PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

ESDC

For Lab Project #12:1053
Issued March 12, 2012
This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LABORATORY REPORT FOR PAINT ANALYSIS

Client: ESDC
Lab Project No.: 12:1053

Client Job Site: Seneca Bldg - Midtown Project
Stair Towers
Sample Type: Paint
Method: SW846 3050/6010

Client Job No.: 09-1076
Date Sampled: 03/10/2012
Date Received: 03/12/2012
Date Analyzed: 03/12/2012

Lab Sample No.	Field ID No.	Field Location	Lead Result (mg/Kg)	Lead (% By Wt.)
12:1053-01	#1	North Stairs Ceiling	1120	0.112
12:1053-02	#2	North Stairs Walls	157	0.016
12:1053-03	#3	South Stairs Ceiling	388	0.039
12:1053-04	#4	South Stairs Walls	761	0.076

ELAP ID No.: 10958

Comment: Paint is considered lead based if the concentration of lead is equal or greater than 0.5% by weight.

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

File ID:12-1053.xls

ENVOY ENVIRONMENTAL CONSULTANTS, INC.
145 Lake Avenue, Rochester, NY 14608
(585) 454-1060 * Fax (585) 454-1062

CHAIN OF CUSTODY
PAINT ANALYSIS

Client: Empire State Development Corporation (per T. Trownes/JD 3/12)

EAH 3/12

Building No.:	Contact Name: MARTY P.	Laboratory Job No.: 12:1053
Job No. 09-1076	Customer: ESDC	Date of Sampling: 03/10/12
Contract No.	Number of Samples: 4	Date Results Needed: 03/12/12

LOCATION OF SAMPLES:
SENECA BLDG - MIDTOWN PROJECT - STAIRTOWERS.

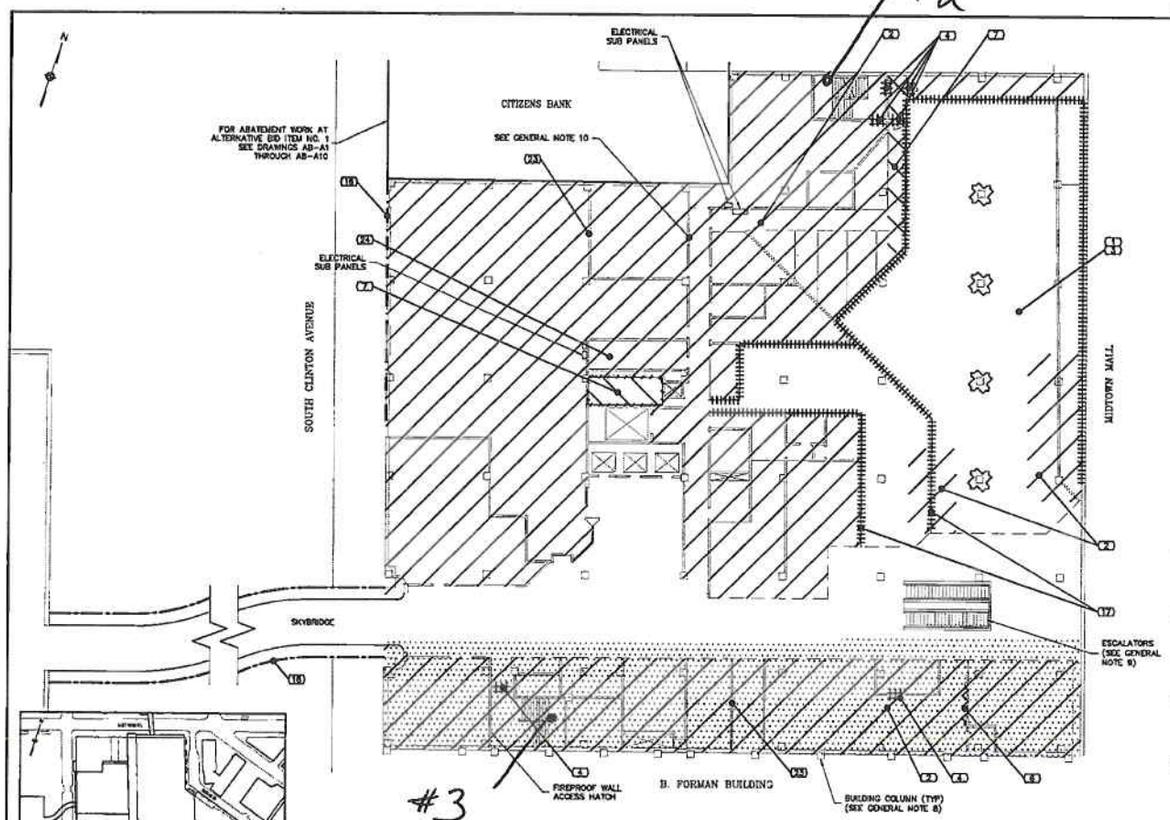
TYPE OF ANALYSIS:
Barium
Cadmium
Chromium
Lead
~~Lead Only~~

