roof, Layer 1	Black Roofing	Inconclusive. Trace Chrysotile Detected.	<1.0%	√	Trace Chrysotile	<1.0%	None Detected	100%
ROF-037A	82905	Roof, Layer 2	Black Roofing	Trace Chrysotile	<1.0%	√	<1.0% Residue Remaining. TEM Not Required	N/A	None Detected	100%
ROF-037B	82906	Roof, Layer 3	Black Fibrous Roofing	Chrysotile 35%	35%	√	Not Required	N/A	None Detected	65%
ROF-037C	82907	Roof, Layer 4	Black Roofing	Inconclusive. Trace Chrysotile Detected.	<1.0%	√	Trace Chrysotile	<1.0%	None Detected	100%
FLA-038	82908	Roof Edges	Black Fibrous Flashing	Chrysotile 18%	18%	√	Not Required	N/A	None Detected	82%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ **NOB (non-friable organically bound) Classified for Analytical Purposes Only.**

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #234206
PLM Analyst: B. Weinman

TEM Date Analyzed: 10/2/2009
TEM Analyst: J. Peter Donato

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608
585-454-1060 Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	Lebella Associates	Contact:	Rick Rote	Job #:	11684-09
Phone Number:	414-8891	Fax Number:	FTrote@lebellapc.com	Page	2 of 2
Results To:	Gregg Mance	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>	Date Logged In:	9/29/09
Date Sampled:	9.25.09	Material Type/Quantity:	NOB X TEM X	Logged In By:	KS
Project Location:	1000 Driving Park Ave.	Project Number:	09.1400	11 of 12 COC	

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 ROF-035	82899	roof layer 1	-	Blk	-	Roofing	NF
2 ROF-035 A	900	layer 2	-	-	-	-	-
3 ROF-035 B	901	layer 3	-	-	-	-	-
4 ROF-035 C	902	layer 4	-	-	-	Flashing	-
5 FLA-036	903	edges	-	-	-	Roofing	-
6 ROF-037	904	layer 1	-	-	-	-	-
7 ROF-037 A	905	layer 2	-	-	-	-	-
8 ROF-037 B	906	layer 3	-	-	-	-	-
9 ROF-037 C	907	layer 4	-	-	-	Flashing	-
10 FLA-038	908	edges	-	-	-	-	-

Sampled By: G. Seibert / B. Lindsay	Date: 9.25.09
Transported to Paradigm by: [Signature]	Date: 9.25.09
Received By: KS	Date: 9/29/09

CHECK ONE: SURVEY ☒ BULKS ONLY ☐

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS ☒

or provide TEM contact name: _____

TOTAL NUMBER OF SAMPLES IN SURVEY: 42

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)



PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 4
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11685-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-039	82909	Roof	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
FLA-040	82910	Roof Edge	Black Flashing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Synthetic 1%	99%
ROF-041	82911	Roof	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
FLA-042	82912	Roof Edge	Black Flashing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Synthetic 1%	99%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #233173
PLM Analyst: F. Childs

TEM Date Analyzed: 10/1/2009
TEM Analyst: M. Hasenauer

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585-434-1060 Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS OFFICE USE ONLY

Client: Lebella Associates	Contact: Rick Rote	Job #: 11685-09
Phone Number: 414.8891	Fax Number: FTrote@lebellapac.com	Page 2 of 2
Results To: Gregg Mance	Turn Around Time: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>	Date Logged In: 9/29/09
Date Sampled: 9.25.09	Material Type/Quantity: Friable NOB X TEM X	Logged In By: KS
Project Location: 1000 Driving Park Ave.	Project Number: 09.1400	10512 COC

Job Ticket #: **34832**

Client Mailing Address:
300 State St. Suite 201

Rockster NY 14614

General Location: **Roof Bldg. 4**

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 ROF-039	82909	roof	-	Blk	-	roofing	NF
2 FLA-040	910	roof edge	-	-	-	FLA	NF
3 ROF-041	911	roof	-	-	-	rof	NF
4 FLA-042	912	roof edge	-	-	-	FLA	NF
5							
6							
7							
8							
9							
10							

