NYC 9/11 Public Portal Document

ASBESTOS AND LEAD-BASED PAINT SURVEY REPORT

OF:

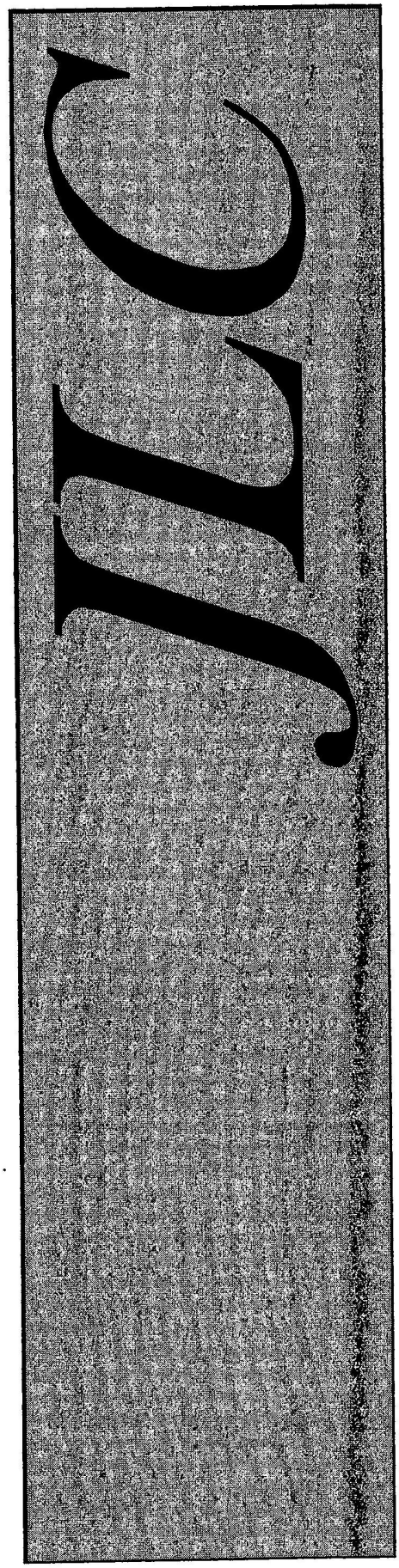
130 CEDAR STREET
NEW YORK, NY 10006

FOR:

MASTERWORKS DEVELOPMENT CORP.
56 WEST 45th STREET
NEW YORK, NY 10036

JLC PROJECT No.: 04-3271

July 7, 2004



NYC-WTC_000125204

NYC 9/11 Public Portal Document

TABLE OF CONTENTS

Page No.

SECTION I– INTRODUCTION:

1.1 RECORD OF CERTIFICATION 2
1.2 INTRODUCTION 3
1.3 QUALITY CONTROL PROCEDURES 3
1.4 STATEMENT OF MANAGEMENT POLICY 4
1.5 AREAS NOT ACCESSIBLE 4

SECTION 2– ASBESTOS SURVEY REPORT

2.1 ASBESTOS INSPECTION AND BULK SAMPLING PROCEDURES 6
2.2 ASBESTOS BULK SAMPLE ANALYSIS AND METHODOLOGY 7
2.3 SCOPE OF WORK FOR ACM 8
2.4 SUMMARY OF FINDINGS FOR ACM 10
2.5 RECOMMENDATIONS FOR ACM 11
2.6 SCHEDULE OF JLC'S INSPECTION RESULTS FOR ACM 12
2.7 ASBESTOS QUANTITY SCHEDULE 27

SECTION 3 – LEAD PAINT SURVEY REPORT:

3.1 LEAD PAINT INSPECTION & XRF TESTING PROCEDURES 36
3.2 SCOPE OF WORK FOR LBP 37
3.3 SUMMARY OF FINDINGS FOR LBP 38
3.4 RECOMMENDATIONS FOR LBP 39
3.5 LEAD BASED PAINT QUANTITY SCHEDULE 39

APPENDICES:

APPENDIX A: ASBESTOS ANALYTICAL REPORTS:

ASBESTOS CERTIFICATES OF ANALYSIS BY PLM METHOD
ASBESTOS CERTIFICATES OF ANALYSIS BY TEM METHOD

APPENDIX B: XRF TESTING RESULTS

APPENDIX C: LAB AND PERSONNEL CERTIFICATION

APPENDIX D: ASBESTOS SAMPLE LOCATION PLANS

APPENDIX E: LEAD BASED PAINT SAMPLE LOCATION PLANS

APPENDIX F: WINDOW & SPANDREL QUANTITY SPREADSHEET

NYC 9/11 Public Portal Document

SECTION I

INTRODUCTION AND BACKGROUND INFORMATION

NYC-WTC_000125206

NYC 9/11 Public Portal Document

1.1 RECORD OF CERTIFICATION:

This is to certify that this report was prepared by JLC Environmental Consultants, Inc. (JLC) under contract with Masterworks Development Corp. for the limited asbestos and lead based paint survey conducted at 130 Cedar Street. The inspection was completed utilizing applicable Federal and New York State regulations pertaining to asbestos and lead including Federal OSHA (29 CFR 1910.1001, 29 CFR 1926.1101 and 29 CFR 1926.62), EPA (40 CFR Part 61 and 40 CFR Part 745), and TSCA Title II AHERA/ASHARA (40 CFR Part 763) Asbestos Regulations. The findings in this report are consistent with accepted principles and practice established and prescribed by the EPA and AHERA

This report, and the supporting data, findings, conclusions, opinions, and the recommendations it contains, represents the result of JLC's efforts on behalf of your firm. This report is not an asbestos abatement specification and should not be used for specifying removal methods or techniques.

The results, assessments, conclusions and recommendations stated in this report are factually representative of the conditions and circumstances observed at this location on the dates of inspection. We cannot assume responsibility for any change in conditions or circumstances that occurred after the inspection.

This report and its findings and recommendations, if implemented by your firm, should not be construed as an assurance or implied warranty for the continuing safety, performance, or cost-effectiveness of any equipment, product, system, facility, procedure, or policy discussed or recommended herein.

This report may contain sensitive information about your firm, your staff, equipment, operations, or policies. It may also contain confidential or proprietary information about specific equipment or products, which have been provided to JLC by the manufacturers or other sources. Therefore, we consider this report confidential and ask that you do the same. This report should not be transmitted to third parties without the written permission of JLC and an authorized agent of your firm.

Report Prepared By:

Peter Ludwig
Project Manager

Report Reviewed By:

Daniel Carrus
QA/QC Project Manager

NYC-WTC_000125207

NYC 9/11 Public Portal Document

1.2 INTRODUCTION:

Client: Masterworks Development Corp.
56 West 45th Street, 4th Floor
New York, NY 10036

Project Site: 130 Cedar Street
New York, NY 10006

Scope of Work: Asbestos and Lead Based Paint Inspection

Dates of Asbestos Inspection: 03/23/04, 5/25/04, 5/26/04, 5/27/04, 5/28/04, 6/3/04, 07/06/2004

Dates of Lead Paint Inspection: 03/23/04, 05/25/04, 05/26/04, 05/27/04, 05/28/04, 06/01/04,

The asbestos survey was performed by certified inspectors Mr. Mohammed Khan and Mr. Pasquel Davis. The lead paint survey was performed by certified risk assessors Mr. Peter Koslowsky and Mr. Shawn Rajkumar.

All work was performed under the direct supervision of NYC DEP Asbestos Investigator, NYS DOL Asbestos Inspector, NYS DOL Project Designer and USEPA/NY State Lead Inspector Peter Ludwig. The scope of the inspection consisted of determining and the locations, quantity and condition of the suspect materials present at the time of the inspection.

1.3 QUALITY CONTROL PROCEDURES:

JLC has integrated resources, technologies, and discipline to conduct the inspection and analysis based on the following principles:

i. All applicable regulations are addressed in order to assure that our field inspectors and lab personnel meet their responsibilities, do so cost-effectively, and are equipped with the practical knowledge they need in order to understand and comply with regulations that affect them.
ii. Care is taken to make certain that the information provided and actions recommended are practical and cost effective in achieving regulatory compliance.

The 'management' approach utilized assured that for this project all work performed received the highest quality service. All project results, reports and recommendations are reviewed for accuracy, content and quality prior to presentation. We recognize that the information in each assignment we undertake, that the information we develop, and the conclusions and advice we provide will be used to support important management decisions.

NYC-WTC_000125208

NYC 9/11 Public Portal Document

JLC's Quality Assurance Program requires that all personnel:

i. Provide specific objectives so that project activities can be evaluated with regards to precision, accuracy, reproducibility, completeness, and comparability.
ii. Provide specific guidance on the proper methodology for all activities.
iii. Be provided with ongoing training to enhance their technical skills.
iv. Be trained in QA/QC procedures and QC activities.
v. Review all reports until they are acceptable in terms of technical and editorial quality and all quality assurance activities have been successfully performed.

1.4 AREAS NOT ACCESSIBLE:

JLC inspected and sampled all materials that were observable and accessible to the survey team.

The following areas/materials were inaccessible:

1. Interior boiler lining at Boiler #2
2. Small boiler room behind oil tank room
3. Spandrel Flashing behind Brick Facing
4. Floor Tiles in Freight Elevator at Ground Floor
5. North bathroom at 4th Floor
6. Basement Room South of Stairwell # 2 and North of Sump Pump Room

The following areas/materials were not sampled due to safety concerns (live electric, etc.)

7. Skylight Caulking/Tar at Stairwell Bulkhead Roofs
8. Electrical wire insulation throughout building including basement, electrical panels on each floor and elevator machine room
9. Electrical panel board at basement and elevator machine room
10. Elevator break pads in basement at elevators

No interior or exterior demolition was done for sampling purposes. Suspect materials that may be present inside wall cavities, electrical wiring or which were otherwise inaccessible were not included in the scope of findings for this inspection. JLC recommends that prior to actual renovation activities, selective exploratory demolition be performed to locate any suspect asbestos or lead paint materials that may be present behind partitions, in columns, etc.

NYC-WTC_000125209

NYC 9/11 Public Portal Document

SECTION 2

ASBESTOS SURVEY REPORT

NYC-WTC_000125210

NYC 9/11 Public Portal Document

2.1 ASBESTOS INSPECTION & BULK SAMPLING PROCEDURES:

The asbestos inspection procedures were based on the guidelines established by the Asbestos Hazardous Emergency Response Act (AHERA), as set forth in 40 CFR Part 763 of October 30, 1987. The AHERA guidelines represent the most up-to-date inspection and sampling protocol available and as such were utilized during the inspection and sampling. For the purposes of this inspection, suspect ACM has been placed in three (3) material categories: Thermal Systems Insulation (TSI), Surfacing Materials and Miscellaneous Materials.

All accessible areas of the building at 130 Cedar Street were inspected physically, functional space by functional space and homogeneous area-by-homogeneous area to determine the presence or absence of asbestos-containing materials. No demolition was done for sampling purposes because the facilities are fully operational and are currently being used by building occupants. Electrical wiring insulation was not sampled or inspected because electric power could not be shut off.

Suspect materials that may be present inside wall cavities, electrical wiring or which were otherwise inaccessible were not included in the scope of this inspection. Core samples of friable and non-friable suspect materials were collected by penetrating the suspect material to its substrate. The bulk samples collected were placed in sealed containers, labeled with an identifying code and a sample log was kept. Representative samples of each sampling area were then submitted to the laboratory to be analyzed for asbestos content. The inspection involved the following tasks:

1. A visual determination as to the extent of visible and accessible suspect materials and conditions of the material.
2. Collection of suspect building materials for asbestos content.
3. All suspect friable and non-friable materials were quantified in their respective locations.
6. All suspect materials sampled were identified on the appropriate building floor plan diagram with an identifying sample number.
7. A Chain of Custody record was prepared to accompany bulk samples to the laboratory.

The assessment process includes classifying the material as Friable ACM or Non-Friable ACM. Friable ACM is the term given to any material that contains more than one percent (1%) asbestos by weight and can be crumbled, pulverized, or reduced to powder by hand or mechanical pressure. The word "Friability" refers to a material's likeliness to release airborne fibers when in situ, or under mechanical pressure. There is a greater possibility that a friable material will release fibers into the air when disturbed than will a non-friable material (i.e., floor tiles, roofing materials, etc.) thereby causing a potential hazard.

NYC-WTC_000125211

NYC 9/11 Public Portal Document

2.2 ASBESTOS BULK SAMPLE ANALYSIS AND METHODOLOGY:

The bulk samples of the suspect asbestos-containing materials collected were analyzed using Polarized Light Microscopy (PLM) in accordance with EPA 600/M4-82-021 by JLC Environmental Consultants, Inc. (JLC). The analysis involves microscopically observing the suspect asbestos containing materials with a low power stereo-scopic microscope to determine the homogeneity of the material. Forceps samples are then immersed in a refractive index solution, placed on a microscope slide, teased apart, covered with a cover slip, and observed with a polarized light microscope.

JLC's Laboratory is accredited by the New York State Department of Health Environmental Laboratory Approval Program (NYS DOH ELAP #11029) and by the National Institute of Standards and Technology under their National Voluntary Laboratory Accreditation Program (NVLAP #101953). Polarized light microscopy with dispersion staining (PLM-DS) is the most efficient method for detecting asbestos in bulk samples. It is this method that the JLC lab uses during bulk building material analyses.

A chain of custody is kept for each sample to ensure proper handling and delivery to the JLC lab prior to analysis. To avoid any possible contamination, all sample and slide preparation is carried out in a ventilated, HEPA-filter hood with continuous airflow. Sample analysis is performed using PLM-DS in accordance with the USEPA, "Method for the Determination of Asbestos in Bulk Building Materials," EPA 600 R-93 116, July 1993, and NYDOH-ELAP certification manual, "Polarized Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples," ELAP 198.1, October 1993.

All samples are subject to preliminary visual stereomicroscopic examination. Observation of homogeneity, fiber identification, and semi-quantitation of constituents can be made at this point. Samples lacking uniformity of composition and/or distribution of component materials then undergo homogenization. Some non-friable organically bound (NOB) samples such as floor tiles and roofing materials may require additional steps to dislodge problem matrices (i.e. ashing, extractions, and TEM).

Identification of suspect fibers is made by PLM analysis of subsamples. A microscope equipped with dual polarizing filters enables us to observe specific optical characteristics of each sample. Positive identification of asbestos requires determination of the following optical properties: morphology, color and pleochroism, refractive indices, birefringence, extinction characteristics, and signs of elongation.

Asbestos quantitation is performed by point-counting procedure, a standard technique in petrography for determining the relative areas occupied by separate minerals in rock. An ocular reticle superimposes a point or points over the microscope's field of view. The number of points positioned directly above each kind of particle or fiber is recorded. A total of 400 points must be counted over at least eight different representative subsamples to complete analysis.

NYC-WTC_000125212

NYC 9/11 Public Portal Document

JLC uses an Olympus BHT-P Polarizing Microscope complete with polarizer, analyzer, port for wave retardation plate, 360 degree graduated rotating stage, substage condenser, lamp and lamp iris, eyepiece reticle, and 25-point Chalkley Point Array. Plane polarized light allows for the determination of refraction indices relative to specific crystallographic orientations. Morphology and color can also be observed under plane polarized light. Observation of particles or fibers while oriented between polarizing filters whose privileged vibration directions are perpendicular allows for determination of isotropism/ anistropism, extinction characteristics of anisotropic particles, and calculation of birefringence. A retardation plate may be placed in the polarized light path for verification of signs of elongation.

NYS DOH ELAP states that Polarized Light Microscopy is not consistently reliable and conclusive in detecting asbestos in floor coverings and similar non-friable organically bound materials. Before this material can be considered or treated as non-asbestos-containing, Transmission Electron Microscopy must make confirmation.

Transmission Electron Microscopy (TEM) analysis of non-friable, organically bound (NOB's) materials was performed by EMSL Analytical, Inc. located at 307 West 38th Street, New York, NY 10018. (ELAP#11506, NVLAP# 101048-9).

