Pre-Demolition Asbestos Survey Report

for

The McCurdy's Building

of

Midtown Plaza Complex

Rochester, New York

Prepared for:

Empire State Development

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
December 17, 2008

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Appendices

1.0 EXECUTIVE SUMMARY

LiRo Engineers, Inc. was retained to prepare an asbestos survey for pre-demolition purposes at the McCurdy's Building (vacant commercial office building, department store and additions). JMD Environmental, Inc. 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 May and August 2008. Supplemental sampling was conducted during November and December 2008. In total, two hundred (200) samples were collected for asbestos analysis from the area. Samples were analyzed by EMSL Analytical (Job # 81-21-104) or AmeriSci Richmond (Job #108051631). Analytical results are included in Appendix A of this report. This report represents Site conditions as of December 2008.

Figure 1 illustrates the location of the McCurdy Building in relation to the rest of the Midtown Plaza.

The McCurdy's Building consists of a sub-basement, basement and 6 floors totaling approximately 494,700 square feet of floor space. Additionally, limited bulk sampling was performed on the Main Street Skywalk as part of this survey. However, due to the skywalks shared use with an adjacent building, JMD was unable to implement the destructive sampling necessary to thoroughly characterize the skywalk, therefore, following review of structural drawings, assumptions were made in determining the presence of asbestos containing materials related to the skywalk.

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.

Areas of the building have been separated into sections (1, 2, 3 and 4) based on the original building footprint and each subsequent addition. These sections were later used in asbestos management plan reports and then again in this report. The locations of building sections 1-4 are illustrated on Figure 2.

Information from a previous Friable Asbestos Containing Building Materials Survey performed by The Sear-Brown Group, Inc. (Sear-Brown) dated June 1992 and a Phase I Environmental Review prepared by Sear-Brown dated June 1992 has been incorporated into this report. The Sear-Brown asbestos survey report and the section of the Phase I report discussing asbestos containing materials are attached as Appendix E to this report.

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

- Spray-on Fireproofing –417,500 SF
- Ceiling systems – 262,750 SF
- Pipe insulation – 6,990 LF
- Pipe insulation debris – 100 SF
- Fittings on fiberglass pipe insulation – 670 fittings
- Duct/duct block insulation – 2,550 SF
- Floor tile/mastic – 39,700 SF
- Terrazzo tar paper - 82,500 SF
- Mirror mastic – 12,030 SF
- Transite panels/boards – 2,820 SF
- Transite electrical panel – 9 panel boxes
- Fire doors – 44 doors
- Vibration cloth/expansion joints – 48 each
- Caulk at walk-in cooler – 20 SF
- Windows with ACM caulk/glaze – 34 each
- Mastic from 1x1 ceiling tiles – 4,500 SF
- Transite cooling tower – 20'x20'x15', plus 100 SF of spare transite replacement panels
- Roof flashing – 5,250 LF
- Roof vents - 3 vents
- Coping tar – 500 LF
- Transite pipe – 40 LF
- Elevator components – 7 each

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, cementatious 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 then 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

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. Sample analysis was performed by Amerisci Richmond located at 13635 Genito Road, Midlothian, Virginia and EMSL Analytical, Inc. located at 490 Rowley Road, Depew, New York. Laboratory accreditations are listed below:

Amerisci Richmond

- National Voluntary Laboratory Accreditation Program (Lab Code 101904-0)
- New York State Environmental Laboratory Approval Program (Lab ID No. 10984)

EMSL Analytical

- National Voluntary Laboratory Accreditation Program (Lab Code 200056-0)
- New York State Environmental Laboratory Approval Program (Lab ID No. 11606)

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
Spray-on Fireproofing	**Previously reported by Sear-Brown**		**Y**	**Friable**
Pipe Insulation	**Previously reported by Sear-Brown**		**Y**	**Friable**
Fittings on fiberglass pipe insulation	**Previously reported by Sear-Brown**		**Y**	**Friable**
Gray 9x9 Floor tile + mastic	MC-01, 02	BSL-7,8	N	-
Red linoleum flooring	MC-03, 04	BSL-8	N	-
12x12 Pink floor tile + mastic	MC-05, 06	BSL-6	N	-
Window sill mastic (interior)	MC-07, 08	BSL-8	N	-
Mastic on 1x1 ceiling tiles (brown)	**MC-09, 10**	**BSL-8**	**Y**	**Non-friable**
Floor leveler + carpet mastic	MC-11, 12	BSL-6	N	-
Mastic under computer floor posts	MC-13, 14	BSL-6	N	-
Original window glaze	**MC-15, 16**	**BSL-6**	**Y**	**Non-friable**
Mastic on vinyl cove base	MC-17, 18	BSL-8	N	-
Paper tabs on ceiling (inner floor)	MC-19, 20	BSL-8	N	-
Vermiculite plaster on structural steel	MC-21, 22, 23	BSL-8	N	-
Duct insulation (canvas wrapped)	MC-24, 25, 26	BSL-6	N	-
Tar/foil wrapped fiberglass pipe insulation	MC-27, 28, 29	BSL-7,8	N	-
Drywall compound	MC-33, 34, 35	BSL-6,7,8	N	-
Drywall compound	MC-36, 37, 38	BSL-6,7,8	N	-
Drywall compound	MC-39, 40, 41	BSL-6,7,8	N	-
White duct seam tape	MC-42, 43	BSL-8	N	-
Fireproofing at escalator (new)	MC-44, 45, 46	BSL-7	N	-
Tar/waterproof membrane	MC-47, 48	BSL-8	N	-
1x1 Ceiling tile	MC-49, 50	BSL-2,4	N	-

Homogeneous Material	Sample #'s	Reference Figure	ACM	Friability
Gray duct sealant/caulk	MC-51, 52	BSL-5	N	-
Red 12x12 floor tile + mastic	**MC-53, 54**	**BSL-4**	**Y**	**Non-friable**
Exterior waterproofing tar on foundation	MC-55, 56	BSL-2	N	-
Red kitchen flooring	MC-57, 58	BSL-2	N	-
Red duct caulk	MC-59, 60	BSL-2	N	-
12x12 Gray floor tile + mastic	MC-61, 62	BSL-2	N	-
18"x36" Ceiling tile	MC-63, 64	BSL-5	N	-
12x12 Tan floor tile + mastic	**MC-65, 66**	**BSL-5**	**Y**	**Non-friable**
Mastic on vinyl cove base	MC-67, 68	BSL-5	N	-
Floor leveler + carpet mastic	MC-69, 70	BSL-5	N	-
Brown battleship linoleum	MC-71, 72	BSL-1	N	-
Mirror mastic	**MC-73, 74**	**BSL-5**	**Y**	**Non-friable**
Canvas duct insulation	MC-75, 76, 77	BSL-2	N	-
Canvas duct insulation	MC-78, 79, 80	BSL-5	N	-
Cork/tar insulation	MC-81, 82	BSL-2	N	-
Tan 9x9 floor tile + mastic	**MC-83, 84**	**BSL-1**	**Y**	**Non-friable**
Mastic on vinyl cove	MC-85, 86	BSL-4	N	-
Vapor barrier under terrazzo flooring	**MC-87, 88**	**BSL-3**	**Y**	**Non-friable**
Terrazzo flooring	MC-89, 90	BSL-3	N	-
Drywall / compound	MC-91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105 MM-274, 275, 276, 277	BSL-2,3,4,5	N	-
Duct Insulation	**MC-106, 107, 108**	**BSL-1,2**	**Y**	**Friable**
Beige 12x12 Floor tile + mastic	MC-109, 110	BSL-4	N	-
Caulk/sealant at walk-in cooler	**MC-111, 112**	**BSL-2**	**Y**	**Non-friable**
Gray 12x12 floor tile + mastic	MC-113, 114	BSL-2	N	-
Tar/foil wrapped fiberglass pipe insulation	MC-115, 116, 117	BSL-2,3,5	N	-
Window caulk (interior)	**MC-118, 119**	**BSL-4**	**Y**	**Non-friable**

Homogeneous Material	Sample #'s	Reference Figure	ACM	Friability
Vermiculite plaster on beams	MC-120, 121, 122	BSL-4,8	N	-
Black mirror mastic	**MC-123, 124**	**BSL-3**	**Y**	**Non-friable**
Tan wall mastic/caulk	MC-125, 126	BSL-3	N	-
Ceiling plaster	MC-127, 128, 129	BSL-3	N	-
Vermiculite plaster on structural columns	MC-130, 131, 132	BSL-3	N	-
Original plaster	MC-133 – 139	BSL-3,4,5,6,7,8	N	-
Plaster	MC-140 – 146	BSL-2,3,4,5,6,7,8	N	-
Plaster at columns	MC-147, 148, 149	BSL-6	N	-
Duct insulation blocks	**MC-150**	**BSL-2**	**Y**	**Friable**
Int/ext overhang plaster	MC-151, 152, 153	BSL-3	N	-
Int/ext overhang plaster	MC-154, 155, 156	BSL-3	N	-
Int/ext overhang plaster	MC-157, 158, 159	BSL-3	N	-
Green linoleum*	MC-160FL, 161FL	BSL-4	N	-
Paper insulated metal ceiling tiles*	MC-162CT, 163CT	BSL-2,4	N	-
Roof field (Bldg/Roof A)	MC-160, 161	BSL-9	N	-
Flashing (Bldg/Roof A)	**MC-162, 163**	**BSL-9**	**Y**	**Non-friable**
Roof field (Bldg/Roof B)	MC-164, 165	BSL-9	N	-
Flashing (Bldg/Roof B)	**MC-166, 167**	**BSL-9**	**Y**	**Non-friable**
Roof field (Bldg/Roof C)	MC-168, 169	BSL-9	N	-
Flashing (Bldg/Roof C)	**MC-170, 171**	**BSL-9**	**Y**	**Non-friable**
Coping tar	**MC-172**	**BSL-9**	**Y**	**Non-friable**
Spray-on fireproofing	**MC-173, 174**	**BSL-9**	**Y**	**Friable**
Caulk b/w exterior blue marble panels	ME-05, 06	BSL-3	N	-
Ext. caulk – marble to sidewalk	ME-09	BSL-3	N	-
Skywalk plaster	SW-7,8,9	BSL-10	N	-
Skywalk stucco	SW-10,11,12	BSL-10	N	-
Skywalk exterior panel caulk	SW-13	BSL-10	N	-
Skywalk roofing	SW-14,15	BSL-10	N	-
Boiler door rope gasket	M-G01A, B	BSL-1	N	-
Exterior louver caulk	MC-EC01A, B	BSL-6	N	-
Exterior window caulk	MC-EC02A, B	BSL-7	N	-

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.

Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
Sub Basement	Pipe Insulation	1,800 LF	Poor
	Pipe Insulation debris	100 SF	Poor
	Fittings on fiberglass pipe insulation	380 each	Poor
	Duct insulation	850 SF	Poor
	Floor tile/mastic	200 SF	Poor
	Expansion gaskets/vibration cloth	12 each	Poor
	Ceiling systems	300 SF	Poor
	Fire doors	6 doors	Fair
	Floor tiles (surplus)	1 box	Fair
	Transite electrical panel boxes	9 each	Fair
	Spray on fireproofing	3,000 SF	Fair
Basement	Pipe Insulation	1,300 LF	Poor
	Fittings on fiberglass pipe insulation	290 fittings	Poor
	Spray-on fireproofing	35,500 SF	Poor
	Ceiling systems	16,500 SF	Poor
	Duct insulation blocks	1,500 SF	Poor
	Terrazzo tar paper	16,500 SF	Fair
	Transite ceiling panels	700 SF	Poor
	Mirror mastic	300 SF	Fair
	Fire doors	6 doors	Fair
	Floor tiles/mastic	17,000 SF	Fair
	Duct insulation	200 SF	Poor
	Transite boards	20 SF	Fair
	Vibration cloth	8 each	Fair
	Caulk at walk-in Coolers	<20 SF	Poor

Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
1st Floor	Spray-on fireproofing	105,140 SF	Poor
	Ceiling systems	47,350 SF	Fair
	Pipe Insulation	400 LF	Poor
	Terrazzo tar paper	66,000 SF	Fair
	Transite boards	1,100 SF	Fair
	Mirror mastic	3,800 SF	Fair
	Vibration cloth	6 each	Fair
	Fire doors	10 doors	Fair
	Roof flashing	800 LF	Fair
2nd Floor	Spray-on fireproofing	61,800 SF	Fair
	Ceiling systems	41,100 SF	Fair
	Pipe Insulation	600 LF	Fair
	Floor tile/mastic	4,500 SF	Fair
	Windows	12 each	Fair
	Mirror mastic	3,680 SF	Fair
	Vibration cloth	6 each	Fair
	Fire doors	6 doors	Fair
3rd Floor	Spray-on fireproofing	61,800 SF	Fair
	Ceiling systems	44,600 SF	Fair
	Pipe Insulation	340 LF	Fair
	Floor tile/mastic	18,000 SF	Fair
	Transite boards	1,000 SF	Fair
	Windows	12 each	Fair
	Mirror mastic	2,400 SF	Fair
	Vibration cloth	4 each	Fair
	Fire doors	4 doors	Fair
4th Floor	Spray-on fireproofing	31,060 SF	Fair
	Ceiling systems	29,300 SF	Fair
	Pipe Insulation	750 LF	Fair
	Windows	4 each	Fair
	Mirror mastic	650 SF	Fair
	Vibration cloth	4 each	Fair
	Fire doors	4 each	Fair

Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
5th Floor	Spray-on fireproofing	59,600 SF	Fair
	Ceiling systems	41,800 SF	Fair
	Pipe Insulation	900 LF	Fair
	Mirror mastic	600 SF	Fair
	Vibration cloth	4 each	Fair
	Fire doors	4 doors	Fair
6th Floor	Spray-on fireproofing	59,600 SF	Fair
	Ceiling systems	41,800 SF	Fair
	Pipe Insulation	900 LF	Fair
	Windows	8 each	Fair
	Mirror mastic	600 SF	Fair
	Vibration cloth	4 each	Fair
	Fire doors	4 doors	Fair
	Mastic from 1x1 ceiling tiles	4,500 SF	Fair
Roof areas	Transite cooling tower	20'x20'x15'	Fair
	Roof flashing	4,450 LF	Fair
	Coping tar	500 SF	Fair
	Transite pipe	40 LF	Fair
	Spare Transite panels for cooling tower	100 SF	Fair
	Roof vents	3 vents	Fair
	Elevator components	7 each	Fair

NOTES:

1. Varying sizes of structural steel members and overspray were taken into consideration when quantifying the spray-on fireproofing. All materials above, and including suspended and fixed ceiling systems where there is fireproofing or asbestos pipe insulation above are to be considered contaminated by asbestos containing debris.

2. Fixed plaster ceilings in Section 1 of this building have ACM pipe insulation above and debris is noted in all areas. This plaster ceiling system is to be considered contaminated. See IMG(s) 1618,1624,1581,1620. The plaster ceiling and all suspect ACM found above the ceiling (including pipe insulation) shall be abated as part of the ceiling system.

3. "Encapsulated" fireproofing, primarily found in Section 2, still shows ACM through gaps and holes throughout. All ceiling systems installed below this material should be considered contaminated. See IMG(s) 1611, 1595.

4. Duct insulation blocks (IMG 1655) in the kitchen/bakery area of the basement of this building continue into the loading dock area of the tunnel. The quantity of this material listed above includes the material that extends into the loading dock area of the tunnel.

5. 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.

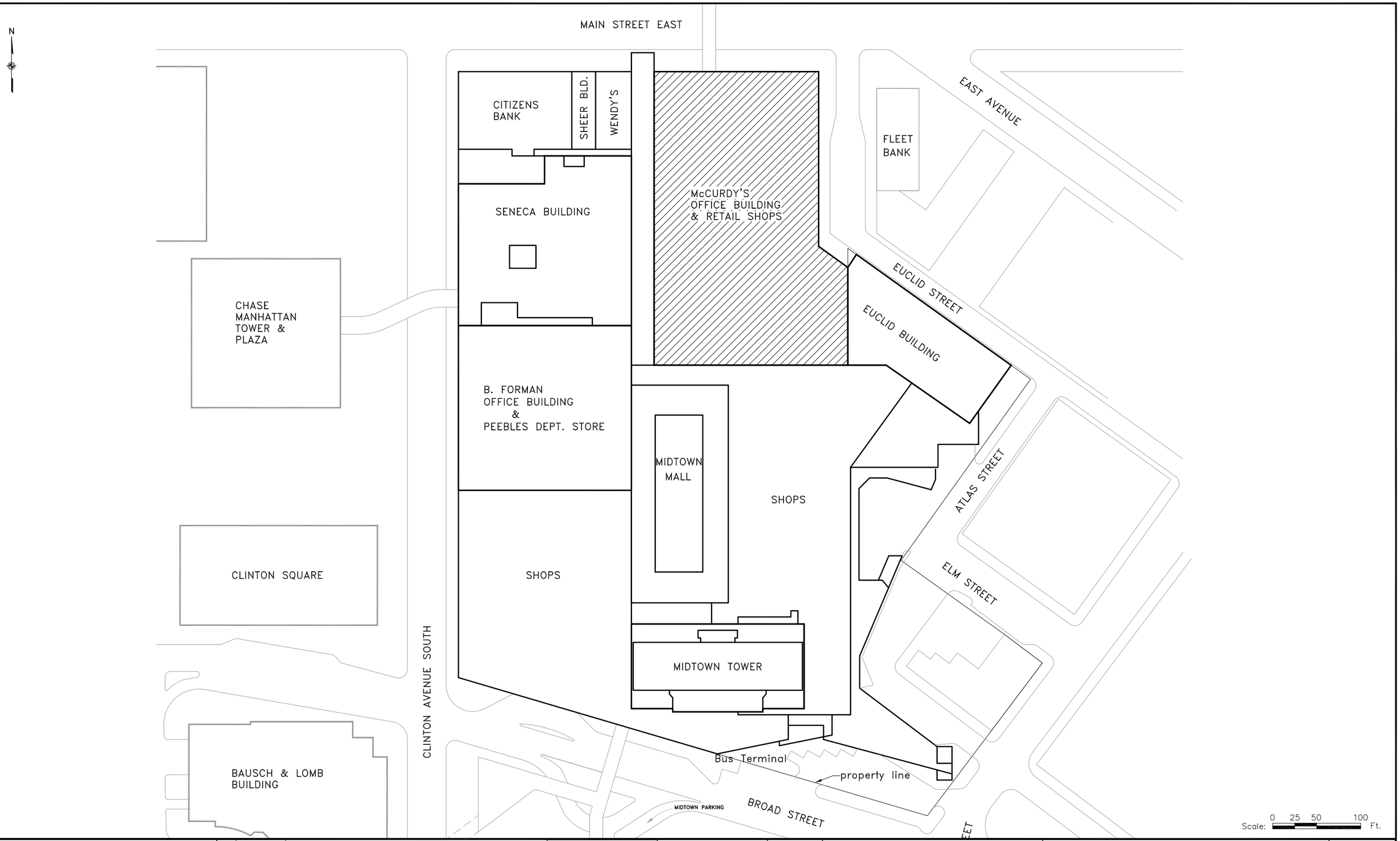
6. Energized wire was not sampled for the presence of asbestos in this building. This material should be treated as asbestos containing until proven otherwise through bulk sampling.

7. Caulking and glazing on original windows (sampled on the interior) in Section 3 was found to contain asbestos. In certain areas these windows have been covered by renovations to the exterior over the years. All original window units in Section 3 should be removed as asbestos containing.

8. 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.

9. 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.

10. Roof vents have been installed with ACM flashing material and rope gaskets. Roof vents and their associated caulk and flashing should be removed as ACM.



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:	McCURDY'S BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK
LIRO JOB NO.:	08-21-104
SHEET OF	1 1
DRAWING TITLE:	McCURDY'S BUILDING SITE PLAN
FIGURE NO.	1

APPENDIX A:

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

1408021163

* LIRO Project 08-21-104
JMD Services Project Number

MAY 08
Survey Date

24 HR 48 HR 3DAY
6 day

McCURDY'S
Type of Survey and Address — Owner / Agent

Number of Samples

all done
Results Due By

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
MC -01	Gray 9X9 F.T. + MASTIC	Section 3 / 6±			
02	" "	/ 5±			
03	Red Linoleum Flooring	Section / / 6±			
04	" "	Section 1-6±			
05	12X12 Pink F.T. + MASTIC	Section 1-4±			
06	" "	Section 4-4±			
07	Window Sill MASTIC Int.	Section 2 6±			
08	" "	Section 3 6±			
09	Ceiling Tile Mastic 1X1 Brown	Section 3 6±			
10	" "	Sect 3. 6±			
11	Floor Leveler + Carpet Mastic	Sect 1 4±			
12	" "	Sect 1 4±			
13	Mastic under Computer Floor Posts	Sect 1 4±			
14	" "	Sect 1 4±			
15	Original Window Glaze	Sect. 3 4±			
MC- 16	" "	Sect 3 4±			

Comments / Special Instructions / Notes: Pos Stop per grid

X Analyze PLM then TEM if negative AND NOB

email results to – **rbarr27@yahoo.com**

Sampled / Relinquished By	Date and Time	Received By:
		5/12/08 D.O. 9:30AM

JMD SERVICES 1815 Love Road, Grand Island, NY 14072 (716) 773-3400 phone (716) 773-3456 fax

140802

LiRo PROJECT 08-21-104
JMD Services Project Number

MOTOWN – MCCURDY'S
Type of Survey and Address

Owner / Agent

MAY 08
Survey Date

24 HR ~~48 HR~~ 3 6 Day

Number of Samples

Results Du

Field Sample #	Material Description	Location	Amount	Cn
MC- 17	MASTIC ON VINYL COVE BASE	Sect 2 6th		
18	" "	Sect 4 6th		
19	Paper Tabs on Ceiling INNER Floor	6th		
20	" "	6th		
21	Vermiculite Plaster on Structural Steel	6th Sect 1		
22	" "	6th Sect 1		
23	" " "	6th Sect 1		
24	Duct Insulation Canvas Wrap	Sect 3 4th		
25	" "	" "		
26	" "	" "		
27	TAR/FOIL Wrapped F.6.P.I	Sect 3 6th		
28	" "	Sect 1 6th		
29	" "	Sect 3 5th		
30	Drywall Compound	Sect 3 6th		
31	" "	Sect 3 6th		
MC- 32	" "	Sect 3 5th		

Comments / Special Instructions / Notes: Pos Stop per group

(X) Analyze PLM then TEM if negative AND NOB

email results to – rbarr27(

Sampled / Relinquished By	Date and Time	Received By:
		5/12/08 D.O. 9:30Am

14080216

LiRo Project 08-21-104
JMD Services Project Number

Midtown – McCurdy's
Type of Survey and Address

Owner / Agent

May 08
Survey Date

24 HR 48 HR (6 D)

Number of Samples

Results D

Field Sample #	Material Description	Location	Amount	Cr
MC - 33	Drywall Compound	Sect 2 6		
34	" "	Sect 2 5		
35	" "	Sect 2 4		
36	Drywall Compound	Sect ~~4~~ 6th		
37	" "	Sect ~~4~~ 5th		
38	" "	Sect ~~4~~ 4th		
39	Drywall Compound	Sect 1 6th		
40	" "	Sect 1 5th		
41	" "	Sect 1 4th		
42	White Duct Seam Tape	Section 1 6th		
43	" "	Section 1 6th		
44	Fireproofing @ Escalator (New)	Section 3 5th		
45	" "	Sect 3 5th		
46	" "	Sect 3 5th		
47	TAR/WATERPROOF MEMBRANE Floor	Sect 3 6th		
48	" "	Sect 3 6th		

Comments / Special Instructions / Notes:

Pos. stop per group

(✓) Analyze PLM then TEM if negative AND NOB

email results to – rbarr27(

Sampled / Relinquished By	Date and Time	Received By:
[signature]		[signature] 5/12/08 DO 9:30am

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: 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 McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/12/08 9:30 AM
EMSL Order: 140802163

EMSL Proj: Midtown
Analysis Date: 5/13/2008
Report Date: 5/19/2008

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
MC-01 *140802163-0026*	gray 9x9 FT	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-01 *140802163-0027*	mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-02 *140802163-0028*	gray 9x9 FT	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-02 *140802163-0029*	mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-03 *140802163-0030*	red linoleum flooring	Red	100.0	None	Inconclusive: No Asbestos Detected
MC-04 *140802163-0031*	red linoleum flooring	Red	100.0	None	Inconclusive: No Asbestos Detected
MC-05 *140802163-0032*	12x12 pink FT	Pink	100.0	None	Inconclusive: No Asbestos Detected
MC-05 *140802163-0033*	mastic	Cream	100.0	None	Inconclusive: No Asbestos Detected
MC-06 *140802163-0034*	12x12 pink FT	Pink	100.0	None	Inconclusive: No Asbestos Detected
MC-06 *140802163-0035*	mastic	Cream	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Andrew Maciejewski (5)
Rachel Giese (22)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: 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 McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/12/08 9:30 AM
EMSL Order: 140802163

EMSL Proj: Midtown
Analysis Date: 5/13/2008
Report Date: 5/19/2008

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
MC-07 *140802163-0036*	window sill mastic int	Brown	100.0	None	Inconclusive: No Asbestos Detected
MC-08 *140802163-0037*	window sill mastic int	Brown	100.0	None	Inconclusive: No Asbestos Detected
MC-09 *140802163-0038*	ceiling tile mastic 1x1 brown	Brown	96.9	None	3.1 Chrysotile 3.1 **Total All Types**
MC-10 *140802163-0039*	ceiling tile mastic 1x1 brown	Brown			
Not Analyzed Positive stop					
MC-11 *140802163-0040*	floor leveler & carpet mastic	Tan/Yellow	100.0	None	Inconclusive: No Asbestos Detected
MC-12 *140802163-0041*	floor leveler & carpet mastic	Tan/Yellow	100.0	None	Inconclusive: No Asbestos Detected
MC-13 *140802163-0042*	mastic under computer floor posts	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-14 *140802163-0043*	mastic under computer floor posts	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-15 *140802163-0044*	original window glaze	Brown	99.5	None	Inconclusive : <1 Chrysotile <1 **Total All Types**

Analyst(s)

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Rachel Giese (22)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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.