Sampled By: G. Seibert / B. Lindsay Date: 9.25.09	CHECK ONE: SURVEY <input checked="" type="checkbox"/> BULKS ONLY <input type="checkbox"/>
Transported to Paradigm Lab Date: 9.25.09	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS
Received By: KS Date: 9/29/09	or provide TEM contact name:
	TOTAL NUMBER OF SAMPLES IN SURVEY: 42

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger, May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608

585-454-1060 • Fax 585-454-1062

Job Ticket #:

34832

Client Mailing Address:

300 State St. Suite 201

Rochester NY 14614

General Location:

Roof

Client:

Lebella Associates

Phone Number:

414-8891

Results To:

Gregg Mance

Date Sampled:

9-25-09

Project Location:

1000 Driveway Park Ave.

Contact:

Rick Rote

Fax Number:

rrrote@labellapc.com

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB X TEM X

Project Number:

09-1400

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Job #:

11675-09

Page

0 of 2

Date Logged In:

9/29/09

Logged In By:

KS

2 of 12 COC

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 TAR-003D	82841	Roof Levers	-	DIK	-	TES	NF
2 FLA-0004	842	Roof edge	-	"	-	FLA	NF
3							
4							
5							
6							
7							
8							
9							
10							

CHECK ONE: ☒ SURVEY ☐ BULKS ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS ☒

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY: 42

Sampled By: G. Seibert / B. Lindsay Date: 9-25-09

Transported to Paradigm by Jeff P. Lat Date: 9-25-09

Received By: KS Date: 9/29/09

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

ENVOY

environmental consultants, inc.

145 Lake Avenue, Rochester, NY 14608
585-454-1000 Fax 585-454-1062

Job Ticket #: **34832**
Client Mailing Address:
300 State St. Suite 201
Rochester NY 14614

General Location: **Roof, Bldg. 2**

Client: **Lebella Associates**
Phone Number: **414.8891**
Results To: **Gregg Mance**
Date Sampled: **9.25.09**
Project Location: **1000 Driving Park Ave.**
Roof, Bldg. 2

Contact: **Rick Rote**
Fax Number: **rrrote@labellapc.com**
Turn Around Time: ☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐ Other
Material Type/Quantity: **NOB X** **TEM X**
Friable
Project Number: **09.1400**

OFFICE USE ONLY

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 RoF.009	82849	Spot #1 1st layer	—	BLK	—	Roofing	NF
2 RoF.009A	8501	2nd layer	—	BLK	—	RoF	NF
3 RoF.009B	851	3rd layer	—	BLK	—	RoF	NF
4 FLA.010	852	Spot #1 1st layer	—	BLK	—	Flashing	NF
5 RoF.011	853	Spot #2 2nd layer	—	BLK	—	RoF	NF
6 RoF.011A	854	3rd layer	—	BLK	—	RoF	NF
7 RoF.017B	855	Spot #2	—	BLK	—	RoF	NF
8 FLA.012	856		—	BLK	—	FLA	NF
9							
10							

Sampled By: **G. Seibert / B. Lindsay** Date: **9.25.09**
Transported to Paradigm **Envoy** Date: **9.25.09**
Received By: **KS** Date: **9/29/09**

CHECK ONE: ☒ SURVEY ☐ BULKS ONLY
CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS ☒
or provide TEM contact name:
TOTAL NUMBER OF SAMPLES IN SURVEY: **42**

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

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145 Lake Avenue, Rochester, NY 14608

585-454-1060 Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	Rebella Associates	Contact:	Rick Rote	Job #:	11476-09
Phone Number:	414.8891	Fax Number:	FTrote@lobelapc.com	Page	0 of 22
Results To:	Gregg Mance	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>	Date Logged In:	9/29/09
Date Sampled:	9.25.09	Material Type/Quantity:	NOB X TEM X	Logged In By:	KS
Project Location:	1000 Driving Park Ave.	Project Number:	09.1400		3 of 12 COC