Sample ID:	Lab ID:	Material:	Description:
#1	01	PAINT	NORTH STAIRS CEILING
#2	02	↓	↓ ↓ WALLS
#3	03	↓	SOUTH STAIRS CEILING
#4	04	↓	↓ ↓ WALLS
			Rec'd at 17°C in plastic bags.

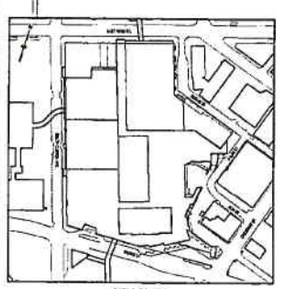
Sampled By: T. TROWNES	Sample Condition:
Transported From: MIDTOWN PROJECT	Transported By: T. TROWNES
Relinguished By: T. TROWNES	Date/Time: 03/10/12 10:20 A.M.
Received at Lab By: Elizabeth A Honch	Date/Time: 3/12/12 1040

#2

LEAD PAINT SAMPLES



#3



KEY PLAN
N.T.S.

SECOND FLOOR ASBESTOS ABATEMENT SCHEDULE	
ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
(1) SPRAY-ON FIREPROOFING	93,200 SF
(2) FLOOR TILE/MASTIC	24,500 SF
(3) CEILING SYSTEM	34,500 SF
(4) FIRE DOORS	3 EACH
(6) MIRROR MASTIC	1,200 SF
(7) PIPE INSULATION	1,000 LF
(18) WINDOWS	5 EACH
(17) MASTIC - WALL PANEL	3,000 SF
(18) ROOF FLASHING AND TAR	400 LF
(23) DRYWALL COMPOUND	34,500 SF
(24) INSULATION - HEAT EXCHANGER	12 SF

GENERAL NOTES:

1. THE INFORMATION IN THESE DRAWINGS ARE FOR GUIDANCE PURPOSES ONLY. THEY MAY NOT REPRESENT ACTUAL AS-BUILT DIMENSIONS AND SIZES. NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR IF THE INFORMATION PROVIDED IN THE PLAN VARIES WITH THE EXISTING CONDITIONS.

2. PIPE CHASES ARE SHOWN AT APPROXIMATE LOCATIONS. NOT ALL PIPE CHASES ARE SHOWN. THE CONTRACTOR SHALL PERFORM SELECTIVE DEMOLITION AS NECESSARY TO EXPOSE ALL PIPING OR OTHER ACM MATERIAL OR AS DIRECTED BY THE PROJECT MONITOR TO VERIFY THE PRESENCE/ABSENCE OF ACM. EXPLORATORY WORK AND SELECTIVE DEMOLITION COST SHALL BE INCLUDED IN THE CONTRACTORS BASE BID PRICE.