2.3 SCOPE OF WORK FOR ASBESTOS CONTAINING MATERIALS:

The inspection for asbestos containing materials for 130 Cedar Street included the following locations:

1. Basement
2. Ground Floor
3. Floor 2-12
4. Main and Bulkhead Roofs
5. Terrace Roofs
6. Exterior Façade

The asbestos inspection involved a thorough visual examination of all areas and sampling of suspect materials that would be impacted during the proposed return. The following suspect materials were visually inspected, or sampled during the field inspection:

1. Mastic on Floor
2. Boiler Door Cement
3. Corrugated Pipe & Pipe Elbow Insulation (Various Sizes)
4. Duct Concrete/Cement
5. Red Brick Mortar
6. Sheetrock
7. 9x9 & 12x12 Floor Tiles and Mastic
8. Gasket on Pump Piping

NYC-WTC_000125213

NYC 9/11 Public Portal Document

9. Pump Piping Insulation
10. Concrete Block Mortar
11. Interior Boiler Lining
12. Exterior Boiler Coating
13. Exterior Boiler Canvas over Fiberglass
14. Boiler Pad Cement Coating Tar
15. Boiler Door Frame Mortar/Caulk
16. Chimney Access Door Frame Caulking
17. Flue Connector Sealant
18. Chimney Firebrick & Mortar
19. Ash in Chimney
20. Perimeter Water Proofing Tar
21. Fire Door Insulation
22. Gypsum Block
23. Wall Plaster Whitecoat and Browncoat
24. Ceramic Tile Grout and Mastic
25. Horsehair Pipe Insulation
26. Boiler Room Air Vent Caulking
27. Perimeter Flashing Tar
28. Baseboard Mastic
29. Spackling Compound on Wall
30. Wall Stucco
31. 2x4, 12"x12" & 2'x2' Perforated Ceiling Tiles
32. Interior & Exterior Brick Mortar
33. Caulking on Loading Door Gate Angle Support
34. Wall Cement Patch
35. Spandrel Flashing
36. Stairwell Bulkhead Caulking/Tar
37. Carpet Mastic
38. Floor Leveling Cement
39. Corrugated Pipe Insulation
40. Exterior Window Caulking (Old Windows)
41. Exterior Window Putty (Old Windows)
42. Interior Window Putty (Old Windows)
43. Interior Fan Unit Caulking
44. Skim Coat Plaster on Columns, Wall and Ceilings
45. Ceiling Tiles Mastic
46. Wall Mastic
47. Interior Fan Unit Caulking
48. Old Window Frame Caulking behind Aluminum Windows
49. 12x12 Peel and Stick Tiles
50. Wall Joint Compound

NYC-WTC_000125214

NYC 9/11 Public Portal Document

51. Multi-Colored Pipe Wrapping
52. Lintel Caulking
53. Cap Flashing Caulking
54. Roof Membrane
55. Roofing Fill
56. Screed Coat
57. Flashing Tar
58. Packed Cardboard Pipe Insulation
59. Inner lining to Packed Cardboard Insulation
60. Parapet Wall Stucco
61. Bulkhead Exterior Door Caulking
62. Bulkhead Flashing Tar
63. Tar Paper over Plywood
64. Bulkhead Tar
65. Duct Vibration Reducer Cloth
66. Pitch Pocket Tar
67. Water Tower Roof Shingle
68. Ceiling Tile Debris
69. Interior and Exterior Caulking on Aluminum Frame Windows
70. Electrical Wire Insulation
71. Electrical Panel Board
72. Stairwell Bulkhead Skylight Caulking/Tar
73. Exterior Loading Dock Door Frame Caulking
74. Exterior Expansion Joint Caulking on Sidewalk
75. Elevator Break Pads

2.4 SUMMARY OF FINDINGS FOR ACM:

Bulk samples of suspect materials were collected and analyzed using Polarized Light Microscopy (PLM) and Transmission Electron Microscopy Methods the following materials were confirmed, or assumed, to contain greater than one percent (1%) asbestos and are therefore classified as ACM.

1. Exterior Window Putty on Factory Windows
2. Interior Window Putty on Factory Windows
3. Exterior Window Caulking on Factory Windows
4. Old caulking behind aluminum window frames at North and South elevations
5. Pipe and pipe fittings insulation throughout building
6. Chimney access door frame caulk
7. Interior boiler lining (assumed ACM at Boiler 2)
8. Perimeter waterproofing tar (tank room in boiler room)

NYC-WTC_000125215

NYC 9/11 Public Portal Document

9. Perimeter flashing (tar) at 2nd floor stairwell #2 rear landing, main roof and terrace roof from 10-12th floors
10. Electrical wire insulation and panel board throughout building
11. Interior boiler access door frame caulk
12. Elevator break pads
13. Floor tiles and mastic
14. Ceiling skimcoat
15. Wall plaster
16. Wall skimcoat plaster
17. Carpet mastic
18. Floor leveling linoleum
19. Interior fan unit caulk
20. Window lintel caulking
21. Cap flashing caulking
22. Roof membrane
23. Flashing tar at roof perimeter and on bulkheads
24. Tar paper over ply wood at main roof
25. Pitch pocket tar
26. Spandrel beam flashing
27. Skylight caulking/tar

2.5 RECOMMENDATIONS FOR ACM:

All ACM that will be impacted by the renovation should be removed prior to work. Section 56-1.9 (e) of the New York State Department of Labor Industrial Code Rule 56 Asbestos Regulations states that:

> "If a building survey finds that a building to be demolished contains asbestos or asbestos containing material as defined in section 56-1.4 of this Subpart, no bids shall be advertised nor contracts awarded nor demolition work commenced by any owner or agent prior to completion of an asbestos remediation contract performed by a licensed asbestos contractor, in conformance with all standards set forth in this Part (rule)".

Abatement activities must be conducted in compliance with all applicable regulations, standards and generally accepted environmental and safety practices including Federal OSHA (29 CFR 1926.58), EPA NESHAPS (40 CFR Part 61), and TSCA Title II AHERA/ASHARA (40 CFR Part 763) Asbestos Regulations and the New York State Department of Labor Industrial Code Rule 56.

NYC-WTC_000125216

NYC-WTC_000125217

NYC 9/11 Public Portal Document

2.6 SCHEDULE OF JLC INSPECTION RESULTS FOR ACM:

The following table presents inspection results, by homogeneous area. (Enter all inspection results from chain of custodies)

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
Ground Floor	A	Mastic on Floor	001-003	Non-ACM	0 SF	Confirmed non-ACM
	C	**Window Putty**	**005-007**	**Assumed ACM**	**Refer to Section 2.7 for quantities**	**Factory windows to be removed and disposed of as ACM**
	D	**Window Putty**	**008-010**			
	E	New Window Caulking	011	Non-ACM	0 SF	New Caulking at Aluminum Windows was non-ACM
Basement	F	Boiler Door Cement	012	Non-ACM	0 SF	Confirmed non-ACM
	G	**2"x4" Elbow Insulation**	**013-015**	**ACM**	**Refer to Section 2.7 for pipe insulation quantities/ locations in basement**	**Confirmed ACM throughout basement**
	H	**2"X4" Corrugated Pipe Insulation**	**016-018**			
Basement	**I**	**10"x12" Elbow Insulation**	**019-021**			
			026-028			
	J	**10"x12" Corrugated Pipe Insulation**	**022-024**			
			029-031			
Basement	K	White Block	025	Non-ACM	0 SF	Confirmed non-ACM
	L	Duct Concrete	032		0 SF	
	M	Red Brick Mortar	033		0 LF	
	N	Sheet Rock	034		0 SF	
	O	Wall Plaster	035-039		0 SF	
Basement Sump Pump Room	U2	Gasket on Pump Piping	128-130	Non-ACM	0 LF	Confirmed non-ACM in Basement Sump Pump Room
	V2	Pump Piping Insulation (Brown Cloth Wrap)	131-133	Non-ACM	0 LF	
	W2	Concrete Block Mortar	134-136	Non-ACM	0 SF	
		Electrical Wire Insulation	**N/A**	**Assumed ACM**	**50 LF**	**Assumed ACM in Sump Pump Room**

NYC-WTC_000125218

NYC 9/11 Public Portal Document

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
Basement/ Boiler Room/	X2	Interior Boiler Lining	137-139	Non-ACM	0 SF	Materials were confirmed non-ACM in boiler room
	Y2	Exterior Boiler Coating	140-142	Non-ACM	0 SF	
	Z2	Boiler Exterior Canvas Over Fiberglass	143-145	Non-ACM	0 SF	
	A3	Boiler Pad Cement Coating Tar	146-148	Non-ACM	0 SF	
	B3	Door Panel Mortar	149-151	Non-ACM	0 SF	
	C3	**Chimney Access Door Frame Caulk**	**152-154**	**ACM**	**1 Door/ 20 LF**	**Confirmed ACM at chimney**
	D3	Flue Connector	155-157	Non-ACM	0 LF	Confirmed ACM in Boiler Room
	E3	Chimney Firebrick Mortar	158-160	Non-ACM	0 SF	
	F3	Chimney Firebrick	161-163	Non-ACM	0 SF	
	G3	Ash in Chimney	164-166	Non-ACM	0 SF	
		Interior Boiler Lining	**N/A**	**Assumed ACM**	**800 SF**	**Please see section 1.4**
		Electrical Wire Insulation	**N/A**	**Assumed ACM**	**100 LF**	**Please see section 1.4**
Basement	**H3**	**Perimeter Water Proof Tar**	**167-169**	**ACM**	**35 SF**	**Confirmed ACM at tank room near boiler room**

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
Entire Basement	I3	Fire Door Insulation	170-172	Non-ACM	0 SF	Confirmed non-ACM
	J3	Duct Cement	173-175	Non-ACM	0 SF	
	K3	Gypsum Block Wall	176-178	Non-ACM	0 SF	
Electrical Room		**Electrical Wire Insulation**	**N/A**	**Assumed ACM**	**1,000 LF**	**Please see section 1.4**
		Electrical Panel Board	**N/A**		**500 SF**	**Please see section 1.4**
Elevators		**Elevator Brake Pads**	**N/A**		**120 SF**	**Please see section 1.4**
2nd Floor	**P**	**3"x5" Corrugated Pipe Insulation**	**040**	**ACM**	**16 LF**	**Column D5**
	Q	Mastic of 9 x 9	041	Non-ACM	0 SF	Confirmed non-ACM
	R	Mastic of 12 x 12	042	Non-ACM	0 SF	Confirmed non-ACM
	S	Interior Window Caulking (Sliding)	043-045	Non-ACM	0 LF	Confirmed non-ACM
	T	Exterior Window Caulking (Sliding)	046-048	Non-ACM	0 SF	Confirmed non-ACM
	U	**Exterior Window Caulking (Old Window)**	**049-051**	**Assumed ACM**	**Refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM**
	V	**Exterior Window Putty (Old Window)**	**052-054**	**Assumed ACM**		
	W	**Interior Window Putty (Old Window)**	**055-057**	**Assumed ACM**		
3rd Floor	X	Interior Window Caulk	058	Non-ACM	0 SF	Confirmed non-ACM
	Y	Exterior Window Caulk	059	Non-ACM		
	Z	**Exterior Window Caulk Old**	**060**	**Assumed ACM**	**Please refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM**
	A1	Interior Window Mortar	061	Non-ACM		
	B1	**Exterior Window Putty (Old)**	**062**	**Assumed ACM**		

NYC 9/11 Public Portal Document

NYC-WTC_000125219

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
4th Floor	C1	Interior Window Caulk	063	Non-ACM	0 LF	Confirmed non-ACM at South & North Elevations
	D1	Exterior Window Caulking (New)	064	Assumed ACM	0 LF	
	E1	**Exterior Window Caulk (Old)**	**065**	**ACM**	**Refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM**
	F1	**Interior Putty (Old)**	**066**	**Assumed ACM**		
	G1	**Exterior Putty (Old)**	**067**	**Assumed ACM**		
	H1	**Floor Mastic**	**068**	**ACM**	**1,000 SF**	**Confirmed ACM**
5th Floor	**I1**	**2"x4" Corrugated Pipe Insulation**	**069**	**ACM**	**15 LF**	**Confirmed ACM at 5th Floor**
6th Floor	**J1**	**2"X4" Pipe Insulation**	**070**	**ACM**	**120 LF**	**Confirmed ACM**
	K1	**Elbow Insulation**	**071**	**ACM**	**3 SF**	**Confirmed ACM**
7th Floor	**L1**	**9x9 Floor Tile Green**	**072**	**ACM**	**750 SF**	**Remove floor tiles and mastic**
	M1	Mastic to Green 9x9	073	Non-ACM	0 SF	
	N1	**9x9 Gray Tile**	**074**	**ACM**	**750 SF**	
	O1	**Mastic to Gray 9x9**	**075**	**ACM**		
8th Floor-South Side	**P1**	**9x9 Floor Tiles**	**076-077**	**ACM**	**3,000 SF**	**Remove ACM floor tiles**
	Q1	Mastic to 9x9	078-079	Non-ACM	0 SF	Confirmed non-ACM

NYC 9/11 Public Portal Document

NYC-WTC_000125220

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE No.	LAB RESULTS	ACM QUANTITY	NOTES
8th Floor	R1	12x12 1st Layer	080-081	ACM	1,500 SF	Remove all layers as ACM down to concrete floor substrate
	S1	Mastic 1st Layer	082-083			
	T1	12X12 F.T. 2nd Layer	084-085			
	U1	Mastic to 2nd Layer	086-087			
	V1	9x9 F.T. 3rd Layer	088-089			
	W1	Mastic 3rd Layer	090-091			
9th Floor	X1	Mastic to Ceiling Tiles	092-094	Non-ACM	0 SF	Confirmed non-ACM
	Y1	9x9 Floor Tiles	095-097	ACM	4,000 SF	Remove floor tiles & mastic down to concrete deck
	Z1	Mastic to 9x9	098-100	ACM		
	A2	Exterior Window Caulking	101	ACM	Refer to Section 2.7 for window quantities	Old Factory windows to be removed and disposed of as ACM
	B2	Window Putty Interior	102	Assumed ACM		
10th Floor	C2	12x12 Floor Tiles	103		500 SF	Remove 12x12 ACM mastic and overlying floor tiles
	D2	Mastic to 12x12	104	ACM		
	E2	9x9 Floor Tile	105-106	ACM	8,000 SF	Remove 9x9 floor tiles
	F2	Mastic to 9x9	107-108	Non-ACM	0 SF	Confirmed non-ACM
11th Floor	G2	Pipe Insulation	109	ACM	4 LF	Confirmed ACM at the north side
	H2	9X9 Floor Tiles	110	ACM	200 SF	Confirmed ACM
	I2	9x9 Floor Tiles Mastic	111	Non-ACM/Trace	0 SF	Confirmed non-ACM
	J2	Floor Mastic	112	Non-ACM/Trace	0 SF	Confirmed non-ACM

NYC 9/11 Public Portal Document

NYC-WTC_000125221

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
12th Floor	K2	9x9 Floor Tiles	113-114	ACM	2,000 SF	Confirmed ACM
	L2	Mastic 9x9	115-116	Non-ACM	0 SF	Confirmed non-ACM
	M2	4x6 Pipe Insulation Corrugated	117	Non-ACM	0 LF	Confirmed non-ACM
	N2	4x6 Elbow	118	ACM	6 SF	Confirmed ACM
	O2	Pipe Insulation Non Corrugated (Solid Lag)	119	ACM	10 LF	
12th Floor	P2	Exterior Window Caulking	120	ACM	Please refer to Section 2.7 for window quantities	Old Factory windows to be removed and disposed of as ACM.
	Q2	Exterior Window Putty	121	ACM		
	R2	Interior Window Putty	122	Assumed ACM		
	S2	Interior Window Caulking (New)	123	Non-ACM	0 LF	Confirmed non-ACM
	T2	Exterior Window Caulk New	124	Non- ACM	0 LF	Confirmed non-ACM
Ground Fl.	U2	Ceiling Skim Coat	125-127	ACM	10,000 SF	Confirmed ACM
Ground Floor	L3	Wall Plaster White Coat	179-185	Non-ACM	0 SF	Confirmed non-ACM
	M3	Wall Plaster Brown Coat	186-192	Non-ACM	0 SF	Confirmed non-ACM
	N3	Interior Window Caulking	193-195	Non-ACM	0 SF	Confirmed non-ACM at North Wall
	O3	Ceramic Tile Mastic	196-198	Non-ACM	0 SF	Confirmed non-ACM
	P3	Ceramic Tile Grout	199-201	Non-ACM	0 SF	Confirmed non-ACM
2nd Floor	Q3	Perimeter Flashing	202-204	ACM	50 SF	Confirmed ACM at Stairwell 2 rear landing

NYC 9/11 Public Portal Document

NYC-WTC_0001252222

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
Ground Floor	R3	12x12 Floor Tiles	205-207	Non-ACM	0 SF	Confirmed non-ACM at elevators
	S3	12x12 Floor Tile Mastic	208-210	Non-ACM	0 SF	
	T3	Boiler Room Air Vent Caulking	211-213	Non-ACM	0 LF	Confirmed non-ACM in loading dock
	U3	Horsehair Pipe Fitting Insulation	214-216	Non-ACM	0 LF	
2nd Floor	V3	Baseboard Mastic	217-219	Non-ACM	0 SF	Confirmed Non-ACM at 2nd Floor
	W3	Stucco	220-222	Non-ACM	0 SF	
	X3	Spackling Compound on Wall	223-225	Non-ACM	0 SF	
	Y3	Baseboard Mastic	226-228	Non-ACM	0 SF	
	Z3	Ceramic Tile Grout	229-231	Non-ACM	0 SF	
	A4	Ceramic Tile Mastic	232-234	Non-ACM	0 SF	
	B4	Interior Brick Mortar	235-237	Non- ACM	0 SF	
	C4	Wall Plaster White Coat	238-240	Non-ACM	0 SF	
	D4	Wall Plaster Brown Coat	241-243	Non-ACM	0 SF	
	E4	Exterior Stucco	244-246	Non-ACM	0 SF	
	F4	Caulking on Loading Dock Gate Angle	247-249	Non-ACM	0 LF	

