

Pre-Demolition Asbestos Survey Report  
for  
The Euclid Building  
of  
Midtown Plaza Complex  
Rochester, New York



*Prepared for:*



Upstate Empire State Development Corp.  
400 Andrews Street, Suite 100  
Rochester, New York 14604

*Prepared by:*



***LiRo Engineers, Inc.***

690 Delaware Avenue  
Buffalo, New York 14209

FINAL  
November 26, 2008



# ***Report of Asbestos Survey Services***

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# *Report of Asbestos Survey Services*

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## **1.0 EXECUTIVE SUMMARY**

LiRo Engineers, Inc. (LiRo) was retained to prepare an asbestos survey for pre-demolition purposes at the Euclid Building (occupied commercial structure). The Euclid Building consists of a basement and 4 floors totaling approximately 87,500 square feet of floor space. JMD Environmental, Inc. (JMD) conducted the field sampling on behalf of LiRo and collaborated with LiRo in preparation of this asbestos survey report. Field work related to the survey was conducted during August 2008. Supplemental sampling was conducted on November 3, 2008. In total, seventy-six (76) samples were collected by JMD for asbestos analysis from the area (EMSL Analytical Job # 81-21-104), and only represent conditions as of November 2008.

Figure 1 illustrates the location of the Euclid Building in relation to the rest of the Midtown Plaza. The Euclid Building was occupied at the time of the inspection. As a results, building access and destructive sampling was limited.

The purpose of the survey was to determine the presence, location and condition of ACM (asbestos containing materials) within the described scope of work at the above referenced location. This survey includes the following:

- Identification of suspect asbestos containing materials.
- Sampling and analysis of suspect materials.
- Identification of the location, approximate quantity, friability and condition of confirmed asbestos containing materials.

Data from previous sampling conducted by A.A.C. Contracting, Inc. (Job No. 5261, dated October 1990) is also incorporated into this report. The referenced data is attached as Appendix E of this report.

Analytical results of bulk samples collected indicate the following materials **contain asbestos** (greater than 1-percent).

- Spray-on Fireproofing – 246,700 SF
- Ceiling systems – 74,800 SF
- Pipe Insulation – 1,300 LF
- Fittings on fiberglass pipe insulation – 705 fittings
- Floor tile/mastic – 73,600 SF
- Roof flashing – 2,000 LF
- Roof vents/drains – 15 each
- Windows with ACM caulk – 1,008 windows
- Fire doors – 26 doors
- Heat Exchanger Insulation – 250 SF
- Mirror mastic – 800 SF
- Elevator components – 4 each



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### **2.0 FIELD SURVEY PROCEDURES AND SAMPLE ANALYSIS METHODS**

Guidelines used for the inspection were established by the Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, Office of Pesticides and Toxic Substances, Doc 560/5-85-024, and 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA).

Field information was organized in accordance with the AHERA methodology of homogenous area (HA). During the survey, reasonable effort was made to identify all locations and types of ACM materials associated with the scope of work. Sampling has included multiple samples of the same materials chosen at random. However, due to inconsistencies of a manufacturer's processes and the contractor's installation methods, materials of similar construction may contain various amounts of asbestos. Furthermore, some materials that were not originally specified to contain asbestos may in fact contain this mineral. For example, cementitious pipe insulation and plaster were frequently mixed with asbestos at the construction site for ease of application. Locating all asbestos materials can only be definitively achieved by conducting exploratory demolition and sampling every section of pipe insulation, fitting or valve covering, fireproofing, and other suspect ACM.

Bulk samples of suspect ACM were analyzed using polarized light microscopy (PLM) coupled with dispersion staining, as described in 40 CFR Part 763 and the National Emissions Standard for Hazardous Air Pollutants (NESHAPS). NESHAPS is the standard industry protocol for the determination of asbestos in building materials. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The color displays that result are compared to a standardized atlas whereby the specific variety of asbestos is determined. It should also be recognized that PLM is primarily a qualitative identification method whereby asbestos percentage, if any, is estimated. While EPA and New York State regulations governing ACM consider materials containing greater than 1-percent as asbestos, accurately quantifying asbestos content below 5-percent has been shown to be unreliable.

The New York State Department of Health has revised the PLM Stratified Point Counting Method. The new method, "Polarized Light Microscopy Methods for Identifying and Quantifying Asbestos in Bulk Samples" can be found as item 198.1 in the Environmental Laboratory Approval program (ELAP) Certification manual. The method specifies a procedure of analysis for bulk samples that fall into the category of "Non-friable Organically Bound" (NOB). This category includes any sample in a flexible to rigid asphalt or vinyl matrix (floor tiles, mastic, roofing shingles, roofing felt, etc.). Additional materials that may fall into this category are textured paints and stucco, pipe valve and joint packing, and a variety of other applications. These samples must be "ashed" in a muffle furnace at 480-degrees Celsius (to remove organic matrix), treated with acid (to remove any mineral carbonate), and filtered through a 0.4-micron filter before being analyzed by PLM. The sample must be weighted between each of these steps to track the percent loss of organic matrix.

ELAP has determined that analysis of NOB materials is not reliably performed by PLM. Therefore, if PLM yields results of 1-percent asbestos or less, the result must be confirmed by TEM. Bulk





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samples that undergo TEM analysis use the sample reduction methodology stated above for NOB analysis by PLM. ELAP certified laboratories must include the following statement with their PLM analysis results for each “negative” (1-percent or less asbestos) NOB sample: "Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Before this material can be considered or treated as non-ACM, confirmation must be made by quantitative transmission electron microscopy".

All samples were initially analyzed by Polarized Light Microscopy. Samples which yielded a negative PLM result and which are classified as a "non-friable" material, were then re-analyzed utilizing Transmission Electron Microscopy methodology described above. The laboratory performing both these analysis procedures was EMSL Analytical, Inc. located at 307 West 38<sup>th</sup> Street, New York, New York. EMSL is accredited with the following agencies:

- National Voluntary Laboratory Accreditation Program (Lab Code 101048-9)
- New York State Environmental Laboratory Approval Program (Lab ID No. 11506)



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### 3.0 INSPECTION SCOPE AND MATERIAL ASSESSMENT RESULTS

The intent of this survey was to locate and identify asbestos containing materials located throughout the building in order to schedule its removal in anticipation of site demolition.

The following suspect materials were sampled and analyzed for asbestos content. Materials listed in **BOLD PRINT** were determined to be asbestos containing. Analytical data is included in Appendix A of this report. Sample locations are illustrated on the bulk sample location figures included as Appendix C of this report. A photographic log is included as Appendix D.

Homogeneous Material	Sample #'s	Reference Figure	ACM	Friability
<b>Spray-on Fireproofing</b>	<b>AAC – EUH1-S1,S2,S3,S4,S5,S6,S7</b>	<b>BSL-4</b>	<b>Y</b>	<b>Friable</b>
<b>Pipe Insulation</b>	<b>AAC – EUH4-S14,S15,S16</b>	<b>BSL-1</b>	<b>Y</b>	<b>Friable</b>
<b>Fittings on fiberglass pipe insulation</b>	<b>AAC – EUH2-S8,S9,S10, EUH3-S11,S12,213, EUH5-S17,S18,S19</b>	<b>BSL-1</b>	<b>Y</b>	<b>Friable</b>
<b>Heat exchanger insulation</b>	<b>AAC – EUH8-S26, S27</b>	<b>BSL-1</b>	<b>Y</b>	<b>Non-friable</b>
<b>Ceiling material</b>	<b>AAC – EUH9-S28,S29,S30</b>	<b>BSL-1</b>	<b>Y</b>	<b>Friable</b>
Drywall / joint compound	EU-01, 02, 03, 04, 05, 06 MM-74, 75, 76, 243, 244, 245, 246	BSL-1,4,5	N	-
Red duct caulk	EU-07, 08	BSL-4	N	-
Plaster	EU-09, 10, 11, 12, 13, 14, 15	BSL-1,2,4,5	N	-
Window caulk/glaze – gray exterior	EU-16, 17	BSL-6	N	-
Linoleum	MM-70, 71	BSL-2	N	-
<b>Window caulk/glaze – mall level</b>	<b>MM-72, 73</b>	<b>BSL-2</b>	<b>Y</b>	<b>Non-friable</b>
<b>Window caulk</b>	<b>EU-EC01A, B</b>	<b>BSL-4</b>	<b>Y</b>	<b>Non-friable</b>
Ceiling tile (2x4)	MM-247	BSL-2	N	-
Roof field (R-1)	EU-18, 19	BSL-6	N	-
Flashing (R-1)	EU-20, 21	BSL-6	N	-
Roof field (R-2)	EU-22, 23	BSL-6	N	-
<b>Flashing (R-2)</b>	<b>EU-24, 25</b>	<b>BSL-6</b>	<b>Y</b>	<b>Non-friable</b>
Vibration cloth	EU-26, 27	BSL-6	N	-



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<b>Homogeneous Material</b>	<b>Sample #'s</b>	<b>Reference Figure</b>	<b>ACM</b>	<b>Friability</b>
<b>Duct caulk at vent</b>	<b>EU-28, 29</b>	<b>BSL-6</b>	<b>Y</b>	<b>Non-friable</b>
Seam caulk - black	EU-30, 31	BSL-6	N	-
Seam caulk – gray	EU-32, 33	BSL-6	N	-
“Plaster” in halo	EU-34, 35	BSL-6	N	-
<b>Silver flashing (R-2)</b>	<b>EU-36, 37</b>	<b>BSL-6</b>	<b>Y</b>	<b>Non-friable</b>
Roof field 2 (R-1)	EU-38, 39	BSL-6	N	-
<b>Vent pipe caulk</b>	<b>EU-40, 41</b>	<b>BSL-6</b>	<b>Y</b>	<b>Non-friable</b>
<b>12x12 Beige floor tile/mastic</b>	<b>EU-42, 43</b>	<b>BSL-4</b>	<b>Y</b>	<b>Non-friable</b>
Computer floor mastic	EU-44, 45	BSL-4	N	-
<b>Linoleum/mastic</b>	<b>EU-46</b>	<b>BSL-4</b>	<b>Y</b>	<b>Non-friable</b>
<b>Residual mastic</b>	<b>EU-47, 48</b>	<b>BSL-1</b>	<b>Y</b>	<b>Non-friable</b>
<b>12x12 Gray floor tile/mastic</b>	<b>EU-49, 50</b>	<b>BSL-1</b>	<b>Y</b>	<b>Non-friable</b>
Rope gasket	EU-51, 52	BSL-1		-
<b>9x9 Tan floor tile</b>	<b>EU-53</b>	<b>BSL-1</b>	<b>Y</b>	<b>Non-friable</b>
<b>12x12 White floor tile</b>	<b>EU-54</b>	<b>BSL-1</b>	<b>Y</b>	<b>Non-friable</b>
<b>Exterior Caulk – mall level</b>	<b>ME-01, 02, 03, 04</b>	<b>BSL-2</b>	<b>Y</b>	<b>Non-friable</b>



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### **4.0 CONCLUSIONS AND RECOMMENDATIONS**

Various types of ACM materials have been identified in our survey. These materials, reported in Section 3.0 of this report, will require complete abatement in accordance with applicable codes, rules and regulations prior to the start of the proposed demolition activities. The following table summarizes ACM locations, quantities and conditions as of the time of this survey.

<b>Location/Area</b>	<b>Asbestos Containing Material</b>	<b>Approximate Quantity</b>	<b>Condition</b>
Basement	Spray-on Fireproofing	46,000 SF	Fair
	Ceiling system	2,700 SF	Fair
	Pipe Insulation	1,300 LF	Fair
	Heat exchanger insulation	250 SF	Fair
	Fittings on Fiberglass Pipe Insulation	510 each	Fair
	Floor tile/mastic	4,700 SF	Fair
	Fire Doors	10 each	Fair
1 <sup>st</sup> Floor	Spray-on Fireproofing	34,000 SF	Fair
	Ceiling system	16,200 SF	Fair
	Fittings on Fiberglass Pipe Insulation	40 each	Fair
	Floor tile/mastic	13,000 SF	Fair
	Windows with ACM caulk	25 each	Fair
	Fire Doors	3 each	Fair
	Roof flashing	600 LF	Fair
	Mirror mastic	200 SF	Fair
2 <sup>nd</sup> Floor	Spray-on Fireproofing	60,500 SF	Fair
	Ceiling system	20,500 SF	Fair
	Fittings on Fiberglass Pipe Insulation	40 each	Fair
	Floor tile/mastic	20,500 SF	Fair
	Fire Doors	3 each	Fair
	Mirror mastic	200 SF	Fair
	Windows with ACM caulk	192 each	Fair



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Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
3 <sup>rd</sup> Floor	Spray-on Fireproofing	51,300 SF	Fair
	Ceiling system	17,700 SF	Fair
	Fittings on Fiberglass Pipe Insulation	40 each	Fair
	Floor tile/mastic	17,700 SF	Fair
	Fire Doors	3 each	Fair
	Mirror mastic	200 SF	Fair
	Windows with ACM caulk	339 each	Fair
4 <sup>th</sup> Floor	Spray-on Fireproofing	51,300 SF	Fair
	Ceiling system	17,700 SF	Fair
	Fittings on Fiberglass Pipe Insulation	75 each	Fair
	Floor tile/mastic	17,700 SF	Fair
	Fire Doors	5 each	Fair
	Mirror mastic	200 SF	Fair
	Windows with ACM caulk	452 each	Fair
Roof Areas (includes roof and elevator penthouse)	Spray-on Fireproofing	3,600 SF	Fair
	Flashing	1,400 LF	Fair
	Fire Doors	2 each	Fair
	Roof vents/drains	15 each	Fair
	Elevator components	4 each	Fair

### NOTES:

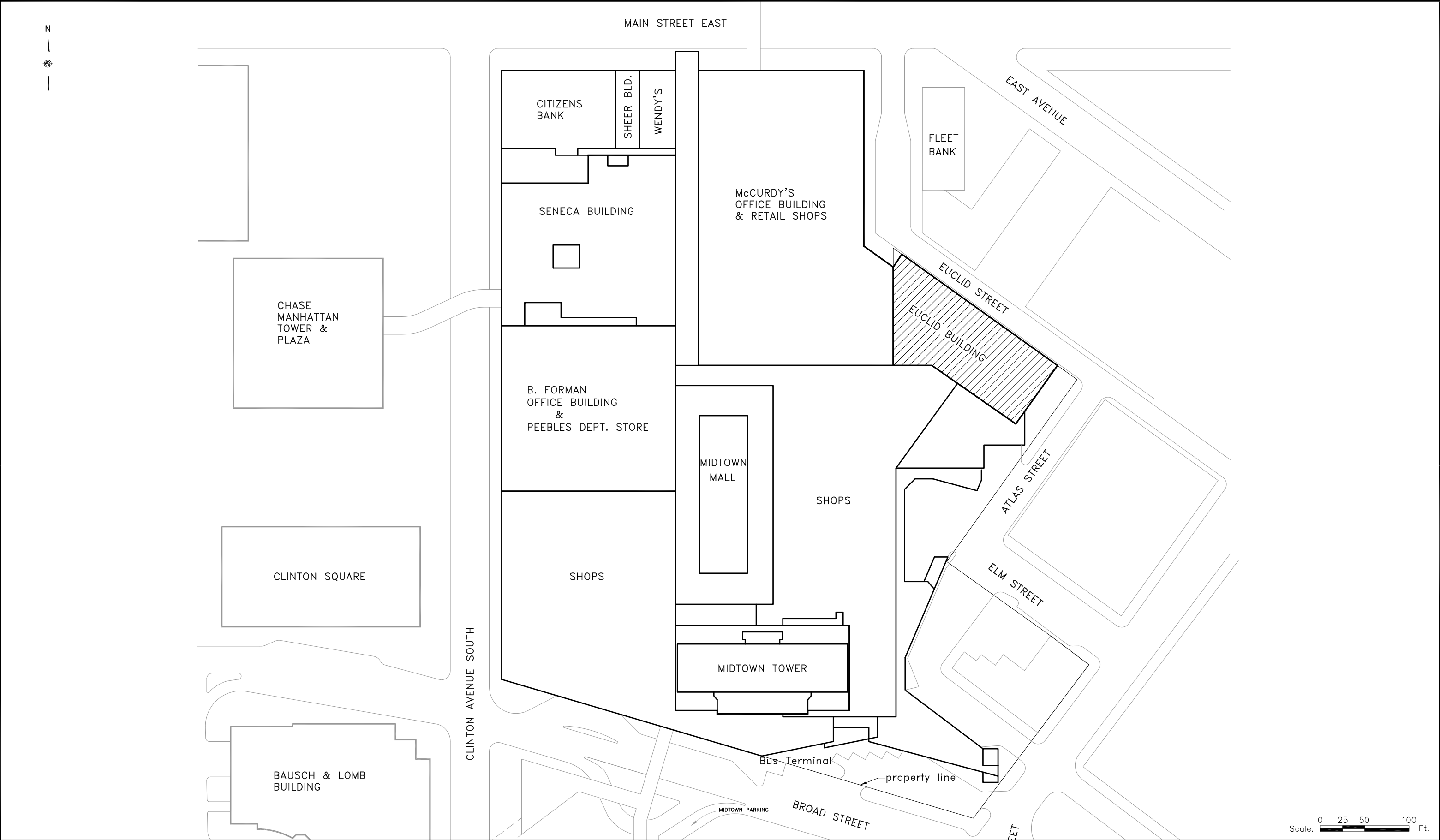
1. Varying sizes of structural steel members and overspray were taken into consideration when quantifying the spray-on fireproofing in all areas.
2. All materials located above suspended and fixed ceiling systems (including pipe insulation/fittings) are to be considered contaminated by asbestos containing fireproofing and are to be abated as part of the ceiling system.
3. Fittings on fiberglass pipe insulated lines in this building are asbestos containing (including when not located in spray-on fireproofing contaminated areas). All fittings were previously reported as being asbestos containing (please refer to the enclosed AAC Contracting data found in Appendix E of this report).
4. Quantities of pipe insulation reported above only include material not associated with areas of spray-on fireproofing and plaster ceilings. Pipe insulation located above the ceiling in areas containing spray-on fire proofing and/or plaster ceilings shall be removed as part of the fireproofing/ceiling system abatement.