3. ALL REMAINING BUILDING FURNISHINGS, INTERNAL COMPONENTS DEBRIS, AND ALL ITEMS LEFT BY THE OWNER SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. NOT ALL ITEMS ARE SHOWN.

4. THE CONTRACTOR SHALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, DE-ENERGIZE AND REROUTE ELECTRICAL DISTRIBUTION LINES NECESSARY SO THAT ASBESTOS ABATEMENT AND DEMOLITION ACTIVITIES CAN OCCUR WITHOUT THE INTERRUPTION OF ELECTRICAL SERVICE TO OTHER PORTIONS OF THE SITE. ALL ELECTRICAL WORK SHALL BE INCLUDED IN THE CONTRACTORS LUMP SUM BID.

5. ALL TEMPORARY ELECTRICAL PANELS AND WIRING REQUIRED BY THE CONTRACTOR FOR HIS EQUIPMENT AND WORK AREA LIGHTING SHALL BE INCLUDED IN THE CONTRACTOR LUMP SUM BID.

6. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL INTERIOR WALLS AND PARTITIONS. ALL MATERIALS AND DEBRIS DEMOLISHED OR REMOVED BY THE CONTRACTOR SHALL BE DISPOSED OF AS ACM OR SHALL BE DECONTAMINATED AND DISPOSED OF AS C&D MATERIALS.

7. HOUSEHOLD, UNIVERSAL AND HAZARDOUS MATERIALS ARE PRESENT THROUGHOUT THE ENTIRE FLOOR LEVEL. THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIALS SURVEY FOR DESCRIPTIONS AND QUANTITIES TO BE REMOVED AND DISPOSED OF. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL HOUSEHOLD, UNIVERSAL AND HAZARDOUS MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS.

8. BUILDING COLUMNS ARE ENCASED IN OPEN TOP CMU BLOCK. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CMU BLOCK AS ACM CONTAINING MATERIALS. REMOVAL AND DISPOSAL OF CMU BLOCK MATERIAL SHALL BE INCLUDED IN THE CONTRACTORS LUMP SUM BASE BID PRICE.

9. THE CONTRACTOR SHALL PERFORM EXPLORATORY WORK ON THE ESCALATORS AS DIRECTED BY THE PROJECT MONITOR TO EXPOSE INTERNAL COMPONENTS AND POTENTIAL ACM MATERIALS (I.E. BRAKE SHOES). ALL SUSPECT MATERIALS AS DETERMINED BY THE PROJECT MONITOR SHALL BE PROPERLY ABATED IN ACCORDANCE WITH NYSDOL ICR 56 AT NO ADDITIONAL COST TO THE PROJECT.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERIOR DEMOLITION ACTIVITIES. THE CONTACTOR SHALL PERFORM INTERIOR DEMOLITION ACTIVITIES ON ALL AREAS OF THE BUILDINGS INCLUDING AREAS WHERE ACM AND HAZARDOUS MATERIALS REMOVAL IS NOT REQUIRED. THE CONTRACTOR SHALL CONDUCT SITE INSPECTIONS TO VERIFY THE EXTENT AND COMPLEXITY OF THE INTERIOR DEMOLITION. THIS WORK SHALL INCLUDE BUT IS NOT LIMITED TO THE REMOVAL OF ALL INTERIOR SOFT MATERIALS, WOOD, DRYWALL, PLASTER, FLOOR COVERINGS, MULTIPLE CEILINGS, FIXED AND NON FIXED CABINETS, DISPLAY CASES AND REMAINING SITE DEBRIS THROUGHOUT THE PROJECT BUILDINGS. ALL RESULTING WASTES SHALL BE DISPOSED OF AT A FACILITY PERMITTED TO ACCEPT SUCH WASTE. THE REMOVAL HANDING AND DISPOSAL OF THE MATERIAL WASTES SHALL COMPLY WITH ALL APPLICABLE REGULATIONS (NYSDOL, NYSDEC AND USEPA).