General Location:

Roof Bldg. 16

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Fraility
1 ROF-005	82843	ROF legs 1	-	Blk	-	ROF	NF
2 ROF-005A	844	legs 2	-	-	-	"	-
3 FLA-006	845	edge	-	-	-	FLA	-
4 ROF-007	846	legs 1	-	-	-	ROF	-
5 ROF-007A	847	legs 2	-	-	-	"	-
6 FLA-008	848	edge	-	-	-	FLA	-
7							
8							
9							
10							

Sampled By:	G. Seibert / B. Lindsay	Date:	9.25.09
Transported to Paradigm	offsite	Date:	9.25.09
Received By:	KS	Date:	9/29/09

CHECK ONE:	SURVEY	<input checked="" type="checkbox"/>	BULKS ONLY	<input type="checkbox"/>
CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS				
or provide TEM contact name:				
TOTAL NUMBER OF SAMPLES IN SURVEY:				

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)



PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Roof, Building 11
1000 Driving Park Avenue, Rochester, New York
Sample Date: 9/25/2009

Job No: 11674-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
ROF-001	82831	Roof, Layer 1	Black Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 5%	95%
ROF-001A	82832	Roof, Layer 2	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 15%	85%
ROF-001B	82833	Roof, Layer 3	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 5% Mineral Wool 40%	55%
ROF-001C	82834	Roof, Layer 4	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 5% Mineral Wool 30%	65%
TAR-001D	82835	Roof, Layer 5	Black Fibrous Tar	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 10% Mineral Wool 5%	85%
FLA-002	82836	Roof Edge	Black Fibrous Flashing	Chrysotile 11%	11%	√	Not Required	N/A	Cellulose 10%	79%
ROF-003	82837	Roof, Layer 1	Black Fibrous Roofing	None Detected	0%	√	<1.0% Residue Remaining. TEM Not Required	N/A	Cellulose 10% Mineral Wool 5%	85%
ROF-003A	82838	Roof, Layer 2	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 15%	85%
ROF-003B	82839	Roof, Layer 3	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 10% Mineral Wool 15%	75%
ROF-003C	82840	Roof, Layer 4	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Cellulose 10% Mineral Wool 20%	70%



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 10/1/2009
Microscope: Olympus BH-2 #232953
PLM Analyst: J. Peter Donato

TEM Date Analyzed: 10/1/2009
TEM Analyst: M. Hasenauer

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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585-454-1060 Fax 585-454-1062

Job Ticket #: 34832

Client Mailing Address:

300 State St. Suite 201

Rochester NY 14614

General Location:

Roof Ditch

Client:

Lebella Associates

Phone Number:

414.8891

Results To:

Gregg Mance

Date Sampled:

9.25.09

Project Location:

1000 Driving Park Ave.

Contact:

Rick Rate

Fax Number:

rrate@labellapc.com

Turn Around Time:

1 ☐ 2 ☐ 3 ☐ 5 ☒ Other ☐

Material Type/Quantity:

Friable NOB X TEM X

Project Number:

09.1400

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Job #: 11674-09

Page

2 of 2

Date Logged In: 9/29/09

Logged In By: KS

10512COC

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 ROF-001	82831	Roof Jaxrs 1	-	Blk	-	ROF	NF
2 ROF-001A	832	1-jaxrs 2	-		-	ROF	
3 ROF-001B	833	1-jaxrs 3	-		-	ROF	
4 ROF-001C	834	1-jaxrs 4	-		-	ROF	
5 STAR-001D	835	1-jaxrs 5	-		-	FLA	
6 FLA-002	836	2-jaxrs	-		-	FLA	
7 ROF-003	837	1-jaxrs 1	-		-	ROF	
8 ROF-003A	838	1-jaxrs 2	-		-	ROF	
9 ROF-003B	839	1-jaxrs 3	-		-	ROF	
10 ROF-003C	840	1-jaxrs 4	-		-	ROF	

BULKS ONLY

SURVEY

CHECK ONE:

☒

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY:

42

Sampled By: G. Seibert / B. Lindsay Date: 9.25.09

Transported to Paradigm by Jeff J. Date: 9.25.09

Received By: KS Date: 9/29/09

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel or regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

K No Tem



PLM & TEM BULK ASBESTOS REPORT

Job No: 11675-09
Page: 1 of 2

NVLAP®

ELAP ID No.: 10958

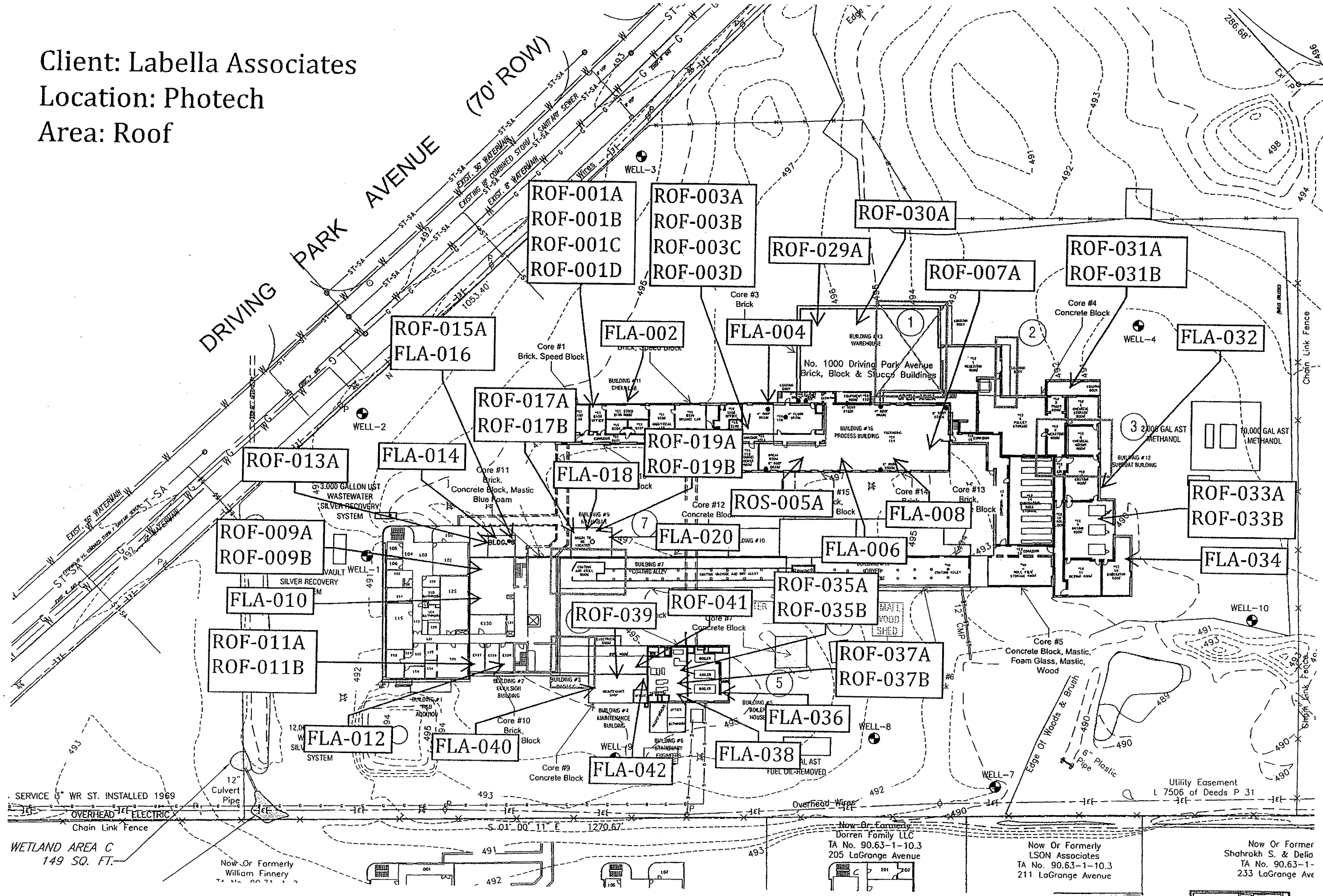
✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