NYC 9/11 Public Portal Document

NYC-WTC_000125223

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
3rd Floor	**G4**	**Interior Window Putty**	**250-252**	**Assumed ACM**	**Please refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM**
	H4	Wall Cement Patch	253-255	Non-ACM	0 SF	Confirmed non-ACM at 3rd Floor
	I4	Ceramic Tile Mortar	256-258	Non-ACM	0 SF	
	J4	White Skim Coat	259-265	Non-ACM	0 SF	
	K4	Wall Plaster White Coat	266-270	Non-ACM	0 SF	
	L4	Wall Plaster Brown Coat	271-275	Non-ACM	0 SF	
4th Floor	M4	Wall Plaster White Coat	276-278	Non-ACM	0 SF	Confirmed non-ACM at 4th Floor
	N4	Wall Plaster Brown Coat	279-281	Non-ACM	0 SF	
	O4	White Plaster Skim Coat	282-286	Non-ACM	0 SF	
5th Floor – South East Corner Office	**P4**	**Carpet Mastic**	**287-289**	**Assumed ACM**	**200 SF**	**Remove carpet, and underlying flooring down to concrete deck**
	Q4	**Floor Leveling Cement/Linoleum**	**290-292**	**ACM**		
	R4	Baseboard Mastic	293-295	Non-ACM	0 SF	Confirmed non-ACM

NYC 9/11 Public Portal Document

NYC-WTC_0001125224

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
5th Floor	**S4**	**Interior Window Putty**	**296-298**	**Assumed ACM**	**Please refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM**
	T4	**Exterior Window Putty**	**299-301**	**ACM**		
	U4	**Exterior Window Caulking**	**302-304**	**ACM**		
	V4	12x12 Ceiling Tiles	305-307	Non-ACM	0 SF	Confirmed non-ACM
	W4	**Corrugated Pipe Insulation**	**308-310**	**ACM**	**15 LF**	**In North Bathroom**
	X4	Ceramic Tile Mastic	311-313	Non-ACM	0 SF	Confirmed non-ACM
	Y4	Ceramic Tile Grout	314-316	Non-ACM	0 SF	Confirmed non-ACM
	Z4	Floor Tile Mastic	317-319	Non-ACM	0 SF	Confirmed non-ACM
	A5	**12x12 Floor Tile**	**320-322**	**ACM**	**200 SF**	**Confirmed ACM at North East Area**
6th Floor	**B6**	**12x12 Floor Tiles Top Layer**	**323-325**	**Assumed ACM**	**2,500 SF**	**Remove ACM floor tiles and mastic**
	C6	**12x12 Floor Tiles Mastic**	**326-328**	**Assumed ACM**		
	D6	**9x9 Floor Tiles Top Layer**	**329-331**	**ACM**		
	E6	Mastic to 9x9 Floor Tiles 2nd Layer	332-334	Non-ACM	0 SF	Bottom layer mastic was confirmed non-ACM

NYC 9/11 Public Portal Document

NYC-WTC_000125225

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
6th Floor	F6	**Exterior Window Caulking (Old)**	**335-337**	**ACM**	**Please refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM waste.**
	G6	**Exterior Window Putty (Old)**	**338-340**	**ACM**		
	H6	**Interior Window Putty**	**341-343**	**Assumed ACM**		
	I6	Ceiling Tile Mastic	344-346	Non-ACM	0 SF	Confirmed non-ACM
	J6	Wall Mastic	347-349	Non-ACM	0 SF	
	K6	**Interior Fan Unit Caulking**	**350-352**	**ACM**	**80 LF**	**Remove with Old Factory Windows**
	L6	Wall Plaster White Coat	353-355	Non-ACM	0 SF	Confirmed non-ACM at 6th Floor
	M6	Wall Plaster Brown Coat	356-358	Non-ACM	0 SF	
7th Floor	N6	**Interior Window Putty**	**359-361**	**Assumed ACM**	**See Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM**
	O6	**Exterior Window Putty**	**362-364**			
	P6	**Exterior Window Caulking**	**365-367**			
	Q6	**Wall Plaster White Coat**	**368-370**	**ACM**	**5,000 SF**	**Wall plaster was confirmed ACM at 7th Floor**
	R6	**Wall Plaster Brown Coat**	**371-373**	**ACM**	**5,000 SF**	
	S6	**Skim Coat Plaster on Columns**	**374-378**	**ACM**	**2,500 SF**	

NYC 9/11 Public Portal Document

NYC-WTC_000125226

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
8th Floor	T6	Wall Joint Compound	379-381	Non-ACM	0 SF	Confirmed non-ACM at 8th Floor
	U6	Skim Coat/ Stucco	382-384	Non-ACM	0 SF	
	V6	**Exterior Window Caulking Old**	**385-387**	**Assumed ACM**	**Please refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM waste.**
	W6	**Exterior Window Putty**	**388-390**	**ACM**		
	X6	**Interior Window Putty**	**391-393**	**Assumed ACM**		
	Y6	2x2 Ceiling Tiles	394-396	Non-ACM	0 SF	Confirmed non-ACM
	Z6	Pipe Wrapping	397-399	Non-ACM	0 LF	
9th Floor	A7	Wall Skim Coat	400-402	Trace/Non -ACM	0 SF	Confirmed non-ACM
	B7	Ceiling Skim Coat	403-405	Trace/Non -ACM	0 SF	
	C7	**Exterior Window Putty**	**406-408**	**ACM**	**Please refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM waste.**
	D7	**Old Window Frame Caulking Behind Aluminum Windows**	**409-411**	**ACM**	**Confirmed ACM, condition assumed to exist at all aluminum windows on North and South Elevations please refer to section 2.7 for quantities and locations**	
	E7	New Frame Caulking on Aluminum Windows (Interior)	412-414	Non-ACM	0 LF	Confirmed non-ACM

NYC 9/11 Public Portal Document

NYC-WTC_000125227

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
9th Floor – North Bathroom	F7	Mastic to 9x9 Floor Tiles (Bottom Layer)	415-417	Non-ACM	0 SF	Confirmed non-ACM at North Bathroom
	G7	9x9 Floor Tiles (Middle Layer)	418-420	Non-ACM	0 SF	
	H7	12x12 Peel and Stick Tiles Top Layer	421-423	Non-ACM	0 SF	
Exterior Facade	I7	Exterior Brick Mortar	424-426	Non-ACM	0 SF	Confirmed non-ACM
Entire Facade	**J7**	**Lintel Caulking**	**427-429**	**ACM**	**Please see Section 2.7 for quantities and locations of ACM lintel caulking**	
10-12 Floor Terrace Roofs	**K7**	**Cap Flashing/Coping Stone Caulking**	**430-432**	**ACM**	**Please refer to Section 2.7 for specific quantities**	**Confirmed ACM**
10th Floor	**L7**	**Interior Window Putty**	**433-435**	**Assumed ACM**	**Please refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM**
	M7	**Exterior Window Caulking**	**436-438**	**ACM**		
	N7	**Exterior Window Putty**	**439-441**	**ACM**		
Floors 10-12	O7	Wall Plaster White Coat	442-450	Non-ACM	0 SF	Confirmed non-ACM
	P7	Wall Plaster Brown Coat	451-459	Non-ACM	0 SF	
10-12 Floor Terraces	**Q7**	**Roof Membrane**	**460-462**	**Assumed ACM**	**Please refer to Section 2.7 for specific quantities**	**Remove with flashing tar along seams and perimeter flashing**
	R7	Roofing Fill	463-465	Non-ACM	0 SF	Confirmed non-ACM
	S7	Screed Coat	466-468	Non-ACM	0 SF	

NYC 9/11 Public Portal Document

NYC-WTC_000125228

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
10-12th Floor Terraces	**T7**	**Flashing Tar**	**469-471**	**ACM**	**Refer to Section 2.7 for specific quantities**	**Confirmed ACM**
11th Floor	**U7**	**Exterior Window Putty**	**472-474**	**ACM**	**Please refer to Section 2.7 for window quantities**	**Old Factory windows to be removed and disposed of as ACM**
	V7	**Exterior Caulking**	**475-477**	**ACM**		
12th Floor near elevator	W7	Packed Cardboard Pipe Insulation	478-480	Non-ACM	0 LF	Confirmed non-ACM near elevator
	X7	Inner Lining to Packed Cardboard Pipe Insulation	481-483	Non-ACM	0 LF	
	Y7	**Corrugated Pipe Insulation on 2" O.D. Pipe**	**484-486**	**ACM**	**20 LF**	Remove all pipe and pipe fittings insulation on Corrugated 2" pipe
	Z7	Sheetrock	487-489	Non-ACM	0 SF	Confirmed non-ACM
Main Roof and Exterior of Bulkheads	**A8**	**Roof Membrane Top**	**490-493**	**ACM**	**4,500 SF**	**Confirmed ACM**
	B8	Roof Screed Coat	494-497	Non-ACM	0 SF	Confirmed non-ACM
	C8	**Perimeter Flashing Tar**	**498-500**	**ACM**	**1,200 SF**	**Confirmed ACM**
	D8	Parapet Wall Stucco	501-503	Non-ACM	0 SF	Confirmed non-ACM
	E8	**Bulkhead Exterior Door Caulking**	**504-506**	**ACM**	**80 LF/ 6 Doors**	**Confirmed ACM At Bulkheads**
	F8	**Bulkhead Flashing Tar**	**507-509**	**ACM**	**200 SF**	
	G8	**Exterior Window Caulking**	**510-512**	**ACM**	**220 LF**	

NYC 9/11 Public Portal Document

NYC-WTC_000125229

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
Main Roof	**H8**	**Tar Paper Over Ply Wood at Main Roof**	**513-515**	**ACM**	**684 SF**	Main Roof
Bulkheads	**I8**	**Bulkhead Tar**	**516-518**	**ACM**	**6,000 SF**	**Confirmed ACM at Bulkhead Elevations**
	J8	Duct Vibration Reducer Cloth	519-521	Non-ACM	0 SF	Fan Room Bulkhead
	K8	Exterior Window Putty	522-524	Non-ACM	0 LF	Confirmed non-ACM
	L8	Stucco Exterior	525-527	Non-ACM	0 SF	
	M8	Window Putty Interior	528-530	Non-ACM	0 LF	
Water Tower Bulkhead	**N8**	**Roofing Membrane**	**531-533**	**ACM**	**800 SF**	**Confirmed ACM at Water Tower Bulkhead**
	O8	Screed Coat	534-536	Non-ACM	0 SF	Confirmed non-ACM
	P8	**Perimeter Flashing**	**537-539**	**ACM**	**120 SF**	**Confirmed ACM**
	Q8	**Pitch Pocket Tar**	**540-542**	**ACM**	**20 SF**	**Confirmed ACM**
Water Tank Top	R8	Roof Shingle	543-545	Non-ACM	0 SF	Confirmed non-ACM
Fan Room Bulkhead	S8	Roof Membrane	546-548	Non-ACM	0 SF	Confirmed non-ACM
	T8	Screed Coat	549-551	Non-ACM	0 SF	Confirmed non-ACM
	U8	**Perimeter Flashing**	**552-554**	**ACM**	**150 SF**	**Confirmed ACM**
Roof	V8	Ceiling Skim Coat	555-557	Non-ACM	0 SF	Confirmed non-ACM

NYC 9/11 Public Portal Document

NYC-WTC_000125230

SPECIFIC LOCATION	HA	ACM THAT MAY BE AFFECTED	SAMPLE NO	LAB RESULTS	ACM QUANTITY	NOTES
Tank Room Bulkhead under Water Tower	W8	Packed Cardboard Pipe Insulation	558-560	Non-ACM	0 LF	Confirmed non-ACM
	X8	Inner Lining to Packed Cardboard	561-563	Non-ACM	0 LF	
	Y8	Ceiling Tile Debris	564-566	Non-ACM	0 SF	
	Z8	**Corrugated Pipe Insulation 2" O.D. Pipe**	**567-569**	**ACM**	**150 LF**	**Confirmed ACM-poor condition**
	A9	**Pipe Fitting Insulation to 2" O.D. Pipe**	**570-572**	**ACM**	**20 SF**	
Ground Floor	B9	Exterior Door Frame Caulking	573-575	Non-ACM	0 LF	Confirmed non-ACM at Ground Floor Exterior
	C10	Expansion Joint Caulking	576-578	Non-ACM	0 LF	
	D11	Concrete	579-581	Non-ACM	0 SF	
Stairwell Bulkheads		**Skylight Caulking/Tar**	**N/A**	**Assumed ACM**	**Stairwell 1: 80 SF Stairwell 2: 80 SF**	**Inaccessible area**
Exterior Facade		**Spandrel Flashing**	**N/A**	**Assumed ACM**	**See Section 2.7 for specific quantities**	**Inaccessible during survey**
9th Floor	E9	Wall plaster white coat	582-584	Non-ACM	0 SF	Confirmed non-ACM
	F9	Wall Plaster Brown coat	585-587	Non-ACM	0 SF	
8th Floor	G9	Wall plaster white coat	588-590	Non-ACM	0 SF	Confirmed non-ACM
	H9	Wall Plaster Brown coat	591-593	Non-ACM	0 SF	
Elevators		Floor Tiles in Freight Elevators	N/A	Assumed ACM	**100 SF per elevator**	**Assumed ACM, no access on date of survey**

NYC 9/11 Public Portal Document

NYC-WTC_000125231

2.7 ASBESTOS QUANTITY SCHEDULE:

The following table lists all ACM identified during the survey:

LOCATION		ACM TYPE	LAB RESULTS	ACM QUANTITY	NOTES
FLOOR	AREA				
Basement	Boiler Room	Chimney Access Door Frame Caulk	ACM	1 Door/ 20 LF	Confirmed ACM
	Boiler Room	Interior Boiler Lining	Assumed ACM	800 SF	Boiler 2 interior
	Pump room	Perimeter Water Proof Tar	ACM	35 SF	Confirmed ACM
2nd Floor	At Column D5	3"x5" Corrugated Pipe Insulation	ACM	16 LF	East side
4th Floor	Entire	Floor Mastic	ACM	1,000 SF	North area
5th Floor	Entire	2"x4" Corrugated Pipe Insulation	ACM	15 LF	Confirmed AC
6th Floor	Entire	2"X4" Pipe Insulation	ACM	120 LF	Confirmed ACM
		Elbow Insulation	ACM	3 SF	Confirmed ACM
7th Floor	Entire	9x9 Floor Tile Green	ACM	1,500 SF	Remove all layers to substrate at North Side
	Entire	9x9 Gray Tile	ACM		
		Mastic to Gray 9x9	ACM		
8th Floor	South Side	9x9 Floor Tiles	ACM	3,000 SF	
8th Floor	Entire Floor	12x12 1st Layer	ACM	1,500 SF	Remove all layers to concrete deck
		Mastic 1st Layer			
		12X12 F.T. 2nd Layer			
		Mastic to 2nd Layer			
		9x9 F.T. 3rd Layer			
		Mastic 3rd Layer			
9th Floor	Entire Floor	9x9 Floor Tiles	ACM	4,000 SF	Remove floor tiles & mastic
		Mastic to 9x9			

NYC 9/11 Public Portal Document

NYC-WTC_000125232

LOCATION		ACM TYPE	LAB RESULTS	ACM QUANTITY	NOTES
FLOOR	AREA				
10th Floor	Entire	12x12 Floor Tiles	Assumed ACM	500 SF	Confirmed ACM
		Mastic to 12x12	ACM		
		9x9 Floor Tile	ACM	8,000 SF	Confirmed ACM
11th Floor	North Side	Pipe Insulation	ACM	4 LF	North side
	North Side	9X9 Floor Tiles	ACM	200 SF	Confirmed ACM
12th Floor	Entire floor	9x9 Floor Tiles	ACM	2,000 SF	Confirmed ACM
	Near Elevator	4x6 Elbow	ACM	6 SF	Confirmed ACM
		Solid Lag Pipe Insulation	ACM	10 LF	
		Corrugated Pipe Insulation on 2" O.D. Pipe	ACM	20 LF	
Ground Fl.	Entire	Ceiling Skim Coat	ACM	10,000 SF	Entire Floor
2nd Floor	Stairwell #2	Perimeter Flashing	ACM	50 SF	Rear Landing
5th Floor–	South East Corner Office	Carpet Mastic	Assumed ACM	200 SF	Remove carpet, and underlying flooring
		Floor Leveling Cement/Linoleum	ACM		
6th Floor	Bathroom	Corrugated Pipe Insulation	ACM	15 LF	In North Bathroom
	NE Area	12x12 Floor Tile	ACM	200 SF	Confirmed ACM at
	Entire	12x12 Floor Tiles Top Layer	Assumed ACM	2,500 SF	Remove ACM floor tiles and mastic
		12x12 Floor Tiles Mastic	Assumed ACM		
		9x9 Floor Tiles Top Layer	ACM		
	Windows	Interior Fan Unit Caulking	ACM	80 LF	At old factory windows