ASBESTOS ABATEMENT NOTES:

(1) SPRAY-ON FIRE PROOFING EXISTS ON CEILING DECKING, BEAMS, COLUMNS, WALL, ETC. THE QUANTITY INCLUDES ALL SPRAY-ON FIRE PROOFING ENCOUNTERED INCLUDING OVERSPRAY. THE CONTRACTOR SHALL PROVIDE ALL LABOR MATERIALS AND EQUIPMENT AND PERFORM ALL WORK REQUIRED TO ACCESS AND REMOVE AND DISPOSE OF ALL SPRAY-ON FIRE PROOFING INCLUDING OVERSPRAY AND ANY AND ALL BONDING AGENTS IN ACCORDANCE WITH NYSDOL ICR 56 AND SPECIFICATION SECTION 02060.

(2) FLOOR TILE/MASTIC ABATEMENT AND REMOVAL SHALL INCLUDE THE ABATEMENT, REMOVAL AND DISPOSAL OF ALL FLOOR SURFACING MATERIALS INCLUDING CARPET, CARPET MASTIC, FLOOR TILE, FLOOR TILE MASTIC AND OTHER SURFACING MATERIALS. THE LOCATIONS SHOWN FOR FLOOR TILE/MASTIC ARE LOCATIONS WHERE FLOOR TILE IS KNOWN TO EXIST. RESIDUAL FLOOR TILE MASTIC IS PRESENT THROUGHOUT THE FLOOR AREA LOCATED UNDER CARPETING AND OTHER FLOOR SURFACING MATERIALS. OTHER LOCATIONS OF FLOOR TILE MAY EXIST. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOOR SURFACING MATERIALS TO EXPOSE THE SUBSTRATE. THE QUANTITY FOR ABATEMENT INCLUDES THE ABATEMENT OF FLOOR TILE/MASTIC FROM THE ENTIRE FLOOR SURFACE INCLUDING ANY AND ALL SURFACING MATERIALS.

(3) CEILING SYSTEM ABATEMENT AND REMOVAL SHALL INCLUDE ABATEMENT, REMOVAL AND DISPOSAL OR DECONTAMINATION OF ALL MATERIALS ABOVE THE DROP CEILINGS/PLASTER CEILINGS, INCLUDING THE CEILINGS. THE CONTRACTOR SHALL ASSUME THAT ALL MATERIALS HAVE BEEN CONTAMINATED WITH ACM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO ABATE, REMOVE AND DISPOSE OF OR DECONTAMINATE AND DISPOSE OF ALL MATERIAL ENCOUNTERED IN ACCORDANCE WITH SECTION 02080.

(6) MIRRORS ARE INSTALLED THROUGHOUT THE FLOOR LEVEL ON WALLS, COLUMNS, ETC. NOT ALL MIRRORS ARE SHOWN. THE MIRROR MASTIC ASSOCIATED WITH THE MIRRORS IS ACM. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL MIRRORS AS ACM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO REMOVE AND DISPOSE OF THE MIRRORS AND THE MIRROR MASTIC IN ACCORDANCE WITH NYSDOL ICR 56. ALL SUBSTRATES CONTAINING MIRROR MASTIC SHALL BE DECONTAMINATED TO THE SATISFACTION OF THE PROJECT MONITOR. SHOULD THE SUBSTRATE NOT BE CLEANABLE AS DETERMINED BY THE PROJECT MONITOR THEN THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE SUBSTRATE AS ACM AT NO ADDITIONAL COST TO THE CONTRACT.

(7) PIPE INSULATION ABATEMENT SHALL INCLUDE THE ABATEMENT REMOVAL AND DISPOSAL OF ALL PIPE INSULATION AND FITTINGS INCLUDING FIBERGLASS INSULATION UNLESS OTHERWISE APPROVED BY THE PROJECT MONITOR. DUE TO PREVIOUS MAINTENANCE ACTIVITIES PIPING RUNS CONTAIN BOTH ACM AND NON-ACM SECTIONS OF INSULATING MATERIAL. IT IS THE INTENT OF THIS PROJECT TO REMOVE AND DISPOSE OF ALL PIPE INSULATING MATERIAL TO INSURE ALL ACM INSULATION IS PROPERLY REMOVED.