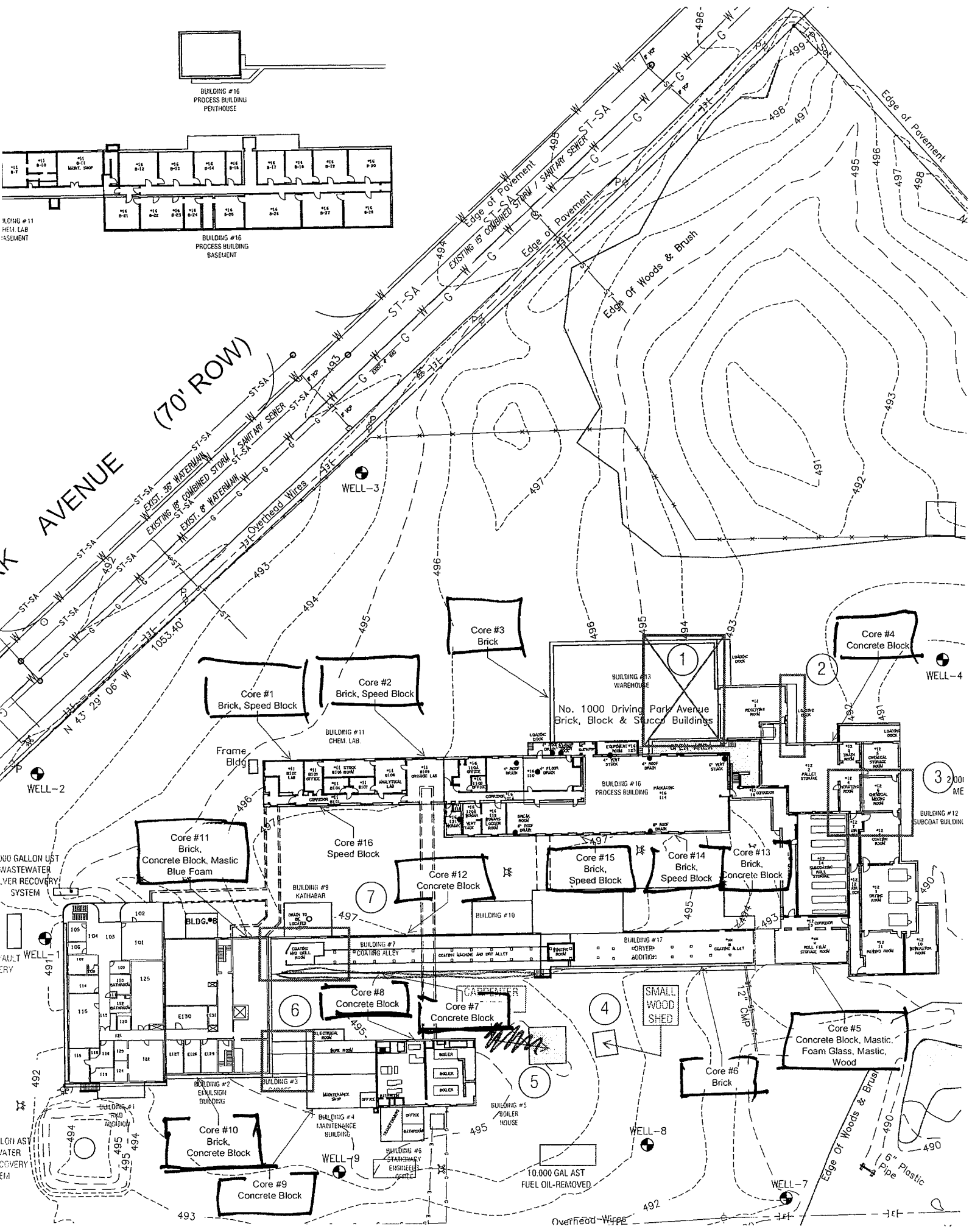
TEM Date Analyzed: 10/1/2009
TEM Analyst: M. Hasenauer