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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
MC-16 *140802163-0045*	original window glaze	Brown	98.8	None	1.2 Chrysotile 1.2 **Total All Types**
MC-17 *140802163-0046*	mastic on vinyl covebase	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-18 *140802163-0047*	mastic on vinyl covebase	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-27 *140802163-0048*	tar/foil wrapped F.G.P.I.	Various	100.0	None	Inconclusive: No Asbestos Detected
MC-28 *140802163-0049*	tar/foil wrapped F.G.P.I.	Various	100.0	None	Inconclusive: No Asbestos Detected
MC-29 *140802163-0050*	tar/foil wrapped F.G.P.I.	Various	100.0	None	Inconclusive: No Asbestos Detected
MC-47 *140802163-0051*	tar/waterproofing membrane floor	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-48 *140802163-0052*	tar/waterproofing membrane floor	Black	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Andrew Maciejewski (5)
Rachel Giese (22)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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

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Customer ID: LIRO50
Customer PO:
Received: 05/12/08 9:30 AM
EMSL Order: 140802163

EMSL Proj: Midtown
Analysis Date: 5/17/2008
Report Date: 5/19/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-19 *140802163-0001*	6th	Brown Fibrous Homogeneous	90.00% Cellulose	10.00% Non-fibrous (other)	**None Detected**
MC-20 *140802163-0002*	6th	Brown Fibrous Homogeneous	90.00% Cellulose	10.00% Non-fibrous (other)	**None Detected**
MC-21 *140802163-0003*	6th sect 1	Brown Fibrous Homogeneous	5.00% Cellulose	95.00% Non-fibrous (other)	**None Detected**
MC-22 *140802163-0004*	6th sect 1	Brown Fibrous Homogeneous	5.00% Cellulose	95.00% Non-fibrous (other)	**None Detected**
MC-23 *140802163-0005*	6th sect 1	Brown Fibrous Homogeneous	7.00% Cellulose	93.00% Non-fibrous (other)	**None Detected**
MC-24 *140802163-0006*	sect 3 4th	Gray Fibrous Homogeneous	45.00% Cellulose 45.00% Glass	10.00% Non-fibrous (other)	**None Detected**
MC-25 *140802163-0007*	sect 3 4th	Gray Fibrous Homogeneous	40.00% Cellulose 40.00% Glass	20.00% Non-fibrous (other)	**None Detected**
MC-26 *140802163-0008*	sect 3 4th	Gray Fibrous Homogeneous	40.00% Cellulose 40.00% Glass	20.00% Non-fibrous (other)	**None Detected**
MC-30 *140802163-0009*	sect 3 6th				**Not Submitted**
MC-31 *140802163-0010*	sect 3 6th				**Not Submitted**

Analyst(s)

Andrew Maciejewski (25)
Rachel Giese (5)

Rhonda McGee

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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Buffalo, NY 14209

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104 McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/12/08 9:30 AM
EMSL Order: 140802163

EMSL Proj: Midtown
Analysis Date: 5/17/2008
Report Date: 5/19/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-32 *140802163-0011*	sect 3 5th				**Not Submitted**
MC-33 *140802163-0012*	sect 2 6	Gray Fibrous Layer # 1	<1% Glass	100.00% Non-fibrous (other)	**None Detected**
MC-33 *140802163-0012A*	joint compound	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-33 *140802163-0012B*	paper	Brown Fibrous Layer # 3	90.00% Cellulose	10.00% Non-fibrous (other)	**None Detected**
MC-34 *140802163-0013*	sect 2 5	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-35 *140802163-0014*	sect 2 4	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-36 *140802163-0015*	sect 4 6th	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-36 *140802163-0015A*	(tape) paper	Brown/White Fibrous Layer # 2	90.00% Cellulose	10.00% Non-fibrous (other)	**None Detected**
MC-37 *140802163-0016*	sect 4 5th	White Fibrous Layer # 1	20.00% Cellulose	80.00% Non-fibrous (other)	**None Detected**
MC-37 *140802163-0016A*	paper	White Fibrous Layer # 2	90.00% Cellulose	10.00% Non-fibrous (other)	**None Detected**

Analyst(s)

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Rachel Giese (5)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-38 *140802163-0017*	sect 4 4th	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-38 *140802163-0017A*	paper	Brown/White Fibrous Layer # 2	60.00% Cellulose	40.00% Non-fibrous (other)	**None Detected**
MC-39 *140802163-0018*	sect 1 6th	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-40 *140802163-0019*	sect 1 5th	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-41 *140802163-0020*	sect 1 4th	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-42 *140802163-0021*	section 1 6th	White Fibrous Homogeneous	50.00% Cellulose	50.00% Non-fibrous (other)	**None Detected**
MC-43 *140802163-0022*	section 1 6th	White Fibrous Homogeneous	55.00% Cellulose	45.00% Non-fibrous (other)	**None Detected**
MC-44 *140802163-0023*	section 3 5th	Gray Fibrous Homogeneous	10.00% Cellulose 1.00% Glass	89.00% Non-fibrous (other)	**None Detected**
MC-45 *140802163-0024*	section 3 5th	Gray Fibrous Homogeneous	10.00% Cellulose 2.00% Glass	88.00% Non-fibrous (other)	**None Detected**
MC-46 *140802163-0025*	section 3 5th	Gray Fibrous Homogeneous	12.00% Cellulose 1.00% Glass	87.00% Non-fibrous (other)	**None Detected**

Analyst(s)

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Rachel Giese (5)

Rhonda McGee

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Project: **08-21-104 McCurdy's**

Customer ID: LIRO50
Customer PO:
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EMSL Proj: Midtown
Analysis Date: 5/15/2008
Report Date: 5/19/2008

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
MC-01 *140802163-0026*	gray 9x9 FT	Gray	100.0	None	No Asbestos Detected	
MC-01 *140802163-0027*	mastic	Black	100.0	None	No Asbestos Detected	
MC-02 *140802163-0028*	gray 9x9 FT	Gray	100.0	None	No Asbestos Detected	
MC-02 *140802163-0029*	mastic	Black	100.0	None	No Asbestos Detected	
MC-03 *140802163-0030*	red linoleum flooring	Red	100.0	None	No Asbestos Detected	
MC-04 *140802163-0031*	red linoleum flooring	Red	100.0	None	No Asbestos Detected	
MC-05 *140802163-0032*	12x12 pink FT	Pink	100.0	None	No Asbestos Detected	
MC-05 *140802163-0033*	mastic	Cream	100.0	None	No Asbestos Detected	
MC-06 *140802163-0034*	12x12 pink FT	Pink	100.0	None	No Asbestos Detected	
MC-06 *140802163-0035*	mastic	Cream	100.0	None	No Asbestos Detected	

Analyst(s)
Brian Walczak (23)

Rhonda McGee

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
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Customer PO:
Received: 05/12/08 9:30 AM
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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
MC-07 *140802163-0036*	window sill mastic int	Brown	100.0	None		No Asbestos Detected
MC-08 *140802163-0037*	window sill mastic int	Brown	100.0	None		No Asbestos Detected
MC-11 *140802163-0040*	floor leveler & carpet mastic	Tan/Yellow	100.0	None		No Asbestos Detected
MC-12 *140802163-0041*	floor leveler & carpet mastic	Tan/Yellow	100.0	None		No Asbestos Detected
MC-13 *140802163-0042*	mastic under computer floor posts	Black	100.0	None		No Asbestos Detected
MC-14 *140802163-0043*	mastic under computer floor posts	Black	100.0	None		No Asbestos Detected
MC-17 *140802163-0046*	mastic on vinyl covebase	Black	100.0	None		No Asbestos Detected
MC-18 *140802163-0047*	mastic on vinyl covebase	Black	100.0	None		No Asbestos Detected
MC-27 *140802163-0048*	tar/foil wrapped F.G.P.I.	Various	100.0	None		No Asbestos Detected
MC-28 *140802163-0049*	tar/foil wrapped F.G.P.I.	Various	100.0	None		No Asbestos Detected

Analyst(s)
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Rhonda McGee

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Analysis Date: 5/15/2008
Report Date: 5/19/2008

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
MC-29 *140802163-0050*	tar/foil wrapped F.G.P.I.	Various	100.0	None	No Asbestos Detected	
MC-47 *140802163-0051*	tar/waterproofing membrane floor	Black	100.0	None	No Asbestos Detected	
MC-48 *140802163-0052*	tar/waterproofing membrane floor	Black	100.0	None	No Asbestos Detected	

Analyst(s)
Brian Walczak (23)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

THIS IS THE LAST PAGE OF THE REPORT.

1408023305

LiRo Project # 08-21-104
JMD Services Project Number

MUSTOWN – MCCURDY'S
Type of Survey and Address — Owner / Agent

MAY 08
Survey Date

24 HR 48 HR 3DAY (6 Day)
Results Due By

Number of Samples

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
MC- #113	12x12 Gray F.T. + mastic	Sect (1) Basement			
114	" "	"			
115	TAR/FOIL WRAPPED F.G. P.I	Sect 3 Basement			
116	" " "	Sect 4 3rd Fl			
117	" " "	Sect 1 1st Fl			
118	Window Caulk Interior	Sect 3 2nd Fl			
119	" "	" "			
120	Vermiculite plaster on Beams	Sect 1 3rd Fl			
121	"	Sect 1 2nd Fl			
122	"	Sect 1 6th Fl			
123	MIRROR MASTIC Black	Sect (1) 1st Fl			
124	" "	Sect (1) 1st Fl			
125	Tan Wall Mastic/Caulk	Sect (1) 1st Fl			
126	" "	Sect 1 1st Fl			
127	Ceiling Plaster	Sect 3 1st Fl			
MC- 128	"	" "			

Comments / Special Instructions / Notes:

Pos Stop per Samp, Plear.

(X) Analyze PLM then TEM if negative AND NOB

email results to – rbarr27@yahoo.com

Sampled / Relinquished By	Date and Time	Received By:
	15 MAY 08	BMc IDO 5.15.08 6:40 PM

JMD SERVICES 1815 Love Road, Grand Island, NY 14072 (716) 773-3400 phone (716) 773-3456 fax

1408023O5

LiRo Project # 08-21-104
JMD Services Project Number

MIDTOWN - McCURDY'S
Type of Survey and Address

Owner / Agent

MAY 08
Survey Date

24 HR 48 HR 3DAY
6 Day

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
MC - 129	Ceiling Plaster	Sect 3 1st Fl			
130	Vermiculite Plaster on Struct. Column	Sect 3 1st Fl			
131	↓	Sect 3 1st Fl			
132	↓	Sect (1) above			
133	BRICK PLASTER Sect 3	Sect 3 2nd Fl			
134		Sect 3 2nd Fl			
135		Sect 3 6th Fl			
136		Sect 3 5th Fl			
137		Sect 3 4th Fl Column			
138		Sect 3 3rd Fl			
139		Sect 3 1st Fl			
140	Plaster Sect. 1	6th			
141		5th			
142		4th			
143		3rd			
MC - 144	↓	3rd			

Comments / Special Instructions / Notes:

(X) Analyze PLM then TEM if negative AND NOB

email results to – rbarr27@yahoo.com

Sampled / Relinquished By	Date and Time	Received By:
	15 MAY 08	BM JD 5.15.08 6:40 PM

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

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802305

EMSL Proj: Midtown
Analysis Date: 5/19/2008
Report Date: 5/22/2008

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
MC-113 *140802305-0022*	12x12 gray ft	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-113 *140802305-0022A*	12x12 gray ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-114 *140802305-0023*	12x12 gray ft	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-114 *140802305-0023A*	12x12 gray ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-115 *140802305-0024*	tar/foil wrapped FGPI	Various	100.0	None	Inconclusive: No Asbestos Detected
MC-116 *140802305-0025*	tar/foil wrapped FGPI	Various	100.0	None	Inconclusive: No Asbestos Detected
MC-117 *140802305-0026*	tar/foil wrapped FGPI	Various	100.0	None	Inconclusive: No Asbestos Detected
MC-118 *140802305-0027*	window caulk interior	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-119 *140802305-0028*	window caulk interior	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-123 *140802305-0029*	mirror mastic black	Black	78.1	None	21.9 Chrysotile 21.9 **Total All Types**

Analyst(s)

Brian Walczak (10)
Tom Hanes (3)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: 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 - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802305

EMSL Proj: Midtown
Analysis Date: 5/19/2008
Report Date: 5/22/2008

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
MC-124 *140802305-0030* Not Analyzed Positive stop	mirror mastic black	Black			
MC-125 *140802305-0031*	tan wall mastic/caulk	Yellow/White	100.0	None	Inconclusive: No Asbestos Detected
MC-126 *140802305-0032*	tan wall mastic/caulk	Yellow/White	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Brian Walczak (10)
Tom Hanes (3)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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

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Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802305

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-120 *140802305-0001*	sect 1 3rd fl	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-121 *140802305-0002*	sect 1 2nd fl	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-122 *140802305-0003*	sect 1 6th fl	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-127 *140802305-0004*	sect 3 1st fl	Brown Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-127 *140802305-0004A*	white	White Fibrous Layer # 2	5.00% Cellulose	95.00% Non-fibrous (other)	**None Detected**
MC-128 *140802305-0005*	sect 3 1st fl	Brown Fibrous Layer # 1	10.00% Cellulose	90.00% Non-fibrous (other)	**None Detected**
MC-128 *140802305-0005A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-129 *140802305-0006*	sect 3 1st fl	Brown Fibrous Layer # 1	10.00% Cellulose	90.00% Non-fibrous (other)	**None Detected**
MC-129 *140802305-0006A*	sect 3 1st fl	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-130 *140802305-0007*	sect 3 1st fl	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)

Andrew Maciejewski (28)
Rachel Giese (6)

Rhonda McGee

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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Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802305

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

			Non-Asbestos		Asbestos
Sample	Location	Appearance	% Fibrous	% Non-Fibrous	% Type
MC-131 *140802305-0008*	sect 3 1st fl	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-132 *140802305-0009*	sect 1 above	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-133 *140802305-0010*	sect 3 2nd fl	Gray/White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-134 *140802305-0011*	sect 3 2nd fl	Brown/White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-135 *140802305-0012*	sect 3 6th fl	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-135 *140802305-0012A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-136 *140802305-0013*	sect 3 5th fl	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-136 *140802305-0013A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-137 *140802305-0014*	sect 3 4th fl C column	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-137 *140802305-0014A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)
Andrew Maciejewski (28)
Rachel Giese (6)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

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Buffalo, NY 14209

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Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802305

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-138 *140802305-0015*	sect 3 3rd fl	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-138 *140802305-0015A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-139 *140802305-0016*	sect 3 1st fl	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-139 *140802305-0016A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-140 *140802305-0017*	6th	Gray Fibrous Layer # 1	5.00% Cellulose	95.00% Non-fibrous (other)	**None Detected**
MC-140 *140802305-0017A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-141 *140802305-0018*	5th	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-141 *140802305-0018A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-142 *140802305-0019*	4th	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-142 *140802305-0019A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)

Andrew Maciejewski (28)
Rachel Giese (6)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

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Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802305

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-143 *140802305-0020*	3rd	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-143 *140802305-0020A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-144 *140802305-0021*	3rd	Brown Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-144 *140802305-0021A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)

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Rachel Giese (6)

Rhonda McGee

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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Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802305

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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
MC-113 *140802305-0022*	12x12 gray ft	Gray	100.0	None	No Asbestos Detected	
MC-113 *140802305-0022A*	12x12 gray ft mastic	Black	100.0	None	No Asbestos Detected	
MC-114 *140802305-0023*	12x12 gray ft	Gray	100.0	None	No Asbestos Detected	
MC-114 *140802305-0023A*	12x12 gray ft mastic	Black	100.0	None	No Asbestos Detected	
MC-115 *140802305-0024*	tar/foil wrapped FGPI	Various	100.0	None	No Asbestos Detected	
MC-116 *140802305-0025*	tar/foil wrapped FGPI	Various	100.0	None	No Asbestos Detected	
MC-117 *140802305-0026*	tar/foil wrapped FGPI	Various	100.0	None	No Asbestos Detected	
MC-118 *140802305-0027*	window caulk interior	Gray	78.1	None	21.9 Chrysotile	21.9
MC-119 *140802305-0028*	window caulk interior	Gray				

Not Analyzed
Positive stop

Analyst(s)
Rhonda McGee (11)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

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Liro Group
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Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802305

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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
MC-125 *140802305-0031*	tan wall mastic/caulk	Yellow/White	100.0	None	No Asbestos Detected	
MC-126 *140802305-0032*	tan wall mastic/caulk	Yellow/White	100.0	None	No Asbestos Detected	

Analyst(s)
Rhonda McGee (11)

Rhonda McGee, Laboratory Manager
or other approved signatory

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1408 02306

LiRo Project # 08-21-104
JMD Services Project Number

MIDTOWN - McCURDY'S
Type of Survey and Address

Owner / Agent

MAY 08
Survey Date

24 HR 48 HR 3DAY
6 DAY
Results Due By

Number of Samples

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
MC- 145	Plaster Sect 1	1st Fl			
146	↓	Bakery / Basement			
147	Plaster @ Columns	Sect 3 4th			
148	↓	↓			
149	↓	↓			
MC- 150	Duct Insulation Blocks	Sect 1 Basement/Bakery			
151	Int/Ext. overhang Plaster (Rough) w/ Drywall	Sect 3 1st Fl.			
152	↓	↓			
153	↓	↓			
154	Int/Ext overhang Plaster Rough	Sect 3			
155	↓	↓			
156	↓	↓			
157	Int/Ext overhang Plaster	Sect 4 @ Euclid			
158	↓	↓			
MC- 159	↓	↓			

Comments / Special Instructions / Notes:

Pos Stop for group.

X Analyze PLM then TEM if negative AND NOB

email results to – **rbarr27@yahoo.com**

Sampled / Relinquished By	Date and Time	Received By:
	15 MAY	5.15.08 DO 6:40 PM

JMD SERVICES 1815 Love Road, Grand Island, NY 14072 (716) 773-3400 phone (716) 773-3456 fax

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490 Rowley Road, Depew, NY 14043
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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 - McCurdry's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802306

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-145 *140802306-0001*	1st fl	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-145 *140802306-0001A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-146 *140802306-0002*	bakery/basement	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-146 *140802306-0002A*	white	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-147 *140802306-0003*	sect 3 4th	White/Gray Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-148 *140802306-0004*	sect 3 4th	White/Gray Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-149 *140802306-0005*	sect 3 4th	White/Gray Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-150 *140802306-0006*	sect 1 basement/bakery	Gray Fibrous Homogeneous		89.00% Non-fibrous (other)	**11.00% Amosite**
MC-151 *140802306-0007*	sect 3 1st fl	Gray Fibrous Layer # 1	10.00% Cellulose	90.00% Non-fibrous (other)	**None Detected**
MC-151 *140802306-0007A*	plaster	Gray Fibrous Layer # 2	1.00% Cellulose	99.00% Non-fibrous (other)	**None Detected**

Analyst(s)

Andrew Maciejewski (19)
Rachel Giese (4)

Rhonda McGee

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or other approved signatory

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Fax: (716) 882-9640 Phone: (716) 882-5476
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Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802306

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

			Non-Asbestos		Asbestos
Sample	Location	Appearance	% Fibrous	% Non-Fibrous	% Type
MC-151 *140802306-0007B*	paper	White/Gray Fibrous Layer # 3	50.00% Cellulose	50.00% Non-fibrous (other)	**None Detected**
MC-152 *140802306-0008*	sect 3 1st fl	White Fibrous Layer # 1	5.00% Cellulose	95.00% Non-fibrous (other)	**None Detected**
MC-152 *140802306-0008A*	plaster	Gray Non-Fibrous Layer # 2	5.00% Cellulose	95.00% Non-fibrous (other)	**None Detected**
MC-152 *140802306-0008B*	paper	Brown/White Fibrous Layer # 3	50.00% Cellulose	50.00% Non-fibrous (other)	**None Detected**
MC-153 *140802306-0009*	sect 3 1st fl	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	**None Detected**
MC-153 *140802306-0009A*	plaster	Brown Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	**None Detected**
MC-153 *140802306-0009B*	paper	Brown Fibrous Layer # 3	50.00% Cellulose	50.00% Non-fibrous (other)	**None Detected**
MC-154 *140802306-0010*	sect 3	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-155 *140802306-0011*	sect 3	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-156 *140802306-0012*	sect 3	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)

Andrew Maciejewski (19)
Rachel Giese (4)

Rhonda McGee, Laboratory Manager
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Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-157 *140802306-0013*	sect 4 @ exit	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-158 *140802306-0014*	sect 4 @ exit	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-159 *140802306-0015*	sect 4 @ exit	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)

Andrew Maciejewski (19)
Rachel Giese (4)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

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1408023O7

LiRo Project # 08-21-104
JMD Services Project Number

MIDTOWN - McCURDY'S
Type of Survey and Address

Owner / Agent

MAY 08
Survey Date

24 HR 48 HR ~~3DAY~~ 6 Day

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
MC - 49	1X1 Ceiling tile	Section 3 2nd Fl			
50	" "	Section 1 Basement			
51	Gray Duct Sealant / Caulk	Section 1 3rd Fl			
52	" "	" "			
53	Red 12X12 FT + MASTIC	Section 1 2nd Fl			
54	Red 12X12 FT + MASTIC	Section 1 2nd Fl			
55	Exterior Waterproofing on Foundation	Section 3 Basement			
56	" "	" "			
57	Red Kitchen Flooring	Section 1 Basement			
58	" "	" "			
59	Red Duct Caulk	Section 3 Basement			
60	" "	" "			
61	12X12 Gray FT (Aisle tile)	Section ① ② ③			
62	" " "	" "			
63	18" X 36" Ceiling tile	Section 3 3rd			
MC - 64	" "	" "			

Comments / Special Instructions / Notes:

Pos stop per group

X Analyze PLM then TEM if negative AND NOB

email results to – rbarr27@yahoo.com

Sampled / Relinquished By	Date and Time		Received By:
[signature]	15 May	[signature] DO	5.15.08 6:40 PM

JMD SERVICES 1815 Love Road, Grand Island, NY 14072 (716) 773-3400 phone (716) 773-3456 fax

1408023307

LiRo Project # 08-21-104
JMD Services Project Number

MIDTOWN - MCCURDY'S
Type of Survey and Address

Owner / Agent

MAY '08
Survey Date

24 HR 48 HR 3DAY
6 DAY
Results Due By

Number of Samples

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
MC- 65	12x12 TAN FT + MASTIC	Section (1) 3rd eSclen			
66	" "	" "			
67	MASTIC ON VINYL CAVE MOULDING	Section (3) 3rd FL			
68	" "	" "			
69	FLOOR LEVERAGE + CARPET MASTIC	Sect (3) 3rd FL			
70	" "	(2)			
71	Brown Battleship Linoleum	Sub Basement Sect (1)			
72	" "	"			
73	MASTIC ON MIRRORS	Sect 4 3rd			
74	" "	" "			
75	Canvas Duct Insulation	Sect 3 Basement			
76	" "	" "			
77	" "	" "			
78	Canvas Duct Insulation	Section (1) 3rd FL			
79	" "	" "			
MC - 80	" "	Section (4) 3rd FL			

Comments / Special Instructions / Notes: Pos. stop per group

X Analyze PLM then TEM if negative AND NOB

email results to – rbarr27@yahoo.com

Sampled / Relinquished By	Date and Time	Received By:
[signature]	15 MAY	BK DO 5.15.08 6:40 PM

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

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:50 PM
EMSL Order: 140802307

EMSL Proj: Midtown
Analysis Date: 5/19/2008
Report Date: 5/22/2008

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
MC-51 *140802307-0013*	gray duct sealant/caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-52 *140802307-0014*	gray duct sealant/caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-53 *140802307-0015*	red 12x12 ft	Red	97.2	None	2.8 Chrysotile 2.8 **Total All Types**
MC-53 *140802307-0016*	red 12x12 ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-54 *140802307-0017*	red 12x12 ft	Red			
Not Analyzed Positive stop					
MC-54 *140802307-0018*	red 12x12 mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-55 *140802307-0019*	exterior waterproofing in foundation	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-56 *140802307-0020*	exterior waterproofing in foundation	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-59 *140802307-0021*	red duct caulk	Brown	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)
Brian Walczak (15)
Tom Hanes (9)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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

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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 - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:50 PM
EMSL Order: 140802307

EMSL Proj: Midtown
Analysis Date: 5/19/2008
Report Date: 5/22/2008

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
MC-60 *140802307-0022*	red duct caulk	Brown	100.0	None	Inconclusive: No Asbestos Detected
MC-61 *140802307-0023*	12x12 gray ft (aisle tile)	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-62 *140802307-0024*	12x12 gray ft (aisle tile)	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-65 *140802307-0025*	12x12 tan ft	Various	100.0	None	Inconclusive: No Asbestos Detected
MC-65 *140802307-0026*	12x12 tan ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-66 *140802307-0027*	12x12 tan ft	Various	100.0	None	Inconclusive: No Asbestos Detected
MC-66 *140802307-0028*	12x12 tan ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-67 *140802307-0029*	mastic on vinyl cove molding	Brown	100.0	None	Inconclusive: No Asbestos Detected
MC-68 *140802307-0030*	mastic on vinyl cove molding	Brown	100.0	None	Inconclusive: No Asbestos Detected
MC-69 *140802307-0031*	floor leveler & carpet mastic	Various	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)
Brian Walczak (15)
Tom Hanes (9)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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.

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Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:50 PM
EMSL Order: 140802307

EMSL Proj: Midtown
Analysis Date: 5/19/2008
Report Date: 5/22/2008

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
MC-70 *140802307-0032*	floor leveler & carpet mastic	Yellow/White	100.0	None	Inconclusive: No Asbestos Detected
MC-71 *140802307-0033*	brown battleship linoleum	Brown	99.2	None	Inconclusive : <1 Chrysotile <1 **Total All Types**
MC-72 *140802307-0034*	brown battleship linoleum	Brown	99.8	None	Inconclusive : <1 Chrysotile <1 **Total All Types**
MC-73 *140802307-0035*	mastic on mirrors	Black	93.9	None	6.1 Chrysotile 6.1 **Total All Types**
MC-74 *140802307-0036*	mastic on mirrors	Black			

Not Analyzed
Positive stop

Analyst(s)
Brian Walczak (15)
Tom Hanes (9)

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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.