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5. Ceiling systems include all materials above the drop ceilings/plaster ceilings (interior ceilings and exterior plaster overhang), including the ceilings themselves and any pipe or duct insulation located above them. All materials located above the ceilings should be assumed to be contaminated with ACM.
6. Energized wire was not sampled for the presence of asbestos in this building. This material should be treated as asbestos containing until determined otherwise via bulk sampling.
7. All mastic applied to mirrors is to be considered asbestos containing. This includes, but is not limited to mirrors installed in restrooms, store showrooms, dressing room areas and elevator lobbies.
8. Roof vents have been installed with ACM flashing material and rope gaskets. Additionally, ACM caulk is associated with the roof vents and drains. Roof vents and drains, along with their associated caulk and flashing, should be removed as ACM.



<div>WARNING</div> <div>IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.</div>				<div><div>LIRo Engineers, Inc. 690 Delaware Ave. Buffalo, New York</div></div>	PROJ. ENG.:	<div>Empire State Development</div> <div>400 Andrews Street, Suite 100 Rochester, New York 14604-1409</div>		JOB TITLE AND LOCATION:		LIRo JOB NO.:	
	DESIGNED BY:	EUCLID BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK			08-21-104						
	CHECKED BY:				SHEET			OF			
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## *Report of Asbestos Survey Services*

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### **APPENDIX A:**

### **BULK SAMPLE FIELD DATA SHEETS WITH CHAIN OF CUSTODY AND LABORATORY RESULTS**



**LTRD**  
JMD Services Project Number  
**MANHATTAN - EXUO**  
Type of Survey and Address  
**31 July 08**  
Survey Date  
**24 HR 48 HR 3DAY**  
Number of Samples  
**6-10 day**  
Results Due By

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
EV-01	Original Joint Compound	4th fl			
02		4th fl			
03		4th fl			
04		3rd fl			
05		3rd fl			
06		3rd fl			
07	Red Dust Caulk	Window Radiator Units 4th			
08					
09	PLASTER	4th			
10		4th			
11		4th			
12		3rd			
13		3rd			
14		1st			
15		B			
EV-16	Window Caulk/Glaze Bay	Exterior			

Comments / Special Instructions / Notes:  
☐ Positive Stop per group  
☒ Analyze PLM then TEM if negative AND NOB  
PLMF 17  
email results to - [rbarr27@yahoo.com](mailto:rbarr27@yahoo.com)

**Thur**  
Date and Time  
**08/15/08 5pm**  
Received By:  
**08/16/08 5pm**  
Overall: 08/06/08

61R0

140804298

JMD Services Project Number

31 July 08  
Survey Date

24 HR 48 HR 3DAY

MUDDOWN - EXCLD

Type of Survey and Address

Owner / Agent

Number of Samples

Results Due By

6-10 day

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
EV-17	Window Caulk / Glass Seal	Exterior			
18	Profing	R1			
19	"	"			
20	Flashing	R1			
21	"	"			
22	Profing	R2			
23	"	"			
24	Flashing	R2			
25	"	"			
26	Vibration Cloth	R2			
27	"	"			
28	Door Caulk e Vent	R2			
29	"	"			
30	Seam Caulk Black	@ Junction to Aljeant Bldg			
31	"	"			
EV-32	Seam Caulk Gray	"			

08 AUG - 6 AM 10:05  
EMSL MANHATTAN  
RECEIVED

Comments / Special Instructions / Notes:

☐ Positive Stop per group

☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

Suber

8/1/08 5pm

Sampled / Relinquished By

Date and Time

Received By

8/5/08 5pm

Quack. 08/06/08

JMD SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

120

140 804298

JMD Services Project Number		31 July 08		24 HR 48 HR 3DAY	
Type of Survey and Address		Survey Date		Results Due By	
Middown - Eucaly		6-10 day			
Owner / Agent		Number of Samples			
Field Sample #	Material Description	Location	Amount	Cnd	F/NF
EV-33	Seam Caulk form	C McCurdy's			
34	"Plaster" in t/lalo	Ref			
35	" "	"			
36	Silver Flashing	R2			
37	" "	"	Small amount		
38	Flag Field (2)	R1			
39	" "	"			
40	Vent Pipe Caulk	R2			
41	" "	"			
42	12x12 Beige F.T. w/mastic	3rd fl			
43	" "	"			
44	Composite Floor Joint Mastic				
45	" "				
46	Linoleum T Mastic	3rd fl Hallway			
47	Residual Mastic (orig)				
48	" "				
Comments / Special Instructions / Notes:					
<input type="checkbox"/> Positive Stop per group					
<input checked="" type="checkbox"/> Analyze PLM then TEM if negative AND NOB					
Sampled / Relinquished By		Date and Time		Received By	
[Signature]		8/5/08 5pm		[Signature] 8/10/08 5pm	
email results to - rbarr27@yahoo.com					

08 AUG -6 AM 10:05  
EAST MANHATTAN  
RECEIVED

JMD SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

L-1120

140804298

JMD Services Project Number		31 July 07		24 HR 48 HR 3DAY	
Type of Survey and Address		Survey Date		Results Due By	
Morton - Grand		6-10 day			
Owner / Agent		Number of Samples			
Field Sample #	Material Description	Location	Amount	End	F/NF
EV-49	12x12 Gray F.T. + MASTER				
50	" "				
51	Papa Gasket	Billerden			
52	" "	"			
53	F/T 9x9 (TAN)	Basement	15' x 15		
54	F/T 12x12 white	Basement	15 x 25		
03 AUG - 5 AM 10:05 EMSI MANHATTAN RECEIVED					
Comments / Special Instructions / Notes:					
<input type="checkbox"/> Positive Stop per group					
<input checked="" type="checkbox"/> Analyze PLM then TEM if negative AND NOB					
Sampled / Relinquished By		Date and Time		Received By	
[Signature]		8/5/08 5pm		[Signature] 8/1/08 5pm	
email results to - rbarr27@yahoo.com					



EMSL Analytical, Inc.

307 West :

Attn: **Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640

Phone: (716) 882-5476

Project: **MIDTOWN EUCLID**

Customer ID: LIRO50

Customer PO:

Received: 08/06/08 10:05 AM

EMSL Order: 030826589

EMSL Proj:

Report Date: 8/7/2008

## Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
EV-01 030826589-0001 DRYWALL JOINT COMPOUND/ 4TH FLR	PLM NYS 198.1 Friable	8/6/2008	White	5.00% Cellulose	95%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-02 030826589-0002 DRYWALL JOINT COMPOUND/ 4TH FLR	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-03 030826589-0003 DRYWALL JOINT COMPOUND/ 4TH FLR	PLM NYS 198.1 Friable	8/6/2008	Tan/White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-04 030826589-0004 DRYWALL JOINT COMPOUND/ 3RD FLR	PLM NYS 198.1 Friable	8/6/2008	Tan/White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-05 030826589-0005 DRYWALL JOINT COMPOUND/ 3RD FLR	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-06 030826589-0006 DRYWALL JOINT COMPOUND/ BOILER RM BK	PLM NYS 198.1 Friable	8/6/2008	Brown/White	30.00% Cellulose	70%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-07 030826589-0007 RED DUCT CAULK/ W. RADIATOR V./ 4TH	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Red		N/A	Inconclusive : <1% Chrysotile <1% Total	
	TEM NYS 198.4 NOB	8/7/2008	Red		N/A	<1% Chrysotile <1% Total	



EMSL Analytical, Inc.

307 West :

Attn: **Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640

Phone: (716) 882-5476

Project: **MIDTOWN EUCLID**

Customer ID: LIRO50

Customer PO:

Received: 08/06/08 10:05 AM

EMSL Order: 030826589

EMSL Proj:

Report Date: 8/7/2008

## Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
EV-08 030826589-0008	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Red		N/A	Inconclusive : <1% Chrysotile <1% Total	
RED DUCT CAULK/ W. RADIATOR V./ 3RD	TEM NYS 198.4 NOB	8/7/2008	Red		N/A	<1% Chrysotile <1% Total	
EV-09 WHITE COAT 030826589-0009	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 4TH	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-09 BROWN COAT 030826589-0009A	PLM NYS 198.1 Friable	8/6/2008	Brown		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 4TH	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-10 WHITE COAT 030826589-0010	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 4TH	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-10 BROWN COAT 030826589-0010A	PLM NYS 198.1 Friable	8/6/2008	Brown		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 4TH	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-11 WHITE COAT 030826589-0011	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 4TH	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-11 BROWN COAT 030826589-0011A	PLM NYS 198.1 Friable	8/6/2008	Brown		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 4TH	TEM NYS 198.4 NOB				N/A		Not Analyzed





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307 West :

Attn: **Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640

Phone: (716) 882-5476

Project: **MIDTOWN EUCLID**

Customer ID: LIRO50

Customer PO:

Received: 08/06/08 10:05 AM

EMSL Order: 030826589

EMSL Proj:

Report Date: 8/7/2008

## Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
EV-12 WHITE COAT 030826589-0012	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 3RD	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-12 BROWN COAT 030826589-0012A	PLM NYS 198.1 Friable	8/6/2008	Brown		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 3RD	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-13 WHITE COAT 030826589-0013	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 3RD	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-13 BROWN COAT 030826589-0013A	PLM NYS 198.1 Friable	8/6/2008	Brown		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 3RD	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-14 WHITE COAT 030826589-0014	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 1ST	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-14 BROWN COAT 030826589-0014A	PLM NYS 198.1 Friable	8/6/2008	Brown		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ 1ST	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-15 WHITE COAT 030826589-0015	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ B	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-15 BROWN COAT 030826589-0015A	PLM NYS 198.1 Friable	8/6/2008	Brown		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER/ B	TEM NYS 198.4 NOB				N/A		Not Analyzed



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				Fibrous	Non-Fibrous		
EV-16	PLM NYS 198.1 Friable						Not Analyzed
030826589-0016	PLM NYS 198.6 NOB	8/7/2008	Gray		N/A	Inconclusive: None Detected	
WINDOW CAULK/ GLAZE GREY/ EXTERIOR	TEM NYS 198.4 NOB	8/7/2008	Gray		N/A	None Detected	
EV-17	PLM NYS 198.1 Friable						Not Analyzed
030826589-0017	PLM NYS 198.6 NOB	8/7/2008	Gray		N/A	Inconclusive: None Detected	
WINDOW CAULK/ G.GRAY/ EXTERIOR	TEM NYS 198.4 NOB	8/7/2008	Gray		N/A	None Detected	
EV-18	PLM NYS 198.1 Friable						Not Analyzed
030826589-0018	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	Inconclusive: None Detected	
ROOFING/ ROOF FIELD/ R1	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	<1% Chrysotile <1% Total	
EV-19	PLM NYS 198.1 Friable						Not Analyzed
030826589-0019	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	Inconclusive: None Detected	
ROOFING/ ROOF FIELD/ R1	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	None Detected	
EV-20	PLM NYS 198.1 Friable						Not Analyzed
030826589-0020	PLM NYS 198.6 NOB	8/7/2008	Brown/Black		N/A	Inconclusive: None Detected	
FLASHING/ R1	TEM NYS 198.4 NOB	8/7/2008	Brown/Black		N/A	None Detected	
EV-21	PLM NYS 198.1 Friable						Not Analyzed
030826589-0021	PLM NYS 198.6 NOB	8/7/2008	Black	<1% Glass	N/A	Inconclusive: None Detected	
FLASHING/ R1	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	None Detected	
EV-22	PLM NYS 198.1 Friable						Not Analyzed
030826589-0022	PLM NYS 198.6 NOB	8/7/2008	Black	<1% Glass	N/A	Inconclusive : <1% Chrysotile <1% Total	
ROOFING/ R2	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	<1% Chrysotile <1% Total	





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## Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
EV-23 030826589-0023	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Black	1.7% Glass	N/A	Inconclusive : <1% Chrysotile <1% Total	
ROOFING/ R2	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	<1% Chrysotile <1% Total	
EV-24 030826589-0024	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	4.7% Chrysotile 4.7% Total	
FLASHING/ R2	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	
EV-25 030826589-0025	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	18.7% Chrysotile 18.7% Total	
FLASHING/ R2	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	
EV-26 030826589-0026	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	Inconclusive: None Detected	
VIBRATION CLOTH/ ROOF 2	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	None Detected	
EV-27 030826589-0027	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	Inconclusive: None Detected	
VIBRATION CLOTH/ ROOF 2	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	None Detected	
EV-28 030826589-0028	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Gray/White		N/A	4.1% Chrysotile 4.1% Total	
DUCT CAULK VENT/ ROOF 2	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	



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				Fibrous	Non-Fibrous		
EV-29 030826589-0029	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	White/Gray		N/A	2.1% Chrysotile 2.1% Total	
DUCT CAULK VENT/ ROOF 2	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	
EV-30 030826589-0030	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Gray/Black		N/A	Inconclusive : <1% Chrysotile <1% Total	
SEAM CAULK BLACK/ @ JUNCTION TO ADJACENT BLDG	TEM NYS 198.4 NOB	8/7/2008	Gray/Black		N/A	<1% Chrysotile <1% Total	
EV-31 030826589-0031	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Gray/Black		N/A	Inconclusive : <1% Chrysotile <1% Total	
SEAM CAULK BLACK/ @ JUNCTION TO ADJACENT BLDG	TEM NYS 198.4 NOB	8/7/2008	Gray/Black		N/A	<1% Chrysotile <1% Total	
EV-32 030826589-0032	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Gray/Yellow		N/A	Inconclusive: None Detected	
SEAM CAULK GRAY/ @ JUNCTION TO ADJACENT BLDG	TEM NYS 198.4 NOB	8/7/2008	Gray/Yellow		N/A	None Detected	
EV-33 030826589-0033	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Gray/Yellow		N/A	Inconclusive: None Detected	
SEAM CAULK GRAY	TEM NYS 198.4 NOB	8/7/2008	Gray/Yellow		N/A	None Detected	
EV-34 030826589-0034	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER IN HALO/ ROOF	TEM NYS 198.4 NOB				N/A		Not Analyzed



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## Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
EV-35 030826589-0035	PLM NYS 198.1 Friable	8/6/2008	White		100%	None Detected	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PLASTER IN HALO/ ROOF	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-36 030826589-0036	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Gray/Black	9.5% Glass	N/A	14.0% Chrysotile 14.0% Total	
SILVER FLASHING/ R2	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	
EV-37 030826589-0037	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Gray/Black	8.3% Glass	N/A	11.1% Chrysotile 11.1% Total	
SILVER FLASHING/ R2	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	
EV-38 030826589-0038	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Gray/Black		N/A	Inconclusive : <1% Chrysotile <1% Total	
ROOF FIELD 2/ R1	TEM NYS 198.4 NOB	8/7/2008	Gray/Black		N/A	<1% Chrysotile <1% Total	
EV-39 030826589-0039	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Gray/Black		N/A	Inconclusive: None Detected	
ROOF FIELD 2/ R1	TEM NYS 198.4 NOB	8/7/2008	Gray/Black		N/A	None Detected	
EV-40 030826589-0040	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	Inconclusive : <1% Chrysotile <1% Total	
VENT PIPE CAULK/ R2	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	<1% Chrysotile <1% Total	



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## Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
EV-41 030826589-0041	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	20.5% Chrysotile <b>20.5% Total</b>	
VENT PIPE CAULK/ R2	TEM NYS 198.4 NOB	8/7/2008			N/A	<b>Not Analyzed</b>	
EV-42 030826589-0042	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Pink		N/A	<b>Inconclusive: None Detected</b>	
12X12 BEIGE F.T W/ MASTIC/ 3RD FL	TEM NYS 198.4 NOB	8/7/2008	Pink		N/A	<b>None Detected</b>	
EV-42-M 030826589-0042A	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	Inconclusive : <1% Chrysotile <b>&lt;1% Total</b>	
12X12 BEIGE F.T W/ MASTIC/ 3RD FL	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	2.6% Chrysotile <b>2.6% Total</b>	
EV-43 030826589-0043	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Pink		N/A	<b>Inconclusive: None Detected</b>	
12X12 BEIGE F.T W/ MASTIC/ 3RD FL	TEM NYS 198.4 NOB	8/7/2008	Pink		N/A	<b>None Detected</b>	
EV-43-M 030826589-0043A	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	Inconclusive : <1% Chrysotile <b>&lt;1% Total</b>	
12X12 BEIGE F.T W/ MASTIC/ 3RD FL	TEM NYS 198.4 NOB	8/7/2008	Black		N/A	<1% Chrysotile <b>&lt;1% Total</b>	
EV-44 030826589-0044	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	8/7/2008	Beige		N/A	<b>Inconclusive: None Detected</b>	
COMPUTER FLOOR P. MASTIC	TEM NYS 198.4 NOB	8/7/2008	Beige		N/A	<b>None Detected</b>	



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				Fibrous	Non-Fibrous		
EV-45	PLM NYS 198.1 Friable						Not Analyzed
030826589-0045	PLM NYS 198.6 NOB	8/7/2008	Beige		N/A	Inconclusive: None Detected	
COMPUTER FLOOR P. MASTIC	TEM NYS 198.4 NOB	8/7/2008	Beige		N/A	<1% Chrysotile <1% Total	
EV-46	PLM NYS 198.1 Friable						Not Analyzed
030826589-0046	PLM NYS 198.6 NOB	8/7/2008	Brown		N/A	17.0% Chrysotile 17.0% Total	
LINOLEUM & MASTIC/ 3RD FL HALLWAY	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	
EV-46-M	PLM NYS 198.1 Friable						Not Analyzed
030826589-0046A	PLM NYS 198.6 NOB	8/7/2008	Yellow		N/A	Inconclusive: None Detected	
LINOLEUM & MASTIC/ 3RD FL HALLWAY	TEM NYS 198.4 NOB	8/7/2008	Yellow		N/A	None Detected	
EV-47	PLM NYS 198.1 Friable						Not Analyzed
030826589-0047	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	7.7% Chrysotile 7.7% Total	
RESIDUAL MASTIC/ ONLY	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	
EV-48	PLM NYS 198.1 Friable						Not Analyzed
030826589-0048	PLM NYS 198.6 NOB	8/7/2008	Black	1.0% Glass	N/A	1.1% Chrysotile 1.1% Total	
RESIDUAL MASTIC/ ONLY	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	
EV-49	PLM NYS 198.1 Friable						Not Analyzed
030826589-0049	PLM NYS 198.6 NOB	8/7/2008	Gray		N/A	Inconclusive: None Detected	
12X12 GRAY F.T & MASTIC	TEM NYS 198.4 NOB	8/7/2008	Gray		N/A	None Detected	