NYC 9/11 Public Portal Document

NYC-WTC_0001125233

LOCATION		ACM TYPE	LAB RESULTS	ACM QUANTITY	NOTES
FLOOR	AREA				
7th Floor	Entire	Wall Plaster White Coat	ACM	5,000 SF	Wall plaster was confirmed ACM at 7th Floor
	Entire	Wall Plaster Brown Coat	ACM	5,000 SF	
	Entire	Skim Coat Plaster on Columns	ACM	2,500 SF	
Main Roof	Entire Roof	Roof Membrane Top	ACM	4,500 SF	Confirmed ACM At Main Roof
		Perimeter Flashing Tar	ACM	1,200 SF	
		Tar Paper Over Ply Wood	ACM	684 SF	
Bulkheads	Bulkhead Exterior Elevations	Bulkhead Exterior Door Caulking	ACM	80 LF/ 6 Doors	Confirmed ACM At Bulkheads
		Bulkhead Flashing Tar	ACM	200 SF	
		Exterior Window Caulking	ACM	220 LF	
		Bulkhead Tar	ACM	6,000 SF	
Water Tower Bulkhead Roof	Entire Roof	Roofing Membrane	ACM	800 SF	Confirmed ACM at Water Tower Bulkhead
		Perimeter Flashing	ACM	120 SF	
		Pitch Pocket Tar	ACM	20 SF	
Fan Room	Bulkhead Roof	Perimeter Flashing	ACM	150 SF	Confirmed ACM
Tank Room	Under Water Tower Roof	Corrugated Insulation 2" O.D. Pipe	ACM	150 LF	Confirmed ACM-poor condition
		Pipe Fitting Insulation to 2" O.D. Pipe	ACM	20 SF	

NYC 9/11 Public Portal Document

NYC-WTC_000125234

LOCATION		ACM TYPE	LAB RESULTS	ACM QUANTITY	NOTES
FLOOR	AREA				
Basement	Elevator Shafts	Elevator Break Pads	Assumed ACM	120 SF	Assumed ACM
Basement	Electrical Room	Electrical Panel Board	Assumed ACM	1,000 SF	Assumed ACM
Roof	Elevator Bulkhead	Electrical Panel Board	Assumed ACM	500 SF	Machine Room
Ground Floor	Exterior Façade	Window Lintel Caulking	Confirmed ACM	17 MO/ 400 LF	Confirmed ACM at all lintels – please refer to Appendix F for actual dimension and number of window bays
2nd Floor	" "	" "	" "	17 MO/ 400 LF	
3rd Floor	" "	" "	" "	17 MO/ 400 LF	
4th Floor	" "	" "	" "	17 MO/ 400 LF	
5th Floor	" "	" "	" "	17 MO/ 400 LF	
6th Floor	" "	" "	" "	17 MO/ 400 LF	
7th Floor	" "	" "	" "	17 MO/ 400 LF	
8th Floor	" "	" "	" "	17 MO/ 400 LF	
9th Floor	" "	" "	" "	29 MO/ 720 LF	
10th Floor	" "	" "	" "	28 MO/ 720 LF	
11th Floor	" "	" "	" "	28 MO/ 720 LF	
12th Floor	" "	" "	" "	30 MO/ 750 LF	
Ground Floor	Exterior Façade	Old Window Frame Caulk at Aluminum Window Frames	Confirmed ACM	8 MO/ 360 LF	Confirmed ACM at all North and South Aluminum windows – please refer to Appendix F for actual dimension and number of window bays
2nd Floor	" "		" "	8 MO/ 360 LF	
3rd Floor	" "		" "	8 MO/ 360 LF	
4th Floor	" "	" "	" "	8 MO/ 360 LF	
5th Floor	" "	" "	" "	8 MO/ 360 LF	
6th Floor	" "	" "	" "	8 MO/ 360 LF	
7th Floor	" "	" "	" "	8 MO/ 360 LF	
8th Floor	" "	" "	" "	8 MO/ 360 LF	
9th Floor	" "	" "	" "	14 MO/ 510 LF	
10th Floor	" "	" "	" "	13 MO/ 500 LF	
11th Floor	" "	" "	" "	14 MO/ 510 LF	
12th Floor	" "	" "	" "	15 MO/ 460 LF	

NYC 9/11 Public Portal Document

NYC-WTC_000125235

LOCATION		ACM TYPE	LAB RESULTS	ACM QUANTITY	NOTES
FLOOR	AREA				
Ground Floor	Exterior Façade	Exterior Caulking	Confirmed ACM	9 MO/ 330 LF	Confirmed ACM at all old factory windows – please refer to Appendix F for actual dimension and number of window bays
2nd Floor	" "	" "	" "	9 MO/ 330 LF	
3rd Floor	" "	" "	" "	9 MO/ 330 LF	
4th Floor	" "	" "	" "	9 MO/ 330 LF	
5th Floor	" "	" "	" "	9 MO/ 330 LF	
6th Floor	" "	" "	" "	9 MO/ 330 LF	
7th Floor	" "	" "	" "	9 MO/ 330 LF	
8th Floor	" "	" "	" "	9 MO/ 330 LF	
9th Floor	" "	" "	" "	15 MO/ 800 LF	
10th Floor	" "	" "	" "	15 MO/ 750 LF	
11th Floor	" "	" "	" "	14 MO/ 766 LF	
12th Floor	" "	" "	" "	15 MO/ 800 LF	
Ground Floor	Exterior Facade	Exterior/Interior Putty	Confirmed ACM	9 MO/ 2,250 LF	Confirmed ACM at all old factory windows – please refer to Appendix F for actual dimension and number of window bays
2nd Floor	" "	" "	" "	9 MO/ 2,250 LF	
3rd Floor	" "	" "	" "	9 MO/ 2,250 LF	
4th Floor	" "	" "	" "	9 MO/ 2,250 LF	
5th Floor	" "	" "	" "	9 MO/ 2,250 LF	
6th Floor	" "	" "	" "	9 MO/ 2,250 LF	
7th Floor	" "	" "	" "	9 MO/ 2,250 LF	
8th Floor	" "	" "	" "	9 MO/ 2,250 LF	
9th Floor	" "	" "	" "	15 MO/ 4,050 LF	
10th Floor	" "	" "	" "	15 MO/ 3,750 LF	
11th Floor	" "	" "	" "	14 MO/ 3,750 LF	
12th Floor	" "	" "	" "	15 MO/ 4,050 LF	

NYC 9/11 Public Portal Document

NYC-WTC_0001125236

LOCATION		ACM TYPE	LAB RESULTS	ACM QUANTITY	NOTES
FLOOR	AREA				
Ground Floor	Pipe Chase Near North Bathroom	Pipe Insulation on Risers	ACM	50 LF	Contractor demolish walls in controlled fashion, pipe insulation was observed to be in poor condition
2nd Floor	" "	" "	" "	50 LF	
3rd Floor	" "	" "	" "	50 LF	
4th Floor	" "	" "	" "	50 LF	
5th Floor	" "	" "	" "	50 LF	
6th Floor	" "	" "	" "	50 LF	
7th Floor	" "	" "	" "	50 LF	
8th Floor	" "	" "	" "	50 LF	
9th Floor	" "	" "	" "	50 LF	
10th Floor	" "	" "	" "	50 LF	
11th Floor	" "	" "	" "	50 LF	
12th Floor	" "	" "	" "	50 LF	
Basement	Boiler Room	Electrical Wire Insulation	Assumed ACM	100 LF	Assumed ACM in Basement
	Sump Pump Room	" "	" "	50 LF	
	Electrical Room	" "	" "	2,000 LF	
Ground Floor	Electrical Closet	" "	" "	50 LF	Assumed ACM at Electrical Closet on each floor near elevators
2nd Floor	" "	" "	" "	50 LF	
3rd Floor	" "	" "	" "	50 LF	
4th Floor	" "	" "	" "	50 LF	
5th Floor	" "	" "	" "	50 LF	
6th Floor	" "	" "	" "	50 LF	
7th Floor	" "	" "	" "	50 LF	
8th Floor	" "	" "	" "	50 LF	
9th Floor	" "	" "	" "	50 LF	

NYC 9/11 Public Portal Document

NYC-WTC_000125237

LOCATION		ACM TYPE	LAB RESULTS	ACM QUANTITY	NOTES
FLOOR	AREA				
10th Floor	Electrical Closet	Electrical Wire Insulation	Assumed ACM	50 LF	Assumed ACM
11th Floor	" "	" "	" "	50 LF	
12th Floor	" "	" "	" "	50 LF	
Bulkhead	Elev. Machine Rm.	" "	" "	1,500 LF	
Basement	SE Corner Room	Pipe & Fittings Insulation	Confirmed ACM	50 LF	Remove pipe & pipe fittings insulation. Contractor to demolish pipe chase in sump pump room plenum
	Large Room at SE	" "	" "	400 LF	
	Electrical Room	" "	" "	400 LF	
	Telephone Room	" "	" "	30 LF	
	Sump Pump Room	" "	" "	60 LF	
	Stair # 2 Landing	" "	" "	25 LF	
	North Center Room	" "	" "	300 LF	
	Hallway	" "	" "	400 LF	
	NE Duct Room	" "	" "	300 LF	
10th Floor – Terraces	North Terrace	Roof Membrane	Assumed ACM	1,280 SF	Assumed ACM Remove with ACM flashing seam tar and perimeter flashing tar at all Terraces
	South Terrace	" "	" "	1,280 SF	
11th Floor-Terraces	North West Terrace	Roof Membrane	Assumed ACM	120 SF	
	North East Terrace	" "	" "	120 SF	
	South East Terrace	" "	" "	120 SF	
	South West Terrace	" "	" "	120 SF	
12th Floor-Terraces	North West Terrace	Roof Membrane	Assumed ACM	200 SF	
	North East Terrace	" "	" "	100 SF	
	South East Terrace	" "	" "	100 SF	
	South West Terrace	" "	" "	100 SF	

NYC 9/11 Public Portal Document

NYC-WTC_000125238

LOCATION		ACM TYPE	LAB RESULTS	ACM QUANTITY	NOTES
FLOOR	AREA				
10th Floor-Terraces	North Terrace	Perimeter Flashing Tar	Confirmed ACM	280 LF	Confirmed ACM
	South Terrace			280 LF	
11th Floor-Terraces	North West Terrace	Perimeter Flashing Tar	Confirmed ACM	40 SF	Confirmed ACM
	North East Terrace	" "	" "	40 SF	
	South East Terrace	" "	" "	40 SF	
	South West Terrace	" "	" "	40 SF	
12th Floor-Terraces	North West Terrace	Perimeter Flashing Tar	Confirmed ACM	80 SF	Confirmed ACM
	North East Terrace	" "	" "	40 SF	
	South East Terrace	" "	" "	40 SF	
	South West Terrace	" "	" "	40 SF	
10th Floor – Terraces	North Terrace	Coping Stone Tar	Confirmed ACM	300 LF	Confirmed ACM
	South Terrace			300 LF	
11th Floor-Terraces	North West Terrace	Coping Stone Tar	Confirmed ACM	80 LF	Confirmed ACM
	North East Terrace	" "	" "	80 LF	
	South East Terrace	" "	" "	80 LF	
	South West Terrace	" "	" "	80 LF	
12th Floor-Terraces	North West Terrace	Coping Stone Tar	Confirmed ACM	120 LF	Confirmed ACM
	North East Terrace	" "	" "	80 LF	
	South East Terrace	" "	" "	80 LF	
	South West Terrace	" "	" "	80 LF	
Roof	Stairwell Bulkhead	Skylight Caulking/Tar	Assumed ACM	Stairwell 1: 80 SF	Assumed ACM
		" "	" "	Stairwell 2: 80 SF	
G-12 Floors	Exterior Façade	Spandrel Flashing	Assumed ACM	TBD	Assumed ACM- Please refer to Appendix F for quantities at each elevation

NYC 9/11 Public Portal Document

NYC-WTC_000125239

NYC 9/11 Public Portal Document

SECTION 3

LEAD PAINT SURVEY REPORT

NYC-WTC_000125240

NYC 9/11 Public Portal Document

3.1 LEAD PAINT INSPECTION AND SAMPLING PROCEDURES:

The U.S. Department of Housing and Urban Development (HUD) and the U.S. Environmental Protection Agency (EPA) define an inspection as a surface-by surface investigation to determine the presence of lead-based paint (see 40 CFR part 745 and Title X of the 1992 Housing and Community Development Act).

As per the EPA & HUD guidelines lead based paint is defined as a dried paint film with a lead concentration of greater than or equal to 1.0 mg/cm^2 or 0.5 percent by weight for this survey. Lead paint amounts were reported mg/cm^2 because this unit of measurement does not depend on the number of layers of non-lead based paint.

A. Portable XRF Testing Machines

Portable XRF lead-based paint analyzers are the most common primary analytical method for inspections because of their demonstrated abilities to:

1. Determine if lead-based paint is present on many different types of surfaces
2. Measure the paint without destructive sampling or paint removal
3. Provide sample results immediately and at a relatively low cost per sample

Portable XRF instruments expose a building component to X rays or gamma radiation, which causes lead to emit X rays with a characteristic frequency or energy. The intensity of this radiation is measured by the instrument. The inspector must then compare this displayed value (reading) with the inconclusive range or threshold specified in the XRF Performance Characteristic Sheet for the specific substrate beneath the painted surface. If the reading is less than the lower boundary of the inconclusive range, or less than the threshold, then the reading is considered negative. If the reading is greater than the upper boundary of the inconclusive range, or greater or equal to the threshold, then the reading is considered positive. Readings within the inconclusive range, including its boundary values, are considered inconclusive. Because the inconclusive ranges and/or thresholds shown in the Performance Characteristic Sheet are based on 1.0 mg/cm^2, positive and negative readings are consistent with the HUD definition of lead-based paint for identification and disclosure purposes.

B. XRF Inspection Methodology

JLC conducts LBP Inspections using XRF methodology in a strict and rigorous manner. Our inspection methodology is based on Chapter 7 of the U.S. Department of Housing and Urban Development's (HUD) *Guidelines For the Evaluation and Control of Lead Based Paint Hazards in Housing.* A typical Lead-Based Paint Inspection involves several distinct tasks:

NYC-WTC_000125241

NYC 9/11 Public Portal Document

1. The inspector enters the area to be inspected, identifies all room equivalents and creates a hand sketch of the area. Room 1 is to be the room which contains the entry door to the dwelling or facility. Each subsequent room equivalent is then numbered. Room 2 is designated as the room which is nearest to the left hand side of Room 1 (if facing the dwelling with back towards the dwelling's primary entrance). Room numbering is then continued in a clockwise fashion.

2. The inspector then identifies each testing combination in Room 1. A testing combination is defined as a unique combination of room equivalent, building component type, and substrate. The color, condition and location of the testing combination is also noted. Locations are designated as follows: Wall 1 is the wall directly to the back of the inspector when he or she enters the room equivalent. Subsequent walls are numbered in a clockwise fashion. For example, if the inspector was noting the location of the entry door of a bedroom, that door would be located on wall 1. If he was noting the location of a window to his left, that window would be located on wall 2. Components such as light fixtures and ceilings are noted as located on the ceiling, and components that are not near a wall are noted as located in the room center.

3. Using the XRF device, the inspector collects readings from all testing combinations in Room 1.

4. When all testing combinations are tested, the inspector then continues the inspection with the remaining room equivalents.

5. The inspection is finished when all testing combinations in the dwelling or facility have been tested.

3.2 SCOPE OF WORK FOR LEAD BASED PAINT:

The inspection for lead based paint included the following locations:

1. Basement
2. Ground Floor
3. Floor 2-12
4. Main and Bulkhead Roofs
5. Terrace Roofs
6. Exterior Façade

The inspection was characterized by a close visual inspection of all accessible areas. Suspect paints were sampled and inventoried for quantity and condition. Components examined included:

1. Lower Wall

NYC-WTC_000125242

NYC 9/11 Public Portal Document

2. Upper Wall
3. Ceiling
4. Door
5. Door Frame
6. Pipe
7. Hand Rail
8. Stair Tread
9. Stair Riser
10. Electrical Conduit
11. Wall
12. Tank #1
13. Tank #2
14. Access Panel
15. Door Large
16. Door Frame Large
17. Column
18. Pipe Large
19. Pipe Small
20. Electrical Box
21. Floor
22. Ladder
23. Post

3.3 SUMMARY OF FINDINGS FOR LBP:

Lead Based Paint was detected in the following painted surfaces tested (>1.0 mg/cm^2 as per EPA/HUD Standards):

1. Lower Wall
2. Upper Wall
3. Door
4. Door Frame
5. Pipe
6. Hand Rail
7. Stair Tread
8. Stair Riser
9. Electrical Conduit
10. Wall
11. Door Large
12. Door Frame Large
13. Column
14. Pipes
15. Ladder

NYC-WTC_000125243

NYC 9/11 Public Portal Document

3.4 RECOMMENDATIONS FOR LBP:

Two (2) options are recommended to address LBP in the work area.

1. All LBP that will be disturbed by any proposed renovations should be removed in accordance with applicable federal, state and local regulatory requirements. It should be noted that personal air monitoring should be conducted when disturbing lead based paints and lead containing materials as per 29 CFR 1926.62 (OSHA).