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NYS198-2

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Liro Group
690 Delaware Avenue
Buffalo, NY 14209

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Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:50 PM
EMSL Order: 140802307

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-49 *140802307-0001*	section 3 2nd fl	Gray Fibrous Homogeneous	50.00% Glass	50.00% Non-fibrous (other)	**None Detected**
MC-50 *140802307-0002*	section 1 basement	Gray Fibrous Homogeneous	70.00% Glass	30.00% Non-fibrous (other)	**None Detected**
MC-57 *140802307-0003*	section 1 basement	Red Fibrous Homogeneous	30.00% Cellulose	69.25% Non-fibrous (other)	**0.75% Chrysotile**
MC-58 *140802307-0004*	section 1 basement	Red Fibrous Homogeneous	25.00% Cellulose	74.25% Non-fibrous (other)	**0.75% Chrysotile**
MC-63 *140802307-0005*	section 3 3rd	Brown Fibrous Homogeneous	80.00% Cellulose	20.00% Non-fibrous (other)	**None Detected**
MC-64 *140802307-0006*	section 3 3rd	Brown Fibrous Homogeneous	95.00% Cellulose	5.00% Non-fibrous (other)	**None Detected**
MC-75 *140802307-0007*	sect 3 basement	Tan Fibrous Homogeneous	95.00% Cellulose	5.00% Non-fibrous (other)	**None Detected**
MC-76 *140802307-0008*	sect 3 basement	Tan Fibrous Homogeneous	95.00% Cellulose	5.00% Non-fibrous (other)	**None Detected**
MC-77 *140802307-0009*	sect 3 basement	Yellow Fibrous Homogeneous	95.00% Cellulose	5.00% Non-fibrous (other)	**None Detected**
MC-78 *140802307-0010*	section 1 3rd fl	Yellow Fibrous Homogeneous	30.00% Cellulose 45.00% Glass	25.00% Non-fibrous (other)	**None Detected**

Analyst(s)

Andrew Maciejewski (8)
Rachel Giese (4)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

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Buffalo, NY 14209

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Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:50 PM
EMSL Order: 140802307

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
MC-79 *140802307-0011*	section 1 3rd fl	Yellow Fibrous Homogeneous	5.00% Cellulose 85.00% Glass	10.00% Non-fibrous (other)	**None Detected**
MC-80 *140802307-0012*	section 4 3rd fl	Yellow Fibrous Homogeneous	70.00% Cellulose 20.00% Glass	10.00% Non-fibrous (other)	**None Detected**

Analyst(s)
Andrew Maciejewski (8)
Rachel Giese (4)

Rhonda McGee

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

PLMPointCount-1

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Attn: **Robert Kreuzer**
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690 Delaware Avenue
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Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:50 PM
EMSL Order: 140802307

EMSL Proj: Midtown
Analysis Date: 5/22/2008
Report Date: 5/22/2008

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
MC-51 *140802307-0013*	gray duct sealant/caulk	Gray	100.0	None	No Asbestos Detected	
MC-52 *140802307-0014*	gray duct sealant/caulk	Gray	100.0	None	No Asbestos Detected	
MC-53 *140802307-0016*	red 12x12 ft mastic	Black	97.7	None	2.3% Chrysotile	2.3
MC-54 *140802307-0018*	red 12x12 mastic	Black				
Not Analyzed Positive stop						
MC-55 *140802307-0019*	exterior waterproofing in foundation	Black	100.0	None	No Asbestos Detected	
MC-56 *140802307-0020*	exterior waterproofing in foundation	Black	100.0	None	No Asbestos Detected	
MC-59 *140802307-0021*	red duct caulk	Brown	100.0	None	No Asbestos Detected	
MC-60 *140802307-0022*	red duct caulk	Brown	100.0	None	No Asbestos Detected	
MC-61 *140802307-0023*	12x12 gray ft (aisle tile)	Gray	100.0	None	No Asbestos Detected	

Analyst(s)
Rhonda McGee (20)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

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Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:50 PM
EMSL Order: 140802307

EMSL Proj: Midtown
Analysis Date: 5/22/2008
Report Date: 5/22/2008

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
MC-62 *140802307-0024*	12x12 gray ft (aisle tile)	Gray	100.0	None	No Asbestos Detected	
MC-65 *140802307-0025*	12x12 tan ft	Various	96.6	None	3.4% Chrysotile	3.4
MC-65 *140802307-0026*	12x12 tan ft mastic	Black	100.0	None	<1% Chrysotile	<1
MC-66 *140802307-0027*	12x12 tan ft	Various				
Not Analyzed Positive stop						
MC-66 *140802307-0028*	12x12 tan ft mastic	Black	99.5	None	<1% Chrysotile	<1
MC-67 *140802307-0029*	mastic on vinyl cove molding	Brown	100.0	None	No Asbestos Detected	
MC-68 *140802307-0030*	mastic on vinyl cove molding	Brown	100.0	None	No Asbestos Detected	
MC-69 *140802307-0031*	floor leveler & carpet mastic	Various	100.0	None	No Asbestos Detected	
MC-70 *140802307-0032*	floor leveler & carpet mastic	Yellow/White	100.0	None	No Asbestos Detected	

Analyst(s)
Rhonda McGee (20)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
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Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104 / Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:50 PM
EMSL Order: 140802307

EMSL Proj: Midtown
Analysis Date: 5/22/2008
Report Date: 5/22/2008

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
MC-71 *140802307-0033*	brown battleship linoleum	Brown	99.2	None	<1% Chrysotile	<1
MC-72 *140802307-0034*	brown battleship linoleum	Brown	99.8	None	<1% Chrysotile	<1

Analyst(s)
Rhonda McGee (20)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

THIS IS THE LAST PAGE OF THE REPORT.

1408023058

LiRo Project # 08-21-104
JMD Services Project Number

MIDTOWN - McCURDY'S
Type of Survey and Address

Owner / Agent

MAY 08
Survey Date

24 HR 48 HR 3DAY
6 Day

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
MC- 81	Cork/Tar Insulation	Basement Bakery Area Sect. (1)			
82	"	" "			
83	9X9 TAN F.T + MASTIC	Sub Basement Locker Rm/Warming Rm Sect (1)			
84	" "	" "			
85	MASTIC ON VINYL COVE	Sect 4 2nd Floor			
86	" "	" "			
87	Vapor Barrier under Terrazzo Floor	Sect 3 1st FL			
88	" "	" "			
89	TERRAZZO Flooring	Sect 3 1st FL			
90	" "	" "			
91	Drywall Compound	Sect 3 3rd FL			
92	" "	" 3 2nd FL			
93	" "	" 3 1st FL			
94	Drywall Compound	Sect 4 3			
95	" "	" 4 2			
MC - 96	" "	" 4 1			

Comments / Special Instructions / Notes: POS Stop per group.

(X) Analyze PLM then TEM if negative AND NOB

email results to – rbarr27@yahoo.com

Sampled / Relinquished By	Date and Time	Received By:
	15 MAY	BM DO 5.15.08 6:40 PM

JMD SERVICES 1815 Love Road, Grand Island, NY 14072 (716) 773-3400 phone (716) 773-3456 fax

1408023086

LiRo Project # 08-21-104
JMD Services Project Number

MIDTOWN - McCURDY'S
Type of Survey and Address — Owner / Agent

15 May 08
Survey Date

24 HR 48 HR 3DAY
6 Day
Results Due By

Number of Samples

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
MC 97	Drywall Compound	Sect ② 3rd			
98	" "	" ② 2nd			
99	" "	" ② 1st			
100	Drywall Compound	Sect ① 3rd	NOT RECEIVED BMK 5.16		
101	" "	" ① 2nd			
102	" "	" ① 1st			
103	Drywall Compound	Basement Sect ①			
104	" "	" ②			
105	" "	" ③			
106	Duct Insulation	Sect 1 Sub Basement			
107	"	" "			
108	"	Sect 1 Kit/Bakery			
109	12x12 Beige F.T.	Sect 2 2nd			
110	"	" "			
111	Caulk/Sealant @ Walk-In Cooler	Sect 1 Basement			
MC- 112	" "	" "			

Comments / Special Instructions / Notes:
POS stop per Group

X Analyze PLM then TEM if negative AND NOB

email results to – rbarr27@yahoo.com

Sampled / Relinquished By	Date and Time	Received By:
	15 May	BMK DO 5.15.08 4:40 PM

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490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: 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 - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802308

EMSL Proj: Midtown
Analysis Date: 5/19/2008
Report Date: 5/22/2008

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
MC-81 *140802308-0018*	cork/tar insulation	Black/Brown	100.0	None	Inconclusive: No Asbestos Detected
MC-82 *140802308-0019*	cork/tar insulation	Black/Brown	100.0	None	Inconclusive: No Asbestos Detected
MC-83 *140802308-0020*	9x9 tan ft	Brown/Tan	92.7	None	7.3 Chrysotile 7.3 **Total All Types**
MC-83 *140802308-0021*	9x9 tan ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-84 *140802308-0022* Not Analyzed positive stop	9x9 tan ft	Brown/Tan			
MC-84 *140802308-0023*	9x9 tan ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-85 *140802308-0024*	mastic on vinyl cove	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-86 *140802308-0025*	mastic on vinyl cove	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-87 *140802308-0026*	vapor barrier under terrazzo floor	Various	99.1	None	Inconclusive : <1 Chrysotile <1 **Total All Types**

Analyst(s)

Brian Walczak (10)
Tom Hanes (4)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: 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 - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802308

EMSL Proj: Midtown
Analysis Date: 5/19/2008
Report Date: 5/22/2008

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
MC-88 *140802308-0027*	vapor barrier under terrazzo floor	Black	98.1	None	1.9 Chrysotile 1.9 **Total All Types**
MC-109 *140802308-0028*	12x12 beige ft	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-110 *140802308-0029*	12x12 beige ft	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-111 *140802308-0030*	caulk/sealant @ walk-in coolers	Black	78.8	None	21.2 Chrysotile 21.2 **Total All Types**
MC-112 *140802308-0031*	caulk/sealant @ walk-in coolers	Black	100.0		
Not Analyzed positive stop					

Analyst(s)
Brian Walczak (10)
Tom Hanes (4)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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

NYS198-2

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Fax: (716) 882-9640 Phone: (716) 882-5476
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Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802308

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
MC-89 *140802308-0001*	sect 3 1st fl	Beige Fibrous Homogeneous		99.75% Non-fibrous (other)	**0.25% Chrysotile**
MC-90 *140802308-0002*	sect 3 1st fl	Beige Fibrous Homogeneous		100.00% Non-fibrous (other)	**<1% Chrysotile**
MC-91 *140802308-0003*	sect 3 3rd fl	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-92 *140802308-0004*	sect 3 2nd fl	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-93 *140802308-0005*	sect 3 1st fl	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-94 *140802308-0006*	sect 4 3	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-95 *140802308-0007*	sect 4 2	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-96 *140802308-0008*	sect 4 1	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-97 *140802308-0009*	sect 2 3rd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-98 *140802308-0010*	sect 2 2nd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)
Andrew Maciejewski (19)
Tom Hanes (1)

Rhonda McGee

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

PLMPointCount-1

EMSL Analytical, Inc.
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Phone: (716) 651-0030 Fax: (716) 651-0394 Email: 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 - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802308

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MC-99 *140802308-0011*	sect 2 1st	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-100 *140802308-0012*	sect 1 3rd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-101 *140802308-0013*	sect 1 2nd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-102 *140802308-0014*	sect 1 1st	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-103 *140802308-0015*	basement sect 1	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-104 *140802308-0016*	basement sect 2	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-105 *140802308-0017*	basement sect 3	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
MC-106 *140802308-0032*	sect 1 sub basement	Gray Fibrous Homogeneous	3.00% Cellulose	70.00% Non-fibrous (other)	**27.00% Chrysotile**
MC-107 *140802308-0033*	sect 1 sub basement				**Positive Stop**
MC-108 *140802308-0034*	sect 1 kit/bakery				**Positive Stop**

Analyst(s)

Andrew Maciejewski (19)
Tom Hanes (1)

Rhonda McGee

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 Analytical, Inc.
490 Rowley Road, Depew, NY 14043
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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 - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 05/15/08 6:40 PM
EMSL Order: 140802308

EMSL Proj: Midtown
Analysis Date: 5/21/2008
Report Date: 5/22/2008

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
MC-81 *140802308-0018*	cork/tar insulation	Black/Brown	100.0	None	No Asbestos Detected	
MC-82 *140802308-0019*	cork/tar insulation	Black/Brown	100.0	None	No Asbestos Detected	
MC-83 *140802308-0021*	9x9 tan ft mastic	Black	100.0	None	No Asbestos Detected	
MC-84 *140802308-0023*	9x9 tan ft mastic	Black	100.0	None	<1% Chrysotile	<1
MC-85 *140802308-0024*	mastic on vinyl cove	Black	100.0	None	No Asbestos Detected	
MC-86 *140802308-0025*	mastic on vinyl cove	Black	100.0	None	No Asbestos Detected	
MC-109 *140802308-0028*	12x12 beige ft	Gray	100.0	None	No Asbestos Detected	
MC-110 *140802308-0029*	12x12 beige ft	Gray	100.0	None	No Asbestos Detected	

Analyst(s)
Rhonda McGee (8)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

THIS IS THE LAST PAGE OF THE REPORT.

1405035229

LiRo Project 09-21-104
JMD Services Project Number

MIDTOWN- McCURDY'S
Type of Survey and Address

Owner / Agent

MAY 08
Survey Date

24 HR 48 HR 3DAY

Number of Samples

5 DAY
Results Due By

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
MC-160	Green Linoleum	2nd Floor Dressing Rm			
161	↓	2nd Fl Old Bathroom			
162	Paper Insulated Metal C.T.	2nd Fl Kitchen			
163	"	Basement Bakery Kitchen			

Comments Special Instructions Notes:

X Positive Stop per group

X Analyze PLM 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

EMSL Analytical, Inc.
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Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **Midtown - MuCurdry's**

Customer ID: LIRO50
Customer PO:
Received: 06/20/08 4:00 PM
EMSL Order: 140803229

EMSL Proj: Midtown
Analysis Date: 6/24/2008
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
MC-160 *140803229-0001*	green linoleum	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-161 *140803229-0002*	green linoleum	Gray	100.0	None	Inconclusive: No Asbestos Detected
MC-162 *140803229-0003*	paper insulated metal CT	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-163 *140803229-0004*	paper insulated metal CT	Black	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Rachel Giese (4)

Rhonda McGee

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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

NYS198-2

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EMSL Analytical, Inc.
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Liro Group
690 Delaware Avenue
Buffalo, NY 14209

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **Midtown - MuCurdry's**

Customer ID: LIRO50
Customer PO:
Received: 06/20/08 4:00 PM
EMSL Order: 140803229

EMSL Proj: Midtown
Analysis Date: 6/26/2008
Report Date: 6/26/2008

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
MC-160 *140803229-0001*	green linoleum	Gray	100.0	None	No Asbestos Detected	
MC-161 *140803229-0002*	green linoleum	Gray	100.0	None	No Asbestos Detected	
MC-162 *140803229-0003*	paper insulated metal CT	Black	100.0	None	No Asbestos Detected	
MC-163 *140803229-0004*	paper insulated metal CT	Black	100.0	None	No Asbestos Detected	

Analyst(s)
Tom Hanes (4)

Rhonda McGee, Laboratory Manager
or other approved signatory

THIS IS THE LAST PAGE OF THE REPORT.

1408029O1

Lito Project 08-21-104
JMD Services Project Number

MILTON - MCCURDY'S
Type of Survey and Address

Owner / Agent

Survey Date

24 HR ~~48 HR~~ ~~3DAY~~
Per Lito
Results Due By

Number of Samples

Field Sample #	Material Description		Location	Amount	Cnd	F/NF
MC-160	ROOF FIELD	1	BLDG A			
161	"	2	"			
162	FLASHING	1	BLDG A			
163	"	2	"			
164	ROOF FIELD	1	BLDG B			
165	"	2	"			
166	FLASHING	1	BLDG B			
167	"	2	"			
168	ROOF FIELD	1	BLDG C			
169	"	2	"			
170	FLASHING	1	BLDG C			
171	"	2	"			
MC-172	COPING TAR		BLDG C			

Comments / Special Instructions / Notes:

☒ *Positive Stop per group*

☒ *Analyze PLM then TEM if negative AND NOB*

*email results to – **rbarr27@yahoo.com***

Sampled / Relinquished By	Date and Time	Received By:
		BMC DO 6.10.08 2:55 PM

B

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

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104, Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 06/10/08 2:55 PM
EMSL Order: 140802901

EMSL Proj: Midtown
Analysis Date: 6/12/2008
Report Date: 6/16/2008

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
MC-160 *140802901-0001*	roof filed 1	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-161 *140802901-0002*	roof field 2	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-162 *140802901-0003*	flashing 1	Black/Red	81.4	None	18.6 Chrysotile 18.6 **Total All Types**
MC-163 *140802901-0004* Not Analyzed Positive stop	flashing 2	Black			
MC-164 *140802901-0005*	roof field 1	Black/Brown	100.0	None	Inconclusive : <1 Chrysotile <1 **Total All Types**
MC-165 *140802901-0006*	roof field 2	Black/Brown	99.9	None	Inconclusive : <1 Chrysotile <1 **Total All Types**
MC-166 *140802901-0007*	flashing 1	Black/Brown	100.0	None	Inconclusive: No Asbestos Detected
MC-167 *140802901-0008*	flashing 2	Black	98.5	None	1.5 Chrysotile 1.5 **Total All Types**
MC-168 *140802901-0009*	roof field 1	Various	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)
Rachel Giese (12)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

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

NYS198-2

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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 - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 06/10/08 2:55 PM
EMSL Order: 140802901

EMSL Proj: Midtown
Analysis Date: 6/12/2008
Report Date: 6/16/2008

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
MC-169 *140802901-0010*	roof field 2	Various	100.0	None	Inconclusive: No Asbestos Detected
MC-170 *140802901-0011*	flashing 1	Black	100.0	None	Inconclusive: No Asbestos Detected
MC-171 *140802901-0012*	flashing 2	Black/Brown	98.3	None	1.7 Chrysotile 1.7 **Total All Types**
MC-172 *140802901-0013*	copcing tar	Black	96.4	None	3.6 Chrysotile 3.6 **Total All Types**

Analyst(s)
Rachel Giese (12)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

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NYS198-2

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Attn: **Jason Colvin**
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690 Delaware Avenue
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Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **08-21-104, Midtown - McCurdy's**

Customer ID: LIRO50
Customer PO:
Received: 06/10/08 2:55 PM
EMSL Order: 140802901

EMSL Proj: Midtown
Analysis Date: 6/16/2008
Report Date: 6/16/2008

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
MC-160 *140802901-0001*	roof filed 1	Black	100.0	None	No Asbestos Detected	
MC-161 *140802901-0002*	roof field 2	Black	100.0	None	No Asbestos Detected	
MC-164 *140802901-0005*	roof field 1	Black/Brown	100.0	None	<1% Chrysotile	<1
MC-165 *140802901-0006*	roof field 2	Black/Brown	100.0	None	<1% Chrysotile	<1
MC-168 *140802901-0009*	roof field 1	Various	100.0	None	No Asbestos Detected	
MC-169 *140802901-0010*	roof field 2	Various	100.0	None	No Asbestos Detected	

Analyst(s)
Rhonda McGee (6)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

NY/TEMNOB-3

THIS IS THE LAST PAGE OF THE REPORT.

~~14U8U4C44~~ 0308 26587

JMD Services Project Number

Midtown MALL

Type of Survey and Address

Owner / Agent

8-1-08

Survey Date

24 HR 48 HR 3DAY

~~5 DAY~~

Number of Samples

Results Due By 8/11/08

	Field Sample #	Material Description	Location	Amount	Cnd	F/NF
262	01	DRY WAll	RAINbow			
263	02	DRY WAll COMPOUND	↓			
264	03	"				
265	04	"				
266	05	PlasteR				
267	06	C/T				
268	07	12x12 F/T (WHite)		54x30		
269	08	9x9 F/T (Beigh)		12x6		
270	09	DRY WAll	FOOD Court			
271	10	DRY WAll compound	↓			
272	11	"				
273	12	"				
274	13	DRY WAll	NEWStAND			
275	14	DRY WAll compound	↓			
276	15	"				
277	16	"				

Comments / Special Instructions / Notes:

☐ *Positive Stop per group*

☒ *Analyze PLM then TEM if negative AND NOB*

email results to – ***rbarr27@yahoo.com***

Sampled / Relinquished By	Date and Time	Received By
[signature]		[signature] 8/1/08 5pm
[signature] 8/5/08 5pm		[signature] 08/06 10:03am

JMD SERVICES 1815 Love Road, Grand Island, NY 14072 (716) 773-3400 phone (716) 773-3456 fax

0308 26587

1408042911

JMD Services Project Number

Midtown Mall
Type of Survey and Address

Owner / Agent

8-1-08
Survey Date

Number of Samples

24 HR 48 HR 3DAY
~~5DAY~~ 6 10 day
Results Due By 8/11/08

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
278	DRYWALL	FOX MOUTR			
279	DRYWALL compound	↓			
280	"				
281	"				
282	12x12 F/T (white)				

Comments / Special Instructions / Notes:

☐ *Positive Stop per group*

☐ *Analyze PLM then TEM if negative AND NOB*

email results to – rbarr27@yahoo.com

Sampled / Relinquished By	Date and Time	Received By
[signature]		[signature] 8/10/08 5pm

[signature] 8/5/08 5pm

[signature] 08/06/08 10:03am

JMD SERVICES 1815 Love Road, Grand Island, NY 14072 (716) 773-3400 phone (716) 773-3456 fax

1308260587

EMSL Analytical, Inc.

307 West

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **MIDTOWN MALL**

Customer ID: LIRO50
Customer PO:
Received: 08/06/08 10:03 AM
EMSL Order: 030826587
EMSL Proj:

Report Date: 8/7/2008

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
262	**PLM NYS 198.1 Friable**	8/6/2008	Gray/Tan/Whi	26.00% Cellulose	74%	**None Detected**	
030826587-0001	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
DRYWALL/ RAINBOW	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
263	**PLM NYS 198.1 Friable**	8/6/2008	White		100%	**None Detected**	
030826587-0002	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
DRYWALL COMPOUND/ RAINBOW	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
264	**PLM NYS 198.1 Friable**	8/6/2008	White		100%	**None Detected**	
030826587-0003	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
DRYWALL COMPOUND/ RAINBOW	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
265	**PLM NYS 198.1 Friable**	8/6/2008	White		100%	**None Detected**	
030826587-0004	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
DRYWALL COMPOUND/ RAINBOW	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
266 SMOOTH	**PLM NYS 198.1 Friable**	8/6/2008	White		100%	**None Detected**	
030826587-0005	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
PLASTER/ RAINBOW	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
266 ROUGH	**PLM NYS 198.1 Friable**	8/6/2008	Gray/Tan		100%	**None Detected**	
030826587-0005A	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
PLASTER/ RAINBOW	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
267	**PLM NYS 198.1 Friable**	8/6/2008	Gray/White	30.00% Cellulose 50.00% Glass	20%	**None Detected**	
030826587-0006	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
C/T RAINBOW	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
268	**PLM NYS 198.1 Friable**						Not Analyzed
030826587-0007	**PLM NYS 198.6 NOB**	8/6/2008	White		N/A	**Inconclusive: None Detected**	
12X12 F/T WHITE/ RAINBOW	**TEM NYS 198.4 NOB**	8/7/2008	White		N/A	**None Detected**	

NYS198-7.4

EMSL Analytical, Inc.
307 West :

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **MIDTOWN MALL**

Customer ID: LIRO50
Customer PO:
Received: 08/06/08 10:03 AM
EMSL Order: 030826587
EMSL Proj:

Report Date: 8/7/2008

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
268 M	**PLM NYS 198.1 Friable**						Not Analyzed
030826587-0007A	**PLM NYS 198.6 NOB**	8/6/2008	Black		N/A	**Inconclusive: None Detected**	
12X12 F/T WHITE/ RAINBOW	**TEM NYS 198.4 NOB**	8/7/2008	Black		N/A	**None Detected**	
269	**PLM NYS 198.1 Friable**						Not Analyzed
030826587-0008	**PLM NYS 198.6 NOB**	8/6/2008	Beige		N/A	1.3% Chrysotile **1.3% Total**	
9X9 F/T BEIGE/ RAINBOW	**TEM NYS 198.4 NOB**	8/7/2008			N/A	**Not Analyzed**	Positive Stop
269 M	**PLM NYS 198.1 Friable**						Not Analyzed
030826587-0008A	**PLM NYS 198.6 NOB**	8/6/2008	Black		N/A	10.8% Chrysotile **10.8% Total**	
9X9 F/T BEIGE/ RAINBOW	**TEM NYS 198.4 NOB**	8/7/2008			N/A	**Not Analyzed**	Positive Stop
270	**PLM NYS 198.1 Friable**	8/6/2008	Gray/Tan	12.00% Cellulose	88%	**None Detected**	NOTE: BEIGE MASTIC OMITTED
030826587-0009	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
DRYWALL/ FOOD COURT	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
271	**PLM NYS 198.1 Friable**	8/6/2008	White/Pink		100%	**None Detected**	
030826587-0010	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
DRYWALL COMPOUND/ FOOD COURT	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
272	**PLM NYS 198.1 Friable**	8/6/2008	White/Pink		100%	**None Detected**	
030826587-0011	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
DRYWALL COMPOUND/ FOOD COURT	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
273	**PLM NYS 198.1 Friable**	8/6/2008	White/Pink		100%	**None Detected**	
030826587-0012	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
DRYWALL COMPOUND/ FOOD COURT	**TEM NYS 198.4 NOB**				N/A		Not Analyzed

EMSL Analytical, Inc.
307 West :

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **MIDTOWN MALL**

Customer ID: LIRO50
Customer PO:
Received: 08/06/08 10:03 AM
EMSL Order: 030826587
EMSL Proj:

Report Date: 8/7/2008

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
274 *030826587-0013* DRYWALL / NEWSTAND	**PLM NYS 198.1 Friable**	8/6/2008	Gray/Tan	10.00% Cellulose <1% Glass	90%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
275 *030826587-0014* DRYWALL COMPOUND/ NEWSTAND	**PLM NYS 198.1 Friable**	8/6/2008	White/Gray		100%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
276 *030826587-0015* DRYWALL COMPOUND/ NEWSTAND	**PLM NYS 198.1 Friable**	8/6/2008	White/Gray		100%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
277 *030826587-0016* DRYWALL COMPOUND/ NEWSTAND	**PLM NYS 198.1 Friable**	8/6/2008	White/Gray		100%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
278 *030826587-0017* DRYWALL/ FOXNOUR	**PLM NYS 198.1 Friable**	8/6/2008	Gray/Tan	13.00% Cellulose <1% Glass	87%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
279 *030826587-0018* DRYWALL COMPOUMD/ FOXNOUR	**PLM NYS 198.1 Friable**	8/6/2008	White/Cream		100%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
280 *030826587-0019* DRYWALL COMPOUMD/ FOXNOUR	**PLM NYS 198.1 Friable**	8/6/2008	White/Cream		100%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed

EMSL Analytical, Inc.
307 West :

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **MIDTOWN MALL**

Customer ID: LIRO50
Customer PO:
Received: 08/06/08 10:03 AM
EMSL Order: 030826587
EMSL Proj:

Report Date: 8/7/2008

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
281	**PLM NYS 198.1 Friable**	8/6/2008	White/Cream		100%	**None Detected**	
030826587-0020	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
DRYWALL COMPOUMD/ FOXNOUR	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
282	**PLM NYS 198.1 Friable**						Not Analyzed
030826587-0021	**PLM NYS 198.6 NOB**	8/6/2008	Beige		N/A	Inconclusive : <1% Chrysotile **<1% Total**	
12X12 F/T WHITE	**TEM NYS 198.4 NOB**	8/7/2008	Beige		N/A	**None Detected**	

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

Analyst(s)
Robert Georgens
Steve Jusczuk

James Hall, Laboratory Manager
or other approved signatory

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

THIS IS THE LAST PAGE OF THE REPORT.