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				Fibrous	Non-Fibrous		
EV-49-M	PLM NYS 198.1 Friable						Not Analyzed
030826589-0049A	PLM NYS 198.6 NOB	8/7/2008	Brown		N/A	Inconclusive: None Detected	
12X12 GRAY F.T & MASTIC	TEM NYS 198.4 NOB	8/7/2008	Brown		N/A	1.7% Chrysotile 1.7% Total	
EV-50	PLM NYS 198.1 Friable						Not Analyzed
030826589-0050	PLM NYS 198.6 NOB	8/7/2008	Gray		N/A	Inconclusive: None Detected	
12X12 GRAY F.T & MASTIC	TEM NYS 198.4 NOB	8/7/2008	Gray		N/A	None Detected	
EV-50-M	PLM NYS 198.1 Friable						Not Analyzed
030826589-0050A	PLM NYS 198.6 NOB	8/7/2008	Brown		N/A	Inconclusive: None Detected	
12X12 GRAY F.T & MASTIC	TEM NYS 198.4 NOB	8/7/2008	Brown		N/A	1.8% Chrysotile 1.8% Total	
EV-51	PLM NYS 198.1 Friable	8/6/2008	White	100.00% Glass	0%	None Detected	
030826589-0051	PLM NYS 198.6 NOB				N/A		Not Analyzed
ROPE	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-52	PLM NYS 198.1 Friable	8/6/2008	White	100.00% Glass	0%	None Detected	
030826589-0052	PLM NYS 198.6 NOB				N/A		Not Analyzed
ROPE	TEM NYS 198.4 NOB				N/A		Not Analyzed
EV-53	PLM NYS 198.1 Friable						Not Analyzed
030826589-0053	PLM NYS 198.6 NOB	8/7/2008	Tan		N/A	7.4% Chrysotile 7.4% Total	
F/T 9X9 TAN/ BASEMENT	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	
EV-53-M	PLM NYS 198.1 Friable						Not Analyzed
030826589-0053A	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	5.7% Chrysotile 5.7% Total	
F/T 9X9 TAN/ BASEMENT	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	



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				Fibrous	Non-Fibrous		
EV-54	PLM NYS 198.1 Friable						Not Analyzed
030826589-0054	PLM NYS 198.6 NOB	8/7/2008	White		N/A	Inconclusive : <1% Chrysotile <1% Total	
F/T 12X12 WHITE/ BASEMENT	TEM NYS 198.4 NOB	8/7/2008	White		N/A	3.9% Chrysotile 3.9% Total	
EV-54-M	PLM NYS 198.1 Friable						Not Analyzed
030826589-0054A	PLM NYS 198.6 NOB	8/7/2008	Black		N/A	2.9% Chrysotile 2.9% Total	
F/T 12X12 WHITE/ BASEMENT	TEM NYS 198.4 NOB	8/7/2008			N/A	Not Analyzed	

NOB = Non Friable Organically Bound

N/A = Not Applicable

Analyst(s)

Evie Sioukri

Jennifer Hart

Williams John

James Hall, Laboratory Manager  
or other approved signatory

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ACCREDITATIONS: NVLAP #101048-9 and NY STATE ELAP #11506

140803230

Libo Project 08-21-104

JMD Services Project Number

MIDTOWN- MONTAIN MALL

Type of Survey and Address

Survey Date

24 HR 48 HR 3 DAY

5 Day

Owner / Agent

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	End	F/NF
MM-58	Drywall Comp	Midtown Towers			
59	↓	"			
60	↓	"			
61	Drywall Comp	Am Coliseum Clothing			
62	↓	↓			
63	↓	↓			
64	Drywall Comp	US Air			
65	↓	↓			
66	↓	↓			
67	Drywall Comp	Wal-Mart Optical			
68	↓	↓			
69	↓	↓			
70	Limestone	Frontier Book Store			
71	"	"			
72	Win Calk/Glaze	"			
MM-73	"	"			

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyze PLM then TEM if negative AND NOB

email results to - rburr27@yahoo.com

Pulver

JMD

DO

6/20/08 4:00pm

Sampled / Relinquished By

Date and Time

Received By

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax



1408063339

Lila Project 08-21-104  
JMD Services Project Number

MUDON - MUDON WALL  
Type of Survey and Address

Owner - Agent

Survey Date

24 HR 48 HR 3 DAY

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Chd	F/NF
MM- 74	Drywall Comp	Flanigan			
75	↓	↓			
76					
77	Drywall Comp	Flanigan			
78	↓	↓			
79					
80	Drywall Compound	Wilson's leather			
81	↓	↓			
82					
83	Drywall Compound	Brads Smith			
84	↓	↓			
85					
86	2x Wall Panel Mastic	Scranton's / Jett's			
87	"	"			
88	Drywall Compound	↓			
MM- 89					

Comments: Special Instructions: Notes:

☒ Positive Stop per group

☒ Analyze PEM then TEM if negative AND NOB

email results to - rharr27@yahoo.com

Sampled / Relinquished By

Date and Time

Received By

JMD

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140806330

JMD Services Project Number

MIDTOWN ~~NEW~~ MIDTOWN MALL

Type of Survey and Address

Survey Date

24 HR 48 HR 7DAY

Number of Samples

Results Due By

Owner / Agent

Field Sample #	Material Description	Location	Amount	Cbd	F/NF
90	Dynalene Compound	Scramton's / Jaffs			
91	Corian Glue	NYC clothing			
92	"				
93	Plaster				
94					
95					
96	MASTIC ON VINYL CASE				
97					
98	Dynalene Comp				
99					
100					
101	Terrazzo Flooring	M & T under carpet			
102					
103	Dynalene Comp	M & T			
104					
105					
Comments: Special Instructions: Note					
X Positive Strip per group					
X Analyze PLM then TEM if negative AND NOB					
email results to rbarr2@ayvation.com					
Signed Do 6/20/08 4pm					
Sampled / Relinquished By	Date and Time		Received By		

JMD

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140803230

L140 Project 09-21-104

JMD Services Project Number

Midtown - Midtown Mall

Type of Survey and Address

Owner / Agent

24 HR 48 HR 3 DAY

Survey Date

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Case	Time
MM-106	Drywall Compound	Recessed Theatre			
107	↓	↓			
108	↓				
109	Carb Mastie	Cebschon			
110	"				
111	Drywall Compound				
112	↓				
113	↓				
114	Plaster	American Air / GNC			
115	↓				
116	↓				
117	Drywall Compound				
118	↓				
119	↓				
120	Wire / Door Caulk	Speedy's			
MM-121	↓				

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

Tm 14

DO 6/20/08 4:02pm

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Date and Time

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JMD SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140803230

Libo Project 08-21-104

JMD Services Project Number

MISTOWN - MISTOWN MALL

Type of Survey and Address

Owner / Agent

Survey Date

Number of Samples

Results Due By

24 HR 48 HR 7 DAY

5 May

Field Sample #	Material Description	Location	Amount	End	Time
MM-122	Drywall Compound	Speedy's			
123		↓			
124					
125	Drywall Compound	Mark Jefferies			
126		↓			
127					
128	Drywall Compound	All day Sursey			
129		↓			
130					
131	Mastic on Vinyl Core Dring	Scott's Hallmark			
132	"	↓			
133	Drywall Compound				
134		↓			
135					
136	Ceramic Tile Grout	A.D. Flint			
137	"	"			

Comments / Special Instructions / Notes:

☒ Positive Stop per group

☒ Analyze ~~PLM~~ when TEM if negative AND NOB

email results to - rbarr27@yahoo.com

MM-122 00 6/20/08 4:00 pm

Sampled / Reinquished By	Date and Time	Received By
--------------------------	---------------	-------------



1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140803230

Life Project 08-21-104

JMD Services Project Number

MIDTOWN - MIDTOWN MALL

Type of Survey and Address

Owner / Agent

Survey Date

24 HR 48 HR 3 DAY

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Est	Time
MM - 137	Plaster	A.D. Flnt			
138	↓				
139					
140	Drywall Compound				
141	↓				
142					
143	Drywall Compound	Ceiling Factory			
144	↓				
145					
146	Ceramic Tile Grout	Oasis & Hall			
147	"	"			
148	Ceramic Tile Grout (Red)				
149	"				
149	Drywall Comp + Stucco				
150	↓				
MM - 151	↓				

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

Rbarr

Do. 6/20/08 4:00 pm

Sampled / Relinquished By

Date and Time

Received By

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SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140803230

Lith Project 08-21-104

JMD Services Project Number

MIDOWN - MIDOWN WALL

Type of Survey and Address

Owner / Agent

Survey Date

24 HR 48 HR 2 DAY

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Conc	F/NE
MM- 152	Plaster	Kay Bee Toys			
153	↓				
154	↓				
155	Plaster on Exterior Overhang	Wall exterior MIT			
156	↓				
157	↓				
158	↓				
MM- 159	↓				
160	Floor Concrete	RAMP / GARAGE			
161	↓				
162	Expansion Joint				
163	↓				
164	Expansion Joint				
165	↓				
166	Door/Window Calk				
167	↓				

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyze PLM then TEM if negative AND NOB

email results to - rbart27@yahoo.com

Vulber

6/20/08 DO 4:00 pm

Sampled / Relinquished By

Date and Time

Received By:

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **Midtown - Midtown Mall**

Customer ID: LIRO50  
Customer PO:  
Received: 06/20/08 4:00 PM  
EMSL Order: 140803230  
EMSL Proj: Midtown  
Analysis Date: 6/26/2008  
Report Date: 6/26/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
MM-70 140803230-0088	linoleum	Various	100.0	None	Inconclusive: No Asbestos Detected
MM-71 140803230-0089	linoleum	Various	100.0	None	Inconclusive: No Asbestos Detected
MM-72 140803230-0090	win caulk/glaze	Gray	99.6	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
MM-73 140803230-0091	win caulk/glaze	Gray	99.0	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
MM-86 140803230-0092	wall panel mastic	Brown	100.0	None	Inconclusive: No Asbestos Detected
MM-87 140803230-0093	wall panel mastic	Tan	98.7	None	1.3 Chrysotile 1.3 <b>Total All Types</b>
MM-91 140803230-0094	corian glue	Tan	100.0	None	Inconclusive: No Asbestos Detected
MM-92 140803230-0095	corian glue	Tan	100.0	None	Inconclusive: No Asbestos Detected
MM-96 140803230-0096	mastic on vinyl cove	Brown	98.6	None	1.4 Chrysotile 1.4 <b>Total All Types</b>

Analyst(s)

Andrew Maciejewski (9)  
Brian Walczak (1)

Rachel Giese (12)

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*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 is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

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**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **Midtown - Midtown Mall**

Customer ID: LIRO50  
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Received: 06/20/08 4:00 PM  
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EMSL Proj: Midtown  
Analysis Date: 6/26/2008  
Report Date: 6/26/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
MM-97 140803230-0097	mastic on vinyl cove	Brown			
Not Analyzed Positive stop					
MM-109 140803230-0098	cove mastic	Brown	100.0	None	Inconclusive: No Asbestos Detected
MM-110 140803230-0099	cove mastic	Brown	100.0	None	Inconclusive: No Asbestos Detected
MM-120 140803230-0100	win/door caulk	White	98.1	None	1.9 Chrysotile 1.9 <b>Total All Types</b>
MM-121 140803230-0101	win/door caulk	White			
Not Analyzed Positive stop					
MM-131 140803230-0102	mastic on vinyl cove only	Brown	100.0	None	Inconclusive: No Asbestos Detected
MM-132 140803230-0103	mastic on vinyl cove only	Brown	99.3	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
MM-162 140803230-0104	expansion joint	Black	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Andrew Maciejewski (9) Rachel Giese (12)  
Brian Walczak (1)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
MM-163 140803230-0105	expansion joint	Black	100.0	None	Inconclusive: No Asbestos Detected
MM-164 140803230-0106	expansion joint	Black	100.0	None	Inconclusive: No Asbestos Detected
MM-165 140803230-0107	expansion joint	Black	100.0	None	Inconclusive: No Asbestos Detected
MM-166 140803230-0108	door/window caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected
MM-167 140803230-0109	door/window caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected
MM-160 140803230-0110	floor coating	Gray	100.0	None	Inconclusive: No Asbestos Detected
MM-161 140803230-0111	floor coating	Gray	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

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Brian Walczak (1)

Rachel Giese (12)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Customer ID: LIRO50  
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 Received: 06/20/08 4:00 PM  
 EMSL Order: 140803230  
 EMSL Proj: Midtown  
 Analysis Date: 6/26/2008  
 Report Date: 6/26/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-58 140803230-0001	midtown tailors	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-59 140803230-0002	midtown tailors	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-60 140803230-0003	midtown tailors	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-61 140803230-0004	coliseum clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-62 140803230-0005	coliseum clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-63 140803230-0006	coliseum clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-64 140803230-0007	US air	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-65 140803230-0008	US air	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-66 140803230-0009	US air	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-67 140803230-0010	waldert optical	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

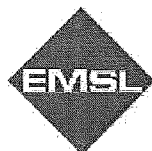
## Analyst(s)

Andrew Maciejewski (56)  
 Brian Walczak (28)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

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**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **Midtown - Midtown Mall**

Customer ID: LIRO50  
Customer PO:  
Received: 06/20/08 4:00 PM  
EMSL Order: 140803230  
EMSL Proj: Midtown  
Analysis Date: 6/26/2008  
Report Date: 6/26/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-68 140803230-0011	waldert optical	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-69 140803230-0012	waldert optical	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-74 140803230-0013	finder	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-75 140803230-0014	finder	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-76 140803230-0015	finder	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-77 140803230-0016	flower box	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-78 140803230-0017	flower box	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-79 140803230-0018	flower box	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-80 140803230-0019	wilson's leather	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-81 140803230-0020	wilson's leather	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

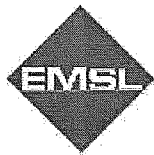
Analyst(s)

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Brian Walczak (28)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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 Project: **Midtown - Midtown Mall**

Customer ID: LIRO50  
 Customer PO:  
 Received: 06/20/08 4:00 PM  
 EMSL Order: 140803230  
 EMSL Proj: Midtown  
 Analysis Date: 6/26/2008  
 Report Date: 6/26/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-82 140803230-0021	wilson's leather	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-83 140803230-0022	brads sweets	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-84 140803230-0023	brads sweets	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-85 140803230-0024	brads sweets	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-88 140803230-0025	scrantons/jeffs	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-89 140803230-0026	scrantons/jeffs	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-90 140803230-0027	scranton's/jeffs	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-93 140803230-0028	NYC clothing	Gray/White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-94 140803230-0029	NYC clothing	Gray/White Fibrous Heterogeneous	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
MM-95 140803230-0030	NYC clothing	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected

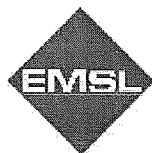
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Rhonda McGee, Laboratory Manager  
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Customer ID: LIRO50  
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EMSL Order: 140803230  
EMSL Proj: Midtown  
Analysis Date: 6/26/2008  
Report Date: 6/26/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-98 140803230-0031	NYC clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-99 140803230-0032	NYC clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-100 140803230-0033	NYC clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-101 140803230-0034	M&T under carpet	Tan Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-102 140803230-0035	M&T under carpet	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-103 140803230-0036	M&T	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-104 140803230-0037	M&T	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-105 140803230-0038	M&T	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-106 140803230-0039	record theatre	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-107 140803230-0040	record theatre	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

## Analyst(s)

Andrew Maciejewski (56)  
Brian Walczak (28)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

**EMSL Analytical, Inc.**

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Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
 Project: **Midtown - Midtown Mall**

Customer ID: LIRO50  
 Customer PO:  
 Received: 06/20/08 4:00 PM  
 EMSL Order: 140803230  
 EMSL Proj: Midtown  
 Analysis Date: 6/26/2008  
 Report Date: 6/26/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
MM-108 140803230-0041	record theatre	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-111 140803230-0042	cabochon	Cream Fibrous Homogeneous	5.00% Cellulose	94.25% Non-fibrous (other)	0.75% Chrysotile
MM-112 140803230-0043	cabochon				Insufficient Material
No joint compound present					
MM-113 140803230-0044	cabochon	Gray Fibrous Homogeneous	5.00% Cellulose	93.40% Non-fibrous (other)	1.60% Chrysotile
MM-114 140803230-0045	american air/GNC	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-115 140803230-0046	american air/GNC	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-116 140803230-0047	american air/GNC	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-117 140803230-0048	american air/GNC	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-118 140803230-0049	american air/GNC	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-119 140803230-0050	american air/GNC	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-122 140803230-0051	speedy's	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-123 140803230-0052	speedy's	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-124 140803230-0053	speedy's	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-125 140803230-0054	Mark Jefferies	White Fibrous Homogeneous	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
MM-126 140803230-0055	Mark Jefferies	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-127 140803230-0056	Mark Jefferies	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-128 140803230-0057	all day sunoay	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-129 140803230-0058	all day sunoay	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-130 140803230-0059	all day sunoay	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-133 140803230-0060	Scott's hallmark	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-134 140803230-0061	Scott's hallmark	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-135 140803230-0062	Scott's hallmark	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-136 140803230-0063	AD flint	Cream Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-137 140803230-0064	AD flint	Cream Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-137 140803230-0065	AD flint	Gray/White Non-Fibrous Heterogeneous	grout	100.00% Non-fibrous (other)	None Detected
MM-138 140803230-0066	AD flint	Gray/White Non-Fibrous Heterogeneous	plaster	100.00% Non-fibrous (other)	None Detected
MM-139 140803230-0067	AD flint	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-140 140803230-0068	AD flint	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-141 140803230-0069	AD flint	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-142 140803230-0070	AD flint	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-143 140803230-0071	coat factory	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-144 140803230-0072	coat factory	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-145 140803230-0073	coat factory	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-146 140803230-0074	oasis & hall	Tan Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-147 140803230-0075	oasis & hall	Tan Fibrous Homogeneous	5.00% Cellulose	95.00% Non-fibrous (other)	None Detected
MM-148 140803230-0076	oasis & hall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-149 140803230-0077	oasis & hall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-149 140803230-0078	oasis & hall	Gray Non-Fibrous Homogeneous	grout	100.00% Non-fibrous (other)	None Detected
MM-150 140803230-0079	oasis & hall	Gray Fibrous Homogeneous	4.00% Cellulose	96.00% Non-fibrous (other)	None Detected
MM-151 140803230-0080	oasis & hall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
			Unable to separate		