(18) ROOF FLASHING ABATEMENT AND REMOVAL SHALL INCLUDE ABATEMENT, REMOVAL AND DISPOSAL OF ALL ROOF FLASHING MATERIAL INCLUDING THE DECONTAMINATION OR REMOVAL AND DISPOSAL AS ACM OF ALL MATERIALS IN CONTACT WITH THE FLASHING. THE ROOFING MATERIAL SHALL BE DISPOSED OF AS ACM MATERIALS.

(23) SAMPLING HAS SHOWN THAT DRYWALL COMPOUND IS ACM. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DRYWALL SURFACES, WALLS, PARTITIONS AS ACM. ALL WOOD STUDS AND SUPPORTS SHALL BE DISPOSED OF AS ACM. ALL METAL STUDS AND SUPPORTS MAY BE FULLY DECONTAMINATED IN ACCORDANCE WITH NYSDOL ICR 56 AND DISPOSED OF AS NON-ACM. NOT ALL INTERIOR WALLS ARE SHOWN. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL INTERIOR WALLS SHOWN OR NOT SHOWN.

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, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, 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	REVISIONS
1	1/30/09	BID DOCUMENTS

LaBella Associates, P.C. 300 Pearl Street, Suite 100 Buffalo, New York

PROJ. ENG.:	M.J.W.
DESIGNED BY:	M.J.W.
CHECKED BY:	R.F.K.
DRAWN BY:	A.M.K.

CLIENT: Empire State Development, 400 Andrews Street, Suite 100, Rochester, New York 14604-1400

DATE: JANUARY 2009 SCALE: 1" = 15'