J30828362

Midtown Skywalks
JMD Services Project Number

Type of Survey and Address | Owner / Agent

8/14/05
Survey Date

24 HR 48 HR 3DAY

5 DAY
Results Due By

Number of Samples

Field Sample #	Material Description	Location	Amount	Unit	
SW 01	SPRAY ON	SEN / CHASE	Clinton Ave		
02	WINDOW CAULK	SEN / CHASE			
03	ROOFING	SEN / CHASE			
04	FLASHING	SEN / CHASE			
05	ROOFING	SEN / CHASE			
06	FLASHING	SEN / CHASE			
07	PLASTER	Sibley	Main Street		
08	"	Sibley			
09	"	Sibley			
10	STUCCO	Sibley			
11	"	Sibley			
12	"	Sibley			
13	CAULK (EXT PANNEL)	Sibley			
14	ROOFING	Sibley			
SW 15	ROOFING	Sibley			

SAMPLE ACCEPTED FOR ANALYSIS BY EMSL MANHATTAN

Comments / Special Instructions / Notes

☐ *Positive Stop per group*

☒ *Analyze PLM then TEM if negative AND NOB*

Checked 08/16/08

email results to – rbarr27@yahoo.com

Nick Sol[illegible] | | 08-15-08P12:28 RCVD [signature]

Sample(s) Relinquished By | Date and Time | Received By

relinquished [signature] 08-15-08 5:30pm

JMD SERVICES 1815 Love Road, Grand Island, NY 14072 (716) 773-3400 phone (716) 773-3456 fax

030828362

EMSL Analytical, Inc.

307 West

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **MIDTOWN SKYWALKS**

Customer ID: LIRO50
Customer PO:
Received: 08/18/08 10:35 Al
EMSL Order: 030828362
EMSL Proj: Midtown

Report Date: 8/23/2008

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
01	**PLM NYS 198.1 Friable**	8/22/2008	Tan	5.00% Cellulose 80.00% Glass	15%	**None Detected**	
030828362-0001	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
SPRAY ON JEN/CHASE	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
02	**PLM NYS 198.1 Friable**						Not Analyzed
030828362-0002	**PLM NYS 198.6 NOB**	8/19/2008	Brown		N/A	**Inconclusive: None Detected**	
WINDOW CAULK JEN/CHASE	**TEM NYS 198.4 NOB**	8/22/2008	Brown		N/A	**None Detected**	
03	**PLM NYS 198.1 Friable**						Not Analyzed
030828362-0003	**PLM NYS 198.6 NOB**	8/19/2008	Gray		N/A	**Inconclusive: None Detected**	
ROOFING JEN/CHASE	**TEM NYS 198.4 NOB**	8/22/2008	Gray		N/A	**None Detected**	
04	**PLM NYS 198.1 Friable**						Not Analyzed
030828362-0004	**PLM NYS 198.6 NOB**	8/19/2008	Black		N/A	**Inconclusive: None Detected**	
FLASHING JEN/ CHASE	**TEM NYS 198.4 NOB**	8/22/2008	Black		N/A	1.4% Chrysotile **1.4% Total**	
05	**PLM NYS 198.1 Friable**						Not Analyzed
030828362-0005	**PLM NYS 198.6 NOB**	8/19/2008	Tan/Black	<1% Glass	N/A	**Inconclusive: None Detected**	
ROOFING JEN/ CHASE	**TEM NYS 198.4 NOB**	8/22/2008	Tan/Black		N/A	**None Detected**	
06	**PLM NYS 198.1 Friable**						Not Analyzed
030828362-0006	**PLM NYS 198.6 NOB**	8/19/2008	Black		N/A	**Inconclusive: None Detected**	
FLASHING JEN/ CHASE	**TEM NYS 198.4 NOB**	8/22/2008	Black		N/A	<1% Chrysotile **<1% Total**	
07	**PLM NYS 198.1 Friable**	8/22/2008	Tan/White		100%	**None Detected**	
030828362-0007	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
PLASTER SIBLEY	**TEM NYS 198.4 NOB**				N/A		Not Analyzed

EMSL Analytical, Inc.

307 West

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **MIDTOWN SKYWALKS**

Customer ID: LIRO50
Customer PO:
Received: 08/18/08 10:35 Al
EMSL Order: 030828362
EMSL Proj: Midtown

Report Date: 8/23/2008

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
08	**PLM NYS 198.1 Friable**	8/22/2008	Gray/White		100%	**None Detected**	
030828362-0008	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
PLASTER SIBLEY	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
09	**PLM NYS 198.1 Friable**	8/22/2008	Gray/White		100%	**None Detected**	
030828362-0009	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
PLASTER SIBLEY	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
10	**PLM NYS 198.1 Friable**	8/22/2008	Gray/White		100%	**None Detected**	
030828362-0010	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
STUCCO SIBLEY	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
11	**PLM NYS 198.1 Friable**	8/22/2008	Gray/White		100%	**None Detected**	
030828362-0011	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
STUCCO SIBLEY	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
12	**PLM NYS 198.1 Friable**	8/22/2008	Gray/White		100%	**None Detected**	
030828362-0012	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
STUCCO SIBLEY	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
13	**PLM NYS 198.1 Friable**						Not Analyzed
030828362-0013	**PLM NYS 198.6 NOB**	8/19/2008	Gray/Black		N/A	**Inconclusive: None Detected**	
CAULK (EXT PANEL) SIBLEY	**TEM NYS 198.4 NOB**	8/22/2008	Gray/Black		N/A	**None Detected**	
14	**PLM NYS 198.1 Friable**						Not Analyzed
030828362-0014	**PLM NYS 198.6 NOB**	8/19/2008	Brown/Tan	<1% Glass	N/A	**Inconclusive: None Detected**	
ROOFING SIBLEY	**TEM NYS 198.4 NOB**	8/22/2008	Brown/Tan		N/A	**None Detected**	
15	**PLM NYS 198.1 Friable**						Not Analyzed
030828362-0015	**PLM NYS 198.6 NOB**	8/19/2008	Brown/Tan	<1% Glass	N/A	**Inconclusive: None Detected**	
ROOFING SIBLEY	**TEM NYS 198.4 NOB**	8/22/2008	Brown/Tan		N/A	**None Detected**	

EMSL Analytical, Inc.
307 West

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

Fax: (716) 882-9640 Phone: (716) 882-5476
Project: **MIDTOWN SKYWALKS**

Customer ID: LIRO50
Customer PO:
Received: 08/18/08 10:35 Al
EMSL Order: 030828362
EMSL Proj: Midtown

Report Date: 8/23/2008

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non-Fibrous	Asbestos	Comments

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

Analyst(s)

Alexander Balter
Ping Chen

James Hall, Laboratory Manager
or other approved signatory

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

THIS IS THE LAST PAGE OF THE REPORT.

140804293

140804293

JMD Services Project Number

MiDtowN ExtERioR
Type of Survey and Address

Owner / Agent

8/1/08
Survey Date

10
Number of Samples

24 HR 48 HR 3DAY
6-10 day
~~5 DAY~~
Results Due By 8/1/08

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
ME 01	CAulk	Eculid St ENTRANCE	Euclid Bldg.		
ME 02	"	"			
ME 03	CAulk	MiNute MAN			
ME 04	"	"			
ME 05	CAulk	IN Between Blue MARble	McCurdy's Bldg.		
ME 06	"	"			
ME 07	CAulk	Clinton St Door	Midtown Mall		
ME 08	"	"			
ME 09	CAulk	MARble Meets SidewAlk	- McCurdy's Bldg		
ME 10	"	"	- B. Forman Bldg		

Comments / Special Instructions / Notes:

☐ *Positive Stop per group*

☒ *Analyze PLM then TEM if negative AND NOB*

*email results to – **rbarr27@yahoo.com***

Sampled / Relinquished By	Date and Time	Received By
RB		[signature] 8/1/08 5pm

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

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

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 infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities 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.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: 7166510394 Email: 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: 8/13/2008
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	Euclid
02 *140804293-0002*	caulk	White	99.8	None	<1% Chrysotile	<1	Euclid
03 *140804293-0003*	caulk	Black	98.1	None	1.9% Chrysotile	1.9	Euclid
04 *140804293-0004*	caulk	Black	98.2	None	1.8% Chrysotile	1.8	Euclid
05 *140804293-0005*	caulk	Black	100.0	None	No Asbestos Detected		McCurdy
06 *140804293-0006*	caulk	Black	100.0	None	No Asbestos Detected		McCurdy
07 *140804293-0007*	caulk	Gray	100.0	None	No Asbestos Detected		Mall
08 *140804293-0008*	caulk	Gray	100.0	None	No Asbestos Detected		Mall
09 *140804293-0009*	caulk	Black/Gray	100.0	None	No Asbestos Detected		McCurdy
10 *140804293-0010*	caulk	Black/Gray	100.0	None	No Asbestos Detected		B. Forman

Analyst(s)
Rhonda McGee (10)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

0308 39120

LiRo Engineers, Inc.
ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue
Buffalo, New York 14209
Tel. 716-882-5476 / Fax 716-882-9640

Bulk Sampling Chain of Custody Form

LiRo Job:
Job Name: Midtown Plaza
Job Location: Midtown Plaza, Rochester NY
Building /Site: McCurdy's

FAX Results to: 716-882-9640
attention: Jason Colvin
email results to: colvinj@liro.com
Turn-Around-Time: 3 day

ACM Code	Sample Number	SAMPLE LOCATION	DESCRIPTION OF MATERIAL	MATERIAL QUANTITY (sf, lf, cy)	NOTES
MC1	M-G01A	sub-basement boiler room	boiler door rope gasket		
MC1	M-G01B	sub-basement boiler room	boiler door rope gasket		
MC2	MC-EC01A	exterior	louver caulk		
MC2	MC-EC01B	exterior	louver caulk		
MC3	MC-EC02A	exterior 5th floor	window caulk		
MC3	MC-EC02B	exterior 5th floor	window caulk		

EMSL MANHATTAN
RECEIVED
08 NOV -4 AM 9:20

Comments: **First positive stop for each "ACM Code" Group.**

Analyze NYS friables via PLM only. Analyze NYS NOB via PLM to TEM.

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
Jason Colvin	11/3/08	mgarrison	11/4/08

030839120

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

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

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

Customer ID: LIRO50A
Customer PO:
Received: 11/04/08 9:20 AM
EMSL Order: 030839120
EMSL Proj:
Report Date: 11/7/2008

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
M-G01A *030839120-0001* SUB BASEMENT BOILER RM/ BOILER DOOR ROPE GASKET	**PLM NYS 198.1 Friable**	11/5/2008	Gray/Tan	98.00% Glass	2%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
M-G01B *030839120-0002* SUB BASEMENT BOILER RM/ BOILER DOOR ROPE GASKET	**PLM NYS 198.1 Friable**	11/5/2008	Gray/Tan	96.00% Glass	4%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
MC-EC01A *030839120-0003* EXTERIOR/ LOUVER CAULK	**PLM NYS 198.1 Friable**						Not Analyzed
	PLM NYS 198.6 NOB	11/5/2008	Gray		N/A	**Inconclusive: None Detected**	
	TEM NYS 198.4 NOB	11/7/2008	Gray		N/A	**None Detected**	
MC-EC01B *030839120-0004* EXTERIOR/ LOUVER CAULK	**PLM NYS 198.1 Friable**						Not Analyzed
	PLM NYS 198.6 NOB	11/5/2008	White		N/A	**Inconclusive: None Detected**	
	TEM NYS 198.4 NOB	11/7/2008	White		N/A	**None Detected**	
MC-EC02A *030839120-0005* EXTERIOR 5TH FLOOR/ WINDOW CAULK	**PLM NYS 198.1 Friable**						Not Analyzed
	PLM NYS 198.6 NOB	11/5/2008	Gray		N/A	Inconclusive : <1% Chrysotile **<1% Total**	
	TEM NYS 198.4 NOB	11/7/2008	Gray		N/A	<1% Chrysotile **<1% Total**	
MC-EC02B *030839120-0006* EXTERIOR 5TH FLOOR/ WINDOW CAULK	**PLM NYS 198.1 Friable**						Not Analyzed
	PLM NYS 198.6 NOB	11/5/2008	Gray		N/A	**Inconclusive: None Detected**	
	TEM NYS 198.4 NOB	11/7/2008	Gray		N/A	**None Detected**	

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

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

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

Customer ID: LIRO50A
Customer PO:
Received: 11/04/08 9:20 AM
EMSL Order: 030839120
EMSL Proj:
Report Date: 11/7/2008

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments

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

Analyst(s)

George Williams
Steve Jusczuk

James Hall, Laboratory Manager
or other approved signatory

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

THIS IS THE LAST PAGE OF THE REPORT.

LiRo Engineers, Inc.
ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue
Buffalo, New York 14209
Tel. 716-882-5476 / Fax 716-882-9640

10812132 4

Bulk Sampling Chain of Custody Form

LiRo Job:
Job Name: Midtown Plaza
Job Location: Midtown Plaza, Rochester NY
Building /Site: McCurdy's Building

FAX Results to: 716-882-9640
attention: Jason Colvin
email results to: colvinj@liro.com
Turn-Around-Time: 24 hour

ACM CODE	SAMPLE NUMBER	SAMPLE LOCATION	DESCRIPTION OF MATERIAL	MATERIAL QUANTITY (sf, lf, cy)	NOTES
	MC-173	McCurdys Roof	Spray-on fireproofing on elevator shaft I-beam		
	MC-174	McCurdys Roof	Spray-on fireproofing on elevator shaft I-beam		don't analyze if MC-173 is positive

Comments: **First positive stop.**

Analyze PLM only.

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
Jason Colvin	12/11/08		

RECEIVED
DEC 12 2008
By PL

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Liro-Kreuzer, Inc.
Attn: Jason Colvin
690 Delaware Avenue

Buffalo, NY 14209

Date Received 12/12/08 **AmeriSci Job #** 108121324
Date Examined 12/12/08 **P.O. #**
ELAP # 10984 **Page** 1 **of** 1
RE: Midtown Plaza; Midtown Plaza, Rochester, NY; McCurdy's Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
MC-173	108121324-01	*Yes*	18.2 %
1	**Location:** McCurdy's Roof; Spray-On Fireproofing On Elevator Shaft I-Beam		(by NYS ELAP 198.1) by Gordon T. Saleeby on 12/12/08
	Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types: Chrysotile 18.2 %		
	Other Material: Fibrous glass 75 %, Non-fibrous 6.8 %		
MC-174	108121324-02		NA/PS
1	**Location:** McCurdy's Roof; Spray-On Fireproofing On Elevator Shaft I-Beam		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		

Reporting Notes:
Analyzed by: Gordon T. Saleeby Gordon T. Saleeby Date Dec 12, 2008
*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CYES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.
Reviewed By:_____

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
Revised June 12, 2008

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. RHONDA R. MCGEE
EMSL ANALYTICAL INC
490 ROWLEY ROAD
DEPEW, NY 14043

NY Lab Id No: 11606
EPA Lab Code: NY01278

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

Miscellaneous Air

Asbestos	40 CFR 763 APX A No. III
	NIOSH 7402
	YAMATE,AGARWAL GIBB
Fibers	NIOSH 7400 A RULES

Serial No.: 37178

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) 486-5570 to verify laboratory's accreditation status.

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200056-0

EMSL Analytical, Inc.

Depew, 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 Communique dated 18 June 2005).

2008-07-01 through 2009-06-30

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

Sally S. Bruce

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2006-09-13)

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
490 Rowley Road
Depew, NY 14043
Mr. Kenneth J. Najuch
Phone: 716-651-0030 Fax: 716-651-0394
E-Mail: knajuch@emsl.com
URL: http://www.emsl.com/

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 200056-0**

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

NVLAP-01S (REV. 2005-05-19)

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

DR. THOMAS MCKEE
AMERISCI RICHMOND
13635 GENITO RD
MIDLOTHIAN, VA 23112

NY Lab Id No: 10984
EPA Lab Code: VA00911

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

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020
	Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL

Serial No.: 36014

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101904-0

AmeriSci Richmond

Midlothian, VA

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

BULK ASBESTOS FIBER ANALYSIS

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

2008-07-01 through 2009-06-30

Effective dates

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

Sally S. Bruce

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2006-09-13)

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AmeriSci Richmond
dba AmeriSci Richmond
13635 Genito Road
Midlothian, VA 23112
Mr. Thomas B. Keith
Phone: 804-763-1200 Fax: 804-763-1800
E-Mail: bkeith@amerisci.com
URL: http://www.amerisci.com

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 101904-0**

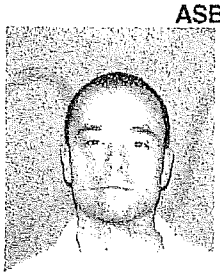
NVLAP Code	*Designation / Description*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2008-07-01 through 2009-06-30
Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE



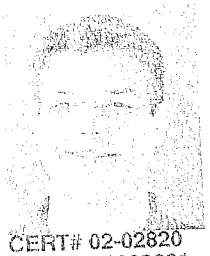
ROBERT W BARR
CLASS(EXPIRES)
D INSP(10/09)

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

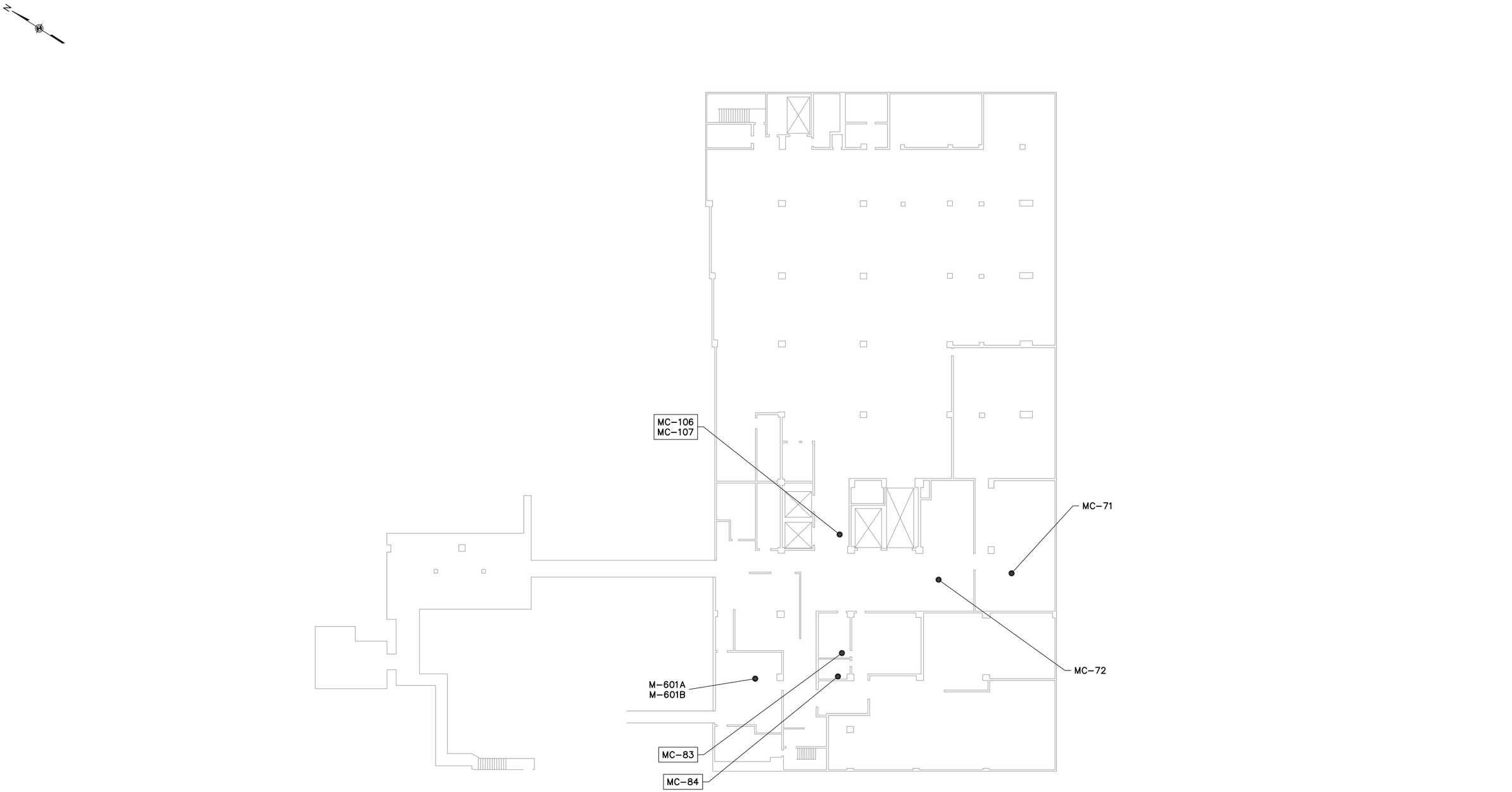
MUST BE CARRIED ON ASBESTOS PROJECTS

EYES BRO
HAIR BRO
HGT 6' 00"

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

APPENDIX C:

BULK SAMPLE LOCATION DRAWINGS



LEGEND:

MC–06 SAMPLE LOCATION (POSITIVE)

MC–06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

WARNING

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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

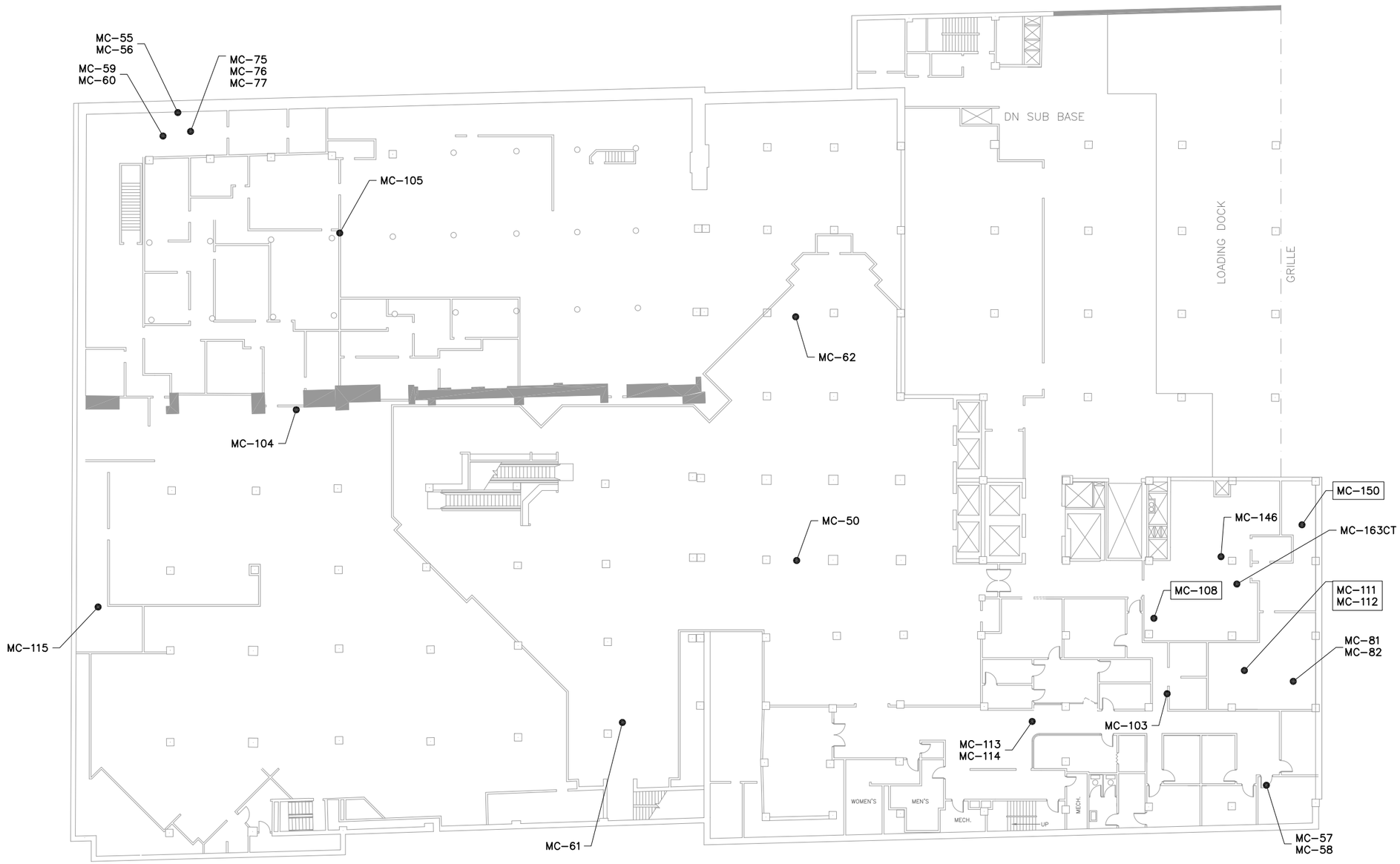
DATE: SEPTEMBER 2008
SCALE: AS SHOWN

JOB TITLE AND LOCATION:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

DRAWING TITLE:
SUB-BASEMENT
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.: 08–21–104
SHEET OF 1 10
FIGURE NO. BSL-1

J:\08211\04 - Midtown Plaza\CAD\SURVEY\BSL\MCCURDY SURVEY.DWG, 12/8/2008 1:48:05 PM, AMK



LEGEND:

MC–06 SAMPLE LOCATION (POSITIVE)

MC–06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

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		REVISIONS

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DATE: SEPTEMBER 2008
SCALE: AS SHOWN

JOB TITLE AND LOCATION:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

DRAWING TITLE:
BASEMENT
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.: 08–21–104
SHEET 2 OF 10
FIGURE NO. BSL-2

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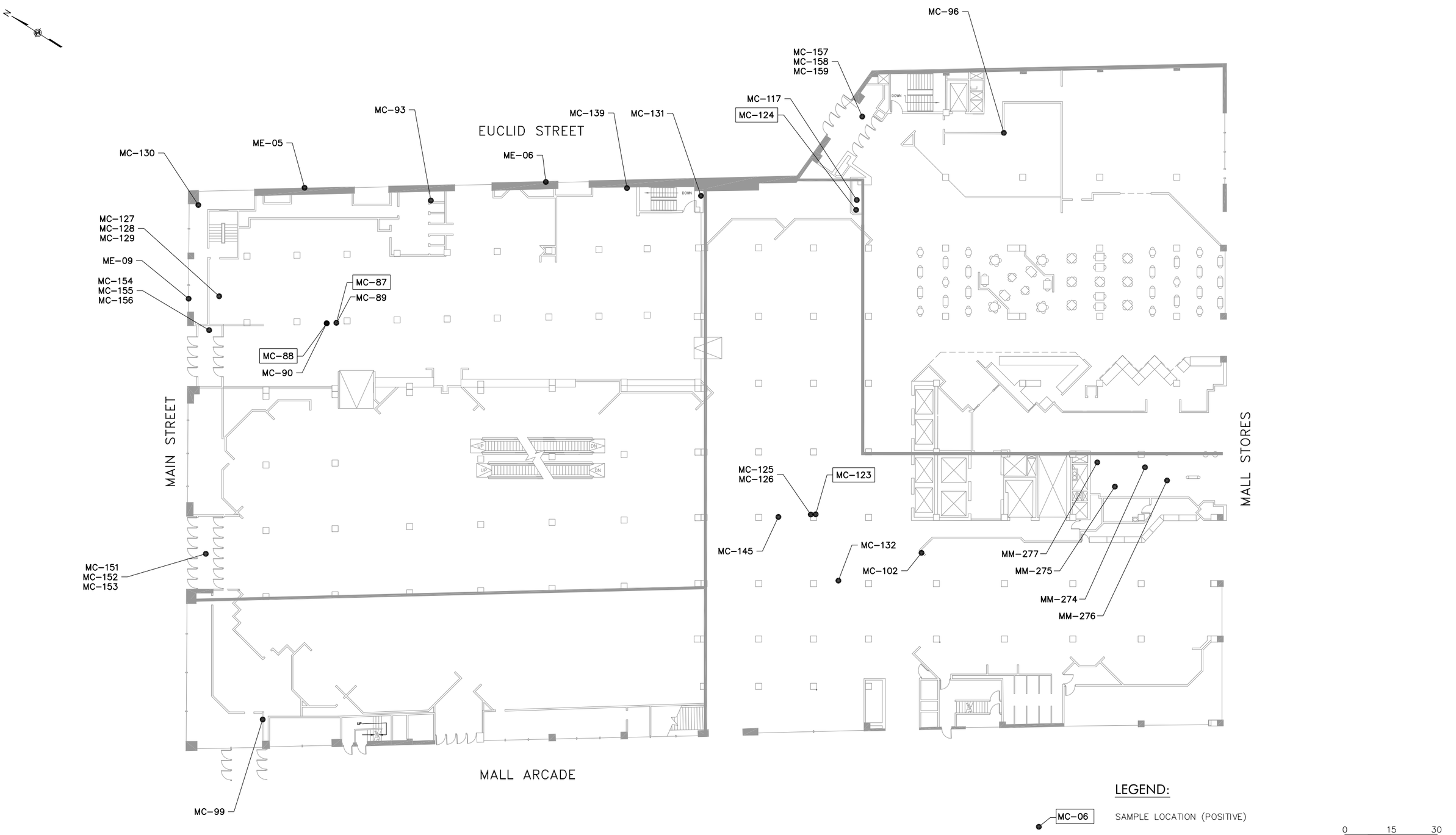