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-152 140803230-0081	kaybee toys	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-153 140803230-0082		White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-154 140803230-0083		Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-155 140803230-0084	mall exterior M&T	White Fibrous Homogeneous	5.00% Cellulose	94.50% Non-fibrous (other)	0.50% Chrysotile
MM-156 140803230-0085	mall exterior M&T	Gray Fibrous Homogeneous	5.00% Cellulose	92.70% Non-fibrous (other)	2.30% Chrysotile
MM-157 140803230-0086	mall exterior M&T				Positive Stop
MM-158 140803230-0087	mall exterior M&T				Positive Stop
MM-159 140803230-0112	mall exterior M&T				Positive Stop

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**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
MM-70 140803230-0088	linoleum	Various	100.0	None	No Asbestos Detected	
MM-71 140803230-0089	linoleum	Various	100.0	None	No Asbestos Detected	
MM-72 140803230-0090	win caulk/glaze	Gray	97.0	None	3.0% Chrysotile	3.0
MM-73 140803230-0091	win caulk/glaze	Gray				
Not Analyzed Positive stop						
MM-86 140803230-0092	wall panel mastic	Brown	100.0	None	No Asbestos Detected	
MM-91 140803230-0094	corian glue	Tan	100.0	None	No Asbestos Detected	
MM-92 140803230-0095	corian glue	Tan	100.0	None	No Asbestos Detected	
MM-109 140803230-0098	cove mastic	Brown	100.0	None	No Asbestos Detected	
MM-110 140803230-0099	cove mastic	Brown	100.0	None	No Asbestos Detected	

Analyst(s)

Tom Hanes (18)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
MM-131 140803230-0102	mastic on vinyl cove only	Brown	100.0	None	No Asbestos Detected	
MM-132 140803230-0103	mastic on vinyl cove only	Brown	99.3	None	<1% Chrysotile	<1
MM-162 140803230-0104	expansion joint	Black	100.0	None	No Asbestos Detected	
MM-163 140803230-0105	expansion joint	Black	100.0	None	No Asbestos Detected	
MM-164 140803230-0106	expansion joint	Black	100.0	None	No Asbestos Detected	
MM-165 140803230-0107	expansion joint	Black	100.0	None	No Asbestos Detected	
MM-166 140803230-0108	door/window caulk	Gray	100.0	None	No Asbestos Detected	
MM-167 140803230-0109	door/window caulk	Gray	100.0	None	No Asbestos Detected	
MM-160 140803230-0110	floor coating	Gray	100.0	None	No Asbestos Detected	
MM-161 140803230-0111	floor coating	Gray	100.0	None	No Asbestos Detected	

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**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
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140804189

Lico Project 08-21-104 JMD Services Project Number		7/23/08 Survey Date		24 HR 48 HR 3DAY	
Midtown Mall Type of Survey and Address		94 Number of Samples		5 DAY 6-10d Results Due By N.S.	
Owner / Agent		Amount		Cnd PNF	
Field Sample #	Material Description	Location			
168	DRYWALL	FAVAN'S KIDS + HEART			
169	DRYWALL Compound	↓			
170	"				
171	"				
172	C/T	FAVAN'S Gifts + collectables			
173	DRYWALL				
174	DRYWALL Compound				
175	"	↓			
176	"				
177	C/T				
178	Stucco	↓			
179	"				
180	"				
181	DRY wall compound	FAVAN'S Storage			
182	"	↓			
183	"				
Comments / Special Instructions / Notes:					
<input checked="" type="checkbox"/> Positive Stop per group					
<input checked="" type="checkbox"/> Analyze PLM then TEM if negative AND NOB					
Sampled / Relinquished By		Date and Time		Received By	
[Signature]		8/17/08 2:29 PM		[Signature] email results to - rbarr27@yahoo.com	

JMD SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140804189

Lino Project 08-21-104		7/23/08		24 HR 48 HR 3DAY	
JMD Services Project Number		Survey Date			
MIDTOWN MALL		Number of Samples		5 DAY 6-10 d	
Type of Survey and Address		Owner / Agent		Results Due By N.S	

Field Sample #	Material Description	Location	Amount	Grid	DNF
184	DRYWALL	FAVAN'S STORAGE			
185	DRYWALL	1470			
186	DRYWALL compound				
187	↓				
188					
189	C/T				
190	DRYWALL	A DOLLAR			
191	DRYWALL compound				
192	↓				
193					
194	C/T				
195	DRYWALL	Jeans west storage			
196	DRYWALL compound				
197	"				
198	"				
199	C/T				

Comments / Special Instructions / Notes:		email results to - rbarr27@yahoo.com	
<input checked="" type="checkbox"/> Positive Stop per group <input checked="" type="checkbox"/> Analyze PLM then TEM if negative AND NOB			
Sampled / Relinquished By: <i>RB</i>		Date and Time: 1814- DO 7-29 11:55 PM	
Received By:			

32

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140804185

Liro Project 08-21-104

JMD Services Project Number

Midtown Mall

Type of Survey and Address

Owner / Agent

7/23/08  
Survey Date

24 HR 48 HR 3 DAY

Number of Samples

5 DAY 6-102  
Results Due By N.S.

Field Sample #	Material Description	Location	Amount	End	Y/N/F
206	DRY WALL	HAIR ELITE			
201	DRY WALL compound				
202	"				
203	"				
204	C/T				
205	12"x12" F/T white/blue				
206	DRY WALL	Hit or Miss			
207	DRY WALL compound				
208	"				
209	"				
210	C/T				
211	12"x12" F/T Beigh		16'x28'		
212	DRY WALL	SHAVE ELEC			
213	DRY WALL compound				
214	"				
215	"				

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyzing PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

hobbs

10:10 PM 7-29 DO 11:55 PM

Sampled / Relinquished By

Date and Time

Received By

4/6

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax



140804189

Lico Project 08-21-104  
 JMD Services Project Number  
 Midtown Mall  
 Type of Survey and Address

Owner / Agent  
 Number of Samples  
 Survey Date 7/23/08  
 24 HR 48 HR 3 DAY  
 Results Due By 6-10-08  
 N.S.

Field Sample #	Material Description	Location	Amount	End	Y/NF
216	C/T	SHAVE ELEC			
217	DRY WALL	Tobacco Shop			
218	DRY WALL COMPOUND				
219	"				
220	"				
221	PLASTER				
222	"				
223	DRY WALL	MIDTOWN BARBER			
224	DRY WALL COMPOUND				
225	"				
226	"				
227	C/T				
228	12" x 12" F/T TAN		20' x 15'		
229	DRY WALL COMPOUND	WHEELER PAUL			
230	"				
231	"				

Comments / Special Instructions / Notes:  
☒ Positive Stop per group  
☒ Analyze PLM then TEM if negative AND NOB  
 email results to - rbarr2@yahoo.com  
 7-29 11:55 PM  
 Received By  
 Sampled / Relinquished By

140804189

Lino Project 08-21-104		7/23/08		24 HR 48 HR 3DAY	
JMD Services Project Number		Survey Date			
MIDTOWN MALL		Number of Samples		5 DAY 6-10 P	
Type of Survey and Address		Owner / Agent		Results Due By N.S.	

Field Sample #	Material Description	Location	Amount	End	F/NF
232	DRYWALL	WHELPER PAUL			
233	C/T				
234	PLASTER				
235	"				
236	9"x9" F/T Beigh				
237	DRYWALL	CHRISTIAN SCIENCE			
238	DRYWALL Compound				
239	"				
240	"				
241	C/T (MAIN SPACE)				
242	C/T (BACK AREA)				
243	DRYWALL	JACKSON HENRITT			
244	DRYWALL Compound				
245	"				
246	"				
247	C/T				

Comments / Special Instructions / Notes:

☒ Positive Stop per group

☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

Received By: Bm DO 7.29 11:55 PM

Sampled / Relinquished By: RB

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

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140804189

LIRo Project 08-21-104		7/23/08		24 HR	48 HR	3 DAY
JMD Services Project Number		Survey Date				
Midtown MALL		94		5 DAY 6-10D		
Type of Survey and Address		Number of Samples		Results Due By N.S.		
Owner / Agent						

Field Sample #	Material Description	Location	Amount	End	ENF
248	DRY WALL	Payless			
249	DRY WALL compound				
250	"				
251	"				
252	PLASTER				
253	C/T				
254	12" x 12" F/T (white)		60' x 10'		
255	DRY WALL	Foot Locker			
256	DRY WALL compound				
257	"				
258	"				
259	C/T				
260	12" x 12" F/T (white)				
261	18" x 18" F/T				

Comments / Special Instructions / Notes:	
<input checked="" type="checkbox"/> Positive Stop per group <input checked="" type="checkbox"/> Analyze PLM then TEM if negative AND NOB <div style="border: 1px solid black; padding: 5px; display: inline-block;">email results to - rbarr27@yahoo.com</div>	
Sampled / Relinquished By	Received By
RBNS	RBNS
Date and Time	Date and Time
7.22	11:55 PM

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

87

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104 - Midtown Mall**

Customer ID: LIRO50  
Customer PO:  
Received: 07/29/08 11:55 AM  
EMSL Order: 140804189  
  
EMSL Proj: Midtown  
Analysis Date: 8/5/2008  
Report Date: 8/7/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
205 140804189-0088	Hair Elite, 12"x12" FT white/blue	Gray	100.0	None	Inconclusive: No Asbestos Detected
205 140804189-0089	mastic	Black	98.4	None	1.6 Chrysotile 1.6 <b>Total All Types</b>
211 140804189-0090	Hit or Miss, 12"x12" FT beige	Gray	100.0	None	Inconclusive: No Asbestos Detected
211 140804189-0091	mastic	Black	98.6	None	1.4 Chrysotile 1.4 <b>Total All Types</b>
228 140804189-0092	Midtown Barber, 12"x12" FT tan	Pink	100.0	None	Inconclusive: No Asbestos Detected
228 140804189-0093	mastic	Gray	100.0	None	Inconclusive: No Asbestos Detected
236 140804189-0094	Wheillier Paul, 9"x9" FT beige	Tan	91.0	None	9.0 Chrysotile 9.0 <b>Total All Types</b>
236 140804189-0095	mastic	Black	90.8	None	9.2 Chrysotile 9.2 <b>Total All Types</b>
254 140804189-0096	Payless, 12"x12" FT (white)	Gray	100.0	None	Inconclusive: No Asbestos Detected
254 140804189-0097	mastic	Black	100.0	None	Inconclusive: No Asbestos Detected

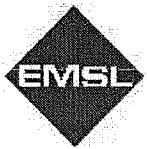
Analyst(s)

Brian Walczak (14)

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*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 is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476

Project: **08-21-104 - Midtown Mall**

Customer ID: LIRO50  
Customer PO:  
Received: 07/29/08 11:55 AM  
EMSL Order: 140804189

EMSL Proj: Midtown  
Analysis Date: 8/5/2008  
Report Date: 8/7/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
260 140804189-0098	Foot Locker, 12"x12" FT (white)	Gray	100.0	None	Inconclusive: No Asbestos Detected
260 140804189-0099	mastic	White	100.0	None	Inconclusive: No Asbestos Detected
261 140804189-0100	Foot Locker, 18"x18" FT	Blue	100.0	None	Inconclusive: No Asbestos Detected
261 140804189-0101	mastic	Gray	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Brian Walczak (14)

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*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 is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

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**Liro Group**  
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**Buffalo, NY 14209**

Fax: (716) 882-9640

Phone: (716) 882-5476

Project: **08-21-104 - Midtown Mall**

Customer ID: LIRO50

Customer PO:

Received: 07/29/08 11:55 AM

EMSL Order: 140804189

EMSL Proj: Midtown

Analysis Date: 8/7/2008

Report Date: 8/9/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
205 140804189-0088	Hair Elite, 12"x12" FT white/blue	Gray	100.0	None	No Asbestos Detected	
211 140804189-0090	Hit or Miss, 12"x12" FT beige	Gray	100.0	None	No Asbestos Detected	
228 140804189-0092	Midtown Barber, 12"x12" FT tan	Pink	100.0	None	No Asbestos Detected	
228 140804189-0093	mastic	Gray	100.0	None	No Asbestos Detected	
254 140804189-0096	Payless, 12"x12" FT (white)	Gray	100.0	None	No Asbestos Detected	
254 140804189-0097	mastic	Black	100.0	None	No Asbestos Detected	
260 140804189-0098	Foot Locker, 12"x12" FT (white)	Gray	97.9	None	2.1% Chrysotile	2.1
260 140804189-0099	mastic	White	100.0	None	No Asbestos Detected	
261 140804189-0100	Foot Locker, 18"x18" FT	Blue	100.0	None	No Asbestos Detected	
261 140804189-0101	mastic	Gray	100.0	None	No Asbestos Detected	

Analyst(s)

Brian Walczak (10)

Rhonda McGee, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

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**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476

Project: **08-21-104 - Midtown Mall**

Customer ID: LIRO50  
Customer PO:  
Received: 07/29/08 11:55 AM  
EMSL Order: 140804189

EMSL Proj: Midtown  
Analysis Date: 8/7/2008  
Report Date: 8/9/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
-----------	-------------	------------	----------------------	--------------------------	-------------------	---------------------

Analyst(s)

Brian Walczak (10)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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EMSL Proj: Midtown  
Analysis Date: 8/9/2008  
Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
168 140804189-0001	Fauan's Kids & Heart, drywall	Gray Fibrous Layer # 1	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
168 140804189-0001A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
169 140804189-0002	Fauan's Kids & Heart, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
170 140804189-0003	Fauan's Kids & Heart, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
171 140804189-0004	Fauan's Kids & Heart, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
172 140804189-0005	Fauan's Kids & Heart, C/T	Tan Fibrous Homogeneous	45.00% Cellulose 20.00% Glass	35.00% Non-fibrous (other)	None Detected
173 140804189-0006	Fauan's Gifts & Collectables, drywall	Gray Fibrous Layer # 1	1.00% Glass	99.00% Non-fibrous (other)	None Detected
173 140804189-0006A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
174 140804189-0007	Fauan's Gifts & Collectables, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
175 140804189-0008	Fauan's Gifts & Collectables, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s)

Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606



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Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104 - Midtown Mall**

Customer ID: LIRO50  
Customer PO:  
Received: 07/29/08 11:55 AM  
EMSL Order: 140804189

EMSL Proj: Midtown  
Analysis Date: 8/9/2008  
Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
176 140804189-0009	Fauan's Gifts & Collectables, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
177 140804189-0010	Fauan's Gifts & Collectables, C/T	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
178 140804189-0011	Fauan's Gifts & Collectables, stucco	Gray Fibrous Layer # 1	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected
178 140804189-0011A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
179 140804189-0012	Fauan's Gifts & Collectables, stucco	Gray Fibrous Layer # 1	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected
179 140804189-0012A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
180 140804189-0013	Fauan's Gifts & Collectables, stucco	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
180 140804189-0013A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
181 140804189-0014	Fauan's Storage, drywall compound	Cream Fibrous Layer # 1	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
181 140804189-0014A	paper	Brown Fibrous Layer # 2	85.00% Cellulose	15.00% Non-fibrous (other)	None Detected

Analyst(s)

Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

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**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
 Project: **08-21-104 - Midtown Mall**

Customer ID: LIRO50  
 Customer PO:  
 Received: 07/29/08 11:55 AM  
 EMSL Order: 140804189

EMSL Proj: Midtown  
 Analysis Date: 8/9/2008  
 Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
182 140804189-0015	Fauan's Storage, drywall compound	Cream Fibrous Layer # 1	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
182 140804189-0015A	paper	Brown Fibrous Layer # 2	90.00% Cellulose	10.00% Non-fibrous (other)	None Detected
183 140804189-0016	Fauan's Storage, drywall compound	Cream Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
184 140804189-0017	Fauan's Storage, drywall	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
184 140804189-0017A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
185 140804189-0018	1470, drywall	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
185 140804189-0018A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
186 140804189-0019	1470, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
187 140804189-0020	1470, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
188 140804189-0021	1470, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s)

Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

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EMSL Proj: Midtown  
Analysis Date: 8/9/2008  
Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
189 140804189-0022	1470, C/T	Tan Fibrous Homogeneous	45.00% Cellulose 25.00% Glass	30.00% Non-fibrous (other)	None Detected
190 140804189-0023	A Dollar, drywall	Gray Fibrous Layer # 1	2.00% Cellulose <1% Glass	98.00% Non-fibrous (other)	None Detected
190 140804189-0023A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
191 140804189-0024	A Dollar, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
192 140804189-0025	A Dollar, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
193 140804189-0026	A Dollar, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
194 140804189-0027	A Dollar, C/T	Tan Fibrous Homogeneous	40.00% Cellulose 40.00% Glass	20.00% Non-fibrous (other)	None Detected
195 140804189-0028	Jeans West Storage, drywall	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
195 140804189-0028A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
196 140804189-0029	Jeans West Storage, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s)

Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Customer ID: LIRO50  
Customer PO:  
Received: 07/29/08 11:55 AM  
EMSL Order: 140804189  
  
EMSL Proj: Midtown  
Analysis Date: 8/9/2008  
Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
197 140804189-0030	Jeans West Storage, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
198 140804189-0031	Jeans West Storage, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
199 140804189-0032	Jeans West Storage, C/T	Tan Fibrous Homogeneous	40.00% Glass	60.00% Non-fibrous (other)	None Detected
200 140804189-0033	Hair Elite, drywall	Gray Fibrous Layer # 1	20.00% Cellulose	80.00% Non-fibrous (other)	None Detected
200 140804189-0033A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
201 140804189-0034	Hair Elite, drywall compound	Cream Fibrous Homogeneous		99.50% Non-fibrous (other)	0.50% Chrysotile
202 140804189-0035	Hair Elite, drywall compound	Cream Fibrous Homogeneous		99.50% Non-fibrous (other)	0.50% Chrysotile
203 140804189-0036	Hair Elite, drywall compound	Cream Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
204 140804189-0037	Hair Elite, C/T	Tan Fibrous Homogeneous	45.00% Cellulose 20.00% Glass	35.00% Non-fibrous (other)	None Detected
206 140804189-0038	Hit or Miss, drywall	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected

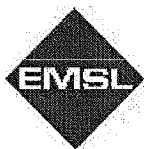
Analyst(s)

Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476

Project: **08-21-104 - Midtown Mail**

Customer ID: LIRO50  
Customer PO:  
Received: 07/29/08 11:55 AM  
EMSL Order: 140804189

EMSL Proj: Midtown  
Analysis Date: 8/9/2008  
Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
206 140804189-0039	Hit or Miss, drywall comound	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
206 140804189-0039A	paper	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
208 140804189-0040	Hit or Miss, drywall comound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
209 140804189-0041	Hit or Miss, drywall comound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
210 140804189-0042	Hit or Miss, C/T	Tan Fibrous Homogeneous	40.00% Cellulose 40.00% Glass	20.00% Non-fibrous (other)	None Detected
212 140804189-0043	Shave Elec, drywall	Gray Fibrous Layer # 1	2.00% Glass	98.00% Non-fibrous (other)	None Detected
212 140804189-0043A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
213 140804189-0044	Shave Elec, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
214 140804189-0045	Shave Elec, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
215 140804189-0046	Shave Elec, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s)

Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

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Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
 Project: **08-21-104 - Midtown Mall**

Customer ID: LIRO50  
 Customer PO:  
 Received: 07/29/08 11:55 AM  
 EMSL Order: 140804189

EMSL Proj: Midtown  
 Analysis Date: 8/9/2008  
 Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
216 140804189-0047	Shave Elec, C/T	Tan Fibrous Homogeneous	40.00% Cellulose 40.00% Glass	20.00% Non-fibrous (other)	None Detected
217 140804189-0048	Tobacco Shop, drywall	Gray Fibrous Layer # 1	1.00% Glass	99.00% Non-fibrous (other)	None Detected
217 140804189-0048A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
218 140804189-0049	Tobacco Shop, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
219 140804189-0050	Tobacco Shop, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
220 140804189-0051	Tobacco Shop, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
221 140804189-0052	Tobacco Shop, plaster	Tan/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
222 140804189-0053	Tobacco Shop, plaster	Tan/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
223 140804189-0054	Midtown Barber, drywall	Gray Fibrous Layer # 2	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
223 140804189-0054A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected

Analyst(s)

Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

**EMSL Analytical, Inc.**

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Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104 - Midtown Mall**

Customer ID: LIRO50  
Customer PO:  
Received: 07/29/08 11:55 AM  
EMSL Order: 140804189

EMSL Proj: Midtown  
Analysis Date: 8/9/2008  
Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224 140804189-0055	Midtown Barber, drywall compound	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
225 140804189-0056	Midtown Barber, drywall compound	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
226 140804189-0057	Midtown Barber, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
227 140804189-0058	Midtown Barber, C/T	Tan Fibrous Homogeneous	40.00% Cellulose 40.00% Glass	20.00% Non-fibrous (other)	None Detected
229 140804189-0059	Wheipier Paul, drywall compound	White Fibrous Homogeneous		98.90% Non-fibrous (other)	1.10% Chrysotile
230 140804189-0060	Wheipier Paul, drywall compound				Positive Stop
231 140804189-0061	Wheipier Paul, drywall compound				Positive Stop
232 140804189-0062	Wheipier Paul, drywall	White Fibrous Layer # 1	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
232 140804189-0062A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
233 140804189-0063	Wheipier Paul, C/T	Tan Fibrous Homogeneous	30.00% Cellulose 45.00% Glass	25.00% Non-fibrous (other)	None Detected

Analyst(s)

Rachel Glese (106)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640  
 Project: **08-21-104 - Midtown Mall**

Phone: (716) 882-5476

Customer ID: LIRO50  
 Customer PO:  
 Received: 07/29/08 11:55 AM  
 EMSL Order: 140804189  
 EMSL Proj: Midtown  
 Analysis Date: 8/9/2008  
 Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
234 140804189-0064	Wheipier Paul, plaster	Tan/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
235 140804189-0065	Wheipier Paul, plaster	Tan/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
237 140804189-0066	Christian Science, drywall	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
237 140804189-0066A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
238 140804189-0067	Christian Science, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
239 140804189-0068	Christian Science, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
240 140804189-0069	Christian Science, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
241 140804189-0070	Christian Science, C/T (main space)	Tan Fibrous Homogeneous	45.00% Cellulose 25.00% Glass	30.00% Non-fibrous (other)	None Detected
242 140804189-0071	Christian Science, C/T (back area)	Tan Fibrous Homogeneous	40.00% Cellulose 40.00% Glass	20.00% Non-fibrous (other)	None Detected
243 140804189-0072	Jackson Hewitt, drywall	Gray Fibrous Layer # 1	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected

Analyst(s)

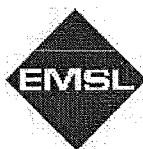
Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606



**EMSL Analytical, Inc.**

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Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640  
 Project: **08-21-104 - Midtown Mall**

Phone: (716) 882-5476

Customer ID: LIRO50  
 Customer PO:  
 Received: 07/29/08 11:55 AM  
 EMSL Order: 140804189  
 EMSL Proj: Midtown  
 Analysis Date: 8/9/2008  
 Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
243 140804189-0072A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
244 140804189-0073	Jackson Hewitt, drywall compound	Gray Fibrous Homogeneous	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
245 140804189-0074	Jackson Hewitt, drywall compound	Gray Fibrous Homogeneous	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected
246 140804189-0075	Jackson Hewitt, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
247 140804189-0076	Jackson Hewitt, C/T	Tan Fibrous Homogeneous	35.00% Cellulose 45.00% Glass	20.00% Non-fibrous (other)	None Detected
248 140804189-0077	Payless, drywall	Gray Fibrous Layer # 1	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected
248 140804189-0077A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
249 140804189-0078	Payless, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
250 140804189-0079	Payless, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
251 140804189-0080	Payless, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s)

Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104 - Midtown Mall**

Customer ID: LIRO50  
Customer PO:  
Received: 07/29/08 11:55 AM  
EMSL Order: 140804189

EMSL Proj: Midtown  
Analysis Date: 8/9/2008  
Report Date: 8/9/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
252 140804189-0081	Payless, plaster	White/Tan Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
253 140804189-0082	Payless, C/T	Tan Fibrous Homogeneous	60.00% Cellulose 10.00% Glass	30.00% Non-fibrous (other)	None Detected
255 140804189-0083	Foot Locker, drywall	Gray Fibrous Layer # 1	1.00% Cellulose <1% Glass	99.00% Non-fibrous (other)	None Detected
255 140804189-0083A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
256 140804189-0084	Foot Locker, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
257 140804189-0085	Foot Locker, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
258 140804189-0086	Foot Locker, drywall compound	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
259 140804189-0087	Foot Locker, C/T	Tan Fibrous Homogeneous	40.00% Cellulose 40.00% Glass	20.00% Non-fibrous (other)	None Detected

Analyst(s)

Rachel Giese (106)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

[illegible]

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Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **Midtown Exterior**

Customer ID: LIRO50  
Customer PO:  
Received: 08/01/08 5:00 PM  
EMSL Order: 140804293  
EMSL Proj: Midtown  
Analysis Date: 8/6/2008  
Report Date: 8/13/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	
01 140804293-0001	caulk	White	99.7	None	Inconclusive : <1 Chrysotile <1 Total All Types	Euclid
02 140804293-0002	caulk	White	99.9	None	Inconclusive : <1 Chrysotile <1 Total All Types	Euclid
03 140804293-0003	caulk	Black	99.4	None	Inconclusive : <1 Chrysotile <1 Total All Types	Euclid
04 140804293-0004	caulk	Black	99.5	None	Inconclusive : <1 Chrysotile <1 Total All Types	Euclid
05 140804293-0005	caulk	Black	100.0	None	Inconclusive: No Asbestos Detected	McCurdy
06 140804293-0006	caulk	Black	100.0	None	Inconclusive: No Asbestos Detected	McCurdy
07 140804293-0007	caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected	Mall
08 140804293-0008	caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected	Mall
09 140804293-0009	caulk	Black/Gray	100.0	None	Inconclusive: No Asbestos Detected	McCurdy
10 140804293-0010	caulk	Black/Gray	100.0	None	Inconclusive: No Asbestos Detected	B. Forman

Analyst(s)

Andrew Maciejewski (5)  
Rachel Giese (5)

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*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 is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method imitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

**EMSL Analytical, Inc.**

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Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **Midtown Exterior**

Customer ID: LIRO50  
Customer PO:  
Received: 08/01/08 5:00 PM  
EMSL Order: 140804293  
  
EMSL Proj: Midtown  
Analysis Date: 8/13/2008  
Report Date: 8/13/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
01 140804293-0001	caulk	White	99.8	None	<1% Chrysotile	<1 <i>Euclid</i>
02 140804293-0002	caulk	White	99.8	None	<1% Chrysotile	<1 <i>Euclid</i>
03 140804293-0003	caulk	Black	98.1	None	1.9% Chrysotile	1.9 <i>Euclid</i>
04 140804293-0004	caulk	Black	98.2	None	1.8% Chrysotile	1.8 <i>Euclid</i>
05 140804293-0005	caulk	Black	100.0	None	No Asbestos Detected	<i>McCurdy</i>
06 140804293-0006	caulk	Black	100.0	None	No Asbestos Detected	<i>McCurdy</i>
07 140804293-0007	caulk	Gray	100.0	None	No Asbestos Detected	<i>mall</i>
08 140804293-0008	caulk	Gray	100.0	None	No Asbestos Detected	<i>mall</i>
09 140804293-0009	caulk	Black/Gray	100.0	None	No Asbestos Detected	<i>McCurdy</i>
10 140804293-0010	caulk	Black/Gray	100.0	None	No Asbestos Detected	<i>B. Forman</i>

Analyst(s)

Rhonda McGee (10)

Rhonda McGee, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606





# EMSL Analytical, Inc.

307 West 38th Street, New York, NY 10018  
(212) 290-0051

Attn: **Liro Engineers, Inc.**  
**3 Aerial Way**  
**Syosset, NY 11791**

Fax: (212) 563-1841 Phone: (516) 938-5476  
Project: **MIDTOWN PLAZA/ MIDTOWN PLAZA, ROCHESTER NY/  
EUCLID**

Customer ID: LIRO50A  
Customer PO:  
Received: 11/04/08 9:19 AM  
EMSL Order: 030839118  
EMSL Proj:  
Report Date: 11/7/2008

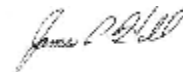
## Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
EU-EC01A 030839118-0001 EXTERIOR 3RD FLOOR WINDOW CAULK	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	11/7/2008	Gray		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	11/7/2008	Gray		N/A	None Detected	
EU-EC01B 030839118-0002 EXTERIOR 3RD FLOOR WINDOW CAULK	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	11/7/2008	Gray		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	11/7/2008	Gray		N/A	2.2% Chrysotile 2.2% Total	

NOB = Non Friable Organically Bound  
N/A = Not Applicable

Analyst(s)

George Williams  
Steve Juszczuk

  
James Hall, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The results in this report meet all requirements of the NELAC Standards unless otherwise noted. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB's. Quantitative TEM is currently the only method that can be used to determine if a NOB material can be considered or treated as non-asbestos containing.

ACCREDITATIONS: NVLAP #101048-9 and NY STATE ELAP #11506



## *Report of Asbestos Survey Services*

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### **APPENDIX B:**

### **LABORATORY ACCREDITATIONS AND PERSONNEL CERTIFICATIONS**



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



Expires 12:01 AM April 01, 2009  
Issued April 01, 2008

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

MR. JAMES HALL  
EMSL ANALYTICAL, INC  
307 WEST 38TH STREET  
NEW YORK, NY 10018

NY Lab Id No: 11506  
EPA Lab Code: NY01204

*is hereby APPROVED as an Environmental Laboratory in conformance with the  
National Environmental Laboratory Accreditation Conference Standards for the category  
ENVIRONMENTAL ANALYSES POTABLE WATER  
All approved analytes are listed below:*

**Drinking Water Miscellaneous**

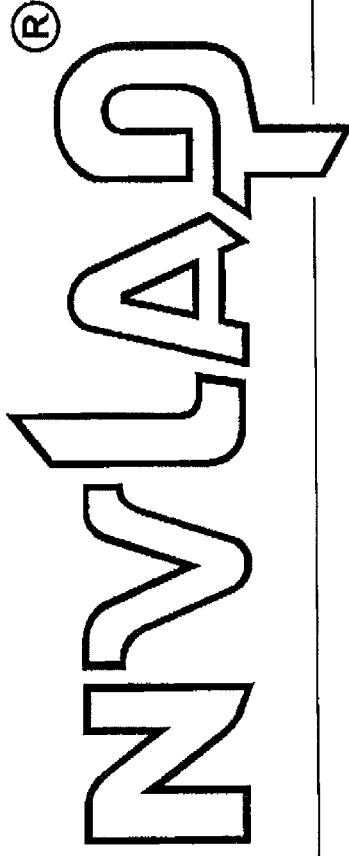
Asbestos	EPA 100.1
	EPA 100.2

Serial No.: 36244

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.



United States Department of Commerce  
National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101048-9

**EMSL Analytical, Inc.**  
New York, NY

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

### **BULK ASBESTOS FIBER ANALYSIS**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005).

2008-07-01 through 2009-06-30

Effective dates



*Dolly S. Bruce*  
For the National Institute of Standards and Technology



**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**EMSL Analytical, Inc.**

307 W. 38th Street

New York, NY 10118

Jim Hall

Phone: 212-290-0051 Fax: 212-290-0058

E-Mail: [ssiegel@emsl.com](mailto:ssiegel@emsl.com)

URL: <http://www.emsl.com>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

**NVLAP LAB CODE 101048-9**

***NVLAP Code    Designation / Description***

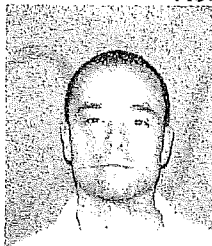
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
--------	--

2008-07-01 through 2009-06-30

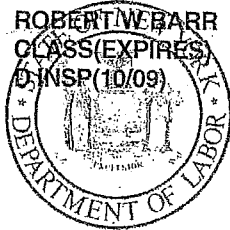
*Effective dates*

  
For the National Institute of Standards and Technology

STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



ROBERT W. BARR  
CLASS (EXPIRES)  
10/09



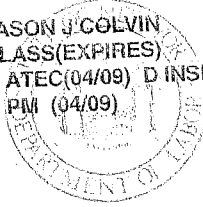
CERT# 93-19183  
DMV# 500957382

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



JASON J. COLVIN  
CLASS(EXPIRES)  
C ATEC(04/09) D INSP(04/09)  
H PM (04/09)



CERT# 02-02820

DMV# 801923361

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BRO  
HAIR BRO  
HGT 6' 00"

IF FOUND RETURN TO:  
NYSOL - L&C UNIT  
ROOM 290A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12240



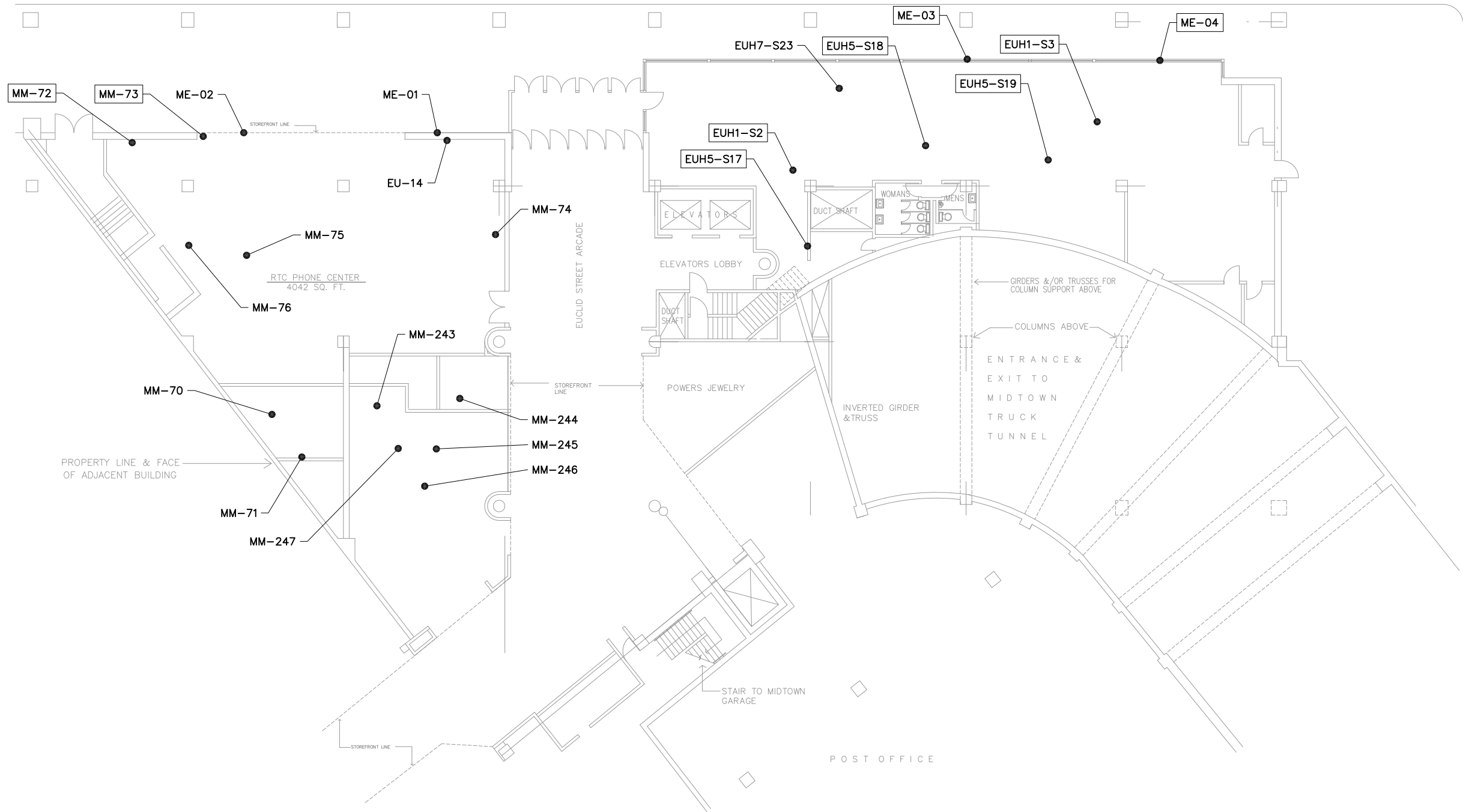
## *Report of Asbestos Survey Services*

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### **APPENDIX C: BULK SAMPLE LOCATION DRAWINGS**



EUCLID STREET



LEGEND:

- EUH6-S10 SAMPLE LOCATION (POSITIVE)
- EUH6-S10 SAMPLE LOCATION (NEGATIVE)

Scale: 0 10 20 Ft.