Mary Dohr

11675-09.xls 10/2/2009

Client: Labella Associates
Location: Photech
Area: Roof







PLM & TEM BULK ASBESTOS REPORT

Client: Labella Associates
Location: Former Phototech Imaging Systems

Job No: 10741-09
Page: 1 of 2

Sample Date: 9/3/2009

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
MAS-001	76359	Building 2 Core Location #11	Brown Mastic	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
WPL-002	76360	Building 2 Core Location #11	White Wall Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
MAS-003	76361	Building 2 Core Location #11	Brown Mastic	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
WPL-004	76362	Building 2 Core Location #11	White Wall Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
MAS-005	76363	Building 12 Core Location #5	Brown Fibrous Mastic	Chrysotile 35%	35%	√	Not Required	N/A	None Detected	65%
WPL-006	76364	Building 12 Core Location #5	Gray Wall Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
MAS-007	76365	Building 12 Core Location #5	Black Fibrous Mastic	Chrysotile 27%	27%	√	Not Required	N/A	None Detected	73%
MAS-008	76366	Building 12 Core Location #5	Brown Fibrous Mastic	Chrysotile 17%	17%	√	Not Required	N/A	None Detected	83%
WPL-009	76367	Building 12 Core Location #5	Gray Wall Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
MAS-010	76368	Building 12 Core Location #5	Black Mastic	Sample Not Analyzed No Mastic Present	N/A	√	N/A	N/A	N/A	N/A



Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

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PLM Date Analyzed: 9/8/2009
Microscope: Olympus BH-2 #233173
PLM Analyst: F. Childs

TEM Date Analyzed: 9/10/2009
TEM Analyst: J. Peter Donato

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

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145 Lake Avenue, Rochester, NY 14608

585-454-1060 * Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	Kabella Associates	Contact:	Rick Pate / Dennis Porter
Phone Number:	414.8891 / 451.4854	For Number:	RTate@kabella.com
Job Ticket #:	31911	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Client Mailing Address:	300 State St., Suite 201	Material Type/Quantity:	NOB TEM
Date Sampled:	9.3.09	Project Location:	Former Phototech Imaging Systems
Results To:	G. Mance	Project Number:	09.1323

Job #:	1074-09
Page	2 of 2
Date Logged In:	9.4.09
Logged In By:	SM

General Location:

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Fraility
1 MAS-001	76359	Bldg 2 Core Location # 11	ANT, CEN, WPL	BROWN	N/A	MAS	NF
2 WPL-002	3600	" " " "	MAS, CEN, ANT	WHITE	N/A	WPL	NF
3 MAS-003	3601	" " " "	ANT, CEN, WPL	BROWN	N/A	MAS	NF
4 WPL-004	3602	" " " "	MAS, CEN, ANT	WHITE	N/A	WPL	NF
* MAS-005	NO 3603	* Bldg 12 Core Location # 5	WPL, ANT	BROWN	N/A	MAS	NF
6 WPL-006	3604	" " " "	MAS, PNT	GRAY	N/A	WPL	NF
7 MAS-007	3605	" " " "	FRAM GLASS	GLAZ	N/A	MAS	NF
8 MAS-008	3606	" " " "	WPL, PNT, FRAM	BROWN	N/A	MAS	NF
9 WPL-009	3607	" " " "	FRAM, ANT, MAS	GRAY	N/A	WPL	NF
10 MAS-010	3608	" " " "	FRAM	BLACK	N/A	MAS	NF

CHECK ONE: SURVEY

☒

BULKS ONLY

☐

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

☒

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY:

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

Sampled By:	G. Siebert / G. Mance	Date:	9.3.09
Transported to Paradigm By:	John Pate	Date:	9.3.09
Received By:	SM	Date:	9.4.09