LEGEND:

MC-06 SAMPLE LOCATION (POSITIVE)

MC-06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

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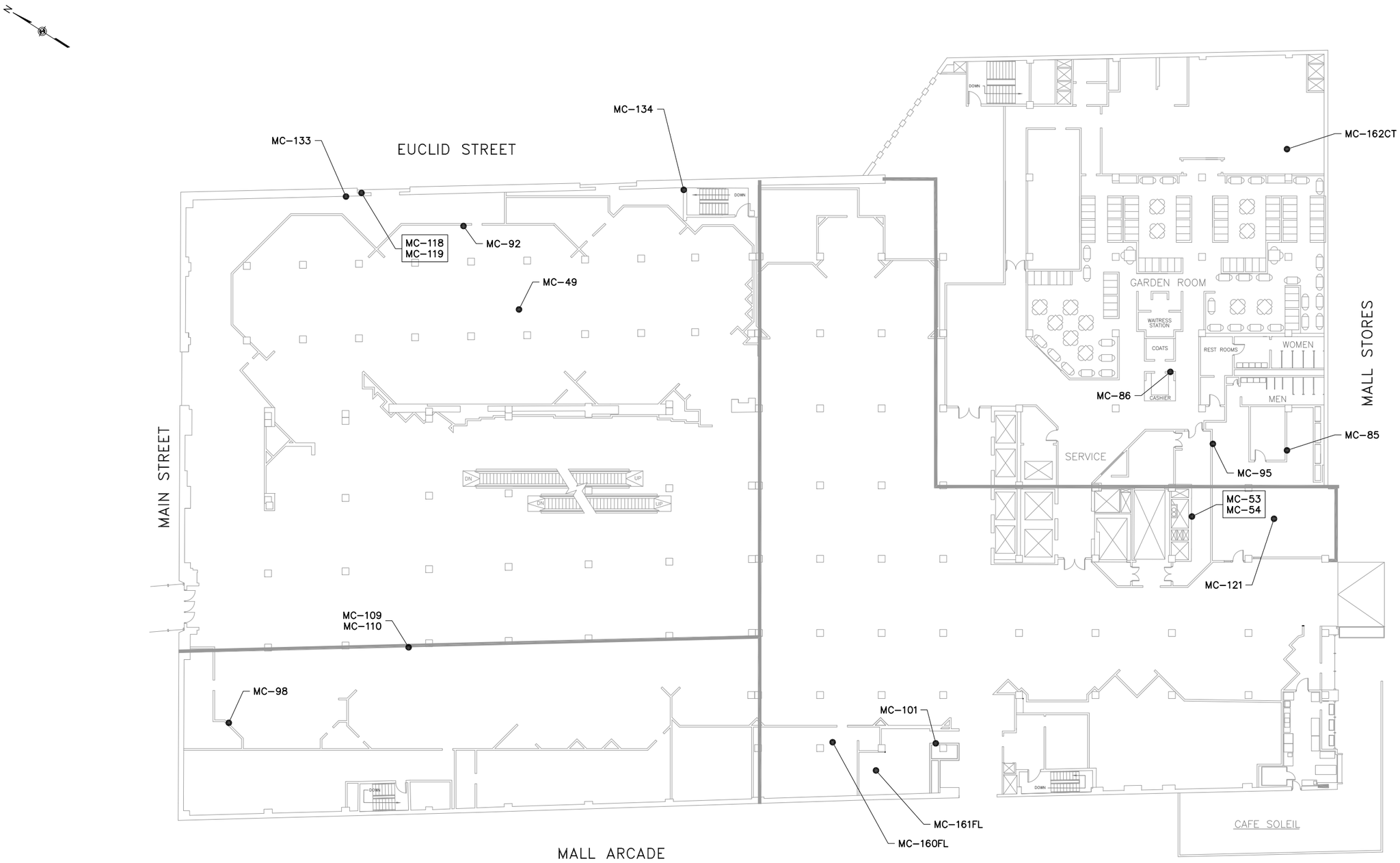
DATE: SEPTEMBER 2008
SCALE: AS SHOWN

JOB TITLE AND LOCATION:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

DRAWING TITLE:
1ST FLOOR
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.: 08-21-104
SHEET OF 3 10
FIGURE NO. BSL-3



LEGEND:

MC-06 SAMPLE LOCATION (POSITIVE)

MC-06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

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REVISIONS		

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Rochester, New York 14604-1409

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

JOB TITLE AND LOCATION:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

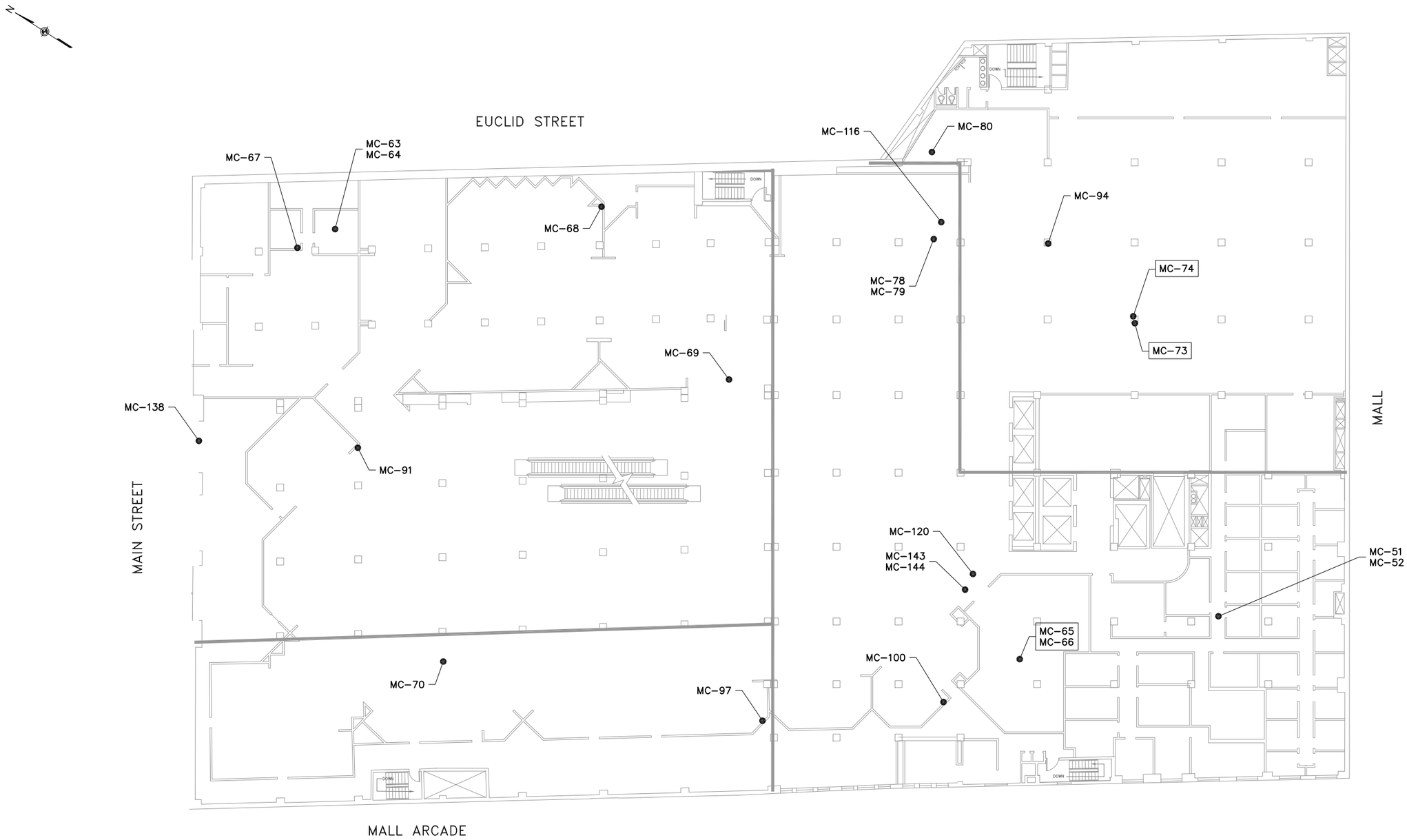
DRAWING TITLE:
2ND FLOOR
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.: 08-21-104

SHEET OF 4 10

FIGURE NO. BSL-4

J:\08\21104 - Midtown Plaza\CAD\SURVEY\BSL\MCCURDY SURVEY.DWG 9/10/2008 11:39:20 AM DPA



LEGEND:

MC-06 SAMPLE LOCATION (POSITIVE)

MC-06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

WARNING

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Buffalo, New York

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

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

JOB TITLE AND LOCATION:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

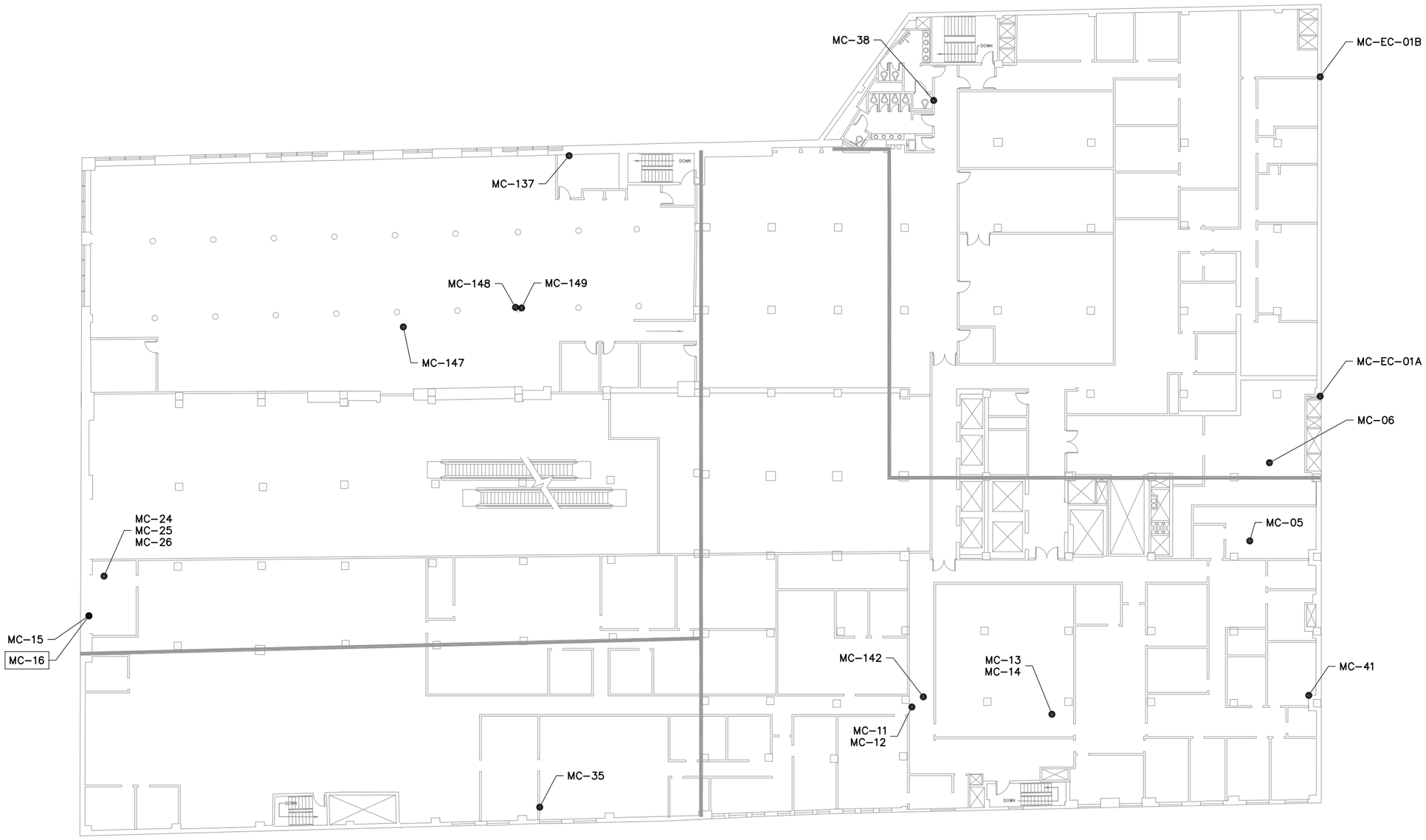
LIRO JOB NO.: 08-21-104

SHEET 5 OF 10

DRAWING TITLE:
3RD FLOOR
BULK SAMPLE LOCATION PLAN

FIGURE NO. BSL-5

J:\08211104 - Midtown Plaza\CAD\SURVEY\BSL\McCURDY SURVEY.DWG 9/10/2008 11:39:23 AM DPA



LEGEND:

MC-06 SAMPLE LOCATION (POSITIVE)

MC-06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

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		REVISIONS

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Buffalo, New York

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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:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

DRAWING TITLE:
4TH FLOOR
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.: 08-21-104
SHEET OF 6 10
FIGURE NO. BSL-6

K:\08210104 - Midtown Plaza\CAD\SURVEY\BSL\MCCURDY SURVEY.DWG, 12/8/2008 11:59:41 AM, AMK

LEGEND:

MC–06 SAMPLE LOCATION (POSITIVE)

MC–06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

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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:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

DRAWING TITLE:
5TH FLOOR
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.: 08–21–104
SHEET 7 OF 10
FIGURE NO. BSL-7

K:\0821104 - Midtown Plaza\CAD\SURVEY\BSL\MCCURDY SURVEY.DWG, 12/8/2008 11:18:40 PM, AMK

LEGEND:

MC-06 SAMPLE LOCATION (POSITIVE)

MC-06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

WARNING

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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

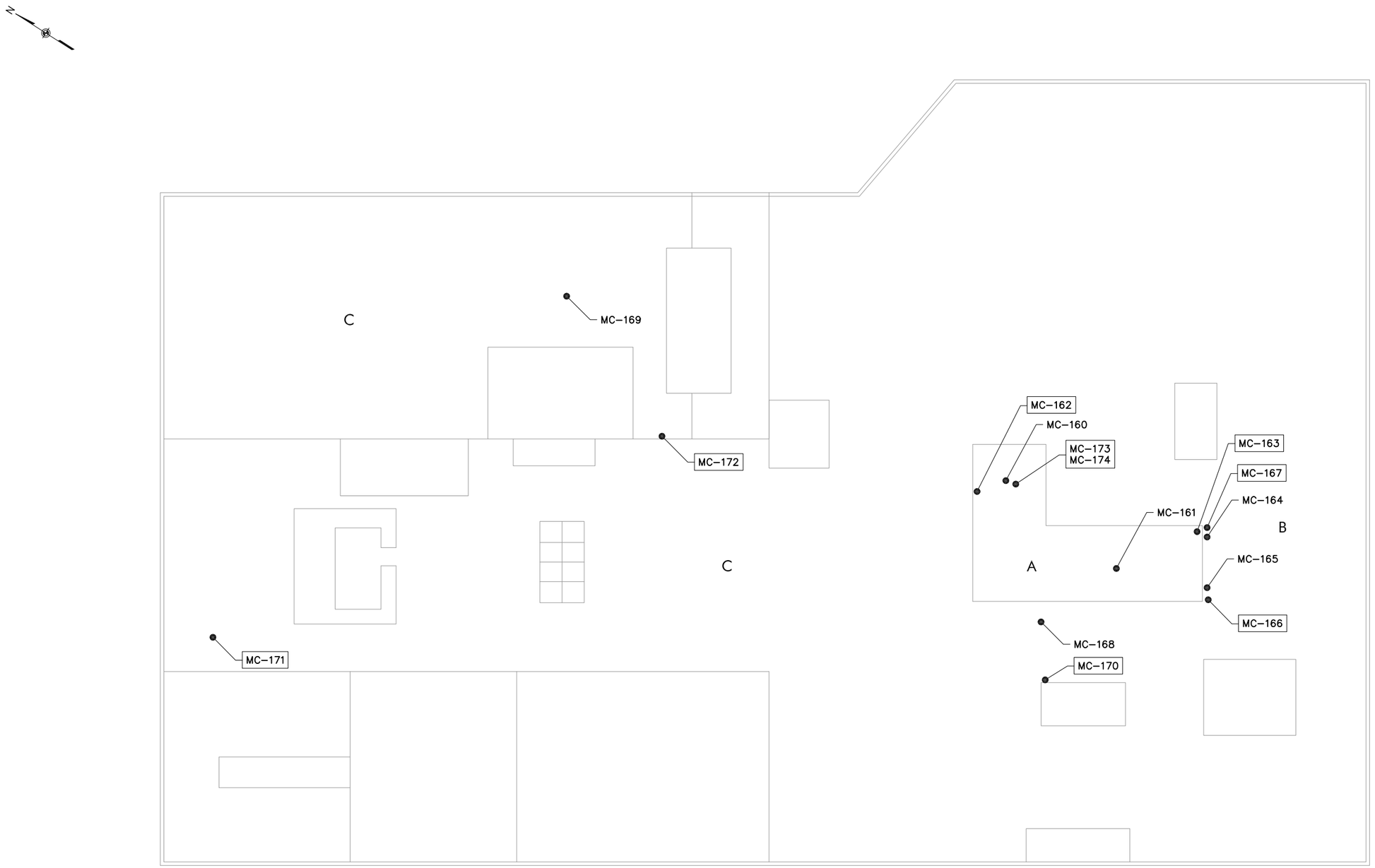
DATE: SEPTEMBER 2008
SCALE: AS SHOWN

JOB TITLE AND LOCATION:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

DRAWING TITLE:
6TH FLOOR
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.: 08-21-104
SHEET 8 OF 10
FIGURE NO. BSL-8

J:\08\21104 - Midtown Plaza\CAD\SURVEY\BSL\MCCURDY SURVEY.DWG 9/10/2008 11:39:35 AM DPA



LEGEND:

MC–06 SAMPLE LOCATION (POSITIVE)

MC–06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 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:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

DRAWING TITLE:
ROOF
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.: 08–21–104
SHEET 9 OF 10
FIGURE NO. BSL-9

K:\08211104 - Midtown Plaza\CAD\SURVEY\BSL\MCCURDY SURVEY.DWG, 12/24/2008 9:33:10 AM, AMK

MONROE COMMUNITY COLLEGE/SIBLEY OFFICE BUILDINGS
SHOPS AT SIBLEYS

LIBERTY
POLE

MAIN STREET EAST

SW–14
SW–15
SW–13
SW–09
SW–10
SW–07
SW–12
SW–08
SW–11

ROCHESTER
COMMUNITY
SAVINGS
BANK

McCURDY'S
OFFICE BUILDING
& RETAIL SHOPS

FLEET
BANK

LEGEND:

MC–06 SAMPLE LOCATION (POSITIVE)

MC–06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

WARNING

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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:
McCURDY'S BUILDING
MIDTOWN PLAZA
ROCHESTER, NEW YORK

DRAWING TITLE:
MAIN STREET SKYWALK
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.: 08–21–104
SHEET OF 10 10
FIGURE NO. BSL-10

J:\08\21104 - Midtown Plaza\CAD\SURVEY\BSL\MCCURDY SURVEY.DWG 9/10/2008 11:39:43 AM DPA

APPENDIX D:

PHOTOGRAPHIC LOG

IMG 1618

IMG 1624

IMG 1581

IMG 1620

IMG 1611

IMG 1595

IMG 1655 – duct insulation blocks

ACM Transite ceiling panels in basement

ACM Transite boards

APPENDIX E:

SEAR-BROWN GROUP
FRIABLE ASBESTOS CONTAINING MATERIALS SURVEY

FRIABLE ASBESTOS CONTAINING BUILDING MATERIALS SURVEY

McCURDY'S BUILDING
EAST MAIN STREET/MIDTOWN PLAZA
ROCHESTER, NEW YORK

JUNE 1992

Prepared for:

CHASE LINCOLN FIRST BANK, N.A.
ONE LINCOLN FIRST SQUARE
ROCHESTER, NEW YORK 14604

and

McCURDY & COMPANY, INC.

and

MARINE MIDLAND BANK, N.A.

and

CENTRAL TRUST COMPANY

Prepared by:

THE SEAR-BROWN GROUP, INC.
85 METRO PARK
ROCHESTER, NEW YORK 14623

Table of Contents

1.0 Introduction and Approach

Pursuant to an agreement with Chase Lincoln First Bank, N.A. and McCurdy & Company, Inc., The Sear-Brown Group has conducted a survey of friable asbestos-containing building materials (ACBM) within the McCurdy's Midtown facility, East Main Street, Rochester, N.Y. The Sear-Brown Group is a New York State licensed asbestos contractor (#AC-91-0910) and project personnel are New York State certified asbestos building inspectors and management planners.

The purpose of the survey was to: identify areas of the McCurdy Midtown facility where potential friable ACBM may exist; collect samples of suspect friable ACBM for laboratory analysis; markup floor plan drawings showing the locations of sampling locations; evaluate the condition and quantity of identified friable ACBM; assess the relative hazard presented by the friable ACBM; and provide a summary report with cost estimates for friable asbestos abatement.

The on-site survey was conducted on June 9, 10, 11, 12 and 15, 1992. Mr. Earl Denton of McCurdy's was the owner's on-site representative who assisted with the survey by providing historical information and access to building areas.

The hazard assessment was conducted using U.S. EPA protocols. Friable ACBM was evaluated both for its condition and its potential for disturbance. A score of 1, 2 or 3 was recorded for a material judged to be in good, fair or poor condition, respectively. A score of 1, 2 or 3 was also recorded for disturbance potential judged to be low, medium or high, respectively. Based on the values of these observations, the relative hazard presented by ACBM was determined using EPA's decision tree (see Figure 1). The relative hazards range from 1 to 7 (i.e. lowest to highest).

The response to ACBM hazards vary depending upon the hazard ranking obtained. Removal of ACBM may be chosen as a permanent solution to asbestos hazards - but it is not required. Encapsulation or enclosure may be done if they effectively seal in asbestos fibers.

As requested, The Sear-Brown Group estimated the costs for removal of the friable ACBM from the facility. Any proposed removal should be prioritized by using the above referenced hazard ranking system. Areas with a hazard rank of 7 should therefore be addressed first and areas with a hazard rank of 1 would be addressed last. Appendix D presents a summary of the EPA recommended response actions by hazard rank.

Estimates of the costs for removal of the friable ACBM were obtained by applying unit cost factors as presented in the 1992 "Means Facilities Cost Data", Seventh Edition, Construction Consultants and Publishers, Kingston, MA.

2.0 Survey Methods

Historical building plans and scale drawings of the current building configuration were obtained and reviewed prior to the site visit. A visual survey of the building spaces was conducted and the locations, types, conditions, and quantities of suspected friable ACBM were noted. A sampling strategy for the suspect friable ACBM was then devised using the visual survey information.

The physical survey of the building included bulk sampling of the suspect friable ACBM previously identified by the sampling plan. A total of 79 bulk samples were taken from areas that were visually identified to be contiguous with, and/or analogous to, other similar suspect friable ACBM within the structure. Bulk sampling was conducted in accordance with 12 NYCRR 56 and 29 CFR 1910.

Bulk samples were analyzed by Polarized Light Microscopy (PLM) using EPA Method 600/M4-82-020. Analysis of samples was performed by TES Environmental Corporation, Inc., which is certified by the NYSDOH and USEPA to perform such analyses.

3.0 Results and Discussion

The results of laboratory asbestos analysis of bulk samples are summarized in Table 1. The supporting documentation, Asbestos Bulk Sampling Data Sheets and the Laboratory Results, are presented in Appendices A & B, respectively. Marked up floor plans showing bulk sample locations are presented in Appendix C.

General statements about the asbestos content of building systems are difficult for a facility like McCurdy's. Extensive additions, repairs and alterations over a 90 year period have yielded a facility with little that can be reliably predicted.

Asbestos bearing fireproofing is present on structural members and as overspray on decking on all but the subbasement floor in the Northwest (NW) and Southeast (SE) additions. Certain areas of the NW and SE buildings have undergone abatement of fireproofing. These are shown on the drawings furnished by Midtown Holdings.

This friable material contains chrysotile asbestos and has a high potential for disturbance. Fireproofed beams have been enclosed in most areas using sheet rock enclosures or suspended ceilings. Extensive areas of overspray on decking and dislodged fireproofing on the top of suspended ceiling tiles were observed. Asbestos fireproofed areas were calculated to comprise 164,350 total square feet or 33.7% (i.e. 164,350/487,390) of the facility's total square footage.

Piping systems include domestic hot and cold water, chilled water supply and returns, and steam supply and returns. Generally, insulation on pipe joints, elbows, valves and tees contain a hard, trowelled on ACBM (7-24% asbestos).

In many areas, the straight runs of piping contain a soft, non-ACBM thermal insulation such as fiberglass or paper. However, the outer wrap of some of these systems is an ACBM canvas wrap (eg. sample C-SB-5: 10% chrysotile asbestos) or paper (eg. sample C-SB-6: 1% chrysotile asbestos). Pre-formed ACBM thermal insulation was generally observed on older piping systems such as the defunct compressor, steam supply and return lines, and defunct steam lines left in walls and pipe chases. It is difficult to characterize the ACBM content of aircell pipe insulation. For example, of the four samples of chilled water aircell insulation, two were non-ACBM and two were ACBM. The condition of thermal piping insulation varies widely. In some areas, all ACBM has been removed and replaced by fiberglass with PVC covers. In many areas, ACBM piping insulation is in poor condition, having: lost its wrapping; been dislodged; and fallen to the floor. High vibration levels and air currents (especially in pipe chases) adds to the potential for ACBM disturbance in a number of different areas.