**WARNING**  
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NO.	DATE	DESCRIPTION
REVISIONS		

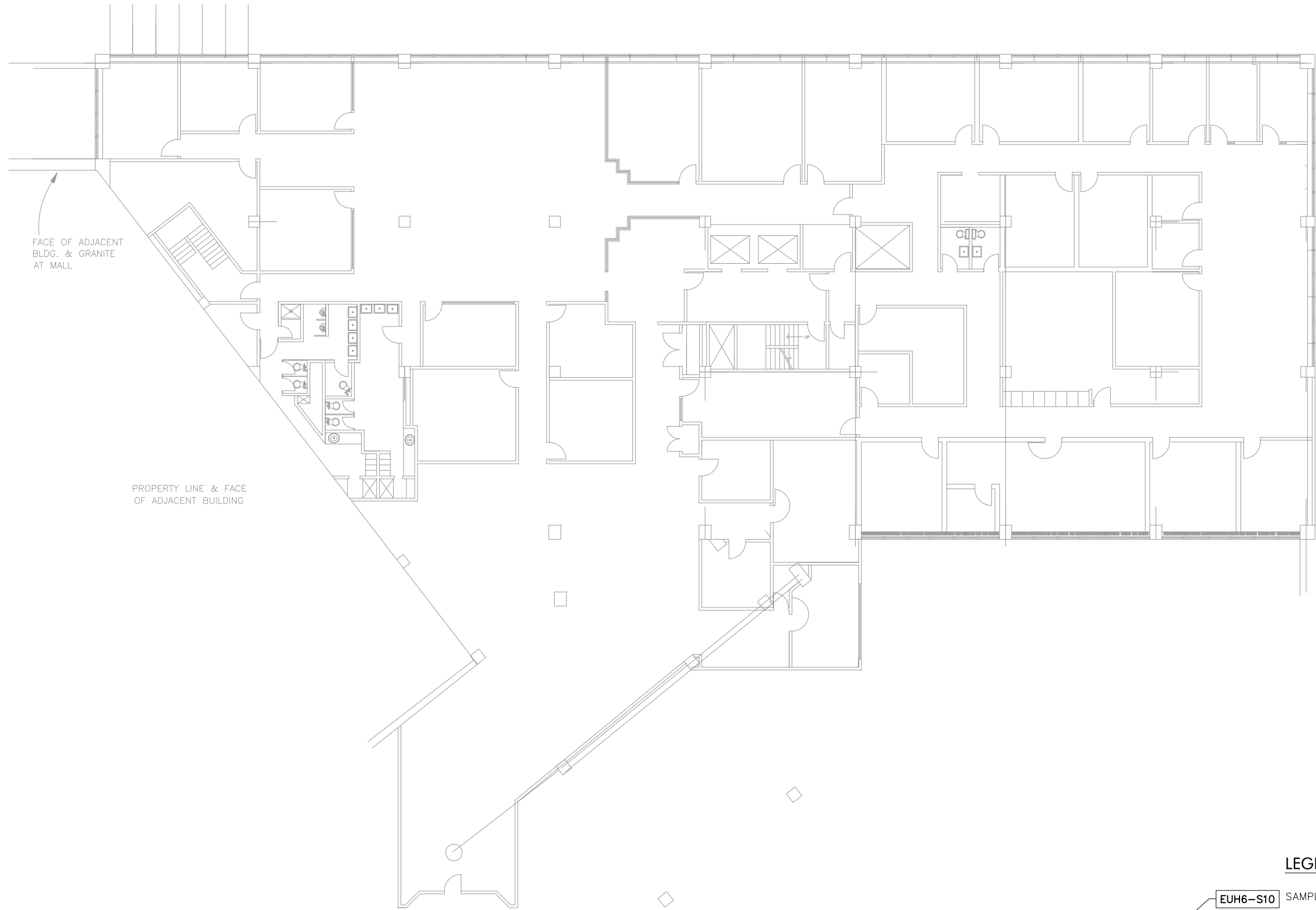
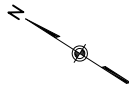


Lito Engineers, Inc.  
690 Delaware Ave.  
Buffalo, New York

PROJ. ENG.:	CLIENT:	
DESIGNED BY:	<b>Empire State Development</b> 400 Andrews Street, Suite 100 Rochester, New York 14604-1409	
CHECKED BY:		
DRAWN BY:		
DATE:	SEPTEMBER 2008	SCALE: AS SHOWN

JOB TITLE AND LOCATION:		LIRJ JOB NO.: 08-21-104	
EUCLID BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK		SHEET 2	OF 6
DRAWING TITLE:		FIGURE NO.	
1ST FLOOR BULK SAMPLE LOCATION PLAN		BSL-2	





LEGEND:

- EUH6-S10 SAMPLE LOCATION (POSITIVE)
- EUH6-S10 SAMPLE LOCATION (NEGATIVE)

Scale: 0 10 20 Ft.

**WARNING**  
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

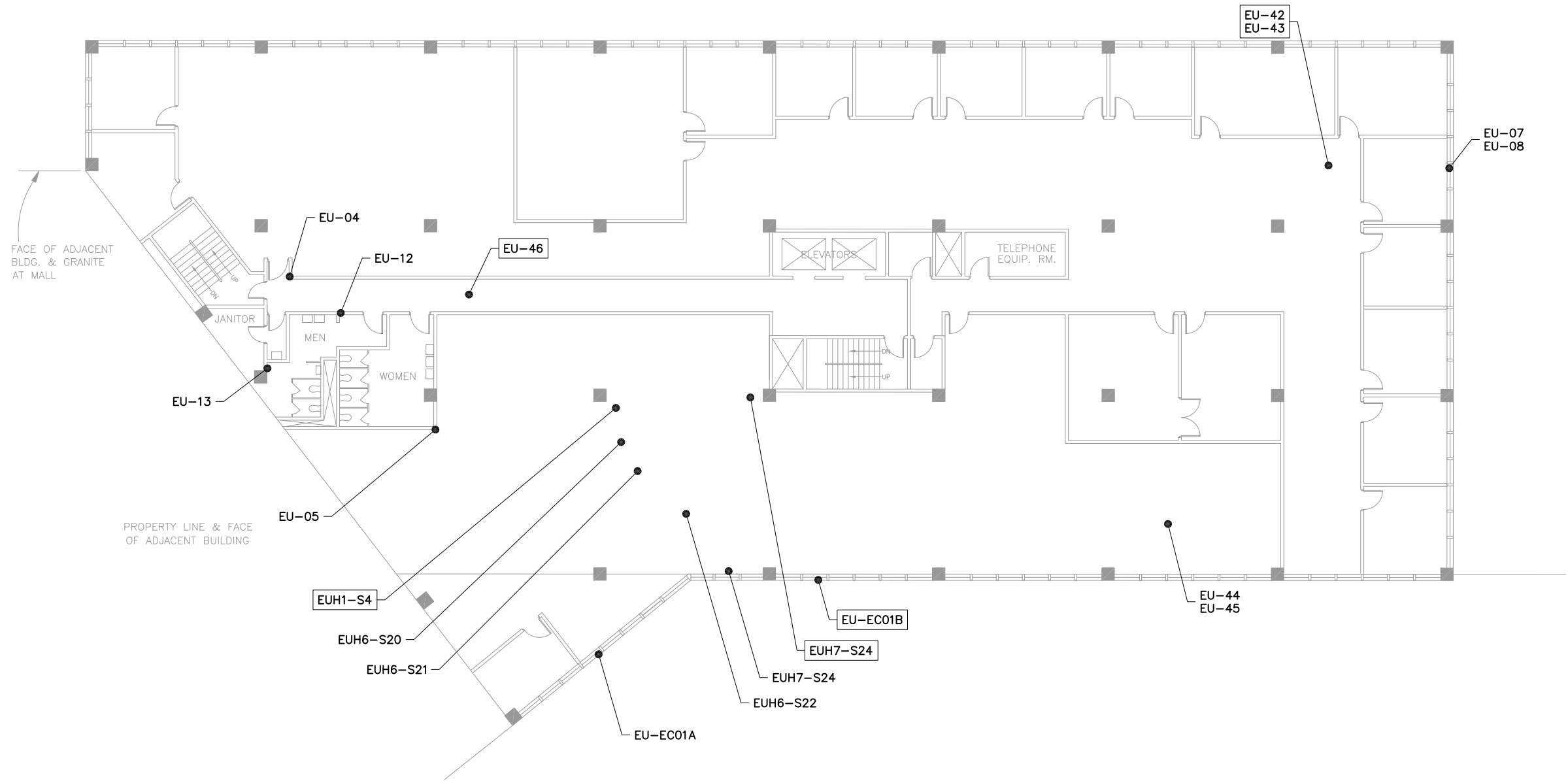
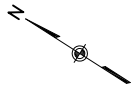
NO.	DATE	DESCRIPTION
REVISIONS		



Lito Engineers, Inc.  
690 Delaware Ave.  
Buffalo, New York

PROJ. ENG.:	<b>Empire State Development</b> 400 Andrews Street, Suite 100 Rochester, New York 14604-1409	
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:		
DATE:	SEPTEMBER 2008	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	EUCLID BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK		LIRO JOB NO.: 08-21-104
	DRAWING TITLE:		SHEET 3 OF 6
	2ND FLOOR BULK SAMPLE LOCATION PLAN		FIGURE NO. BSL-3



LEGEND:

- EUH6-S10 SAMPLE LOCATION (POSITIVE)
- EUH6-S10 SAMPLE LOCATION (NEGATIVE)




**WARNING**  
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NO.	DATE	DESCRIPTION
REVISIONS		

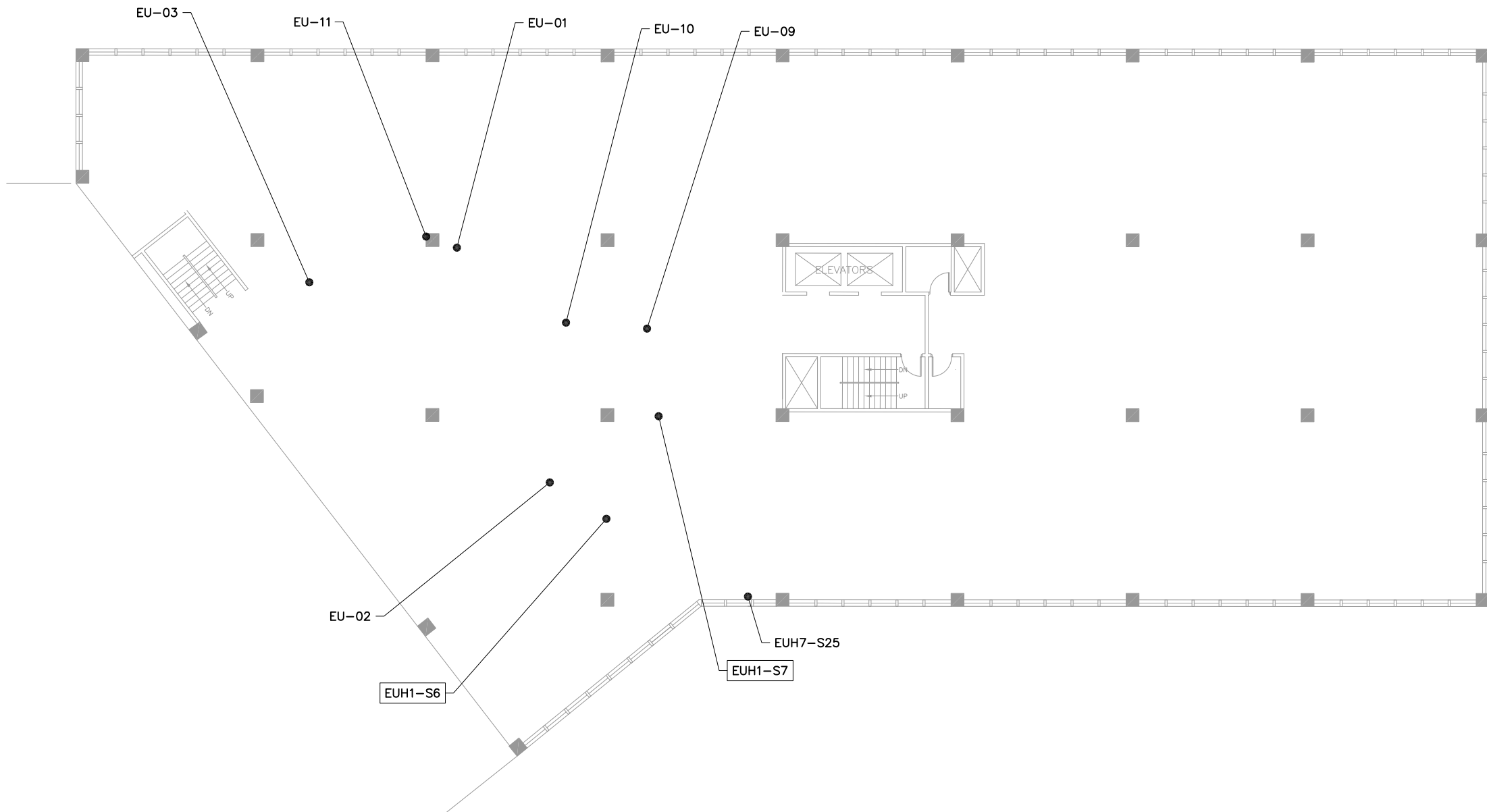
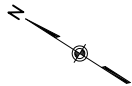


Liro Engineers, Inc.  
690 Delaware Ave.  
Buffalo, New York



PROJ. ENG.:	CLIENT:	
DESIGNED BY:	 <b>Empire State Development</b> 400 Andrews Street, Suite 100 Rochester, New York 14604-1409	
CHECKED BY:		
DRAWN BY:		
DATE:	SEPTEMBER 2008	SCALE: AS SHOWN

JOB TITLE AND LOCATION:		EUCLID BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK	
DRAWING TITLE:			
3RD FLOOR BULK SAMPLE LOCATION PLAN			

SHEET	OF
4	6



**LEGEND:**

-  **EUH6-S10** SAMPLE LOCATION (POSITIVE)
-  **EUH6-S10** SAMPLE LOCATION (NEGATIVE)

Scale:  0 10 20 Ft.


**WARNING**

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

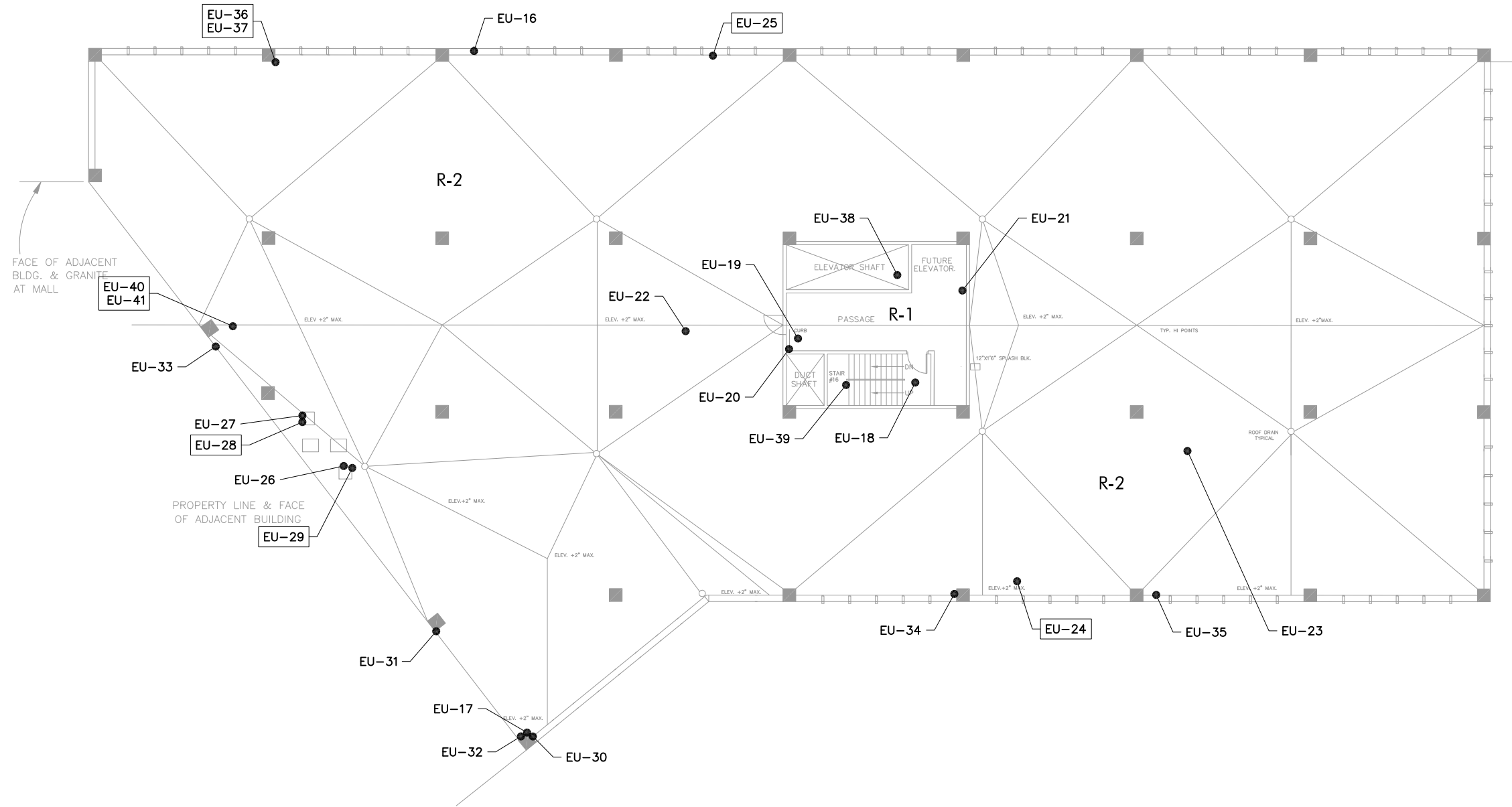
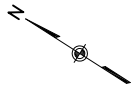
NO.	DATE	DESCRIPTION
REVISIONS		



*L&R Engineers, Inc.*  
690 Delaware Ave.  
Buffalo, New York

PROJ. ENG.:	 <b>Empire State Development</b> 400 Andrews Street, Suite 100 Rochester, New York 14604-1409	
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:		
DATE:	SEPTEMBER 2008	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	EUCLID BUILDING MIDTOWN PLAZA BULK SAMPLE LOCATION PLAN		LIRO JOB NO.: 08-21-104
	DRAWING TITLE: 4TH FLOOR BULK SAMPLE LOCATION PLAN		SHEET OF 5 6
			FIGURE NO. BSL-5



LEGEND:

- EUH6-S10 SAMPLE LOCATION (POSITIVE)
- EUH6-S10 SAMPLE LOCATION (NEGATIVE)

Scale: 0 10 20 Ft.