3.5 LEAD BASED PAINT QUANTITY SCHEDULE:

Approximate quantities and locations of lead based paint are presented in the following table. Please refer to Appendix B for a complete and detailed report of all XRF testing performed in the facility.

LOCATION		COMPONENT	XRF RESULTS (mg/cm^2)	LBP QUANTITY	NOTES
Date of Inspection: March 23, 2004					
10	Ground Floor	Pillar	1	50 SF	Remove and dispose of lead coated components and materials in accordance with Specification 02085
20		Service elevator Door	2	20 SF	
23		Elevator	1	50 SF	
24		Door Frame	1	20 SF	
26	Stairway Between 1st and 2nd Floor	Railing	2.2	120 LF	
41	2nd Floor	Service Elevator Door	1.4	20 SF	
42		Passage Elevator Door	1.7	15 SF	
48		St. Door C	2.2	10 SF	
56	4th Floor	Service Elevator Door	1	20 SF	
57		Passage Elevator Door	1	20 SF	
63		St. Door C	1	20 SF	
65		St. Door B	1	20 SF	
74	Stairway Between 4th and 5th Floor	Rail	2	120 LF	
78		Stair Tread	1	80 SF	
79		Stand Pipe Valve	8.5	20 SF	
80		Stairs to Elevator	2.6	60 SF	

NYC-WTC_000125244

NYC 9/11 Public Portal Document

LOCATION		COMPONENT	XRF RESULTS (mg/cm^2)	LBP QUANTITY	NOTES
Date of Inspection: May 25, 2004					
10	Room #1- Basement	Lower Wall	1	1,050 SF	Remove and dispose of lead coated components and materials in accordance with Specification 02085
13		Upper Wall	1	1,050 SF	
15		Door	2.2	30 SF	
16		Door Frame	2.6	18 LF	
17		Door	1	30 SF	
18		Door Frame	1.6	18 LF	
19		Pipe	1	80 LF	
20		Hand Rail	2.6	30 LF	
21	Room #1- Basement	Stair Tread	1	80 SF	
22		Stair Riser	1	80 SF	
24	Room #2 – Boiler Room	Wall	1	400 SF	
25			1	400 SF	
26			1	400 SF	
27			1	400 SF	
29	Room #2 – Boiler Room	Door	1	30 SF	
30		Door Frame	1	18 LF	
34		Pipe	1	200 LF	
35		Electrical Conduit	1	15 LF	
44	Room #3 – Oil Tank Room	Pipe	1	200 LF	
50	Room #5 – Basement	Door (Large)	>9.9	30 SF	
51		Door Frame (Large)	1	25 LF	
52		Door	1	30 SF	
53		Door Frame	1	18 LF	
54		Column	1	60 SF	
55		Pipe (Large)	1	200 LF	
56		Pipe (Small)	1.7	300 LF	
59		Ladder	1	10 SF	
62	Ground Level/ Landing Dock	Upper Wall	1	1050 SF	
69		Door Frame (Large)	1	25 LF	
71		Door Frame	1	18 LF	
73		Lower Wall	2.1	1050 SF	
Date of Inspection: May 26, 2004					
18	Room #5 – Basement	Electrical Panel	1	7 SF	Remove and dispose lead paint components
23	Room #6 – Basement	Door	1	30 SF	
24		Door Frame	1	18 LF	
39	Room #8 – Basement	Ladder	4	10 SF	

NYC-WTC_000125245

NYC 9/11 Public Portal Document

LOCATION		COMPONENT	XRF RESULTS (mg/cm^2)	LBP QUANTITY	NOTES
40	Room #8 – Basement	Door	1	30 SF	Remove and dispose of lead coated components and materials in accordance with Specification 02085
41		Door Frame	1	18 LF	
47	Room #9 – Basement	Door	1	30 SF	
48		Door Frame	1	18 LF	
49		Door	1	30 SF	
50		Door Frame	1	18 LF	
53	Room #9 – Basement	Sprinkler	1	400 LF	
54		Hand Rail	2.3	20 LF	
55		Stair Tread	1	200 SF	
62	Room #10 – Basement	Door	1	30 SF	
63		Door Frame	1	18 LF	
74	Room 11 – Basement	Closet Door	1	30 SF	
82	Room 13 - Basement	Wall	1	1050 SF	
85		Wall	1	1050 SF	
86		Ceiling	1	20,000 SF	
87		Door	1	30 SF	
88		Door Frame	1	18 LF	
89		Post	1	10 LF	
91		Electrical Conduit	1	10 LF	
93		Column	1	150 SF	
99	Room #1 – Staircase #1	Door	1	30 SF	
100		Door Frame	1	18 LF	
101		Door	1	30 SF	
102		Door Frame	1.7	18 LF	
103		Pipe (Large)	1	50 LF	
104		Pipe (Small)	1	50 LF	
105		Hand Rail	1.9	20 LF	
106		Stair Tread	1	200 SF	
107		Stair Riser	1	200 SF	
108		Floor	1.4	100 SF	
109		Ladder	1	20 SF	
114	Room #2 – Men's Bathroom	Lower Wall	1	200 SF	
115		Lower Wall	1	200	
116		Lower Wall	1	200 SF	
117		Lower Wall	1	200 SF	
119		Sewer Pipe	1	50 LF	
120		Post	1	10 LF	
121		Air Duct	1	50 SF	
124		Pipe Riser	1	30 LF	

NYC-WTC_000125246

NYC 9/11 Public Portal Document

LOCATION		COMPONENT	XRF RESULTS (mg/cm^2)	LBP QUANTITY	NOTES
125	Room #2 – Men's Bathroom	Pipe Riser Ret.	1.6	15 LF	Remove and dispose of lead coated components and materials in accordance with Specification 02085
126		Slop Sink	1	16 SF	
127		Baseboard	4.4	60 SF	
129		Door	1	30 SF	
130		Door Frame	1.6	18 LF	
140	Room #3 – Open Space	Wall	1	2100 SF	
145		Door	1.6	30 SF	
146		Door Frame	2	18 LF	
147		Freight ELDR	1	35 SF	
148		Freight ELDF	1	20 LF	
149		Service Door	2.2	30 SF	
150		Service Door Buck	1	18 LF	
152		Passenger ELDF	1.8	20 LF	
154		Column	1	200 SF	
156		Pipe Riser	1	20 LF	
157		Window Frame	1	TBD	
159		Radiator	1.9	600 SF	
161	Room #4 – Men's Bathroom	Wall	1	200 SF	
165		Door	1	30 SF	
166		Door Frame	2.3	18 LF	
167		Service Door	1.5	30 SF	
168		Service Door Buck	1	18 LF	
170		Pipe Riser Return	1	20 LF	
173		Sewage Pipe	1	25 LF	
180	Room #5 – Staircase #2	Wall	1	125 SF	
182		Exit Door	1	30 SF	
183		Exit Door Frame	1	18 LF	
184		Pipe	1	25 LF	
185		Hand Rail	1	20 LF	
188	Room #6 – Exterior Landing of Staircase B	Exit Door	1.8	30 SF	
189		Exit Door Frame	2.2	18 LF	
190		Exit Door	1	18 LF	
191	Room #6 – Exterior Landing of Staircase B	Exit Door Frame	1.5	18 LF	
192		Hand Rail	2.4	20 LF	
193	Room #1 – Open Space (5th Fl.)	Wall	1	2100 SF	
197		Ceiling	1	20,000 SF	
198		Door	1.9	30 SF	

NYC-WTC_000125247

NYC 9/11 Public Portal Document

LOCATION		COMPONENT	XRF RESULTS (mg/cm^2)	LBP QUANTITY	NOTES
Date of Inspection: May 27, 2004					
10	Room #1 – Open Area	Door Frame	2	18 LF	Remove and dispose of lead coated components and materials in accordance with Specification 02085
11		Freight Elev. Door	1	38 SF	
12		Freight Elev. Dr Fr.	1	22 SF	
13		Service Door	1.4	30 SF	
14		Service Door Frame	1	18 LF	
16		Passenger Eldf	1	22 SF	
24		Radiator	1	600 SF	
31	Room #2 – Staircase #1	Door Frame	1	18 LF	
33		Door Frame	1.5	18 LF	
36		Stair Tread	2	120 SF	
37		Hand Rail	1	20 LF	
57	Room #3 – Men's Bathroom	Column	1	30 LF	
60	Room #4 – Hallway to Staircase	Wall	1	100 SF	
61		Wall	1.6	100 SF	
65		Exit Door Frame	1	18 LF	
69		Door Frame	1	18 LF	
77	Room #5 – Women's Bathroom	Service Door Frame	1	18 LF	
80		Pipe Riser	1	18 LF	
84	Room #6 – Exterior Landing	Door Frame	1.5	18 LF	
86		Door Frame	1	18 LF	
87		Hand Rail	1	20 LF	
93	Room #7 – Staircase #2	Pipe	6.1	30 LF	
96		Door	1	30 SF	
97		Door Frame	1	18 LF	
103	Room #1 – Staircase #1	Door	1	30 SF	
108		Hand Rail	1	20 LF	
109		Stair Tread	1	200 SF	
119	Room #2 – Men's Bathroom	Door Frame	1	18 LF	
129		Baseboard	3.6	60 SF	
140	Room #3 – Open Area	Wall	1	2100 SF	
141		Wall	1.3	2100 SF	
142		Wall	1	2100 SF	
145		Door	1.5	30 SF	

NYC-WTC_000125248

NYC 9/11 Public Portal Document

LOCATION		COMPONENT	XRF RESULTS (mg/cm^2)	LBP QUANTITY	NOTES
146	Room #3 – Open Area	Door Frame	1.4	18 LF	Remove and dispose of lead coated components and materials in accordance with Specifications 02085
147		Freight Eldr	1	49 SF	
148		Freight Eldf	1	20 LF	
150		Passenger Eldf	1	20LF	
151		Door Frame	1.4	18 LF	
152		Service Door	1.6	30 LF	
153		Service Door Frame	1	18 LF	
157		Radiator	5.3	600 SF	
161		Column	1	200 SF	
162	Room #4 – Hallway to 2nd Staircase	Wall	1	225 SF	Remove and dispose of lead coated components and materials in accordance with Specifications 02085
163		Wall	1	225 SF	
168		Door Frame	2	18 LF	
169		Door	7.7	30 SF	
170		Door Frame	1	18 LF	
171		Exit Door	1.3	30 SF	
172		Exit Door Frame	1	18 LF	
177	Room #5 – Women's Bathroom	Door	7.4	30 SF	
183	Room #6 – Exterior Landing	Door	1	30 SF	
184		Door Frame	1	18 LF	
185		Door	1	30 SF	
186		Door Frame	1.4	18 LF	
192	Room #7 – Staircase #2	Door	1	30 SF	
193		Door Frame	1	18 LF	
195		Hand Rail	1	20 LF	
204	Room #1 – Staircase #1	Door Frame	1	18 LF	
209		Hand Rail	1	20 LF	
210		Stair Tread	1	200 SF	
211		Floor	1	150 SF	
224	Room #3 Open Area	Service door Frame	1	18 LF	
227		Door Frame	1	18 LF	
228		Window Frame	1		
244	Room #4 – Hallway to 2nd Street	Door Frame	1	18 LF	
248		Exit Door Frame	1	18 LF	
261	Room #5 – Women's Bathroom	Baseboard	3.5	60 SF	

NYC-WTC_000125249

NYC 9/11 Public Portal Document

LOCATION		COMPONENT	XRF RESULTS (mg/cm^2)	LBP QUANTITY	NOTES
266	Room #6 – Exterior Landing	Door	1.3	30 SF	
267		Door Frame	1.5	18 LF	
268		Door	1	30 SF	
269		Door Frame	1	18 LF	
270		Hand Rail	1	20 LF	
276	Room #7 – Staircase #2	Hand Rail	1	20 LF	
280		Door Frame	1	18 LF	
Date of Inspection: May 28, 2004					
6	Room 3 – Open Space	Wall	2.02	2100 SF	
8		Door	1.83	30 SF	
9		Door Frame	2.26	18 LF	
10		Freight ELDR	1.76	35 SF	
11		Freight ELDF	1.55	20 LF	
12		Service Door	2.06	30 SF	
13	Room 3 – Open Space	Service Door Frame	1.63	18 LF	
15		Passenger ELDF	1.67	20 LF	
16		Door Frame	2.33	18 LF	
17		Window Frame	3.39		
33	Room #4 – Hallway to 2nd Staircase	Door Frame	1.56	18 LF	
34		Exit door	1.73	30 SF	
35		Exit Door Frame	1.43	18 LF	
37		Door Frame	1.38	18 LF	
53	Room #1 – Staircase # 13	Hand Rail	2.62	20 LF	
61	Room #2 – Men's Bathroom	Door Frame	2.23	18 LF	
76	Room #5 – Women's Bathroom	Door frame	1.39	18 LF	
77		Service Door	1.27	30 SF	
78	Room #5 – Women's Bathroom	Service Door Frame	1.16	18 LF	
84	Room #6 – Exterior Landing	Door Frame	2.4	18 LF	
85		Door	1.87	30 SF	
86		Door Frame	2.01	18 LF	
88		Pipe	4.12	15 LF	
99	Room #7 – Stair # 2 (B)	Door Frame	0.99	18 LF	
125	Room #2 – Men's Bathroom	Sink	30.72	20 SF	

NYC-WTC_000125250

NYC 9/11 Public Portal Document

LOCATION		COMPONENT	XRF RESULTS (mg/cm^2)	LBP QUANTITY	NOTES
148	Room #4 – Hallway to 2nd Staircase	Wall	1.76	250 SF	
149		Wall	2.15	200 SF	
152		Wall	2.3	200 SF	
156		Door	1.19	30 SF	
157		Door Frame	1.07	18 LF	
159		Exterior Door Frame	1.23	18 LF	
174	Room #5 – Women's Bathroom	Toilet	5.1	40 SF	
175		Sink	32.1	30 SF	
179	Room #6 – Exterior Landing	Door	1.27	30 SF	
181		Door	1.66	30 SF	
182		Door Frame	1.51	18 LF	
183		Hand Rail	2.81	20 LF	
190	Room #7 – 2nd Staircase	Door Frame	1.02	18 LF	
Date of Inspection: June 1, 2004					
5	Roof	Door	1.04	30 SF	Remove and dispose of lead coated components and materials in accordance with Specifications 02085
6		Door Frame	2.43	18 LF	
10		Vent Support	5.1	200 SF	
13		Ladder	3.27	30 SF	
14		Vent Pipe	2.42	50 SF	
17		Pipe Vent	2.62	30 SF	
19	Bulkhead	Water Tower Support	5.1	250 SF	
20		Ladder	5.1	30 SF	
28	Roof Tank Room	Tank	1.51		
35	Room #2 Old Office Space	Pipe	2.58	80 LF	
38		Door Frame	0.97	18 LF	
56	Roof Landing	Post	2.17	10 LF	
57		Hand Rail	1.78	20 LF	
72	2nd FL-RM#1- Stair Case #	Hand Rail	2.39	20 LF	
78		Door Frame	1.72	18 LF	
79		Door	1.01	30 SF	
80		Door Frame	1.25	18 LF	
93	12th Fl Rm #2 Men's Bathroom	Baseboard	4.43	60 SF	
95		Pipe	17.36	30 LF	
107	12th Fl Rm #3 Open Space	Radiator	0.99	600 SF	

NYC-WTC_000125251

NYC 9/11 Public Portal Document

LOCATION		COMPONENT	XRF RESULTS (mg/cm^2)	LBP QUANTITY	NOTES
114	12th Fl Rm #4 Hall 2nd S/case	Exit Door Frame	2.31	18 LF	Remove and dispose of lead coated components and materials in accordance with Specifications 02085
115		Door	2.18	30 SF	
116		Door Frame	2.02	18 LF	
119	12th Fl Exterior	Window Lintel	17.27	16 SF	
129	11th Fl. Rm #1 Stair Case #1	Hand Rail	2.37	20 LF	
136	11th Fl Rm #2/ Men's Bathroom	Wall	1.24	120 SF	
138		Baseboard	5.1	60 SF	
143		Toilet	9.13	40 SF	
164	11th Fl Rm #4/ Hall 2nd S/case	Exit Door	2.28	30 SF	
165		Exit Door Frame	2.51	18 LF	
166		Door	1.8	30 SF	
167		Door Frame	2.06	18 LF	
170	11th Fl Rm#4/Hall – 2nd S/case	Door Frame	2.36	18 LF	
171	11th Fl Rm#5/ Ladies Bathroom	Wall	1.18	120 SF	
173		Wall	1.65	120 SF	
174		Wall	1.35	120 SF	
179		Baseboard	5.1	60 SF	
182		Door	1.48	30 SF	
183		Door Frame	1.64	18 LF	
186	11th Floor Exterior	Window Lintel	5.1	16 SF	
191	10th Fl Rm #2/ Staircase #2	Hand Rail	2.34	20 LF	
206	10th Fl Rm #2/ Men's Bathroom	Baseboard	5.1	60 SF	
211		Sink	10.6	20 SF	
233	10th Fl Rm #4 Hall – 2nd S/case	Exit Door	1.35	30 SF	
245	10th Fl Rm #5/ Ladies Bathroom	Baseboard	6.09	60 SF	
249		Toilet	5.1	60 SF	
250		Sink	10.9	30 SF	
254	10th Floor Exterior	Window Lintel	10.84	16 SF	