Sear-Brown observed and quantified approximately 7,855 linear ft. of ACBM piping insulation. This quantity is not all inclusive. There are piping systems that are hidden from view throughout the facility. These pipes can run above ceilings, within walls and columns and within inaccessible pipe chases. Therefore, without destructive testing, the total footage of ACBM pipe insulation which is hidden from view cannot be determined.

4.0 Removal Cost Estimate

Table 2 presents the results of the hazard assessment for the various friable ACBM and a summary of estimated costs for removal of friable ACBM. The friable ACBM have also been categorized as those needing immediate attention, delayed attention and deferred attention. A list of notes and assumptions used in obtaining estimated costs are provided as an attachment to Table 2.

Our estimate of the probable cost for the complete removal of all observed friable ACBM in the facility is $4,454,483. Complete removal of friable ACBM with a hazard rank of 6 or 7 has a probable cost of $4,316,540. Complete removal of friable ACBM with a hazard rank of 4 or 5 has a probable cost of $104,143. Complete removal of friable ACBM with a hazard rank of 1, 2 or 3 has a probable cost of $33,797.

Please note that these are estimates only; as such they are useful for preparing preliminary budgets only. Contractor cost estimates vary, and abatement contractors could very well provide bid estimates higher or lower than the costs estimated by Sear-Brown using the historic "Means" data. In particular the current competitive asbestos industry climate may result in lower bids than historic data would suggest.

There is no current regulation requiring removal of ACBM in non-school public buildings. However, if removal of hazardous ACBM is not planned, an effective means of managing the ACBM must be implemented. Repair, enclosure or encapsulation of friable ACBM can effectively contain asbestos fibers if done in conjunction with an effective Operations and Maintenance (O&M) Program.

Tables

Table 1 - Friable Asbestos Containing Building Materials Survey Results - McCurdy's Midtown

Sample No.*	Location	Description	Asbestos Content %**	Asbestos Content type***
C-SB-1	Chiller Room	Condensate Pipe Joint	16	C
C-SB-2	Chiller Room	Chilled Water Aircell	ND	NA
C-SB-3	Chiller Room	Chilled water pipe wrap (brown)	ND	NA
C-SB-4	Chiller Room	Chiller pump elbow	15	C
C-SB-5	Chiller Room	Chiller pump wrap (canvas)	10	C
C-SB-6	Chiller Room	Chiller pump wrap (paper)	1	C
C-SB-7	Chiller Room	Compressor valve	16	C
C-SB-8	Chiller Room	Compressor valve wrap (canvas)	ND	NA
C-SB-9	Chiller Room	Compressor pipe (preform)	12	A
C-SB-10	Housekeeping	Duct insulation	20	C
C-SB-11	Carpenter Shop	Domestic hot water joint	15	C
SE-SB-1	Overhead piping	Condensate return joint	25	C
SE-SB-2	Overhead piping	Chilled water supply joint	20	C
SE-SB-3	Overhead piping	Chilled water return joint	15	C
SE-SB-4	Overhead piping	Steam supply tee	18	C
C-B-1	SW Stair Chase	Chilled water supply joint	14	C
C-B-2	SW Stair Chase	Chilled water aircell	ND	NA
C-B-3	SW Stair Chase	Steam supply preform	17	C
C-B-4	Hallway	Duct insulation	12	C
NW-B-1	Budget Store (above ceiling)	Steam supply preform	15 12	C A
NW-B-2	Budget Store (above ceiling)	Spline ceiling tile	ND	NA
M-B-1	Vacant Area	Domestic cold water elbow	ND	NA
M-B-2	Vacant Area	Steam supply preform	21	C
M-B-3	Vacant Area	Steam supply elbow	18/6	C/A
M-B-4	Vacant Area	Paper/Aluminum wrap	ND	NA
M-B-5	Vacant Area	Pipe joint	13	C
M-B-6	Vacant Area	Pipe elbow	18	C
M-B-7	Vacant Area	Pipe aircell	10	C
M-B-8	Vacant Area	Chilled water pipe aircell	16	C
M-B-9	Vacant Area	Chilled water return elbow	9	C
H-B-1	Vacant Area	Steam return pipe aircell	17	C
H-B-2	Mechanical room	Chilled water supply pipe	6	C
E-B-1	Riser C	Pipe elbow	ND	C
E-B-2	Riser C	Steam supply preform	15	C

Table 1 - Friable Asbestos Containing Building Materials Survey Results - McCurdy's Midtown (Cont'd)

Sample No.*	Location	Description	Asbestos Content %**	type***
E-B-3	Riser C	Pipe elbow	7	C
E-B-4	Riser C	Steam return canvas wrap	6	C
E-B-5	Riser C	Ceiling Plaster	ND	NA
SE-B-1	Receiving	Fireproofing on wall	16	C
SE-B-2	Receiving	Fireproofing on ceiling	3	C
SE-B-3	Loading dock	Fireproofing on ceiling	24	C
SE-B-4	Loading dock	Steam supply elbow	18	C
SE-B-5	Loading dock	Steam return elbow	20	C
SE-B-6	Loading dock	Pipe elbow	23	C
M-1-1	Hosiery (Riser B)	Pipe preform	27	C
E-1-1	Stock room (Riser C)	Pipe joint	13	C
E-1-2	Stock room (Riser C)	Chiller water pipe joint	15	C
E-1-3	Stock room (Riser C)	Duct insulation	ND	NA
NW-1-1	Stockroom	Ceiling tile	ND	NA
NW-1-2	Window display	Fireproofing on deck	17	C
M-2-1	Petites Dressing room	Ceiling tile	ND	NA
NW-2-1	Near Stairwell	Fireproofing	15	C
SE-2-1	Hallway to kitchen	Ceiling tile	ND	NA
NW-3-1	Linens Stock Room	Ceiling tile	ND	NA
NW-3-2	Linens Stock Room	Fireproofing	24	C
C-4-1	Stairwell	Firedoor core	15	C
C-4-2	Hallway	Steam riser preform	21/4	C/A
C-4-3	Hallway	Water drain pipe joint	20	C
NW-4-1	Accounting	Fireproofing overspray on deck	25	C
M-4-1	HS&E Backroom	Chilled water return aircell	12	C
M-4-2	HS&E Backroom	Chilled water supply rockwool	ND	NA
M-4-3	HS&E Column	Browncoat	ND	NA

Table 1 - Friable Asbestos Containing Building Materials Survey Results - McCurdy's Midtown (Cont'd)

Sample No.*	Location	Description	Asbestos Content %**	Asbestos Content type***
M-4-4	HS&E Column	Scratch coat	ND	NA
M-4-5	HS&E Column	Surface Plaster	ND	NA
SE-4-1	NE corner	Fireproofing on wall	18	C
SE-4-2	SE Stairwell	New fireproofing	5	C
SE-5-1	Utility room	Fireproofing	20	C
C-5-1	Utility access off SW stairwell	Paper/Aluminum/fiber wrap	ND	NA
M-5-1	NW corner	Ceiling plaster	ND	NA
E-5-1	Riser C	Canvas wrap	ND	NA
SE-6-1	Power Room	Firepoofing	14	C
C-6-1	SW Stairwell Chase	Steam line preform	18/12	C/A
C-6-2	SW Stairwell Chase	Pipe elbow	6	C
NW-6-1	Near NW Stairwell	Pipe tee	ND	C
NW-6-2	Records Storage	Fireproofing	17	C
M-6-1	Near Riser A	Ceiling plaster	ND	NA
E-6-1	Riser C	Pipe elbow	22	C
SE-6-2	SE Stairwell Chase	Fireproofing	10	C

Notes: * Sample Numbering scheme: Building - floor - #
NE=Northeast, M=McCurdy's, H=Harris, E=Euclid, C=Cortland, SE=Southeast

** ND = Not detected

*** C = Chrysotile
A = Amosite
NA = Not applicable

Table 2.

SPACE ID	L, ft	PREDVO &M
NW-6 FP+Ls	164	$0
M-6 RISER A Ls	10	3,819
M-6 RISER B Ls	10	3,819
E-6 RISER C Ls	10	$0
C-6 STAIR	10	$0
SE-6	114	$0
NW-5 FP	164	$0
M-5 RISER A Ls	10	$0
M-5 RISER B Ls	10	3,819
E-5 RISER C Ls	10	$0
C-5 STAIR	10	7,489
SE-5	114	$0
NW-4 FP	164	$0
M-4 RISER A Ls	10	3,819
M-4 HS&E BACK ROOM	7	$0
E-4 RISER C AREA	8	$0
C-4 STAIR	10	$0
C-4 ELEV HALL	7	$0
SE-4	114	$0
NW -3 FP	164	$0
M-3 RISER A	10	$0
M-3 RISER B	10	$0
E-3 RISER C	10	$0
C-3 STAIR	10	$0
SE-3	114	$0
NW -2 FP	164	$0
M-2 RISER A	10	$0
M-2 RISER B	10	$0
E-2 RISER C	10	$0
C-2 STAIR AREA	35	$0
SE-2 FP & ACOUSTIC	114	$0
NW-1	164	$0
M-1 RISER A	10	$3,839
M-1 RISER B	10	$0
E-1 RISER C AREA	14	$0
C-1 STAIR AREA	35	$7,193
SE-1 FP AREA 1	114	$0
SE-1 FP AREA 2	69	$0
NW-B	164	$0
M-B RISER A &B AREA	164	$0
H-B	94	$0
E-B RISER C AREA	50	$0
E-B EAST AREA	55	$0
C-B STAIR AREA	36	$0
C-B BAKERY AREA	22	$0
SE-B	114	$0
M-SB & E-SB	33	$0
C-SB BOILER ROOMS	15	$0
C-SB HOUSEKEEPING	32	$0
C-SB ENGINEERING	50	$0
C-SB CARPENTER	38	$0
SE-SB	10	$0
TOTALS	182720	$33,797

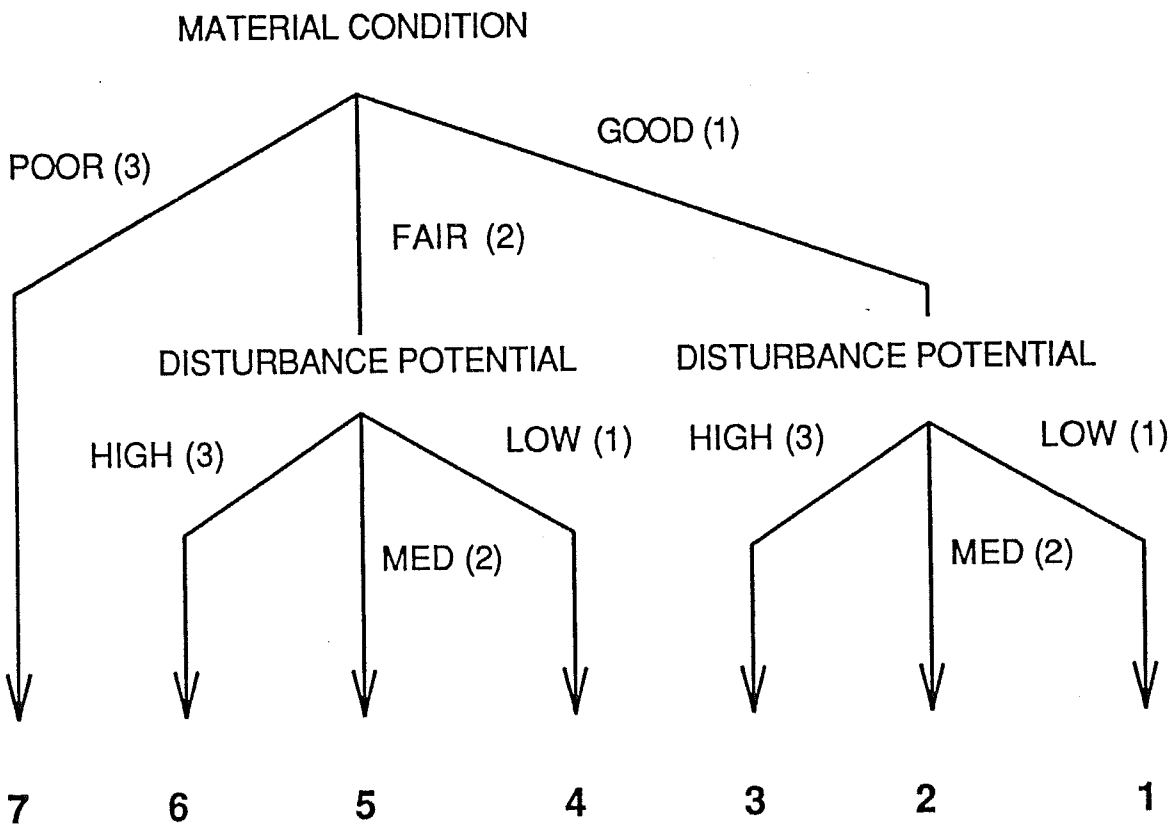
KEY:
NW=NORTHWEST BLDG
M=MCCURDY BLDG
H=HARRIS BLDG
FP=FIREPROOFING

Removal Cost Estimate Notes and Assumptions

1. NW-6th includes 10 elbows, and FP but does not include previous abatement area in sq. ft. calculation.
2. M-5 Elbows (Ls) to be removed in a 10'x10'x14' containment area, there are 10 Ls (M-6-1, and M-5-1 not ACBM).
3. H-6.5 no ACBM in Harris.
4. All riser containments local with dimensions of 10'x10'x14'; assume at least 10 Ls.
5. Length is N-S dimension; Width is E-W dimension; Heights are assumed to be 14 ft.
6. Ls worth 1 LF pipe; tees worth 2 LF pipe.
7. "Encapsulated Fireproofing (FP) as defined in Midtown drawings" to be removed.
8. Overspray areas count as fully sprayed for FP removal.
9. "Canvas wrap", "aluminum (Al) on fiberglass (fg)" paper wraps assumed non-ACBM (Note: some canvas wraps are ACBM).
10. Piping not observed in NW-4.
11. E-4 Riser C area. Incomplete FP abatement counted as full FP.
12. Mobilization: $500 for pipe of low difficulty; $750 for FP of high difficulty, $1,000 for complex areas.
13. Executive offices in SE-4 contain no ACBM; Rest of SE-4 ACBM FP.
14. Riser removal areas (especially A) considered separate containment areas.
15. All ceiling tiles are non-ACBM.
16. C-1 stair area (not accessible) similar to C-2 stair area.
17. Reverse F shaped deck area in SE-1 non-ACBM.
18. Cost estimation data from Means. Clean, remove and prep rates as per Means.
19. Pipe removal rates not specified by size; averages were used.
20. Disposal cost: assumed to be $100/cy.
21. Prep costs include fire retardant poly: 2x cost of non-fire retardant poly.
22. Costs are for removal & disposal only. Many costs not considered such as: reinsulation, air monitoring, insurance, notification fees, etc.

Figures

FIGURE 1. U.S. EPA ASBESTOS HAZARD ASSESSMENT DECISION TREE.



Source: Keyes, D., Price, B. and J. Chesson: "Guidance for Assessing and Managing Exposure to Asbestos in Buildings." U.S. EPA. Seventh Draft. 1986

Appendix A

Asbestos Bulk Sampling

Data Sheets

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C
DESCRIPTION	chiller supply + return piping

Unit Cooler SB-A →

SAMPLE #	C-SB-1 ✓	C-SB-2	C-SB-3 ✓	C-SB-4 ✓	C-SB-5 ✓
LOCATION #	chiller room	chiller room	chiller room	chiller pump	chiller pump
SAMPLE TYPE	joint, waste condensate	aircell	wrap	elbow mud	canvas wrap
MATERIAL CONDITION	poor	poor	fair	poor	fair
FRIABILITY	high	med	low	high	med
DISTURBANCE POTENTIAL	high	high	med	high	high
Quantity, dia	7 joints painted blue	14', 2" dia old canvas wrap	150', 10" header old brown paper wrap, Al backing	25 joints 10" mud over glas. orange paint	150', 10" header f.glas under neath

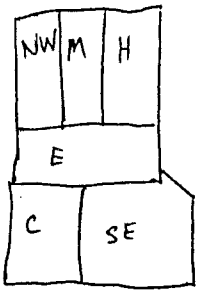
RESULTS					
% ASBESTOS	16	ND	ND	15	10
TYPE ASBESTOS	chry			chry	chry
% OTHER					
TYPE OTHER					

another unit cooler by old compressor

unit cooler by pumps another 30', 10 j

	CERTIFICATE NO:
SAMPLED BY: JDT	92-0116
DATE: 6/8/92	pg. 1 of 6

THE SEAR-BROWN GROUP



Sample #
Bldg - Floor - #
eg. NW-4-2

Buildings
NW
M
H
E
C
SE

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C
DESCRIPTION	

SAMPLE #	C-SB-6	C-SB-7	C-SB-8	C-SB-9	C-SB-10
LOCATION #	Chiller pump (mid)	old compressor	old compressor	old compressor	duct insulation
SAMPLE TYPE	wrap	mud joint	canvas wrap	preform	mud
MATERIAL CONDITION	good	poor	poor	fair-poor	poor
FRIABILITY	low	high	med	high	high
DISTURBANCE POTENTIAL	high	high	high	med	high
Quantity	50', 10"	12 joints, 10"	40', 10"	150', 4"	40 x 15 x ½
	newer rein. paper Al. backing	large valve on compressor		disconnected steam line?	½" thick
RESULTS					
% ASBESTOS	1	16	ND	12	20
TYPE ASBESTOS	Chry	chry		Amo	chry
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/9/92	pg. 2 of 6

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C
DESCRIPTION	

	✓	✓	✓	✓	✓
SAMPLE #	C-SB-11	SE-SB-1	SE-SB-2	SE-SB-3	SE-SB-4
LOCATION #	carpenter shop	in front of rest rooms	in front of rest rooms	in front of restrooms	in front of rest rooms
SAMPLE TYPE	Dom Hot Hw J.	~~congenital~~ elbow return	chilled water supply wat elbow	chilled water return line elbow	steam at tee
MATERIAL CONDITION	poor	~~poor~~	poor	poor	poor
FRIABILITY	high	high	high	high	high
DISTURBANCE POTENTIAL	low	low	low	low	low
Quantity	see dwg	12 elbows (1 damaged) small	5 elbows (1 damaged) large	2 elbows mud over fiberglass	10 tee's mud
	f.glas runs, old canvas wrap				
RESULTS					
% ASBESTOS	15	17	20	15	18
TYPE ASBESTOS	chry	chry	chry	chry	chry
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/9/92	pg. 3 of 6

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C6
DESCRIPTION	

SAMPLE #	C-4-1	~~SE-4-1~~ C-4-2	C-4-3	NW-4-1	M-4-1
LOCATION #	SW stairwell fire door	hallway outside paper storage	drain on former drink fountain	N. end accounting ~~beam overspray~~	H5+6 back rm
SAMPLE TYPE	fire door insulation	pre-form pipe insul.	joint	beam overspray	chilled (return?) air cell
MATERIAL CONDITION	good except for penetrations	poor	poor	poor	poor
FRIABILITY	medium	high	high	high	high

DISTURBANCE POTENTIAL	high	high	high	high	high
Quantity	3½'x7'x1½" (~32 doors)	10'x2" pipe steam riser	1 joint pipe buried in wall, joint exposed	NW addition entire floor on deck + ceiling tile in suspended ceiling (separate from deck)	10' small

RESULTS					
% ASBESTOS	15	21	20	25	12
TYPE ASBESTOS	chry	chry	chry	chry	chry
% OTHER		4			
TYPE OTHER		Amo			

	CERTIFICATE NO:
SAMPLED BY: JOT	
DATE: 6/9/92 pg. 4 of 6	

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Mid town
PROJECT #	8664C
DESCRIPTION	

SAMPLE #	M-4-2	M-4-3	M-4-4	M-4-5	SE-4-1
LOCATION #	HS+E back room	HS+E pillar/column	HS+E column	HS+E column	northeast corner
SAMPLE TYPE	chilled supply rock wool	brown coat	scratch coat	surface coat	spray-on exterior wall
MATERIAL CONDITION	poor	poor	poor	poor	poor
FRIABILITY	high	high	high	high	high
DISTURBANCE POTENTIAL	high	high	high	high	high
Quantity	8' small	40 s.f.	40 s.f.	40 s.f.	corner area (carded on drag)

no picture — quantity is what is friable now — air currents

RESULTS					
% ASBESTOS	ND	ND	ND	ND	18
TYPE ASBESTOS					chry
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/9/92	

pg. 5 of 6

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C8
DESCRIPTION	

SAMPLE #	SE-4-2				
LOCATION #	adjacent to southeast stairwell				
SAMPLE TYPE	spray-on from upper wall				
MATERIAL CONDITION	poor				
FRIABILITY	high				

DISTURBANCE POTENTIAL	high				
Quantity	majority of SE bldg				

RESULTS					
% ASBESTOS	5				
TYPE ASBESTOS	chry				
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 4/9/92	pg 6 of 6

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C
DESCRIPTION	

SAMPLE #	C-B-1	C-B-2	C-B-3	NW-B-1	NW-B-2
LOCATION #	chase outside sw stairwell	chase outside sw stairwell	chase outside sw stairwell	above suspended ceiling	ceiling
SAMPLE TYPE	mud from chilled water	air cell from chilled water	preformed steam line	preform of old steam line	spline tile
MATERIAL CONDITION	poor	poor	poor	good except for tear	fair
FRIABILITY	high	high	high	low except for tear	low except for holes Cut in

DISTURBANCE POTENTIAL	high	high	high	low	high
Quantity	5' large pipe (18" O.D.) cross-connect lines to Midtown	16' small pipe (4" O.D.)	20'+ small (visible here) 2 steam, 1 dom. water	small length of area 5x width of area 5x	47' x 112' (max. dimensions)

RESULTS					
% ASBESTOS	14	ND	17	15	ND
TYPE ASBESTOS	Chry		Chry	Chry	
% OTHER			10	12	
TYPE OTHER			amo	Amo	

5%
30

820+
245

	CERTIFICATE NO:
SAMPLED BY: JOH	
DATE: 6/10/92	1 of 4

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C
DESCRIPTION	

?

SAMPLE #	M-B-1	M-B-2	M-B-3	M-B-4	M-B-5
LOCATION #	unfinished north area	unfinished north area	unfinished north area	unfinished north area	unfinished north end } near Riser A
SAMPLE TYPE	elbow mud on dom ~~water~~ ?	preform on defunct steam line	elbow mud on elbow off M-B-2	paper alum. over fig on pipe	joint mud on M-B-4
MATERIAL CONDITION	fair	fair	poor	fair	poor
FRIABILITY	high	high	high	medium	high
DISTURBANCE POTENTIAL	high	high	high	high	high
Quantity	28 elbows (on 3 parallel pipes) w/paper alum. over fig. - 3@175 (dom. water)	25' large 8" o.d. runs north-south	1 elbow falling on to floor	300+ ft large extends out ~~into~~ across lg. unfinished area	15+ elbows

RESULTS					
% ASBESTOS	ND	21	18	ND	13
TYPE ASBESTOS		Chry	Chry		Chry
% OTHER			6		
TYPE OTHER			Amo		
				samp 350	samp 20

	CERTIFICATE NO:
SAMPLED BY: JOT	
DATE: 6/10/92 2054	

THE
SEAR-BROWN
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ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C
DESCRIPTION	

SAMPLE #	M-B-6	M-B-7	M-B-8	M-B-9	H-B-1
LOCATION #	unfinished north end Riser A	unfinished north end Riser A	unfin. north end Riser A	unfinished north end Riser A	northeast vacant area
SAMPLE TYPE	mudon elbow at riser A	aircell on defunct small pipe	paper aircell on chiller drain	mud on chiller return	aircell on condensate drain
MATERIAL CONDITION	poor	poor	locally poor	locally poor	poor
FRIABILITY	high	high	low	high	high

DISTURBANCE POTENTIAL	high	high	high	high	high
Quantity	7 elbows large	10' small	<10' sm	5 elbows 5 joints	80' small

highly disturbed at riser

falling off roof
Additional 20' suspect ACM under fig. wrap

RESULTS					
% ASBESTOS	18	10	16	9	17
TYPE ASBESTOS	Chry	Chry	Chry	Chry	Chry
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/10/92	3 of 4

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C6
DESCRIPTION	

SAMPLE #	H-B-2	E-B-1	E-B-2	~~E-B-3~~	
LOCATION #	chill water supply on A/C	at Riser C	s.e. corner Elm St bldg	near Riser C	
SAMPLE TYPE	mud over paper on fg ~~fg~~	mud on elbow — defunct pipe	preform on steam pipe	mud on elbows	
MATERIAL CONDITION	poor	poor	poor	poor	
FRIABILITY	high	high	high	high	

DISTURBANCE POTENTIAL	high	high	high	~~high~~	
Quantity	~~5~~ elbows ~~fg~~	2 elbows	~~4~~ 4ft large	4 elbows	
	9 elbows in storage area	pipe is canvas on fg.	steam main is canvas on pre-form	pipe is cloth on fg - small	

RESULTS					
% ASBESTOS	6	ND	15		
TYPE ASBESTOS	chry		chry		
% OTHER			10		
TYPE OTHER			AMO		

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/10/92	4 of 4

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Mid town
PROJECT #	8664C
DESCRIPTION	

SAMPLE #	E-B-3	E-B-4	E-B-5	SE-B-1	SE-B-2
LOCATION #	near Riser C	steam main + condensate near Riser C	storage room at Riser C	Receiving N.E. corner	Receiving N.E. corner
SAMPLE TYPE	mud on elbow	canvas on paper on cond. return	white ceiling plaster	spray-on from upper wall	spray-on from beams + ceiling
MATERIAL CONDITION	poor	fair	poor	fair	fair
FRIABILITY	high	medium	high	high	high

DISTURBANCE POTENTIAL	high	high	high	moderate	high
Quantity	4 elbows	45' small	50'x50' room	3'x50'	receiving area ceiling
	pipe is cloth on fg. - 5' small	plus 25' on steam main	on floor AFU	looks old	50'x80'

RESULTS					
% ASBESTOS	7	6	ND	16	3
TYPE ASBESTOS	Chry	Chry		Chry	Chry
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/11/92	

1 of 4

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C
DESCRIPTION	

					*
SAMPLE #	SE-B-3	SE-B-4	SE-B-5	SE-B-6	C-B-4
LOCATION #	NE corner loading dock	NE area loading dock	NE area loading dock	NW corner loading dock	hallway to loading dock
SAMPLE TYPE	ceiling spray-on	mud elbow on large steam supply	mud elbow on typical steam return	mud elbow, typical	white plaster
MATERIAL CONDITION	poor	poor	poor	poor	fair (cracks)
FRIABILITY	high	high	high	high	moderate
DISTURBANCE POTENTIAL	high at access points	high	high	high	high
Quantity		~50 elbows	~25 elbows	10 damaged elbows	120 s.f.
	all covered w/access panels Looks old	~20% are damaged Total ~ 50 elbows ↖ ~75 in system	~20% are damaged Total ~25 elbows ↗	very poor condition. Plus 30 good cond. elbows	
RESULTS					
% ASBESTOS	24	18	20	23	12
TYPE ASBESTOS	chry	chry	chry	chry	chry
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JOT	
DATE: 6/11/92 2 of 8 4	