WARNING

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NO.	DATE	DESCRIPTION
REVISIONS		



Liro Engineers, Inc.  
690 Delaware Ave.  
Buffalo, New York

PROJ. ENG.:

DESIGNED BY:

CHECKED BY:

DRAWN BY:

CLIENT:

**Empire State Development**  
400 Andrews Street, Suite 100  
Rochester, New York 14604-1409

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

JOB TITLE AND LOCATION:

**EUCLID BUILDING  
MIDTOWN PLAZA  
ROCHESTER, NEW YORK**

DRAWING TITLE:

**ROOF  
BULK SAMPLE LOCATION PLAN**

LIRO JOB NO.:

08-21-104

SHEET OF

6 6

FIGURE NO.

**BSL-6**



## ***Report of Asbestos Survey Services***

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### **APPENDIX D: PHOTOGRAPHIC LOG**



## ***Report of Asbestos Survey Services***

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Typical view 3<sup>rd</sup> floor - ceiling tiles removed



Typical view of spray-on fireproofing in basement hall.



Spray-on fireproofing in stairwell



Heat exchanger off loading dock



## *Report of Asbestos Survey Services*

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### **APPENDIX E:**

### **AAC CONTRACTING, INC. EUCLID BULK SAMPLE ANALYSIS RESULTS**

**A . A . C .**  
**CONTRACTING, INC.**

**BULK SAMPLES**  
**ANALYSIS RESULTS**



## BULK SAMPLE ANALYSIS REPORT

Paradigm Laboratory utilized Polarized Light Microscopy with dispersion staining for the analysis of bulk samples of suspect ACM. This analysis results in the quantification of all types of asbestos minerals as well as the other components of the material to be analyzed. The results are recorded as the following bulk sample analysis record; this record contains the following information:

H - This identifies the Homogeneous Area number as assigned by our field staff during the inspection.

S# - Details the sample number assigned to each sample.

ASBESTOS	-CHRY - % of Chrysotile Asbestos in the sample
	-AMOS - % of Amosite Asbestos in the sample
	-CROC - % of Crocidolite Asbestos in the sample
	-ANTH - % of Anthophyllite Asbestos in the sample
	-ACT/TRM - % of Actinolite/Tremolite in the sample

% ASB - Total percentage of all types of asbestos in the sample

TOT% - Total percentage of all materials making up the sample. Must be 100%.

DATE - The actual date when the sample was analyzed in our laboratory.

MICROSCOPIST - The name of the microscopist who actually analyzed the sample in question.

# PARADIGM

## ENVIRONMENTAL

### SERVICES, INC.

NVLAP  
 ELAP Identification code 10958  
 NVLAP Identification code 1819

961 LYELL AVENUE

BUILDING 2, SUITE 8

ROCHESTER, NEW YORK 14606

(716) 647-2530

10/24/90

#### BULK SAMPLES ANALYSIS REPORT For A.A.C. CONTRACTING, INC.

Job 5262

PAGE 1

DATE	SAMPLE ID	LOCATION	DESCRIPTION	ASBESTOS FIBERS	NON-ASBESTOS FIBERS	NON-FIBR MATERIAL
ANALYST/MICROSCOPE: Jacqueline Sipples Olympus BH-2 #232953						
10/23/90	EUH01-S01 / L#9408	MIDTOWN-EUCLID BLDG.	Beige Fibrous Spray-On Fireproofing	chrysotile 20%	None Detected	80%
10/23/90	EUH01-S02 / L#9409	MIDTOWN-EUCLID BLDG.	Beige Fibrous Spray-On Fireproofing	chrysotile 40%	None Detected	60%
10/23/90	EUH01-S03 / L#9410	MIDTOWN-EUCLID BLDG.	Beige Fibrous Spray-On Fireproofing	chrysotile 35%	None Detected	65%
10/23/90	EUH01-S04 / L#9411	MIDTOWN-EUCLID BLDG.	Beige Fibrous Spray-On Fireproofing	chrysotile 35%	None Detected	65%
10/23/90	EUH01-S05 / L#9412	MIDTOWN-EUCLID BLDG.	Beige Fibrous Spray-On Fireproofing	chrysotile 35%	None Detected	65%
10/23/90	EUH01-S06 / L#9413	MIDTOWN-EUCLID BLDG.	Beige Fibrous Spray-On Fireproofing	chrysotile 40%	None Detected	60%
10/23/90	EUH01-S07 / L#9414	MIDTOWN-EUCLID BLDG.	Beige Fibrous Spray-On Fireproofing	chrysotile 35%	None Detected	65%
10/23/90	EUH02-S08 / L#9415	MIDTOWN-EUCLID BLDG.	Grey Fibrous Insulation	chrysotile 35%	mineral wool 45%	20%
10/23/90	EUH02-S09 / L#9416	MIDTOWN-EUCLID BLDG.	Grey Fibrous Insulation	chrysotile 30%	mineral wool 40%	30%
10/23/90	EUH02-S10 / L#9417	MIDTOWN-EUCLID BLDG.	Grey Fibrous Insulation	chrysotile 45%	mineral wool 30%	25%
10/24/90	EUH03-S11 / L#9418	MIDTOWN-EUCLID BLDG.	Beige Fibrous Insulation	chrysotile 40%	cellulose <1% mineral wool 40%	20%
10/24/90	EUH03-S12 / L#9419	MIDTOWN-EUCLID BLDG.	Beige Fibrous Insulation	chrysotile 45%	mineral wool 25%	30%
10/24/90	EUH03-S13 / L#9420	MIDTOWN-EUCLID BLDG.	Beige Fibrous Insulation	chrysotile 36%	cellulose 40%	24%
10/24/90	EUH04-S14 / L#9421	MIDTOWN-EUCLID BLDG.	Grey Fibrous Pipe Insulation	amosite 75%	None Detected	25%
10/24/90	EUH04-S15 / L#9422	MIDTOWN-EUCLID BLDG.	Grey Fibrous Pipe Insulation	amosite 75%	None Detected	25%
10/24/90	EUH04-S16 / L#9423	MIDTOWN-EUCLID BLDG.	Grey Fibrous Pipe Insulation	amosite 75%	None Detected	25%
10/24/90	EUH05-S17 / L#9424	MIDTOWN-EUCLID BLDG.	Beige Fibrous Insulation	chrysotile 45%	mineral wool 35%	20%
10/24/90	EUH05-S18 / L#9425	MIDTOWN-EUCLID BLDG.	Beige Fibrous Insulation	chrysotile 40%	mineral wool 35%	25%
10/24/90	EUH05-S19 / L#9426	MIDTOWN-EUCLID BLDG.	Beige Fibrous Insulation	chrysotile 45%	mineral wool 30%	25%

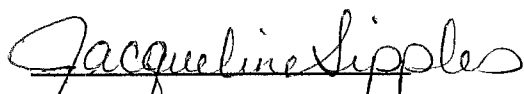
10/24/90

BULK SAMPLES ANALYSIS REPORT  
For  
A.A.C. CONTRACTING, INC.

Job 5262

PAGE 2

DATE	SAMPLE ID	LOCATION	DESCRIPTION	ASBESTOS FIBERS	NON-ASBESTOS FIBERS	NON-FIBR MATERIAL
ANALYST/MICROSCOPE: Jacqueline Sipples Olympus BH-2 #232953						
10/24/90	EUH06-S20 / L#9427	MIDTOWN-EUCLID BLDG.	Grey Fibrous Insulation	None Detected	cellulose <1% mineral wool 50%	50%
10/24/90	EUH06-S21 / L#9428	MIDTOWN-EUCLID BLDG.	Grey Fibrous Insulation	None Detected	mineral wool 45%	55%
10/24/90	EUH06-S22 / L#9429	MIDTOWN-EUCLID BLDG.	Grey Fibrous Insulation	None Detected	mineral wool 40%	60%
10/24/90	EUH07-S23 / L#9430	MIDTOWN-EUCLID BLDG.	White Fibrous Blown-In Insulation	None Detected	cellulose <1% Fibrqls/Min.Wool 99%	1%
10/24/90	EUH07-S24 / L#9431	MIDTOWN-EUCLID BLDG.	White Fibrous Blown-In Insulation	None Detected	cellulose <1% Fibrqls/Min.Wool 99%	1%
10/24/90	EUH07-S25 / L#9432	MIDTOWN-EUCLID BLDG.	White Fibrous Blown-In Insulation	None Detected	cellulose <1% Fibrqls/Min.Wool 99%	1%
10/24/90	EUH08-S26 / L#9433	MIDTOWN-EUCLID BLDG.	Grey Fibrous Insulation	amosite 45% chrysotile 30%	cellulose <1%	25%
10/24/90	EUH08-S27 / L#9434	MIDTOWN-EUCLID BLDG.	Grey Fibrous Insulation	amosite 29% chrysotile 51%	None Detected	20%
10/24/90	EUH09-S28 / L#9435	MIDTOWN-EUCLID BLDG.	Beige Fibrous Ceiling Material	chrysotile 30%	cellulose 2%	68%
10/24/90	EUH09-S29 / L#9436	MIDTOWN-EUCLID BLDG.	Beige Fibrous Ceiling Material	chrysotile 50%	None Detected	50%
10/24/90	EUH09-S30 / L#9437	MIDTOWN-EUCLID BLDG.	Beige Fibrous Ceiling Material	chrysotile 40%	None Detected	60%



Jacqueline A. Sipples,

POLARIZED LIGHT WITH DISPERSION STAINING BULK SAMPLE ANALYSIS

The samples were analyzed by Polarized Light Microscopy, according to the Interim Method for the Determination of Asbestos in Bulk Insulation Samples. (40 CFR Ch. 1 (1-1-37 ed.) Pt. 763, Subpart F App. A, pp. 293-299)

ANALYTICAL REFERENCES: Sample evaluations have been accomplished in accordance with the EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples"--EPA publication 600/M4-82-020 December 1982.

FURTHER REFERENCE: "Bulk Analysis for Asbestos Content: Evaluation of the Tentative Method"--EPA publication EPA-600/4-82-021 April 1982.

A handwritten signature in cursive script that reads "Jacqueline Sipples". The signature is written in dark ink and is positioned above the printed name and title.

Jacqueline A. Sipples,  
Laboratory Director

PROJECT NAME: EUCLID BUILDING

INSPECTOR: JEFF SETTER

ADDRESS: ROCHESTER, NEW YORK

DATE: OCTOBER 2-17, 1990

HOMOGENEOUS SAMPLE ID #	TYPE OF MATERIAL	AMOUNT OF MATERIAL	BUILDING LOCATION	SAMPLE LOCATION
1 EUH1-S1	SPRAY-ON FIREPROOFING	CHRYBOTILE 20%	EUCLID BUILDING	BASEMENT MAIN EQUIPMENT ROOM
1 EUH1-S2	"	CHRYBOTILE 40%	" "	1ST FLOOR OFFICE AREA
1 EUH1-S3	"	CHRYBOTILE 35%	" "	1ST FLOOR OFFICE AREA
1 EUH1-S4	"	CHRYBOTILE 35%	" "	3RD FLOOR VACANT AREA
1 EUH1-S5	"	CHRYBOTILE 35%	" "	3RD FLOOR VACANT AREA
1 EUH1-S6	"	CHRYBOTILE 40%	" "	4TH FLOOR VACANT AREA
1 EUH1-S7	"	CHRYBOTILE 35%	" "	4TH FLOOR VACANT AREA
2 EUH2-S8	T.S.I. FITTINGS ON GLASS	CHRYBOTILE 35%	" "	BASEMENT MAIN EQUIPMENT ROOM
2 EUH2-S9	"	CHRYBOTILE 30%	" "	BASEMENT SOUTH STORE ROOM
2 EUH2-S10	"	CHRYBOTILE 45%	" "	BASEMENT CORRIDOR
3 EUH3-S11	T.S.I. FITTINGS ON GLASS	CHRYBOTILE 40%	" "	BASEMENT MAIN EQUIPMENT ROOM
3 EUH3-S12	"	CHRYBOTILE 45%	" "	BASEMENT MAIN EQUIPMENT ROOM
3 EUH3-S13	"	CHRYBOTILE 36%	" "	BASEMENT MAIN EQUIPMENT ROOM
4 EUH4-S14	T.S.I. MAGNESIA INS.	AMOSITE 75%	" "	BASEMENT STEAM ROOM
4 EUH4-S15	"	AMOSITE 75%	" "	BASEMENT STEAM ROOM
4 EUH4-S16	"	AMOSITE 75%	" "	BASEMENT STEAM ROOM
5 EUH5-S17	T.S.I. FITTINGS ON GLASS	CHRYBOTILE 45%	" "	1ST FLOOR OFFICE AREA
5 EUH5-S18	"	CHRYBOTILE 40%	" "	1ST FLOOR OFFICE AREA
5 EUH5-S19	"	CHRYBOTILE 45%	" "	1ST FLOOR OFFICE AREA
6 EUH6-S20	T.S.I. FITTING ON GLASS	NON ASBESTOS	" "	3RD FLOOR VACANT AREA
6 EUH6-S21	"	NON ASBESTOS	" "	3RD FLOOR VACANT AREA
6 EUH6-S22	"	NON ASBESTOS	" "	3RD FLOOR VACANT AREA
7 EUH7-S23	BLOWN-IN INSULATION	NON ASBESTOS	" "	1ST FLOOR OFFICE AREA
7 EUH7-S24	"	NON ASBESTOS	" "	3RD FLOOR VACANT AREA

INSPECTOR: JEFF SETTER

DATE: OCTOBER 2-17, 1990

HOMOGENEOUS		TYPE OF	AMOUNT OF	BUILDING	SAMPLE
SAMPLE ID #	MATERIAL	MATERIAL	LOCATION	LOCATION	LOCATION
7	EUH7-S25	BLOWN-IN INSULATION	NON ASBESTOS	EUCLID BUILDING	4TH FLOOR
8	EUH8-S26	HEAT EXCHANGER INSULATION	AMOSITE 45% CHRYSTOTILE 30%	" "	VACANT AREA BASEMENT
8	EUH8-S27	"	AMOSITE 29% CHRYSTOTILE 51%	" "	MAIN EQUIPMENT ROOM
9	EUH9-S28	CEILING MATERIAL	CHRYSTOTILE 35%	" "	BASEMENT MAIN EQUIPMENT ROOM
9	EUH9-S29	"	CHRYSTOTILE 50%	" "	LOADING DOCK
9	EUH9-S30	"	CHRYSTOTILE 40%	" "	LOADING DOCK
				</	

# CHAIN OF CUSTODY FORM

PROJECT NAME: MIDTOWN EUCLID BUILDING

ADDRESS: ROCHESTER, NEW YORK

DATE OF SAMPLING: OCTOBER 17, 1990

SAMPLE #1	TYPE OF MATERIAL	COLOR	SAMPLE LOCATION
EUH1-S1	SPRAY-ON FIREPROOFING	BROWN	BASEMENT MAIN EQUIPMENT ROOM
EUH1-S2	" "	"	1ST FLOOR OFFICE AREA
EUH1-S3	" "	"	1ST FLOOR OFFICE AREA
EUH1-S4	" "	"	3RD FLOR VACANT AREA
EUH1-S5	" "	"	3RD FLOOR VACANT AREA
EUH1-S6	" "	"	4TH FLOOR VACANT AREA
EUH1-S7	" "	"	4TH FLOOR VACANT AREA
EUH2-S8	FITTINGS ON GLASS LINES	GREY	BASEMENT MAIN EQUIPMENT ROOM
EUH2-S9	" "	"	BASEMENT SOUTH STORE ROOM
EUH2-S10	" "	"	BASEMENT CORRIDOR
EUH3-S11	NEWER FITTINGS ON GLASS LINES	GREY	BASEMENT MAIN EQUIPMENT ROOM
EUH3-S12	" "	"	BASEMENT MAIN EQUIPMENT ROOM
EUH3-S13	" "	"	BASEMENT MAIN EQUIPMENT ROOM
EUH4-S14	MAGNESIA PIPE INSULATION	WHITE	BASEMENT STEAM ROOM
EUH4-S15	" "	"	BASEMENT STEAM ROOM
EUH4-S16	" "	"	BASEMENT STEAM ROOM
EUH5-S17	FITTINGS ON GLASS LINES	GREY	1ST FLOOR OFFICE AREA
EUH5-S18	" "	"	1ST FLOOR OFFICE AREA
EUH5-S19	" "	"	1ST FLOOR OFFICE AREA
EUH6-S20	FITTINGS ON GLASS LINES	GREY	3RD FLOOR VACANT AREA
EUH6-S21	" "	"	3RD FLOOR VACANT AREA
EUH6-S22	" "	"	3RD FLOOR VACANT AREA
EUH7-S23	BLOWN-IN INSULATION	WHITE	1ST FLOOR OFFICE AREA