NYC-WTC_000125252

NYC 9/11 Public Portal Document

APPENDIX A: ASBESTOS ANALYTICAL REPORTS:

NYC 9/11 Public Portal Document

ASBESTOS CERTIFICATES OF ANALYSIS BY PLM METHOD

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
01A 03/23/2004	Mastic on Floor, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No			
0403103-001	Ground Floor/ South/ North of Door to Elevator/ Sample of Mastic on Floor				Non-Fibrous Material	100%
02A 03/23/2004	Mastic on Floor, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No			
0403103-002	Ground Floor/ South/ South of Door to Elevator/ Sample of Mastic on Floor				Non-Fibrous Material	100%
03A 03/23/2004	Mastic on Floor, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No			
0403103-003	Ground Floor/ South/ Opposite Column to Elevator/ Sample of Mastic on Floor				Non-Fibrous Material	100%
04B 03/23/2004 0403103-004	Mortar, Brown Note: Sample Not Analyzed	Brown				
05C 03/23/2004	Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM	Tan	No			
0403103-005	Ground Floor/ North/ North East/ East Side/ Sample of Window Putty				Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125255

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
06C 03/23/2004 0403103-006	Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ East/ North East/ On South/ Sample of Window Putty	Tan	No		Non-Fibrous Material	100%
07C 03/23/2004 0403103-007	Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ South East/ On South/ Sample of Window Putty	Tan	No		Non-Fibrous Material	100%
08D 03/23/2004 0403103-008	Window Putty, Tan, Homogeneous, Non- Friable Note: Recommend TEM Ground Floor/ South East/ On North/ Sample of Window Putty	Tan	No		Non-Fibrous Material	100%
09D 03/23/2004 0403103-009	Window Putty, Tan, Homogeneous, Non- Friable Note: Recommend TEM Ground Floor/ Middle/ On South/ Sample of Window Putty	Tan	No		Non-Fibrous Material	100%
10D 03/23/2004 0403103-010	Window Putty, Tan, Homogeneous, Non- Friable Note: Recommend TEM Ground Floor/ East/ North East/ On South/ Sample of Window Putty/ Brown	Tan	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125256

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
11E 03/23/2004 0403103-011	Window Caulking, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North/ North East/ Bottom/ Sample of Window Caulking	Dark Brown	No			Non-Fibrous Material	100%
12F 03/23/2004 0403103-012	Boiler Door Cement, Tan, Homogeneous, Friable Note: Recommend TEM Basement/ Boiler/ First Room/ Sample of Boiler Door Cement	Tan	No			Non-Fibrous Material	100%
13G 03/23/2004 0403103-013	2x4 Elbow Insulation, Brown, Homogeneous, Friable Basement/ Outside/ Pump Room/ Sample of 2x4 Elbow	Brown	Yes	Chrysotile	15.4%	Cellulose Fiber Non-Fibrous Material	1% 83.6%
14G 03/23/2004 0403103-014	2x4 Elbow Insulation, Brown, Friable Note: Sample Not Analyzed Basement/ North of Elevator/ Sample of 2x4 Elbow	Brown					
15G 03/23/2004 0403103-015	2x4 Elbow Insulation, Brown, Friable Note: Sample Not Analyzed Basement/ Electric Room/ East/ On North/ Sample of 2x4 Elbow	Brown					
16H 03/23/2004 0403103-016	2x4 Corrugated Pipe Insulation, Brown, Homogeneous, Friable Basement/ Outside/ Pump Room/ Sample of 2x4 Corrugated Pipe Insulation	Brown	No			Cellulose Fiber Synthetic Fiber	70% 30%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125257

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
17H 03/23/2004 0403103-017	2x4 Corrugated Pipe Insulation, Brown, Homogeneous, Friable Basement/ South Section/ East/ Middle/ Sample of 2x4 Corrugated Pipe Insulation	Brown	Yes	Chrysotile	50%	Cellulose Fiber	Est. 50%
18H 03/23/2004 0403103-018	2x4 Corrugated Pipe Insulation, Brown, Friable Note: Not Analyzed Basement/ Electric Room/ East/ Middle/ Sample of 2x4 Corrugated Pipe Insulation	Brown					
19I 03/23/2004 0403103-019	10x12 Elbow Insulation, Tan, Homogeneous, Friable Basement/ South Section/ East Wall/ Middle/ Sample of Wall Plaster	Tan	Yes	Chrysotile	30.8%	Cellulose Fiber Non-Fibrous Material	2.2% 67%
20I 03/23/2004 0403103-020	10x12 Elbow Insulation, Tan, Friable Note: Not Analyzed Basement/ South Section/ East Wall/ Middle/ Sample of Wall Plaster	Tan					
21I 03/23/2004 0403103-021	10x12 Elbow Insulation, Tan, Friable Note: Not Analyzed Basement/ South Section/ West/ On North/ Sample of 10x12 Elbow Insulation	Tan					
22J 03/23/2004 0403103-022	10x12 Corrugated Pipe Insulation, Tan, Homogeneous, Friable Basement/ South Section/ East/ South Side/ 10x12 Corrugated Pipe Insulation	Tan	Yes	Chrysotile	50%	Cellulose Fiber	50%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125258

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
23J 03/23/2004 0403103-023	10x12 Corrugated Pipe Insulation, Tan, Friable Note: Not Analyzed Basement/ South Section/ South/ On East/ Sample of 10x12 Corrugated Pipe Insulation	Tan					
24J 03/23/2004 0403103-024	10x12 Corrugated Pipe Insulation, Tan, Friable Note: Not Analyzed Basement/ South Section/ West/ On North/ Sample of 10x12 Corrugated Pipe Insulation	Tan					
25K 03/23/2004 0403103-025	White Block, White, Homogeneous Basement/ South Section/ North Partition Wall/ Sample of White Block	White	No			Cellulose Fiber Non-Fibrous Material	2% 98%
26I 03/23/2004 0403103-026	10x12 Pipe Elbow, White, Homogeneous, Friable Basement/ North Section/ West Side/ North/ Sample of 10x12 Pipe Elbow	White	Yes	Chrysotile	10%	Non-Fibrous Material	90%
27I 03/23/2004 0403103-027	10x12 Pipe Elbow, White, Friable Note: Not Analyzed Basement/ North Section/ West Side/ South/ Sample of 10x12 Pipe Elbow	White					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125259

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
28I 03/23/2004 0403103-028	10x12 Pipe Elbow, White, Friable Note: Not Analyzed Basement/ North Section/ East Side/ East/ Sample of 10x12 Pipe Elbow	White					
29J 03/23/2004 0403103-029	10x12 Corrugated Pipe Insulation, White, Homogeneous, Friable Basement/ North Section/ West Side/ North/ Sample of 10x12 Corrugated Pipe Insulation	White	Yes	Chrysotile Crocidolite	15.4% 14.8%	Non-Fibrous Material	69.8%
30J 03/23/2004 0403103-030	10x12 Corrugated Pipe Insulation, White, Friable Note: Not Analyzed Basement/ North Section/ West Side/ South/ Sample of 10x12 Corrugated Pipe Insulation	White					
31J 03/23/2004 0403103-031	10x12 Corrugated Pipe Insulation, White, Friable Note: Not Analyzed Basement/ North Section/ East Side/ East/ Sample of 10x12 Corrugated Pipe Insulation	White					
32L 03/23/2004 0403103-032	Duct Concrete, Tan/ Black, Non-homogeneous, Friable Basement/ North Section/ East Side/ Duct/ West/ Sample of Duct Concrete	Tan/ Black	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125260

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
33M 03/23/2004 0403103-033	Red Brick Mortar, Brown, Homogeneous, Friable Basement/ North Section/ South Side/ Middle/ Sample of Red Brick Mortar	Brown	No		Non-Fibrous Material	100%
34N 03/23/2004 0403103-034	Sheet Rock, White, Homogeneous, Friable Basement/ North Section/ South Side/ Middle/ Sample of Sheetrock	White	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	5% 3% 92%
35O 03/23/2004 0403103-035	Wall Plaster, Brown, Homogeneous, Friable Basement/ North Section/ East/ East Wall/ Middle/ Sample of Wall Plaster	Brown	No		Non-Fibrous Material	100%
36O 03/23/2004 0403103-036	Wall Plaster, Brown, Homogeneous, Friable Basement/ North Section/ West/ West Wall/ South/ Sample of Wall Plaster	Brown	No		Non-Fibrous Material	100%
37O 03/23/2004 0403103-037	Wall Plaster, Brown, Homogeneous, Friable Basement/ North Section/ West/ North Wall/ Middle/ Sample of Wall Plaster	Brown	No		Non-Fibrous Material	100%
38O 03/23/2004 0403103-038	Wall Plaster, Brown, Homogeneous, Friable Basement/ South Section/ East Wall/ Middle/ Sample of Wall Plaster	Brown	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125261

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
39O 03/23/2004 0403103-039	Wall Plaster, Brown, Homogeneous, Friable Basement/ South Section/ West Wall/ Middle/ Sample of Wall Plaster	Brown	No			Non-Fibrous Material	100%
40P 03/23/2004 0403103-040	3x5 Corrugated Pipe Insulation, Black, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ North/ North East Corner/ Sample of 3x5 Corrugated Pipe Insulation	Black	Yes	Chrysotile	40%	Cellulose Fiber	60%
41Q 03/23/2004 0403103-041	Mastic of 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ east/ 3rd Pillar From South/ Sample of Mastic of 9x9	Black	No			Fibrous Glass Non-Fibrous Material	2% 98%
42R 03/23/2004 0403103-042	Mastic of 12x12, Black, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ East/ 2nd Pillar From South/ Sample of Mastic of 12x12	Black	No			Non-Fibrous Material	100%
43S 03/23/2004 0403103-043	Interior Window Caulking/ Sliding, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ South/ West Side/ 5th From West/ Sample of Interior Window Caulking (Sliding)	Dark Brown	No			Non-Fibrous Material	100%

Gulam Machniwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125262

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
44S 03/23/2004	Interior Window Caulking/ Sliding, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-044	2nd Floor/ South/ East Side/ 2nd From East/ Sample of Interior Window Caulking (Sliding)				Non-Fibrous Material	100%
45S 03/23/2004	Interior Window Caulking/ Sliding, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-045	2nd Floor/ North/ West/ 2nd From West/ Sample of Interior Window Caulking (Sliding)				Non-Fibrous Material	100%
46T 03/23/2004	Exterior Window Caulking/ Sliding, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-046	2nd Floor/ South/ West Side/ 5th From West/ Sample of Exterior Window Caulking (Sliding)				Non-Fibrous Material	100%
47T 03/23/2004	Exterior Window Caulking/ Sliding, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-047	2nd Floor/ South/ East Side/ 2nd From East/ Sample of Exterior Window Caulking (Sliding)				Non-Fibrous Material	100%
48T 03/23/2004	Exterior Window Caulking/ Sliding, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-048	2nd Floor/ North/ West Side/ 2nd From West/ Sample of Exterior Window Caulking (Sliding)				Non-Fibrous Material	100%

Gulam Machanwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125263

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
49U 03/23/2004	Exterior Window Caulking/ Old Window, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-049	2nd Floor/ East/ North/ 4th From North/ Sample of Exterior Window Caulking/ Old Window				Non-Fibrous Material	100%
50U 03/23/2004	Exterior Window Caulking/ Old Window, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-050	2nd Floor/ East/ Middle/ Opposite 3rd Pillar/ Sample of Exterior Window Caulking/ Old Window				Non-Fibrous Material	100%
51U 03/23/2004	Exterior Window Caulking/ Old Window, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-051	2nd Floor/ East/ South/ 1st From South/ Sample of Exterior Window Caulking/ Old Window				Non-Fibrous Material	100%
52V 03/23/2004	Exterior Window Putty/ Old Window, Brown, Homogeneous, Non-Friable Note: Recommend TEM	Brown	No			
0403103-052	2nd Floor/ East/ North/ 4th From North/ Sample of Exterior Window Putty/ Old Window				Non-Fibrous Material	100%
53V 03/23/2004	Exterior Window Putty/ Old Window, Brown, Homogeneous, Non-Friable Note: Recommend TEM	Brown	No			
0403103-053	2nd Floor/ East/ Middle/ Opposite 3rd Pillar/ Sample of Exterior Window Putty/ Old Window				Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125264

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
54V 03/23/2004	Exterior Window Putty/ Old Window, Brown, Homogeneous, Non-Friable Note: Recommend TEM	Brown	No			
0403103-054	2nd Floor/ East/ South/ 1st From South/ Sample of Exterior Window Putty/ Old Window				Non-Fibrous Material	100%
55W 03/23/2004	Interior Window Putty/ Old Window, Black, Non-homogeneous, Non-Friable Note: Recommend TEM	Black	No			
0403103-055	2nd Floor/ East/ North/ 4th From North/ Sample of Interior Window Putty/ Old Window				Non-Fibrous Material	100%
56W 03/23/2004	Interior Window Putty/ Old Window, Light Gray/ Black, Non-homogeneous, Non-Friable Note: Recommend TEM	Light Gray/ Black	No			
0403103-056	2nd Floor/ East/ Middle/ Opposite 3rd Pillar/ Sample of Interior Window Putty/ Old Window				Non-Fibrous Material	100%
57W 03/23/2004	Interior Window Putty/ Old Window, Light Gray/ Black, Non-homogeneous, Non-Friable Note: Recommend TEM	Light Gray/ Black	No			
0403103-057	2nd Floor/ South/ 1st From South/ Sample of Interior Window Putty/ Old Window				Non-Fibrous Material	100%
58X 03/23/2004	Interior Window Caulking, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-058	3rd Floor/ South/ 2nd From West/ Sample of Interior Window Caulking				Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125265

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
59Y 03/23/2004	Exterior Window Caulking, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-059	3rd Floor/ South/ 2nd From West/ Exterior Window Caulking				Non-Fibrous Material	100%
60Z 03/23/2004	Exterior Window Caulking/ Old Window, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-060	3rd Floor/ East/ South/ 1st Window/ Sample of Exterior Window Caulking/ Old Window				Non-Fibrous Material	100%
61A1 03/23/2004	Interior Mortar/ Old, Tan, Homogeneous, Friable	Tan	No			
0403103-061	3rd Floor/ East/ South/ 1st Window/ Sample of Interior Mortar/ Old				Non-Fibrous Material	100%
62B1 03/23/2004	Exterior Window Putty/ Old, Tan, Homogeneous, Non-Friable Note: Recommend TEM	Tan	No			
0403103-062	3rd Floor/ East/ South/ 1st Window/ Sample of Exterior Window Putty/ Old				Non-Fibrous Material	100%
63C1 03/23/2004	Interior Window Caulking, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM	Dark Brown	No			
0403103-063	4th Floor/ South/ 2nd From West/ Sample of Interior Window Caulking				Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125266

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
64D1 03/23/2004 0403103-064	Exterior Window Caulking/ New, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 4th Floor/ South/ 2nd From West/ Sample of Exterior Window Caulking/ New	Dark Brown	No			Cellulose Fiber Non-Fibrous Material	1% 99%
65E1 03/23/2004 0403103-065	Exterior Window Caulking/ Old Window, Dark Brown, Homogeneous, Non-Friable 4th Floor/ East/ Middle/ North Side/ Sample of Exterior Window Caulking/ Old Window	Dark Brown	Yes	Chrysotile	4.6%	Cellulose Fiber Non-Fibrous Material	15.4% 80%
66F1 03/23/2004 0403103-066	Interior Putty/ Old Window, Tan/Black, Non-Friable Note: Recommend TEM 4th Floor/ East/ Middle/ North Side/ Sample of Interior Putty/ Old Window	Tan/Black	No			Non-Fibrous Material	100%
67G1 03/23/2004 0403103-067	Exterior Putty/ Old Window, Tan, Homogeneous, Non-Friable Note: Recommend TEM 4th Floor/ East/ Middle/ North Side/ Sample of Exterior Putty/ Old Window	Tan	No			Fibrous Glass Non-Fibrous Material	1% 99%
68H1 03/23/2004 0403103-068	Floor Mastic, Black, Homogeneous, Non-Friable Note: Recommend TEM 4th Floor/ Middle/ Near 4th Pillar/ Sample of Floor Mastic	Black	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125267