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Mid town
PROJECT #	8664 C~~A~~
DESCRIPTION	

SAMPLE #	M-1-1	E-1-1	E-1-2	E-1-3	NW-1-1
LOCATION #	Riser B at 1st floor hosiery	Riser C in stock rm.	Riser C in stock rm	Riser C in stock rm	NW corner stockroom
SAMPLE TYPE	preform on pipe	mud on joint - tray 1 not typical	mud on joint - sm. chiller w. pipes	duct insul. canvas on f.g.	ceiling tile - 3 piece
MATERIAL CONDITION	poor	poor	poor	poor	good
FRIABILITY	high	high	high	high	moderate

DISTURBANCE POTENTIAL	high	high	high	high	low
Quantity	20 ft this floor - appears to go all the way up	~2 elbows	~15 elbows strong air currents	~90 s.f.	NW Addn Bldg

RESULTS	"85% magnesia"				
% ASBESTOS	27	13	15	ND	ND
TYPE ASBESTOS	Chry	Chry	Chry		
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/11/92	3 of 4

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Mid town
PROJECT #	8664C
DESCRIPTION	

SAMPLE #	NW-1-2	C-B-S			
LOCATION #	NW display window	chase N of SW stairwell			
SAMPLE TYPE	spray-on ~~ceiling deck beam~~	canvas over brown paper			
MATERIAL CONDITION	poor	good			
FRIABILITY	high	~~medium~~			

DISTURBANCE POTENTIAL	high	high (air flow)			
Quantity	deck of NW addn	~~height of bldg~~ small return air plenum	pipe see 6/12		

RESULTS					
% ASBESTOS	17				
TYPE ASBESTOS	Chry				
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/11/92	4 of 4

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664CE
DESCRIPTION	

SAMPLE #	SE-6-1	C-6-1	C-6-2	NW-6-1	NW-6-2
LOCATION #	power Room	sw stairwell into accesspan	sw stairwell into access	~~mud~~ in ceiling, i.e. of NW stairwell	records storage area in Deposit Opns
SAMPLE TYPE	spray-on from beam	pre-form canvas covered on defunct line	mudded elbow	mud from tee, ~~etc.~~ of ~~NW stairwell~~	spray-on from beams + deck
MATERIAL CONDITION	poor	poor	fair	1 poor 9 good	poor
FRIABILITY	high	high	high	high	high

DISTURBANCE POTENTIAL	high	high	in stairwell - medium in chase - high	high	high
Quantity	Beams in SE Addition	10 ft large	4 elbows	10 elbows	All but center portion of NW Addn (see floor plan)
	* return air plenum. ACM falling on c.tiles. Only on beams	probably defunct steam	2 of 3 elbows in stairwell are damaged	high air flow *	high air flow *
RESULTS					
% ASBESTOS	14	18	6	ND	17
TYPE ASBESTOS	C	C	C		C
% OTHER		12			
TYPE OTHER		A			

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/12/92 1 of 3	

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664 C
DESCRIPTION	

SAMPLE #	M-S-1	E-S-1	C-B-S		
LOCATION #	ceiling near NW corner McCurdy's bldg	Riser C	chase N of SW stairwell		
SAMPLE TYPE	ceiling plaster	canvas on fig.	canvas over brown paper		
MATERIAL CONDITION	good	fair	good		
FRIABILITY	moderate	moderate	medium		

DISTURBANCE POTENTIAL	high	moderate	high (airflow)		
Quantity	McCurdy's bldg (+others) high air flow *	1 small - 5' 1 large - 15' + (keeps going)	height of bldg small pipe		

RESULTS			25		
% ASBESTOS	ND	ND	16		
TYPE ASBESTOS			Chry		
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/12/92	3 of 3

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Mid town
PROJECT #	8664C
DESCRIPTION	

SAMPLE #	M-6-1	E-6-1	SE-6-2	SE-5-1	C-5-1
LOCATION #	in ceiling next to Riser A	Riser C	riser next to S.E. stairwell	utility room next to CL elevators	utility access off SW stairwell
SAMPLE TYPE	ceiling plaster	mud elbow	spray-on support structure	spray-on from beam (overspray)	paper/aluminum on fiberglass
MATERIAL CONDITION	poor	poor	poor	poor	good
FRIABILITY	high	high	high	high	moderate
DISTURBANCE POTENTIAL	high	low	high	moderate here	high
Quantity	McCurdy's Bldg over suspended ceiling high air flow - return air plenum	1 elbow 1 tee ducted return	[illegible] 3 s.f. strong air current		air flow on chilled water - large AFU!
RESULTS					
% ASBESTOS	ND	22	10	20	ND
TYPE ASBESTOS		C	C	C	
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/12/92	

THE
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ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Mid town
PROJECT #	8664C
DESCRIPTION	

SAMPLE #	M-2-1	NW-2-1	SE-2-1	NW-3-1	NW-3-2
LOCATION #	Patites dressing room	outside NW stair well	hallway into kitchen	linens stockroom	linens stockroom
SAMPLE TYPE	spline ceiling tile	ceiling spray-on	spline ceiling tile	spline ceiling tile	spray-on from beam
MATERIAL CONDITION	good	poor	poor	good	poor
FRIABILITY	high	high	high	high	high
DISTURBANCE POTENTIAL	medium	high	high	high	high
Quantity	Harris, McC NW + Elmst buildings	NW Addition	~12 s.f. (another 30 s.f. in office at Riser)	NW bldg except stockrooms	NW bldg
	condition locally poor	airflow - returns not ducted *	Cut holes *	breezy *	high air movement *

RESULTS					
% ASBESTOS	ND	15	ND	ND	24
TYPE ASBESTOS		C		M	C
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/15/92	1 of 2

THE
SEAR-BROWN
GROUP

ASBESTOS BULK SAMPLING DATA SHEET

PROJECT NAME	McCurdy's Midtown
PROJECT #	8664C
DESCRIPTION	

SAMPLE #	H-3-1				
LOCATION #	weight watchers entrance				
SAMPLE TYPE	spline ceiling tile				
MATERIAL CONDITION	good				
FRIABILITY	medium				

DISTURBANCE POTENTIAL	medium				
Quantity	Harris Bldg (incl. above new ceiling in W tw Watchers)				

RESULTS					
% ASBESTOS					
TYPE ASBESTOS					
% OTHER					
TYPE OTHER					

	CERTIFICATE NO:
SAMPLED BY: JDT	
DATE: 6/15/92	

2 of 2

THE
SEAR-BROWN
GROUP

Appendix B

Laboratory Results

T.E.S. ENVIRONMENTAL CORP.

POLARIZED LIGHT WITH DISPERSION STAINING
BULK SAMPLE ANALYSIS

CLIENT: THE SEAR-BROWN GROUP
85 Metro Park
Rochester, NY 14623
ATTN: Mr. Jeff Tallon

PROJECT:

SAMPLE ID	TES #	SAMPLE LOCATION	SAMPLE DESCRIPTION	ASBESTOS TYPE	PERCENT ASBESTOS
#C-4-1	92B-299-1	N/A	Homogeneous, Gray	Chrysotile	15%
#C-4-2	92B-299-2	N/A	Homogeneous, White	Chrysotile Amosite	21% 04%
#C-4-3	92B-299-3	N/A	Homogeneous, Gray	Chrysotile	20%
#NW-4-1	92B-299-4	N/A	Homogeneous, Gray	Chrysotile	25%
#M-4-1	92B-299-5	N/A	Homogeneous, Gray	Chrysotile	12%
#C-SB-6	92B-299-6	N/A	Homogeneous, Gray	Chrysotile	01%
#C-SB-7	92B-299-7	N/A	Homogeneous, Gray	Chrysotile	16%
#C-SB-8	92B-299-8	N/A	Homogeneous, Brown, Gray	Non-Detected	
#C-SB-9	92B-299-9	N/A	Homogeneous, Gray	Amosite	12%
#C-SB-10	92B-299-10	N/A	Homogeneous, Gray	Chrysotile	20%
#SE-4-2	92B-299-11	N/A	Homogeneous, Beige	Chrysotile	05%
#M-4-2	92B-299-12	N/A	Homogeneous, Tan	Non-Detected	
#M-4-3	92B-299-13	N/A	Homogeneous; Gray	Non-Detected	
#M-4-4	92B-299-14	N/A	Homogeneous, White	Non-Detected	
#M-4-5	92B-299-15	N/A	Homogeneous, White	Non-Detected	
#SE-4-1	92B-299-16	N/A	Homogeneous, White	Chrysotile	18%
#C-SB-11	92B-299-17	N/A	Homogeneous, Gray	Chrysotile	15%

1080 University Avenue, Rochester, New York 14607
(716)473-3660 Fax(716)473-3775 1-800-952-5952

SAMPLE ID	TES #	SAMPLE LOCATION	SAMPLE DESCRIPTION	ASBESTOS TYPE	PERCENT ASBESTOS
#SE-SB-1	92B-299-18	N/A	Homogeneous, Beige	Chrysotile	17%
#SE-SB-2	92B-299-19	N/A	Homogeneous, Beige	Chrysotile	20%
#SE-SB-3	92B-299-20	N/A	Homogeneous, Beige	Chrysotile	15%
#SE-SB-4	92B-299-21	N/A	Homogeneous, Beige	Chrysotile	18%
#C-SB-1	92B-299-22	N/A	Homogeneous, Beige	Chrysotile	16%
#C-SB-2	92B-299-23	N/A	Homogeneous, Brown	Non-Detected	
#C-SB-3	92B-299-24	N/A	Homogeneous, Brown	Non-Detected	
#C-SB-4	92B-299-25	N/A	Homogeneous, Gray	Chrysotile	15%
#C-SB-5	92B-299-26	N/A	Homogeneous, Gray	Chrysotile	10%

Sample collection not performed by T.E.S., Corp.

Analyst: M. Fleming Date: _____

Laboratory Director: _____ Date Recd: June 10, 1992

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

FURTHER REFERENCE: "Bulk Analysis For Asbestos Content: Evaluation of the Tentativ Method"--EPA publication EPA-6--/4-82-021 April 1982.

T.E.S. ENVIRONMENTAL CORP.

POLARIZED LIGHT WITH DISPERSION STAINING
BULK SAMPLE ANALYSIS

CLIENT: THE SEAR-BROWN GROUP
85 Metro Park
Rochester, NY 14623
ATTN: Mr. Jeff Tallon

PROJECT:

SAMPLE ID	TES #	SAMPLE LOCATION	SAMPLE DESCRIPTION	ASBESTOS TYPE	PERCENT ASBESTOS
#E-B-3	92B-305-1	N/A	Homogeneous, White	Chrysotile	07%
#E-B-4	92B-305-2	N/A	Homogeneous, Tan, White	Chrysotile	06%
#E-B-5	92B-305-3	N/A	Homogeneous, White	Non-Detected	
#SE-B-1	92B-305-4	N/A	Homogeneous, Gray	Chrysotile	16%
#SE-B-2	92B-305-5	N/A	Homogeneous, Beige	Chrysotile	03%
#SE-B-3	92B-305-6	N/A	Homogeneous, Gray	Chrysotile	24%
#SE-B-4	92B-305-7	N/A	Homogeneous, Gray	Chrysotile	18%
#SE-B-5	92B-305-8	N/A	Homogeneous, Gray	Chrysotile	20%
#SE-B-6	92B-305-9	N/A	Homogeneous, Beige	Chrysotile	23%
#C-B-4	92B-305-10	N/A	Homogeneous, Gray	Chrysotile	12%
#C-B-5	92B-305-11	N/A	Homogeneous, Gray, Tan	Chrysotile	16%
#M-1-1	92B-305-12	N/A	Homogeneous, Gray	Chrysotile	27%
#E-1-1	92B-305-13	N/A	Homogeneous, Beige	Chrysotile	13%
#E-1-2	92B-305-14	N/A	Homogeneous, Gray	Chrysotile	15%
#E-1-3	92B-305-15	N/A	Homogeneous, Black	Non-Detected	
#NW-1-1	92B-305-16	N/A	Homogeneous, Gray	Non-Detected	
#NW-1-2	92B-305-17	N/A	Homogeneous, Gray	Chrysotile	17%

Sample collection not performed by T.E.S., Corp.

Analyst: M. Fleming Date: _____

Laboratory Director: _____ Date Recd: June 12, 1992

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

FURTHER REFERENCE: "Bulk Analysis For Asbestos Content: Evaluation of the Tentati
Method"--EPA publication EPA-6--/4-82-021 April 1982.

T.E.S. ENVIRONMENTAL CORP.

POLARIZED LIGHT WITH DISPERSION STAINING
BULK SAMPLE ANALYSIS

CLIENT: THE SEAR-BROWN GROUP
85 Metro Park
Rochester, NY 14623
ATTN: Mr. Jeff Tallon

PROJECT:

SAMPLE ID	TES #	SAMPLE LOCATION	SAMPLE DESCRIPTION	ASBESTOS TYPE	PERCENT ASBESTOS
#C-B-1	92B-306-1	N/A	Homogeneous, Beige	Chrysotile	14%
#C-B-2	92B-306-2	N/A	Homogeneous, Brown	Non-Detected	
#C-B-3	92B-306-3	N/A	Homogeneous, White	Chrysotile Amosite	17% 10%
#NW-B-1	92B-306-4	N/A	Homogeneous, White	Chrysotile Amosite	15% 12%
#NW-B-2	92B-306-5	N/A	Homogeneous, Gray	Non-Detected	
#M-B-1	92B-306-6	N/A	Homogeneous, Gray	Non-Detected	
#M-B-2	92B-306-7	N/A	Homogeneous, White	Chrysotile	21%
#M-B-3	92B-306-8	N/A	Homogeneous, Gray	Chrysotile Amosite	18% 06%
#M-B-4	92B-306-9	N/A	Homogeneous, Brown	Non-Detected	
#M-B-5	92B-306-10	N/A	Homogeneous, Gray	Chrysotile	13%
#M-B-6	92B-306-11	N/A	Homogeneous, Gray	Chrysotile	18%
#M-B-7	92B-306-12	N/A	Homogeneous, Brown	Chrysotile	10%
#M-B-8	92B-306-13	N/A	Homogeneous, Brown, Gray	Chrysotile	16%
#M-B-9	92B-306-14	N/A	Homogeneous, Gray	Chrysotile	09%
#H-B-1	92B-306-15	N/A	Homogeneous, Gray	Chrysotile	17%

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SAMPLE ID	TES #	SAMPLE LOCATION	SAMPLE DESCRIPTION	ASBESTOS TYPE	PERCENT ASBESTOS
#H-B-2	92B-306-16	N/A	Homogeneous, Gray	Chrysotile	06%
#E-B-1	92B-306-17	N/A	Homogeneous, Gray	Non-Detected	
#E-B-2	92B-306-18	N/A	Homogeneous, Gray	Chrysotile Amosite	15% 10%

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Sample collection not performed by T.E.S., Corp.

Analyst: M. Fleming Date: _____

Laboratory Director: _____ Date Recd: June 12, 1992

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

FURTHER REFERENCE: "Bulk Analysis For Asbestos Content: Evaluation of the Tentativ Method"--EPA publication EPA-6--/4-82-021 April 1982.

T.E.S. ENVIRONMENTAL CORP.

POLARIZED LIGHT WITH DISPERSION STAINING
BULK SAMPLE ANALYSIS

CLIENT: THE SEAR-BROWN GROUP
85 Metro Park
Rochester, NY 14623
ATTN: Mr. Jeff Tallon

PROJECT:

SAMPLE ID	TES #	SAMPLE LOCATION	SAMPLE DESCRIPTION	ASBESTOS TYPE	PERCENT ASBESTOS
#M-5-1	92B-312-1	Plaster	Homogeneous, Gray	Non-Detected	
#E-5-1	92B-312-2	N/A	Homogeneous, Tan	Non-Detected	
#C-B-5	92B-312-3	N/A	Homogeneous, Gray, Tan	Chrysotile	25%
#M-6-1	92B-312-4	Plaster	Homogeneous, Gray	Non-Detected	
6-1	92B-312-5	N/A	Homogeneous, Gray	Chrysotile	22%
#SE-6-2	92B-312-6	N/A	Homogeneous, Beige	Chrysotile	10%
#SE-5-1	92B-312-7	N/A	Homogeneous, Gray	Chrysotile	20%
#C-5-1	92B-312-8	N/A	Homogeneous, Tan	Non-Detected	
#SE-6-1	92B-312-9	N/A	Homogeneous, Gray	Chrysotile	14%
#C-6-1	92B-312-10	N/A	Homogeneous, White	Chrysotile Amosite	18% 12%
#C-6-2	92B-312-11	N/A	Homogeneous, Gray	Chrysotile	06%
#NW-6-1	92B-312-12	N/A	Homogeneous, Gray	Non-Detected	
#NW-6-2	92B-312-13	N/A	Homogeneous, White	Chrysotile	17%
#M-2-1	92B-312-14	N/A	Homogeneous, Gray	Non-Detected	
#NW-2-1	92B-312-15	N/A	Homogeneous, Gray	Chrysotile	15%
#SE-2-1	92B-312-16	N/A	Homogeneous, Beige	Non-Detected	

1080 University Avenue, Rochester, New York 14607
(716)473-3660 Fax(716)473-3775 1-800-952-5952

AMPLE ID	TES #	SAMPLE LOCATION	SAMPLE DESCRIPTION	ASBESTOS TYPE	PERCENT ASBESTOS
#NW-3-1	92B-312-17	N/A	Homogeneous, Gray	Non-Detected	
#NW-3-2	92B-312-18	N/A	Homogeneous, Gray	Chrysotile	

Sample collection not performed by T.E.S., Corp.

Analyst: M. Fleming Date: _____

Laboratory Director: _____ Date Recd: June 16, 1992

ANALYTICAL REFERENCE: Sample evaluations have been accomplished in accordance with the EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Sample"--EPA publication 00/M4-82-020 December 1982.

URTHER REFERENCE: "Bulk Analysis For Asbestos Content: Evaluation of the Tentative ethod"--EPA publication EPA-6--/4-82-021 April 1982.

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: C-4-1

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-4-2

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-4-3

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: NW-4-1

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: M-4-1

BULK ____ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: [signature] DATE: 6/9/92

DELIVERED BY: KOD DATE: 6/10/92

RECEIVED BY: AS DATE: 6/10/2

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: C-SB-6

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-SB-7

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-SB-8

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-SB-9

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-SB-10

BULK ____ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: [signature] DATE: 6/9/92

DELIVERED BY: [signature] DATE: 6/10/92

RECEIVED BY: [signature] DATE: 6/10/2

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: SE-4-2

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: _____

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: _____

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: _____

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: _____

BULK ____ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: _____ DATE: 6/9/92

DELIVERED BY: _____ DATE: 6/10/92

RECEIVED BY: _____ DATE: 6/10/92

TOTAL # OF SAMPLES 1

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: M-4-2

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: M-4-3

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: M-4-4

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: M-4-5

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: SE-4-1

BULK ____ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: _____ DATE: 6/9/92

DELIVERED BY: _____ DATE: 6/10/92

RECEIVED BY: _____ DATE: 6/10/2

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: C-SB-11

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: SE-SB-1

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: SE-SB-2

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: SE-SB-3

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: SE-SB-4

BULK ____ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: _____ DATE: 6/9/92

DELIVERED BY: _____ DATE: 6/10/92

RECEIVED BY: _____ DATE: 6/10/2

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: C-SB-1

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-SB-2

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-SB-3

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-SB-4

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: C-SB-5

BULK ____ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: [signature] DATE: 6/9/92

DELIVERED BY: [signature] DATE: 6/10/92

RECEIVED BY: [signature] DATE: 6/10/2

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP #

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: E-B-3

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: E-B-4

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: E-B-5

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: SE-B-1

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: SE-B-2

BULK ✓ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: Jeff Tuller DATE: 6/11/92

DELIVERED BY: D. Calvert DATE: 6-12-92

RECEIVED BY: DS DATE: 6.12

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: SE-B-3

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: SE-B-4

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: SE-B-5

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: SE-B-6

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: C-B-4

BULK ✓ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: Jeff Tallo DATE: 6/11/92

DELIVERED BY: _____ DATE: _____

RECEIVED BY: DD DATE: 6/12

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: C-B-5

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: M-1-1

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: E-1-1

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: E-1-2

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: E-1-3

BULK ✓ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: [signature] DATE: 6/10/92

DELIVERED BY: ____ DATE: ____

RECEIVED BY: [signature] DATE: 6/12

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: NW-1-1

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: NW-1-2

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: _____

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: _____

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: _____

BULK ____ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: [signature] DATE: 6/10/92

DELIVERED BY: _____ DATE: _____

RECEIVED BY: [signature] DATE: 6/12

TOTAL # OF SAMPLES 2

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

Jeff Fallon

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: C-B-1

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: C-B-2

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: C-B-3

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: NW-B-1

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: NW-B-2

BULK ✓ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: Jeff Fallon DATE: 6/10/92

DELIVERED BY: D Colvin DATE: 6-12-91

RECEIVED BY: AS DATE: 6-12-91

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: M-B-1

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: M-B-2

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: M-B-3

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: M-B-4

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: M-B-5

BULK ✓ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: [signature] DATE: 6/10/92

DELIVERED BY: _____ DATE: _____

RECEIVED BY: [signature] DATE: 6/12/92

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: M-B-6

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: M-B-7

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: M-B-8

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: M-B-9

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: H-B-1

BULK ✓ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: [signature] DATE: 6/10/92

DELIVERED BY: ____ DATE: ____

RECEIVED BY: SD DATE: 6/12/92

TOTAL # OF SAMPLES 5

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: H-B-2

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: E-B-1

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: E-B-2

BULK ✓ SWIPE ____ QUANTITY ____

LOCATION: _____

BULK ____ SWIPE ____ QUANTITY ____

LOCATION: _____

BULK ____ SWIPE ____ QUANTITY ____

SAMPLES COLLECTED BY: [signature] DATE: 6/10/92

DELIVERED BY: _____ DATE: _____

RECEIVED BY: [signature] DATE: 6/12/2

TOTAL # OF SAMPLES 3

84127

#8664C

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: SE-6-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: C-6-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: C-6-2

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: NW-6-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: NW-6-2

BULK ✓ SWIPE ____ QUANTITY 1

SAMPLES COLLECTED BY: [signature] DATE: 6/12/92

DELIVERED BY: [signature] DATE: 6/16/92

RECEIVED BY: [signature] DATE: 6/

TOTAL # OF SAMPLES 5

84127

#8664C

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: M-6-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: E-6-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: SE-6-2

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: SE-5-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: C-5-1

BULK ✓ SWIPE ____ QUANTITY 1

SAMPLES COLLECTED BY: [signature] DATE: 6/12/92

DELIVERED BY: [signature] DATE: 6/16/92

RECEIVED BY: [signature] DATE: 4

TOTAL # OF SAMPLES 5

84127

#8664C

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: M-5-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: E-5-1

BULK ✓ QUANTITY 1

LOCATION: C-8-5

BULK ✓ ITY 1

JEFF

LOCATION: ____

BULK ____ NTITY ____

TALON

LOCATION: ____

BULK ____ JANTITY ____

SAMPLES COLLECTED BY ATE: 6/12/92

DELIVERED BY: [signature] DATE: 6/16/92

RECEIVED BY: [signature] DATE: ____

TOTAL # OF SAMPLES 3

84127

CHAIN OF CUSTODY

BULK/SWIPE SAMPLES

CONTRACTOR/CLIENT: THE SEAR-BROWN GROUP # 8664C

ADDRESS: 85 METRO PARK
ROCHESTER, N.Y. 14623

PHONE NUMBER: (716) 475-1440

FAX NUMBER: (716) 272-1814

LOCATION: M-2-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: NW-2-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: SE-2-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: NW-3-1