SAMPLES COLLECTED BY: JEFF SETTER

TRANSPORTED FROM: MIDTOWN

TO: PARADIGM ENVIRONMENTAL

BY: JEFF SETTER

DATE: 10/18/90

SAMPLES RECEIVED BY: LESLIE S NICOLAY

DATE: 10/18/90

Year	Age	Gender	Marital Status	Religion	Education	Occupation	Income	Assets	Liabilities	Net Worth	Debt Ratio	Financial Health
2010	35	Male	Married	Hindu	Graduate	Software Engineer	₹12,00,000	₹5,00,000	₹2,00,000	₹3,00,000	0.17	Good
2011	36	Male	Married	Hindu	Graduate	Software Engineer	₹13,00,000	₹5,50,000	₹2,20,000	₹3,30,000	0.17	Good
2012	37	Male	Married	Hindu	Graduate	Software Engineer	₹14,00,000	₹6,00,000	₹2,40,000	₹3,60,000	0.17	Good
2013	38	Male	Married	Hindu	Graduate	Software Engineer	₹15,00,000	₹6,50,000	₹2,60,000	₹3,90,000	0.17	Good
2014	39	Male	Married	Hindu	Graduate	Software Engineer	₹16,00,000	₹7,00,000	₹2,80,000	₹4,20,000	0.17	Good
2015	40	Male	Married	Hindu	Graduate	Software Engineer	₹17,00,000	₹7,50,000	₹3,00,000	₹4,50,000	0.17	Good
2016	41	Male	Married	Hindu	Graduate	Software Engineer	₹18,00,000	₹8,00,000	₹3,20,000	₹4,80,000	0.17	Good
2017	42	Male	Married	Hindu	Graduate	Software Engineer	₹19,00,000	₹8,50,000	₹3,40,000	₹5,10,000	0.17	Good
2018	43	Male	Married	Hindu	Graduate	Software Engineer	₹20,00,000	₹9,00,000	₹3,60,000	₹5,40,000	0.17	Good
2019	44	Male	Married	Hindu	Graduate	Software Engineer	₹21,00,000	₹9,50,000	₹3,80,000	₹5,70,000	0.17	Good
2020	45	Male	Married	Hindu	Graduate	Software Engineer	₹22,00,000	₹10,00,000	₹4,00,000	₹6,00,000	0.17	Good

ADDRESS: ROCHESTER, NEW YORK

DATE OF SAMPLING: OCTOBER 17, 1990

SAMPLES COLLECTED BY: JEFF SETTER

TRANSPORTED FROM: MIDTOWN

TO: PARADIGM ENVIRONMENTAL

BY: JEFF SETTER

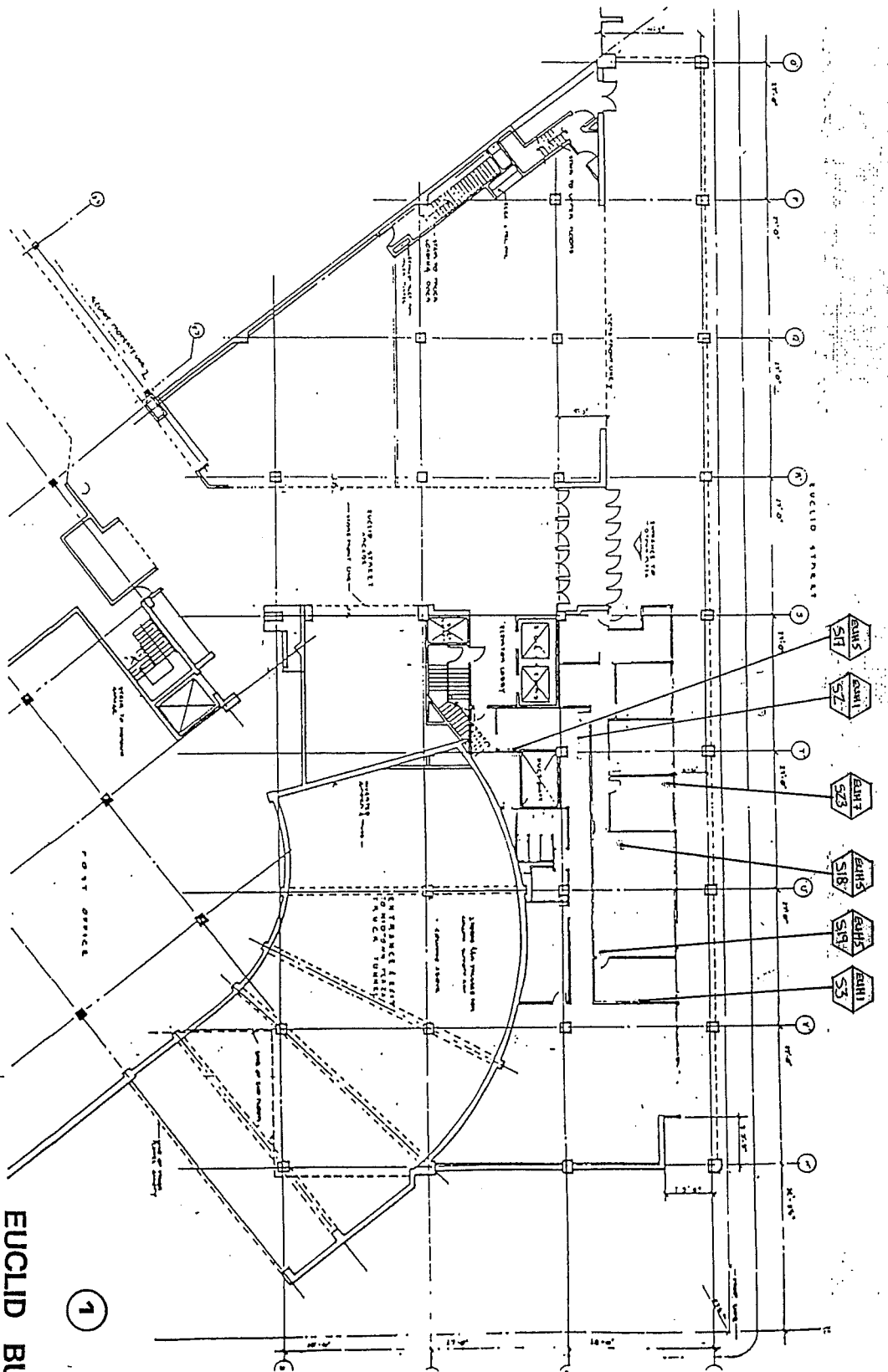
DATE: 10/18/90

SAMPLES RECEIVED BY: LESLIE S NICOLAY

DATE: 10/18/90

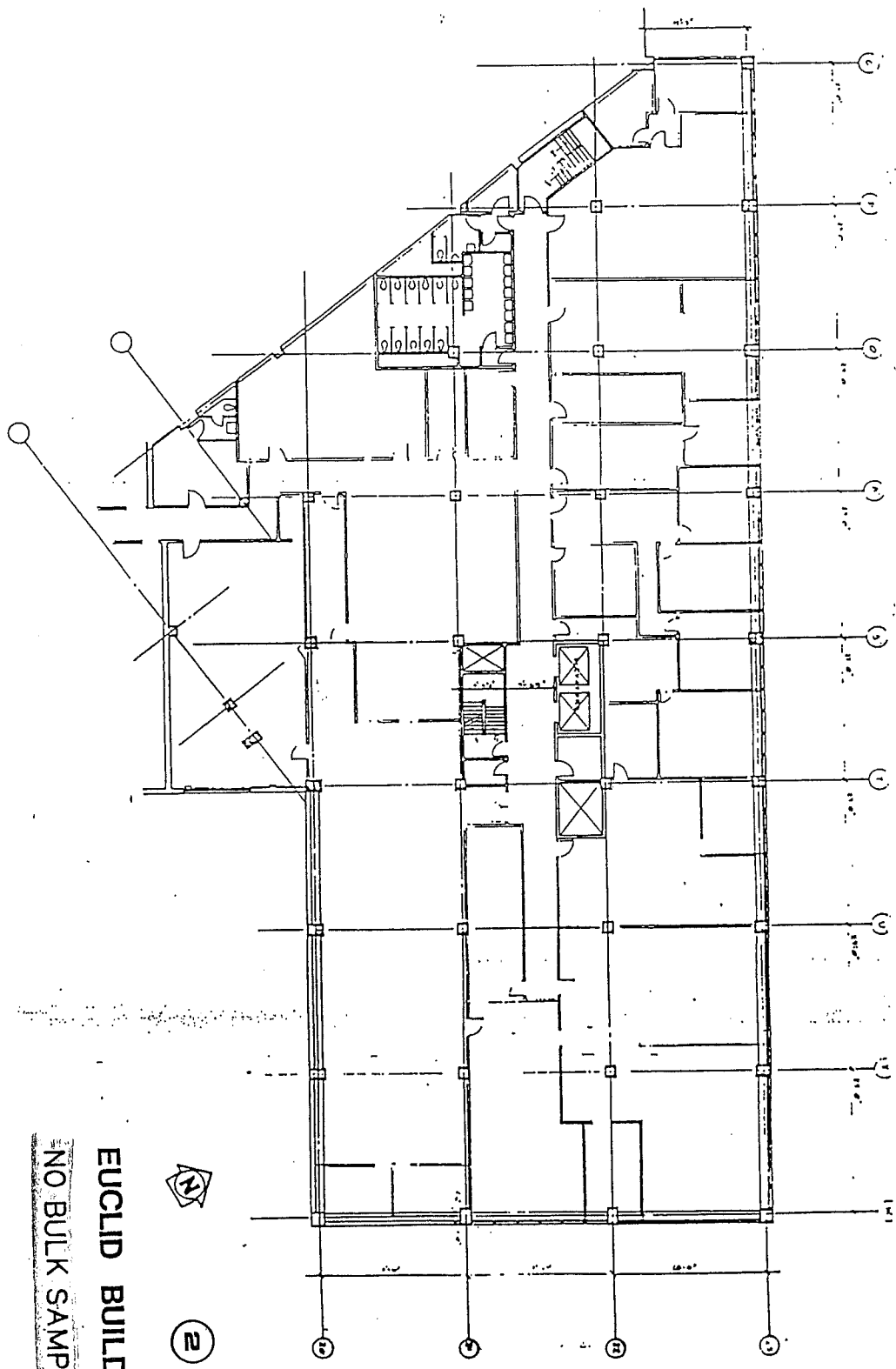






**EUCLID BUILDING**  
**BULK SAMPLE**  
**LOCATIONS**

1



**EUCLID BUILDING**

**NO BULK SAMPLES**



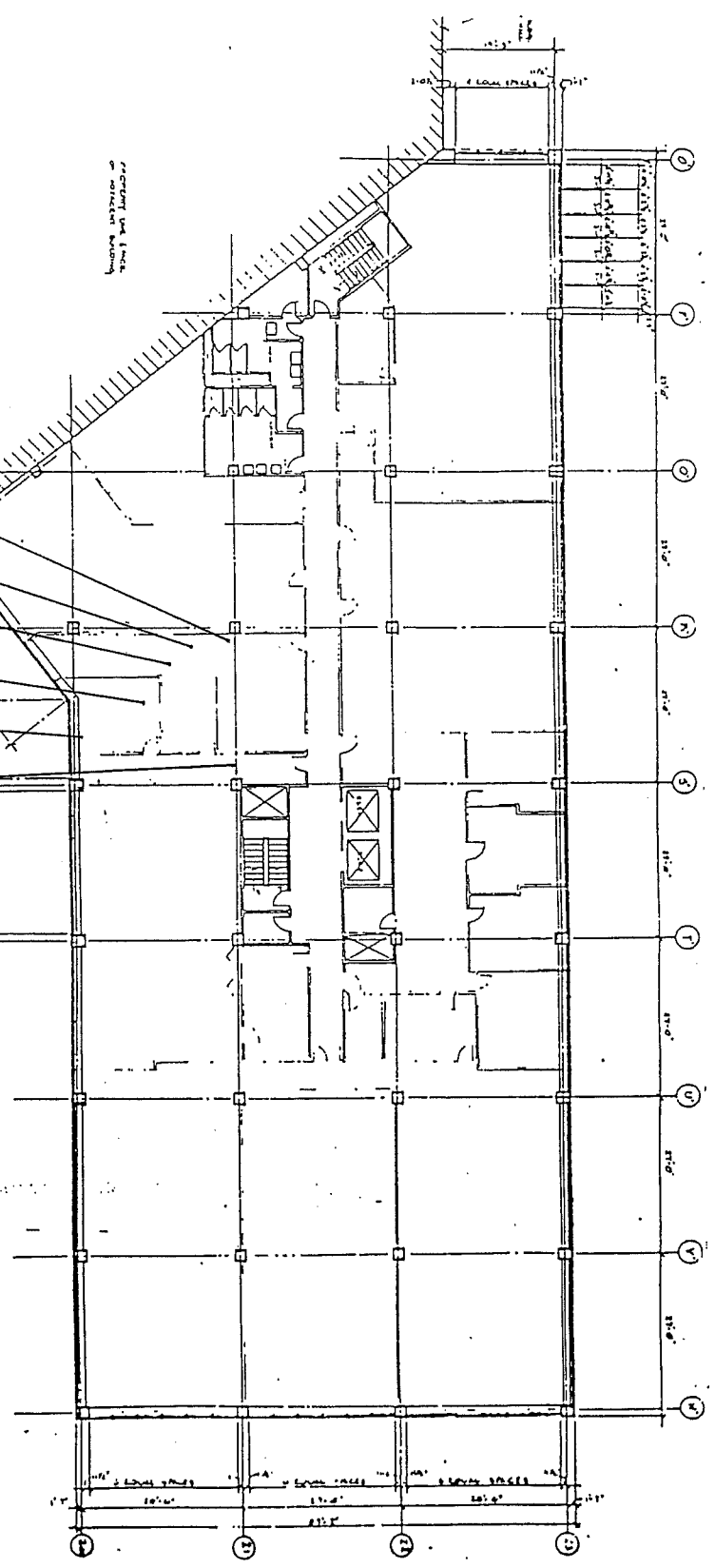
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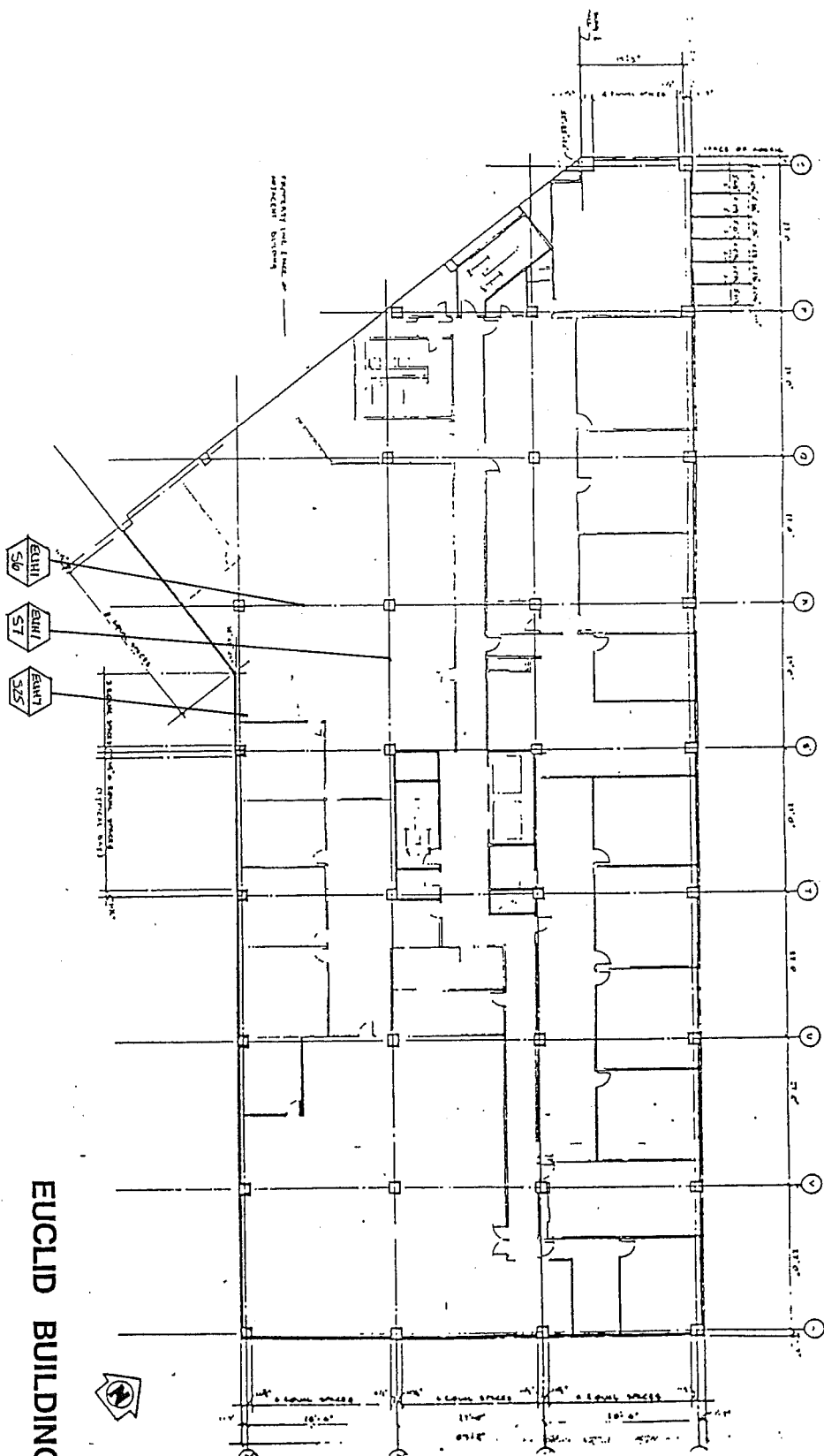
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EUCLID BUILDING  
BULK SAMPLE  
LOCATIONS



3





**EUCLID BUILDING**  
**BULK SAMPLE**  
**LOCATIONS**