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
69I1 03/23/2004 0403103-069	2x4 Corrugated Pipe Insulation, Tan, Homogeneous, Friable 5th Floor/ West/ North of Stairs and Bath/ Sample of 2x4 Corrugated Pipe Insulation	Tan	Yes	Chrysotile	40%	Cellulose Fiber	60%
70J1 03/23/2004 0403103-070	2x4 Pipe Insulation, Brown, Homogeneous, Friable 6th Floor/ Middle Section/ Middle/ Sample of 2x4 Pipe Insulation	Brown	Yes	Chrysotile	3.0%	Cellulose Fiber	97%
71K1 03/23/2004 0403103-071	Elbow Insulation, Cream, Homogeneous, Friable 6th Floor/ Middle Section/ South Side/ Sample of Elbow Insulation	Cream	Yes	Chrysotile	40%	Non-Fibrous Material	60%
72L1 03/23/2004 0403103-072	9x9 Floor Tile, Green, Homogeneous, Non-Friable 7th Floor/ North Section/ Between 1st and 2nd Pillar/ Sample of 9x9 Floor Tile/ Green	Green	Yes	Chrysotile	3.5%	Non-Fibrous Material	96.5%
73M1 03/23/2004 0403103-073	Mastic to Green 9x9, Brown/ Black, Non-homogeneous, Non-Friable Note: Recommend TEM 7th Floor/ North/ Between/ 1st and 2nd Pillar/ East/ Sample of Mastic to Green 9x9	Brown/ Black	No			Cellulose Fiber Hair Non-Fibrous Material	20% 5% 75%
74N1 03/23/2004 0403103-074	9x9 Floor Tile, Tan, Homogeneous, Non-Friable Note: Recommend TEM 7th Floor/ North/ Between/ 1st and 2nd Pillar/ West/ Sample of 9x9 Floor Tile	Tan	Yes	Chrysotile	2.9%	Non-Fibrous Material	97.1%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125268

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
75O1 03/23/2004	Mastic to 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No				
0403103-075	7th Floor/ North/ Between/ 1st and 2nd Pillar/ West/ Sample of Mastic to 9x9					Non-Fibrous Material	100%
76P1 03/23/2004	9x9 Floor Tiles, Tan, Homogeneous, Non-Friable Note: Recommend TEM	Tan	No				
0403103-076	8th Floor/ North/ East/ East of 2nd Pillar/ Sample of 9x9 Floor Tiles					Non-Fibrous Material	100%
77P1 03/23/2004	9x9 Floor Tiles, Tan, Homogeneous, Non-Friable Note: Recommend TEM	Tan	Yes	Chrysotile	Trace		
0403103-077	8th Floor/ North/ East/ East of 2nd Pillar/ Sample of 9x9 Floor Tiles					Non-Fibrous Material	99%
78Q1 03/23/2004	Mastic to 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No			Fibrous Glass Cellulose Fiber	Trace Trace
0403103-078	8th Floor/ North/ East/ East of 2nd Pillar/ Sample of Mastic to 9x9					Non-Fibrous Material	98%
79Q1 03/23/2004	Mastic to 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No			Fibrous Glass	Trace
0403103-079	8th Floor/ North/ West/ North of 2nd Pillar/ Sample of Mastic 9x9					Non-Fibrous Material	99%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125269

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
80R1 03/23/2004	12x12 1st Layer, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	No			
0403103-080	8th Floor/ South/ South West/ North East/ Sample of 12x12/ 1st Layer				Non-Fibrous Material	100%
81R1 03/23/2004	12x12 1st Layer, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	No			
0403103-081	8th Floor/ South/ South West/ South/ Middle/ Sample of 12x12/ 1st Layer				Non-Fibrous Material	100%
82S1 03/23/2004	Mastic 1st Layer, Beige, Homogeneous, Non-Friable Note: Recommend TEM	Beige	No		Cellulose Fiber	5%
0403103-082	8th Floor/ South/ South West/ North East/ Sample of Mastic/ 1st Layer				Non-Fibrous Material	95%
83S1 03/23/2004	Mastic 1st Layer, Beige, Homogeneous, Non-Friable Note: Recommend TEM	Beige	No		Cellulose Fiber	5%
0403103-083	8th Floor/ South/ South West/ South/ Middle/ Sample of Mastic/ 1st Layer				Non-Fibrous Material	95%
84T1 03/23/2004	12x12 Floor Tile 2nd Layer, Slate, Homogeneous, Non-Friable Note: Recommend TEM	Slate	No			
0403103-084	8th Floor/ South/ South West/ North East/ Sample of 12x12 Floor Tile/ 2nd Layer				Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125270

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	03/24/2004
Date Analyzed:	03/25/2004
Batch #:	0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
85T1 03/23/2004	12x12 Floor Tile 2nd Layer, Slate, Homogeneous, Non-Friable Note: Recommend TEM	Slate	No				
0403103-085	8th Floor/ South/ South West/ South/ Middle/ Sample of 12x12 Floor Tile/ 2nd Layer					Non-Fibrous Material	100%
86U1 03/23/2004	Mastic to 2nd Layer, Beige, Homogeneous, Non-Friable Note: Recommend TEM	Beige	No			Cellulose Fiber	3%
0403103-086	8th Floor/ South/ South West/ North East/ Sample of 12x12 Floor Tile/ 2nd Layer					Non-Fibrous Material	97%
87U1 03/23/2004	Mastic to 2nd Layer, Beige, Homogeneous, Non-Friable Note: Recommend TEM	Beige	No			Cellulose Fiber	3%
0403103-087	8th Floor/ South/ South West/ South/ Middle/ Sample of 12x12 Floor Tile/ 2nd Layer					Non-Fibrous Material	97%
88V1 03/23/2004	9x9 Floor Tile 3rd Layer, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	Yes	Chrysotile	Trace		
0403103-088	8th Floor/ South/ South West/ North East/ Sample of 9x9 Floor Tile/ 3rd Layer					Non-Fibrous Material	99%
89V1 03/23/2004	9x9 Floor Tile 3rd Layer, Green, Homogeneous, Non-Friable	Green	Yes	Chrysotile	2.2%		
0403103-089	8th Floor/ South/ South West/ South/ Middle/ Sample of 9x9 Floor Tile/ 3rd Layer					Non-Fibrous Material	97.8%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125271

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
90W1 03/23/2004 0403103-090	Mastic 3rd Layer, Black, Homogeneous, Non-Friable Note: Recommend TEM 8th Floor/ South/ South West/ North East/ Sample of Mastic/ 3rd Layer	Black	No		Non-Fibrous Material	100%
91W1 03/23/2004 0403103-091	Mastic 3rd Layer, Black, Homogeneous, Non-Friable Note: Recommend TEM 8th Floor/ South/ South West/ South/ Middle/ Sample of Mastic/ 3rd Layer	Black	No		Cellulose Fiber Non-Fibrous Material	Trace 99%
92X1 03/23/2004 0403103-092	Mastic to Ceiling Tiles, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 9th Floor/ South/ West Side/ On North/ Sample of Mastic to Ceiling Tiles	Dark Brown	No		Cellulose Fiber Non-Fibrous Material	2% 98%
93X1 03/23/2004 0403103-093	Mastic to Ceiling Tiles, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 9th Floor/ South/ North/ Middle/ Sample of Mastic to Ceiling Tiles	Dark Brown	No		Cellulose Fiber Non-Fibrous Material	2% 98%
94X1 03/23/2004 0403103-094	Mastic to Ceiling Tiles, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 9th Floor/ South/ East/ South East/ Sample of Mastic to Ceiling Tiles	Dark Brown	No		Cellulose Fiber Non-Fibrous Material	2% 98%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125272

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
95Y1 03/23/2004 0403103-095	9x9 Floor Tiles, Black, Homogeneous, Non-Friable 9th Floor/ South/ North/ North East/ Sample of 9x9 Floor Tiles	Black	Yes	Chrysotile	2.7%	Non-Fibrous Material	97.3%
96Y1 03/23/2004 0403103-096	9x9 Floor Tiles, Black, Homogeneous, Non-Friable Note: Not Analyzed 9th South/ West/ North West/ Sample of 9x9 Floor Tiles	Black					
97Y1 03/23/2004 0403103-097	9x9 Floor Tiles, Black, Homogeneous, Non-Friable Note: Not Analyzed 9th Floor/ South/ West/ Middle/ Sample of 9x9 Floor Tiles	Black					
98Z1 03/23/2004 0403103-098	Mastic 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM 9th Floor/ South/ North/ North East/ Sample of Mastic 9x9	Black	No			Cellulose Fiber Non-Fibrous Material	1% 99%
99Z1 03/23/2004 0403103-099	Mastic 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM 9th Floor/ South/ West/ North West/ Sample of Mastic 9x9	Black	No			Cellulose Fiber Non-Fibrous Material	Trace 99%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125273

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
100Z1 03/23/2004	Mastic 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No			Cellulose Fiber	1%
0403103-100	9th Floor/ South/ West/ Middle/ Sample of Mastic 9x9					Non-Fibrous Material	99%
101A2 03/23/2004	Window Caulking, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	Yes	Chrysotile	3.0%	Cellulose Fiber	5%
0403103-101	9th Floor/ East/ South East/ 1st Window/ Sample of Window Caulking					Non-Fibrous Material	92%
102B2 03/23/2004	Window Putty Interior, Tan, Homogeneous, Non-Friable Note: Recommend TEM	Tan	No				
0403103-102	9th Floor/ East/ South East/ 1st Window/ Sample of Window Putty/ Interior					Non-Fibrous Material	100%
103C2 03/23/2004	12x12 Floor Tiles, Tan, Homogeneous, Non-Friable Note: Recommend TEM	Tan	No				
0403103-103	10th Floor/ South/ West/ On North Side/ Sample of 12x12 Floor Tiles					Non-Fibrous Material	100%
104D2 03/23/2004	Mastic to 12x12, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No				
0403103-104	10th Floor/ South/ West/ On North Side/ Sample of Mastic to 12x12					Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125274

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
105 03/23/2004 0403103-105	9x9 Floor Tile, Tan, Homogeneous, Non-Friable Note: Recommend TEM 10th Floor/ North/ Middle of Pillar 1 and 2/ Sample of 9x9 Floor Tiles	Tan	Yes	Chrysotile	Trace	Non-Fibrous Material	99%
106E2 03/23/2004 0403103-106	9x9 Floor Tile, Tan, Homogeneous, Non-Friable 10th Floor/ South/ Middle of Pillar 1 and 2. Sample of 9x9 Floor Tiles	Tan	Yes	Chrysotile	2.2%	Non-Fibrous Material	97.8%
107F2 03/23/2004 0403103-107	Mastic to 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM 10th Floor/ North/ Middle of Pillar 1 and 2/ Sample of Mastic to 9x9	Black	No			Non-Fibrous Material	100%
108F2 03/23/2004 0403103-108	Mastic to 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM 10th Floor/ South/ Middle of Pillar 1 and 2/ Sample of Mastic to 9x9	Black	No			Non-Fibrous Material	100%
109G2 03/23/2004 0403103-109	Pipe Insulation, Tan, Homogeneous, Friable 11th Floor/ North/ North West/ Sample of Pipe Insulation	Tan	Yes	Chrysotile	66.7%	Cellulose Fiber	33.3%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125275

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
110H2 03/23/2004 0403103-110	9x9 Floor Tiles, Black, Homogeneous, Non-Friable Note: Recommend TEM 11th Floor/ West/ North West/ On South/ Sample of 9x9 Floor Tiles	Black	Yes	Chrysotile	Trace	Non-Fibrous Material	99%
111I2 03/23/2004 0403103-111	Mastic, Black, Homogeneous, Non-Friable Note: Recommend TEM 11th Floor/ West/ North West/ On South/ Sample of Mastic	Black	No			Cellulose Fiber Non-Fibrous Material	Trace 99%
112J2 03/23/2004 0403103-112	Floor Mastic, Black, Homogeneous, Non-Friable Note: Recommend TEM 11th Floor/ East/ North East Corner/ Sample of Floor Mastic	Black	No			Non-Fibrous Material	100%
113K2 03/23/2004 0403103-113	9x9 Floor Tiles, Black, Homogeneous, Non-Friable 12th Floor/ In Front of Elevator/ South/ South East/ Sample of 9x9 Floor Tiles	Black	Yes	Chrysotile	2.3%	Non-Fibrous Material	97.7%
114K2 03/23/2004 0403103-114	9x9 Floor Tiles, Black, Non-Friable Note: Not Analyzed 12th Floor/ In Front of Elevator/ North/ North West/ Sample of 9x9 Floor Tiles	Black					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125276

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
115L2 03/23/2004 0403103-115	Mastic 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM 12th Floor/ In Front of Elevator/ South/ South East/ Sample of Mastic 9x9	Black	No			Cellulose Fiber Non-Fibrous Material	1% 99%
116L2 03/23/2004 0403103-116	Mastic 9x9, Black, Homogeneous, Non-Friable Note: Recommend TEM 12th Floor/ In Front of Elevator/ North/ North West/ Sample of Mastic 9x9	Black	No			Non-Fibrous Material	100%
117M2 03/23/2004 0403103-117	4x6 Pipe Insulation Corrugated, Brown, Homogeneous, Friable 12th Floor/ In Front of Elevator/ South Side/ Sample of 4x6 Pipe Insulation Corrugated	Brown	No			Cellulose Fiber Hair	80% 20%
118N2 03/23/2004 0403103-118	4x6 Elbow Insulation, White, Homogeneous, Friable 12th Floor/ In Front of Elevator/ South/ East/ Sample of 4x6 Elbow Insulation	White	Yes	Chrysotile	50%	Non-Fibrous Material	50%
119O2 03/23/2004 0403103-119	Pipe Insulation Non Corrugated, White, Homogeneous, Friable 12th Floor/ In Front of Elevator/ South East/ Sample of Pipe Insulation Non Corrugated	White	Yes	Chrysotile Crocidolite	50% 2.3%	Non-Fibrous Material	47.7%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125277

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
120P2 03/23/2004 0403103-120	Exterior Window Caulking, Tan/ Black, Homogeneous, Non-Friable 12th Floor/ South Section/ East Wall/ South/ Sample of Exterior Window Caulking	Tan/ Black	Yes	Anthophyllite	4.8%	Wollastonite Non-Fibrous Material	3.2% 92%
121Q2 03/23/2004 0403103-121	Exterior Window Putty, Tan, Homogeneous, Non-Friable 12th Floor/ South Section/ East Wall/ South/ Sample of Exterior Window Putty	Tan	Yes	Anthophyllite	2.3%	Wollastonite Non-Fibrous Material	Trace 96.7%
122R2 03/23/2004 0403103-122	Interior Putty Window, Tan, Homogeneous, Non-Friable Note: Recommend TEM 12th Floor/ South Section/ East Wall/ South/ Sample of Interior Window Putty	Tan	No			Non-Fibrous Material	100%
123S2 03/23/2004 0403103-123	Interior Window Caulking/ Old, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 12th Floor/ South Section/ South Wall/ Middle/ Sample of Interior Window Caulking/ New	Dark Brown	No			Non-Fibrous Material	100%
124T2 03/23/2004 0403103-124	Exterior Window Caulk/ New, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 12th Floor/ South Section/ South Wall/ Middle/ Sample of Exterior Window Caulking/ New	Dark Brown	No			Cellulose Fiber Non-Fibrous Material	2% 98%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125278

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 03/25/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
125 03/23/2004 0403103-125	Ceiling Skim Coat, White, Homogeneous, Friable Ground Floor/ West/ South of the Elevator Door/ Sample of Ceiling Skim Coat	White	Yes	Chrysotile Anthophyllite	2.2% 2.6%	Wollastonite Non-Fibrous Material	5.2% 90%
126 03/23/2004 0403103-126	Ceiling Skim Coat, White, Friable Note: Not Analyzed Ground Floor/ Opposite Elevator/ East Side/ South/ Sample of Ceiling Skim Coat	White					
127 03/23/2004 0403103-127	Ceiling Skim Coat, White, Friable Note: Not Analyzed Ground Floor/ Opposite Elevator/ North/ Sample of Ceiling Skim Coat	White					

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125279

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
128U2 05/25/2004	Gasket on Pump Piping, Brown/ White, Homogeneous, Non-Friable Note: Recommend TEM	Brown/ White	No			
0403439-001	Basement/ Sump Pump Room/ Near Stairs/ Pump at West Side/ Sample of Gasket on Pump Piping				Non-Fibrous Material	100%
129U2 05/25/2004	Gasket on Pump Piping, Brown/ White, Homogeneous, Non-Friable Note: Recommend TEM	Brown/ White	No			
0403439-002	Basement/ Sump Pump Room/ Near Stairs/ Bottom/ Sample of Gasket on Pump Piping				Non-Fibrous Material	100%
130U2 05/25/2004	Gasket on Pump Piping, Brown, Homogeneous, Non-Friable Note: Recommend TEM	Brown	No		Cellulose Fiber	80%
0403439-003	Basement/ Sump Pump Room/ Near Stairs/ Right Side/ Sample of Gasket on Pump Piping				Non-Fibrous Material	20%
131VZ 05/25/2004	Pump Piping Insulation/ Brown Cloth Wrap, Yellow, Non-Friable Note: Recommend TEM	Yellow	No			
0403439-004	Basement/ Sump Pump Room/ Top/ Sample of Pump Piping Insulation/ Brown Cloth Wrap				Non-Fibrous Material	100%
132VZ 05/25/2004	Pump Piping Insulation/ Brown Cloth Wrap, Yellow, Non-Friable Note: Recommend TEM	Yellow	No			
0403439-005	Basement/ Sump Pump Room/ Bottom/ Sample of Pump Piping Insulation/ Brown Cloth Wrap				Non-Fibrous Material	100%