BULK ✓ SWIPE ____ QUANTITY 1

LOCATION: NW-3-2

BULK ✓ SWIPE ____ QUANTITY 1

SAMPLES COLLECTED BY: Jeff Tuller DATE: 6/15/92

DELIVERED BY: [signature] DATE: 6/15/92

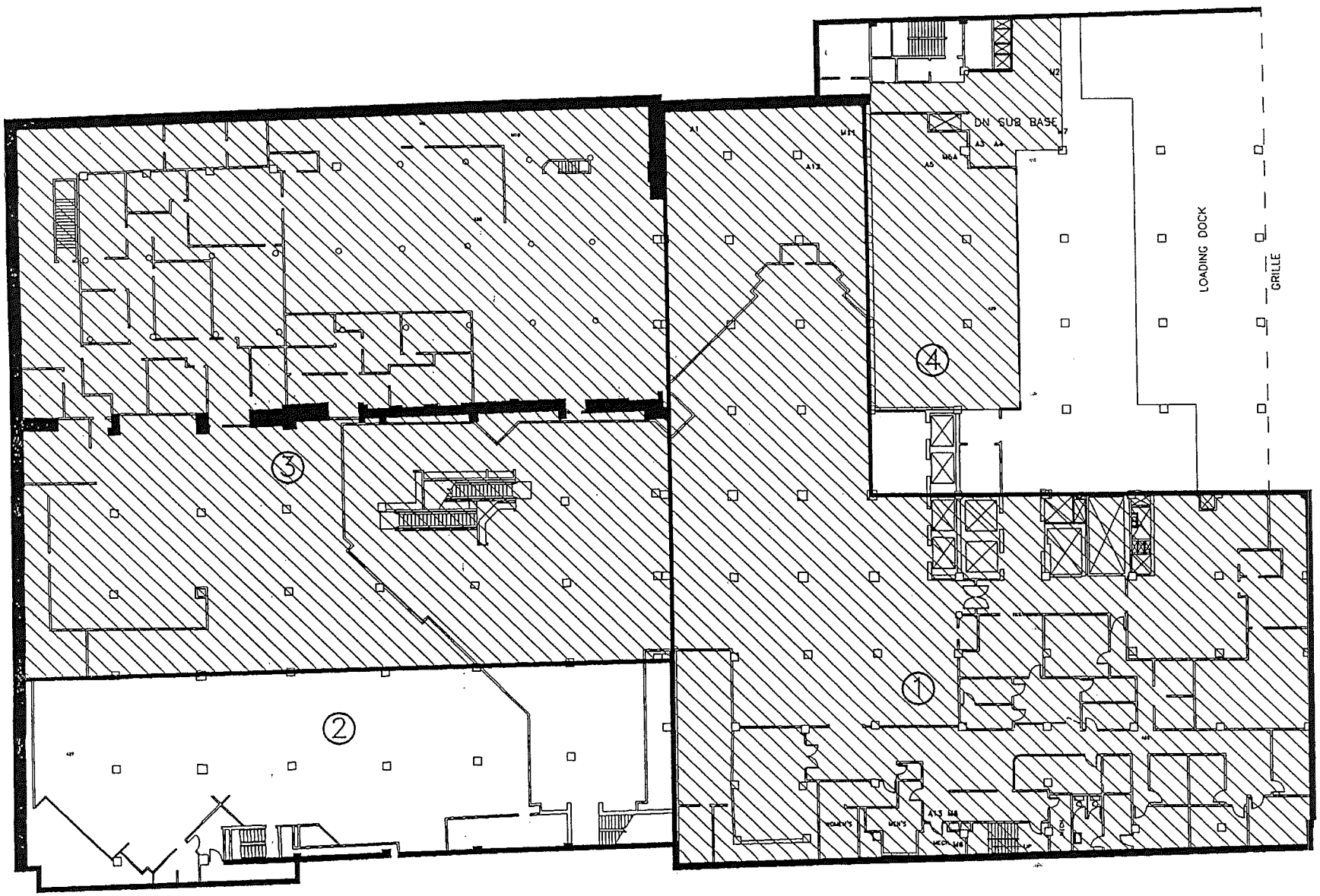
RECEIVED BY: DS DATE: 11

TOTAL # OF SAMPLES 5

84127

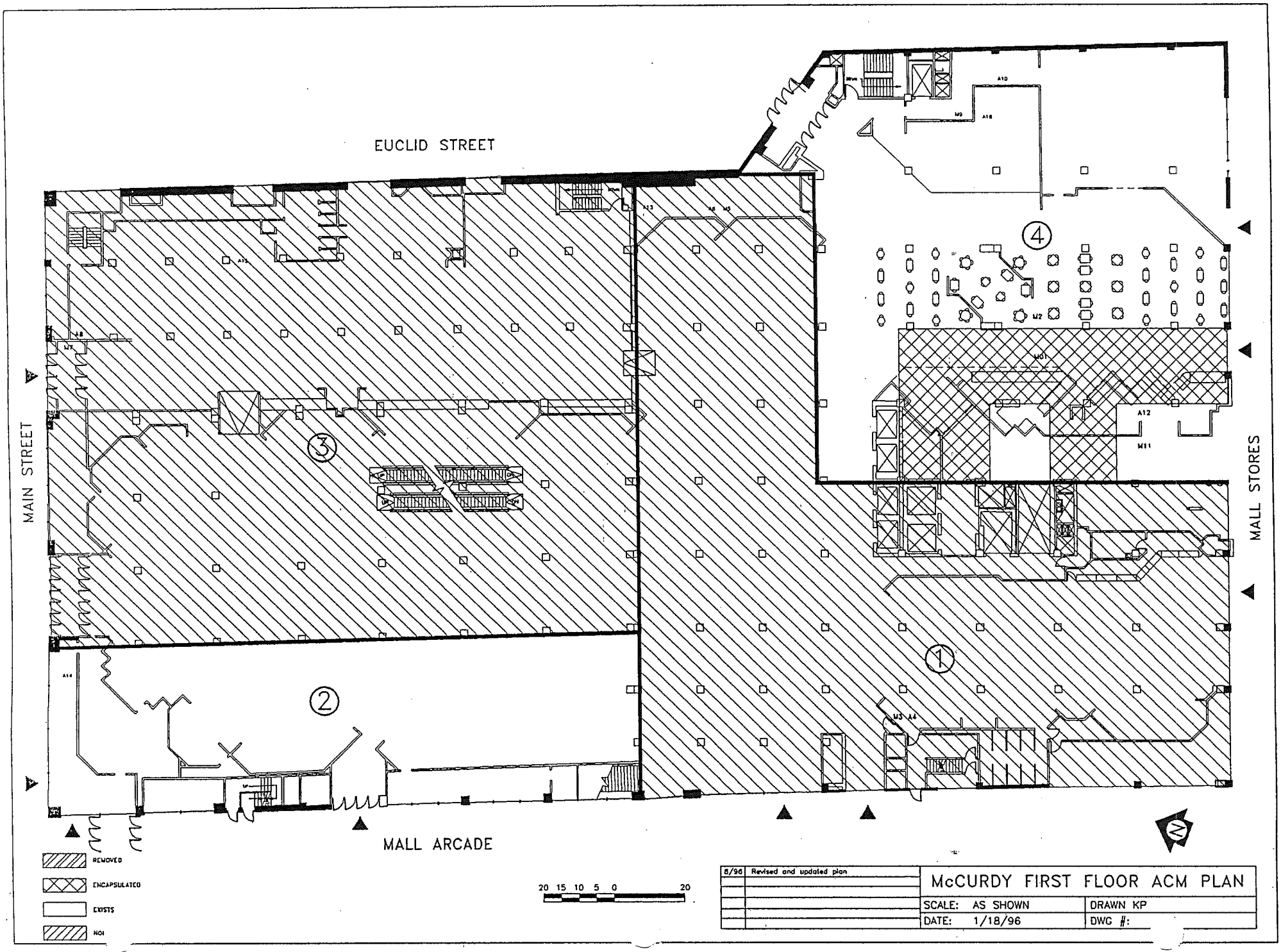
Appendix C

Floor Plans

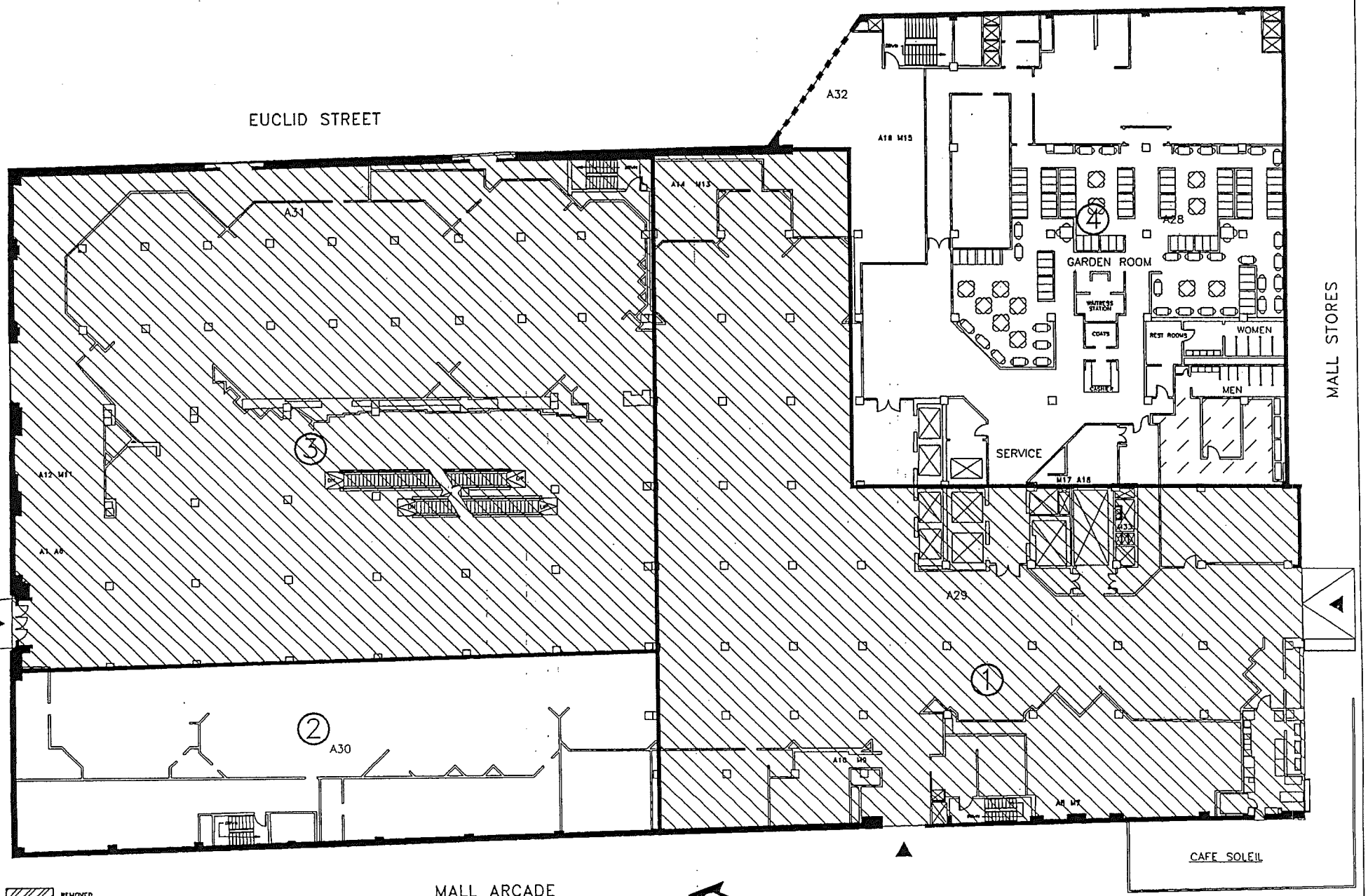


McCURDY BASEMENT ACM PLAN

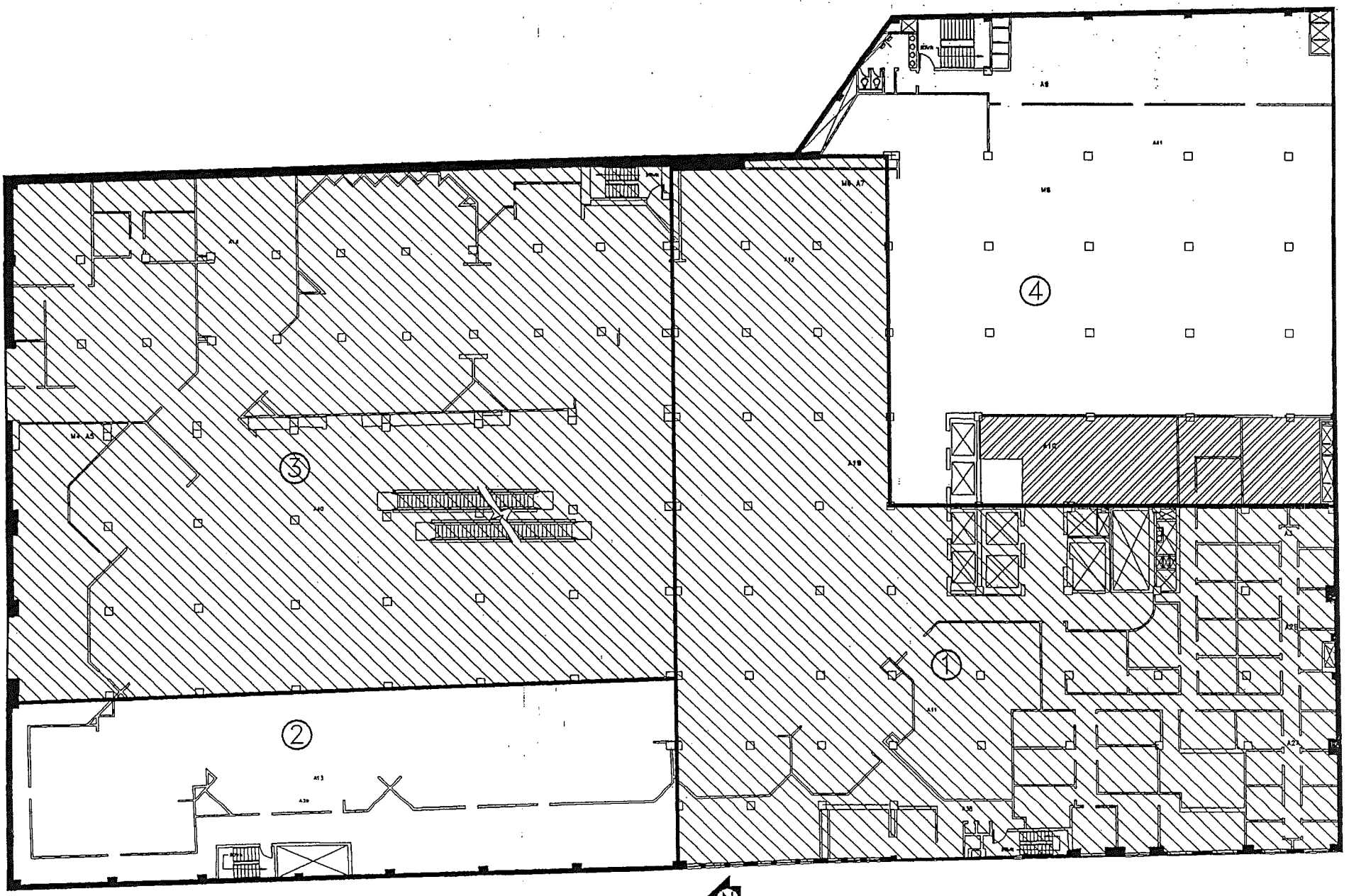
SCALE: AS SHOWN	DRAWN: sdd
DATE: 8/8/95	DWG #: A-0



8/96	Revised and updated plan	McCURDY FIRST FLOOR ACM PLAN	
		SCALE: AS SHOWN	DRAWN KP
		DATE: 1/18/96	DWG #:



8/95	Revised and updated plan	McCURDY SECOND FLOOR ACM PLAN	
		SCALE: AS SHOWN	DRAWN: sdd
		DATE: 8/7/95	DWG #: A-2



ENCAPSULATED

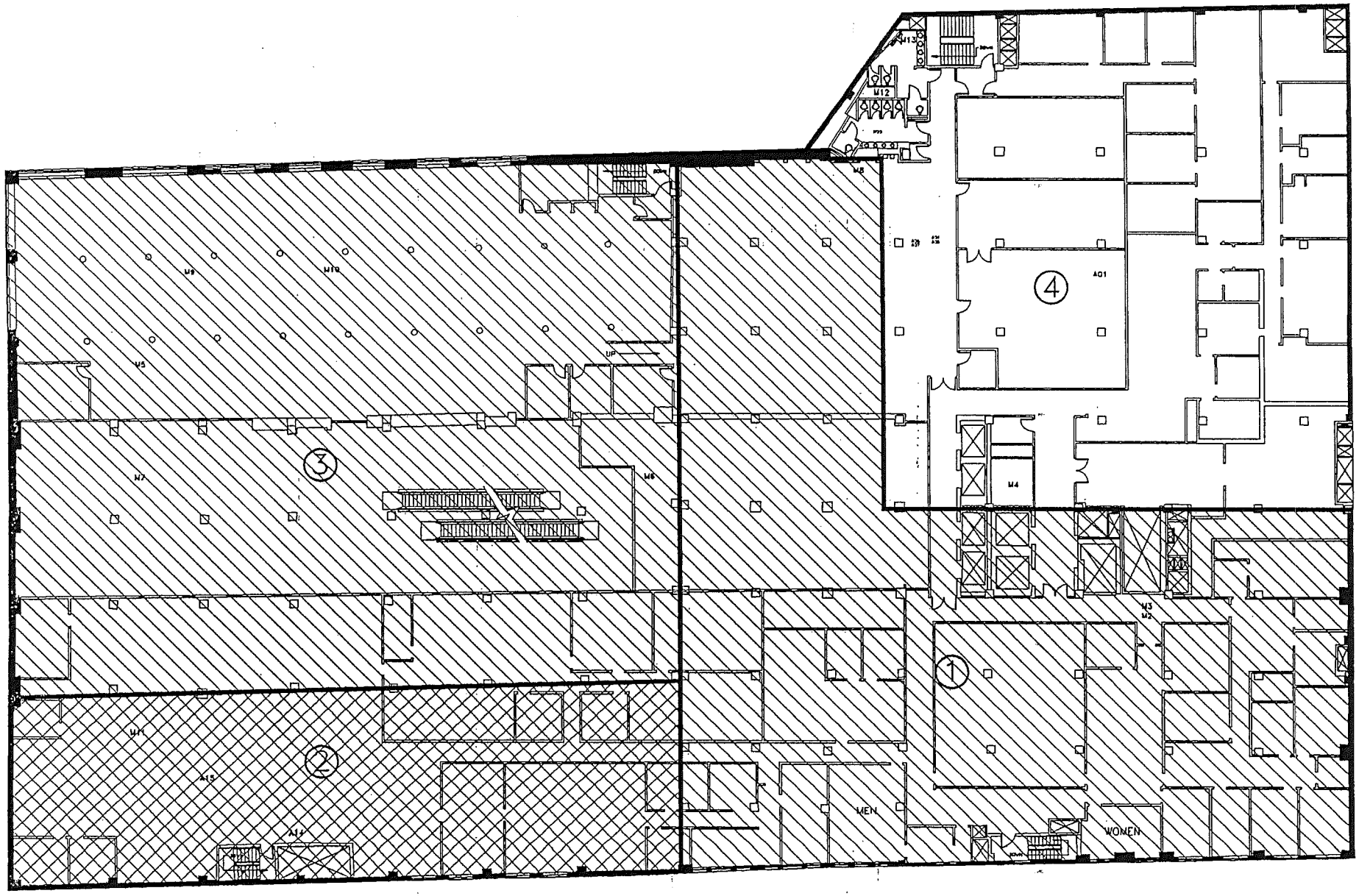
EXISTS

NONE

REMOVED

20 15 10 5 0 20

8/96	Revised and updated plan	mb	McCURDY THIRD FLOOR ACM PLAN
			SCALE: AS SHOWN — DRAWN: sdd
			DATE: 8/7/95 — DWG #: A-



ENCAPSULATED

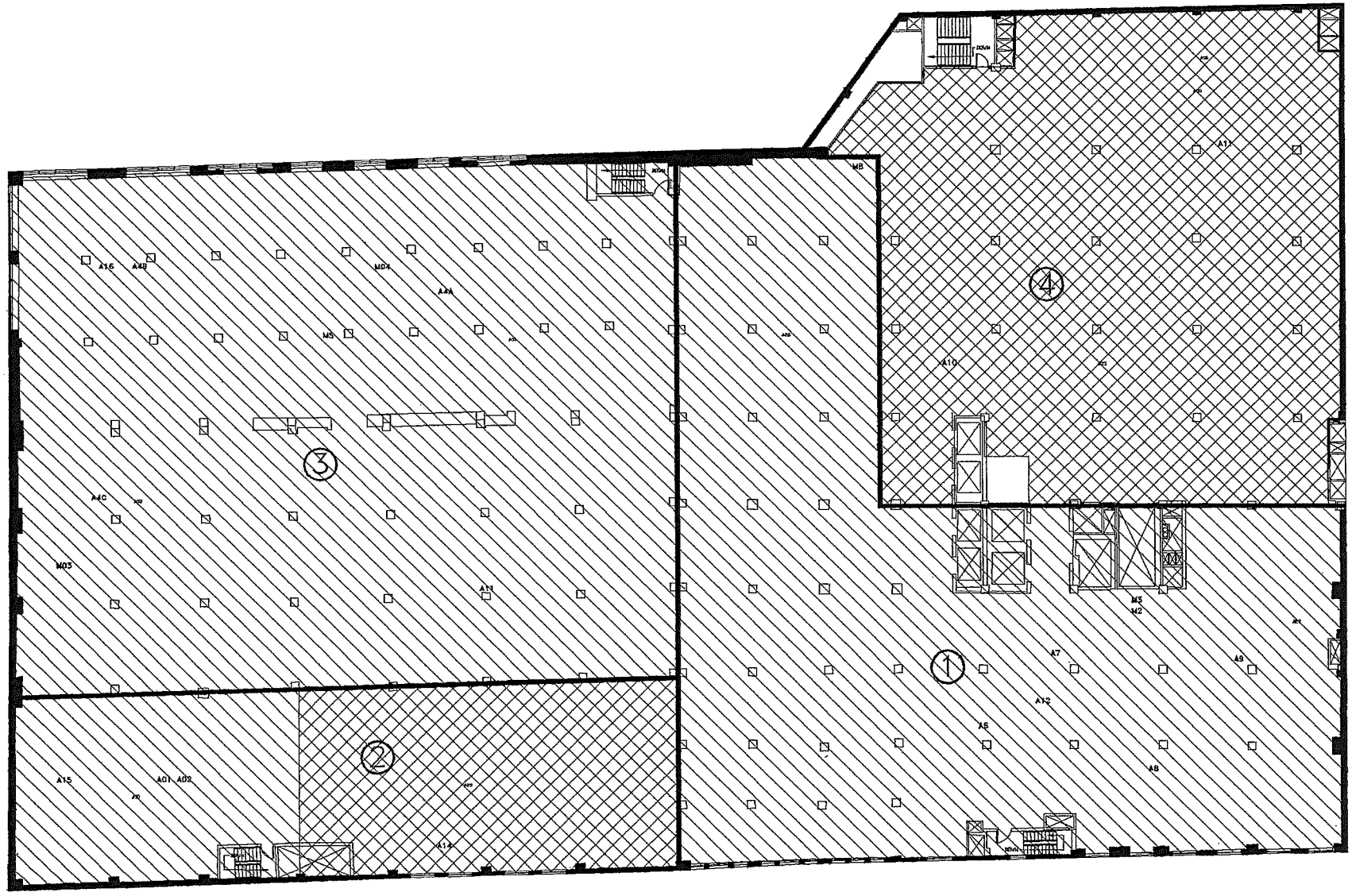
EXISTS

NONE

N

20 15 10 5 0 20

McCURDY FOURTH FLOOR ACM PLAN	
SCALE: AS SHOWN	DRAWN: sdd
DATE: 8/8/95	DWG #: A–



ENCAPSULATED

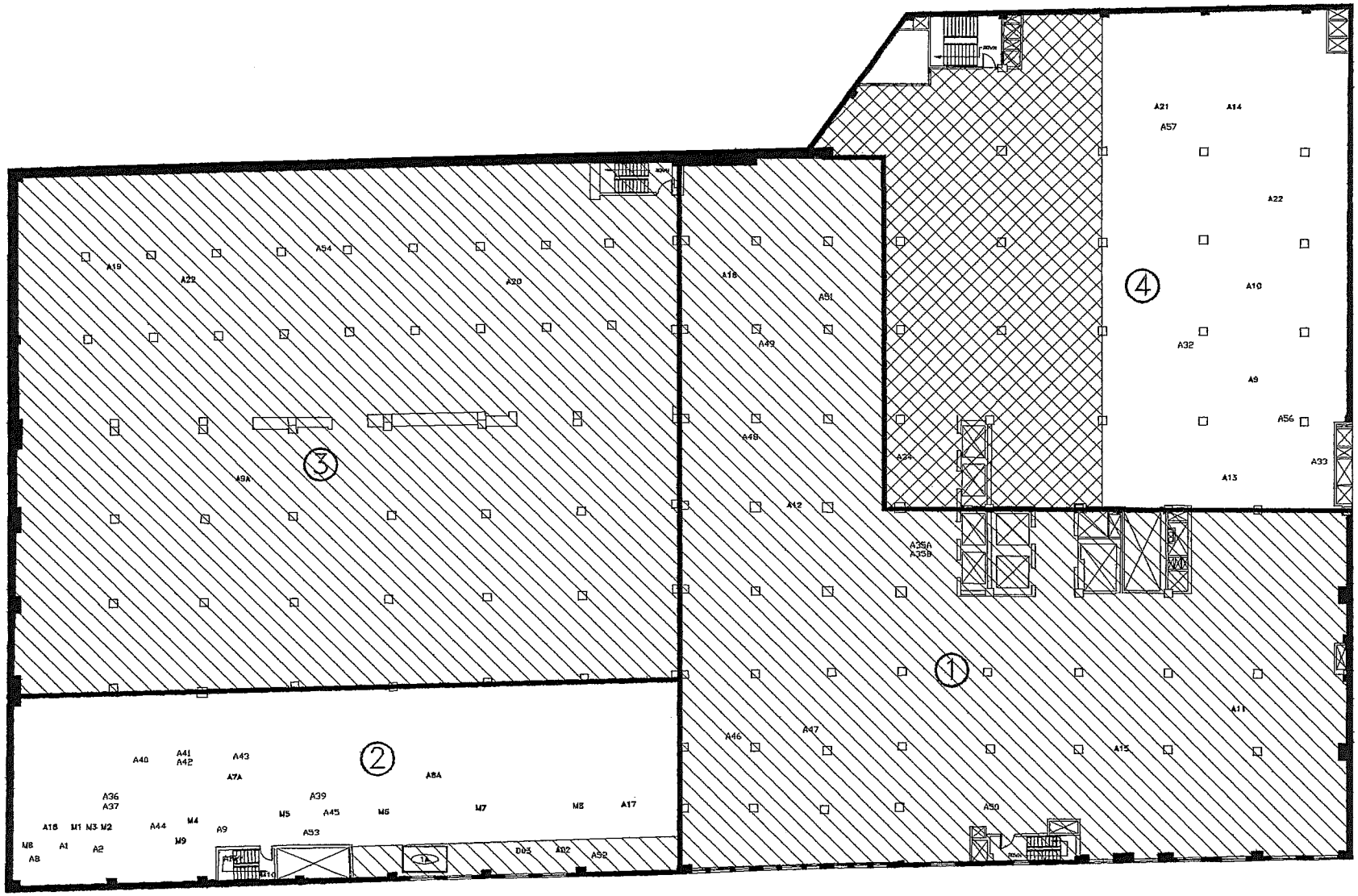
EXISTS

NONE

N

20 15 10 5 0 20

McCURDY FIFTH FLOOR ACM PLAN	
SCALE: AS SHOWN	KP
MAY 96	DWG #: A-5



ENCAPSULATED

EXISTS

NONE

N

20 15 10 5 0 20

McCURDY SIXTH FLOOR ACM PLAN	
SCALE: AS SHOWN	KP
MAY 96	DWG #: A-6

Appendix D

USEPA Recommended Response Actions Based on Hazard Ranking

USEPA RECOMMENDED RESPONSE ACTIONS BASED ON HAZARD RANKING

Hazard Rank	Removal Priority	AHERA Categories	Response Actions Required by AHERA
7	1	Significantly Damaged	Evacuate or isolate the area if needed. Remove the ACBM (or enclose or encapsulate if sufficient to contain fibers). Repair of thermal system insulation is allowed if feasible and safe. O&M required for all friable ACBM.
6	2	Damaged + Potential for Significant Damage	Evacuate or isolate the area if needed. Remove, enclose, encapsulate, or repair to correct damage. Take steps to reduce potential for disturbance. O&M required for all friable ACBM.
5	3	Damaged + Potential for Damage	Remove, enclose, encapsulate, or repair to correct damage. O&M required for all friable ACBM.
4	4	Damaged	Same as hazard rank 5
3	5	Potential for Significant Damage	Evacuate or isolate the area if needed. Take steps to reduce potential for disturbance. O&M required for all friable ACBM.
2	6	Potential for Damage	O&M required for all friable ACBM.
1	7	No Problem	O&M required for all friable ACBM, but measures need not be as extensive as above.

Note: AHERA does not account for combinations of current and potential damage (i.e., hazard ranks #5 and 6). The response actions shown are combinations of those required for each condition.

Source: Keyes, D., B. Price and J. Chesson: "Guidance for Assessing and Managing Exposure to Asbestos in Buildings". USEPA. Seventh Draft. 1986