JOB TITLE AND LOCATION: SENECA BUILDING, MIDTOWN PLAZA COMPLEX, ROCHESTER, NEW YORK

LABELLA JOB NO.: 08-27-104

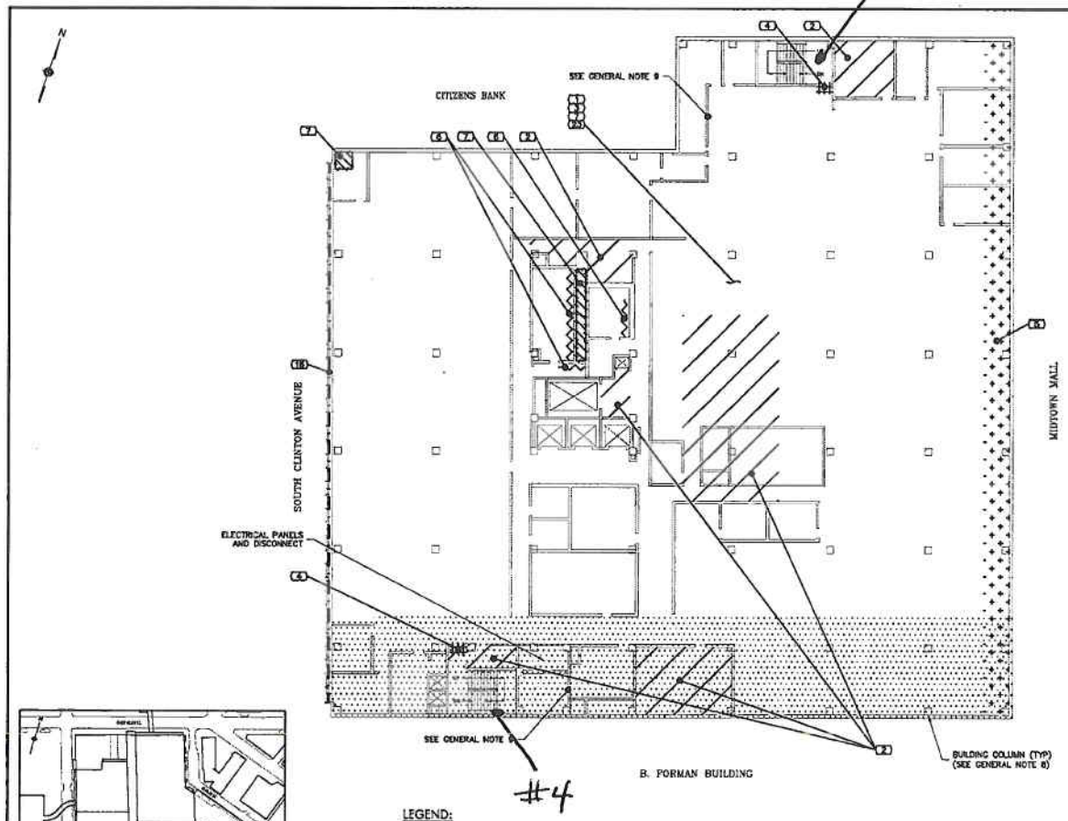
SHEET 3 OF 9

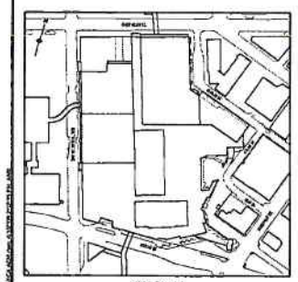
DRAWING TITLE: 2ND FLOOR ASBESTOS ABATEMENT PLAN

FIGURE NO.: SB-A3

#1

LEAD PAINT SAMPLES





KEY PLAN
N.T.S.

LEGEND:

PIPE CHASE

THIRD FLOOR ASBESTOS ABATEMENT SCHEDULE		
	ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
(1)	SPRAY-ON FIREPROOFING	93,200 SF
(2)	FLOOR TILE/MASTIC	34,500 SF
(3)	CEILING SYSTEM	34,500 SF
(4)	FIRE DOORS	6 EACH
(5)	WATERPROOF MEMBRANE	400 SF
(6)	MIRROR MASTIC	150 SF
(7)	PIPE INSULATION	1,600 LF
(8)	WINDOWS	66 EACH
(23)	DRYWALL COMPOUND	33,500 SF

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3. ALL REMAINING BUILDING FURNISHINGS, INTERNAL COMPONENTS DEBRIS, AND ALL ITEMS LEFT BY THE OWNER SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. NOT ALL ITEMS ARE SHOWN.

4. THE CONTRACTOR SHALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, DE-ENERGIZE AND REROUTE ELECTRICAL DISTRIBUTION LINES NECESSARY SO THAT ASBESTOS ABATEMENT AND DEMOLITION ACTIVITIES CAN OCCUR WITHOUT THE INTERRUPTION OF ELECTRICAL SERVICE TO OTHER PORTIONS OF THE SITE. ALL ELECTRICAL WORK SHALL BE INCLUDED IN THE CONTRACTORS LUMP SUM BID.

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ASBESTOS ABATEMENT NOTES:

(1) SPRAY-ON FIRE PROOFING EXISTS ON CEILING DECKING, BEAMS, COLUMNS, WALL ETC. THE QUANTITY INCLUDES ALL SPRAY-ON FIRE PROOFING ENCOUNTERED INCLUDING OVERSPRAY. THE CONTRACTOR SHALL PROVIDE ALL LABOR MATERIALS AND EQUIPMENT AND PERFORM ALL WORK REQUIRED TO ACCESS AND REMOVE AND DISPOSE OF ALL SPRAY-ON FIRE PROOFING INCLUDING OVERSPRAY AND ANY AND ALL BONDING AGENTS IN ACCORDANCE WITH NYSDOL ICR 56 AND SPECIFICATION SECTION 02080.

(2) FLOOR TILE/MASTIC ABATEMENT AND REMOVAL SHALL INCLUDE THE ABATEMENT, REMOVAL AND DISPOSAL OF ALL FLOOR SURFACING MATERIALS INCLUDING CARPET, CARPET MASTIC, FLOOR TILE, FLOOR TILE MASTIC AND OTHER SURFACING MATERIALS. THE LOCATIONS SHOWN FOR FLOOR TILE/MASTIC ARE LOCATIONS WHERE FLOOR TILE IS KNOWN TO EXIST. RESIDUAL FLOOR TILE MASTIC IS PRESENT THROUGHOUT THE FLOOR AREA LOCATED UNDER CARPETING AND OTHER FLOOR SURFACING MATERIALS. OTHER LOCATIONS OF FLOOR TILE MAY EXIST. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOOR SURFACING MATERIALS TO EXPOSE THE SUBSTRATE. THE QUANTITY FOR ABATEMENT INCLUDES THE ABATEMENT OF FLOOR TILE/MASTIC FROM THE ENTIRE FLOOR SURFACE INCLUDING ANY AND ALL SURFACING MATERIALS.

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(5) THE WATERPROOF MEMBRANE IS LOCATED BENEATH EXISTING FLOOR COVERINGS AND FLOORING COMPONENTS. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOORING SURFACES AS REQUIRED TO ACCESS THE WATERPROOF MEMBRANE. ALL MATERIALS REMOVED AS PART OF THIS WORK SHALL BE DISPOSED OF AS ACM.

(6) MIRRORS ARE INSTALLED THROUGHOUT THE FLOOR LEVEL, ON WALLS, COLUMNS, ETC. NOT ALL MIRRORS ARE SHOWN. THE MIRROR MASTIC ASSOCIATED WITH THE MIRRORS IS ACM. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL MIRRORS AS ACM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO REMOVE AND DISPOSE OF THE MIRRORS AND THE MIRROR MASTIC IN ACCORDANCE WITH NYSDOL ICR 56. ALL SUBSTRATES CONTAINING MIRROR MASTIC SHALL BE DECONTAMINATED TO THE SATISFACTION OF THE PROJECT MONITOR. SHOULD THE SUBSTRATE NOT BE CLEANABLE AS DETERMINED BY THE PROJECT MONITOR THEN THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE SUBSTRATE AS ACM AT NO ADDITIONAL COST TO THE CONTRACT.

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(23) SAMPLING HAS SHOWN THAT DRYWALL COMPOUND IS ACM. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DRYWALL SURFACES, WALLS, PARTITIONS AS ACM. ALL WOOD STUDS AND SUPPORTS SHALL BE DISPOSED OF AS ACM. ALL METAL STUDS AND SUPPORTS MAY BE FULLY DECONTAMINATED IN ACCORDANCE WITH NYSDOL ICR 56 AND DISPOSED OF AS NON-ACM. NOT ALL INTERIOR WALLS ARE SHOWN. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL INTERIOR WALLS SHOWN OR NOT SHOWN.

Scale: 0 15 30 Ft.

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NO.	DATE	DESCRIPTION
1	1/30/09	BID DOCUMENTS

REVISIONS

LiRo Engineers, Inc. 510 Delaware Ave. Buffalo, New York

PROJ. ENG.: M.J.W.
DESIGNED BY: M.J.W.
CHECKED BY: R.F.K.
DRAWN BY: A.M.K.

CLIENT: Empire State Development, 400 Andrews Street, Suite 100, Rochester, New York 14604-1408

DATE: JANUARY 2009
SCALE: 1" = 15'

JOB TITLE AND LOCATION: SENECA BUILDING, MIDTOWN PLAZA COMPLEX, ROCHESTER, NEW YORK

DRAWING TITLE: 3RD FLOOR ASBESTOS ABATEMENT PLAN

LIRO JOB NO.: 08-21-104
SHEET: 4 OF 9
FIGURE NO.: SB-A4