Gulam Machanwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125280

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
133VZ 05/25/2004 0403439-006	Pump Piping Insulation/ Brown Cloth Wrap, Yellow, Non-Friable Note: Recommend TEM Basement/ Sump Pump Room/ Right Side/ Sample of Pump Piping Insulation/ Brown Cloth Wrap	Yellow	No		Non-Fibrous Material	100%
134WZ 05/25/2004 0403439-007	Concrete Block Mortar, Tan, Homogeneous, Friable Basement/ Sump Pump Room/ West Wall/ Sample of Concrete Block Mortar	Tan	No		Non-Fibrous Material	100%
135WZ 05/25/2004 0403439-008	Concrete Block Mortar, Tan, Homogeneous, Friable Basement/ Stairwell/ East Wall/ Sample of Concrete Block Mortar	Tan	No		Non-Fibrous Material	100%
136WZ 05/25/2004 0403439-009	Concrete Block Mortar, Tan, Homogeneous, Friable Basement/ Boiler Room/ Sample of Concrete Block Mortar	Tan	No		Cellulose Fiber Non-Fibrous Material	15% 85%
137X2 05/25/2004 0403439-010	Interior Boiler Lining, Brown, Homogeneous, Friable Basement/ Boiler Room/ Boiler 1/ Left Side/ Sample of Interior Boiler Lining	Brown	No		Non-Fibrous Material	100%
138X2 05/25/2004 0403439-011	Interior Boiler Lining, Brown, Homogeneous, Friable Basement/ Boiler Room/ Boiler 1/ Right Side/ Sample of Interior Boiler Lining	Brown	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125281

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
139X2 05/25/2004 0403439-012	Interior Boiler Lining, Brown, Homogeneous, Friable Basement/ Boiler Room/ Boiler 1/ Rear Side/ Sample of Interior Boiler Lining	Brown	No			Non-Fibrous Material	100%
140YZ 05/25/2004 0403439-013	Exterior Boiler Coating, Brown, Homogeneous, Friable Basement/ Boiler Room/ Boiler 1/ Right Side/ Sample of Exterior Boiler Coating	Brown	No			Non-Fibrous Material	100%
141YZ 05/25/2004 0403439-014	Exterior Boiler Coating, Brown, Homogeneous, Friable Basement/ Boiler Room/ Boiler 1/ Left Side/ Sample of Exterior Boiler Coating	Brown	No			Non-Fibrous Material	100%
142YZ 05/25/2004 0403439-015	Exterior Boiler Coating, Brown, Homogeneous, Friable Basement/ Boiler Room/ Boiler 1/ Rear Side/ Sample of Exterior Boiler Coating	Brown	Yes	Chrysotile	Trace	Non-Fibrous Material	99%
143Z2 05/25/2004 0403439-016	Boiler Exterior Canvas Over Fiberglass, White/ Yellow, Non-homogeneous, Friable Basement/ Boiler Room/ Boiler 2/ Left Side/ Sample of Boiler Exterior Canvas Over Fiberglass	White/ Yellow	No			Fibrous Glass Cellulose Fiber Non-Fibrous Material	40% 50% 10%

Gulam Mackdiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125282

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
144Z2 05/25/2004 0403439-017	Boiler Exterior Canvas Over Fiberglass, White, Homogeneous, Friable Basement/ Boiler Room/ Boiler 2/ Right Side/ Sample of Boiler Exterior Canvas Over Fiberglass	White	No		Cellulose Fiber Non-Fibrous Material	75% 25%
145Z2 05/25/2004 0403439-018	Boiler Exterior Canvas Over Fiberglass, Yellow/ White, Homogeneous, Friable Basement/ Boiler Room/ Boiler 2/ Top Side/ Sample of Boiler Exterior Canvas Over Fiberglass	Yellow/ White	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	60% 30% 10%
146A3 05/25/2004 0403439-019	Boiler Pad Cement Coating Tar, Black, Homogeneous, Non-Friable Note: Recommend TEM Basement/ Boiler Room/ Boiler Support Panel/ East Side/ Sample of Boiler Pad Cement Coating Tar	Black	No		Non-Fibrous Material	100%
147A3 05/25/2004 0403439-020	Boiler Pad Cement Coating Tar, Black, Homogeneous, Non-Friable Note: Recommend TEM Basement/ Boiler Room/ Boiler Support Panel/ North Side/ Sample of Boiler Pad Cement Coating Tar	Black	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	20% 3% 77%
148A3 05/25/2004 0403439-021	Boiler Pad Cement Coating Tar, Black, Homogeneous, Non-Friable Note: Recommend TEM Basement/ Boiler Room/ Boiler Support Panel/ South Side/ Sample of Boiler Pad Cement Coating Tar	Black	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	25% 3% 72%

Gulam Machanwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125283

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
149B3 05/25/2004 0403439-022	Door Panel Mortar, Brown, Homogeneous, Friable Basement/ Boiler Room/ Boiler 2/ Front Right/ Sample of Door Panel Mortar	Brown	No			Non-Fibrous Material	100%
150B3 05/25/2004 0403439-023	Door Panel Mortar, Brown, Homogeneous, Friable Basement/ Boiler Room/ Boiler 2/ Front Left/ Sample of Door Panel Mortar	Brown	No			Non-Fibrous Material	100%
151B33 05/25/2004 0403439-024	Door Panel Caulking, Tan, Homogeneous, Non-Friable Note: Recommend TEM Basement/ Boiler Room/ Boiler 2/ Rear/ Sample of Door Panel Caulking	Tan	No			Non-Fibrous Material	100%
152C3 05/25/2004 0403439-025	Chimney Access Door Frame Caulk, Gray/ Tan, Non-homogeneous, Non-Friable Basement/ Boiler Room/ Chimney Behind Boiler/ Door/ Right Side/ Sample of Chimney Access Door Frame Caulk	Gray/ Tan	Yes	Chrysotile	30.8%	Non-Fibrous Material	69.2%
153C3 05/25/2004 0403439-026	Chimney Access Door Frame Caulk, Gray/ Tan, Non-homogeneous Note: Sample Not Analyzed Basement/ Boiler Room/ Chimney Behind Boiler/ Door/ Left Side/ Sample of Chimney Access Door Frame Caulk	Gray/ Tan					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125284

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
154C3 05/25/2004 0403439-027	Chimney Access Door Frame Caulk, Gray/ Tan, Non-homogeneous Note: Sample Not Analyzed Basement/ Boiler Room/ Chimney Behind Boiler/ Door/ Top Side/ Sample of Chimney Access Door Frame Caulk	Gray/ Tan				
155D3 05/25/2004 0403439-028	Flue Connector Sealant, Gray/ White, Non-homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Top Side/ Sample of Flue Connector Sealant	Gray/ White	No		Non-Fibrous Material	100%
156D3 05/25/2004 0403439-029	Flue Connector Sealant, Gray/ White, Non-homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Right Side/ Sample of Flue Connector Sealant	Gray/ White	No		Non-Fibrous Material	100%
157D3 05/25/2004 0403439-030	Flue Connector Sealant, Gray/ White, Non-homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Bottom Side/ Sample of Flue Connector Sealant	Gray/ White	No		Non-Fibrous Material	100%
158E3 05/25/2004 0403439-031	Chimney Firebrick Mortar, Brown, Homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Right Side/ Sample of Chimney Firebrick Mortar	Brown	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125285

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
159E3 05/25/2004 0403439-032	Chimney Firebrick Mortar, Brown, Homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Left Side/ Sample of Chimney Firebrick Mortar	Brown	No		Non-Fibrous Material	100%
160E3 05/25/2004 0403439-033	Chimney Firebrick Mortar, Brown, Homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Bottom Side/ Sample of Chimney Firebrick Mortar	Brown	No		Non-Fibrous Material	100%
161F3 05/25/2004 0403439-034	Chimney Firebrick, Red, Homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Right Side/ Sample of Chimney Firebrick	Red	No		Non-Fibrous Material	100%
162F3 05/25/2004 0403439-035	Chimney Firebrick, Red, Homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Left Side/ Sample of Chimney Firebrick	Red	No		Non-Fibrous Material	100%
163F3 05/25/2004 0403439-036	Chimney Firebrick, Red, Homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Bottom Side/ Sample of Chimney Firebrick	Red	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125286

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
164G3 05/25/2004 0403439-037	Ash in Chimney, Black, Homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Top Side/ Sample of Ash in Chimney	Black	No			Non-Fibrous Material	100%
165G3 05/25/2004 0403439-038	Ash in Chimney, Black, Homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Bottom Side/ Sample of Ash in Chimney	Black	No			Non-Fibrous Material	100%
166G3 05/25/2004 0403439-039	Ash in Chimney, Black, Homogeneous, Friable Basement/ Boiler Room/ Chimney Near Boiler 1/ Right Side/ Sample of Ash in Chimney	Black	No			Non-Fibrous Material	100%
167H3 05/25/2004 0403439-040	Perimeter Waterproofing Tar, Black, Homogeneous, Non-Friable Basement/ Tank Room Near Boiler Room/ East/ Sample of Perimeter Waterproofing	Black	Yes	Chrysotile	4.8%	Cellulose Fiber Non-Fibrous Material	10.2% 85%
168H3 05/25/2004 0403439-041	Perimeter Waterproofing Tar, Black Note: Sample Not Analyzed Basement/ Tank Room Near Boiler Room/ West/ Sample of Perimeter Waterproofing Tar	Black					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125287

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
169H3 05/25/2004 0403439-042	Perimeter Waterproofing Tar, Black Note: Sample Not Analyzed Basement/ Tank Room Near Boiler Room/ North Side/ Sample of Perimeter Waterproofing	Black				
170I3 05/25/2004 0403439-043	Fire Door Insulation, Brown, Homogeneous, Friable Basement/ Room With Duct/ Left Door/ Sample of Fire Door Insulation	Brown	No		Cellulose Fiber	100%
171I3 05/25/2004 0403439-044	Fire Door Insulation, Brown, Homogeneous, Friable Basement/ Room With Duct/ Right Door/ Sample of Fire Door Insulation	Brown	No		Cellulose Fiber	100%
172I3 05/25/2004 0403439-045	Fire Door Insulation, Brown, Homogeneous, Friable Basement/ Telephone Room Door/ Sample of Fire Door Insulation	Brown	No		Cellulose Fiber	100%
173J3 05/25/2004 0403439-046	Duct Cement, Gray, Homogeneous, Friable Basement/ Room With Duct/ East Side/ Top of Duct/ Sample of Duct Cement	Gray	No		Non-Fibrous Material	100%
174J3 05/25/2004 0403439-047	Duct Cement, Tan, Homogeneous, Friable Basement/ Room With Duct/ East Side/ Bottom of Duct/ Sample of Duct Cement	Tan	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125288

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
175J3 05/25/2004 0403439-048	Duct Cement, Tan, Homogeneous, Friable Basement/ Room With Duct/ East Side/ Right Side of Duct/ Sample of Duct Cement	Tan	No		Non-Fibrous Material	100%
176K3 05/25/2004 0403439-049	Gypsum Block Wall, Tan, Homogeneous, Friable Basement/ North East Room/ North Wall/ East/ Sample of Gypsum Block Wall	Tan	No		Cellulose Fiber Non-Fibrous Material	10% 90%
177K3 05/25/2004 0403439-050	Gypsum Block Wall, Tan, Homogeneous, Friable Basement/ North East Room/ North Wall/ West/ Sample of Gypsum Block Wall	Tan	No		Non-Fibrous Material	100%
178K3 05/25/2004 0403439-051	Gypsum Block Wall, Tan, Homogeneous, Friable Basement/ North East Room/ North Wall/ Center/ Sample of Gypsum Block Wall	Tan	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125289

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/26/2004
Date Analyzed:	05/26/2004
Batch #:	0403439

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125290

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403440

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
179L3 05/25/2004 0403440-001	Wall Plaster White Coat, White, Homogeneous, Friable Ground Floor/ West Wall Across From Main Door/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
180L3 05/25/2004 0403440-002	Wall Plaster White Coat, White, Homogeneous, Friable Ground Floor/ Column 3G/ Bottom/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
181L3 05/25/2004 0403440-003	Wall Plaster White Coat, White, Homogeneous, Friable Ground Floor/ East Wall Near Door at Window/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
182L3 05/25/2004 0403440-004	Wall Plaster White Coat, White, Homogeneous, Friable Ground Floor/ East Wall at Column Line E/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
183L3 05/25/2004 0403440-005	Wall Plaster White Coat, White, Homogeneous, Friable Ground Floor/ West Wall at South Side/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
184L3 05/25/2004 0403440-006	Wall Plaster White Coat, White, Homogeneous, Friable Ground Floor/ South Wall 1 at Column Line 4/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125291

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403440

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
185L3 05/25/2004 0403440-007	Wall Plaster White Coat, White, Homogeneous, Friable Ground Floor/ North Wall/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
186M3 05/25/2004 0403440-008	Wall Plaster Brown Coat, Brown, Homogeneous, Friable Ground Floor/ West Wall Across From Main Door/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
187M3 05/25/2004 0403440-009	Wall Plaster Brown Coat, Brown, Homogeneous, Friable Ground Floor/ Column 3G/ Bottom/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
188M3 05/25/2004 0403440-010	Wall Plaster Brown Coat, Brown, Homogeneous, Friable Ground Floor/ East Wall Near Door at Window/ Sample of Wall Plaster Brown Coat	Brown	No		Cellulose Fiber Non-Fibrous Material	2% 98%
189M3 05/25/2004 0403440-011	Wall Plaster Brown Coat, Brown, Homogeneous, Friable Ground Floor/ East Wall at Column Line E/ Sample of Wall Plaster Brown Coat	Brown	No		Cellulose Fiber Non-Fibrous Material	4% 96%
190M3 05/25/2004 0403440-012	Wall Plaster Brown Coat, Brown, Homogeneous, Friable Ground Floor/ West Wall at South Side/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125292

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403440

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
191M3 05/25/2004 0403440-013	Wall Plaster Brown Coat, Brown, Homogeneous, Friable Ground Floor/ South Wall at Column Line 4/ Sample of Wall Plaster Brown Coat	Brown	No		Cellulose Fiber Non-Fibrous Material	Trace 99%
192M3 05/25/2004 0403440-014	Wall Plaster Brown Coat, Brown, Homogeneous, Friable Ground Floor/ North Wall/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
193N3 05/25/2004 0403440-015	Interior Window Caulking, Black, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North Wall/ East Window/ Right Side/ Sample of Interior Window Caulking	Black	No		Non-Fibrous Material	100%
194N3 05/25/2004 0403440-016	Interior Window Caulking, Black, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North Wall/ East Window/ Left Side/ Sample of Interior Window Caulking	Black	No		Non-Fibrous Material	100%
195N3 05/25/2004 0403440-017	Interior Window Caulking, Black, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North Wall/ East Window/ Top Side/ Sample of Interior Window Caulking	Black	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125293

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/26/2004
Date Analyzed:	05/26/2004
Batch #:	0403440

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
196O3 05/25/2004 0403440-018	Ceramic Tile Mastic, Black, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ East Wall/ Sample of Ceramic Tile Mastic	Black	No		Non-Fibrous Material	100%
197O3 05/25/2004 0403440-019	Ceramic Tile Mastic, Cream, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ South Wall/ Sample of Ceramic Tile Mastic	Cream	No		Non-Fibrous Material	100%
198O3 05/25/2004 0403440-020	Ceramic Tile Mastic, Cream, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Column Near North Door/ Sample of Ceramic Tile Mastic	Cream	No		Non-Fibrous Material	100%
199P3 05/25/2004 0403440-021	Ceramic Tile Grout, Cream, Homogeneous, Friable Ground Floor/ East Wall/ Sample of Ceramic Tile Grout	Cream	No		Non-Fibrous Material	100%
200P3 05/25/2004 0403440-022	Ceramic Tile Grout, Cream, Homogeneous, Friable Ground Floor/ South Wall/ Sample of Ceramic Tile Grout	Cream	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125294

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403440

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
201P3 05/25/2004 0403440-023	Ceramic Tile Grout, Cream, Homogeneous, Friable Ground Floor/ Column Near North Wall/ Sample of Ceramic Tile Grout	Cream	No			Non-Fibrous Material	100%
202Q3 05/25/2004 0403440-024	Perimeter Flashing Tar, Black, Homogeneous, Non-Friable Floor 2/ Stair 2 Landing/ North Side/ Sample of Perimeter Flashing Tar	Black	Yes	Chrysotile	5.8%	Cellulose Fiber Fibrous Glass Non-Fibrous Material	15% 1.2% 78%
203Q3 05/25/2004 0403440-025	Perimeter Flashing Tar, Black Note: Sample Not Analyzed Floor 2/ Stair 2 Landing/ East Side of Door Frame/ Sample of Perimeter Flashing Tar	Black					
204Q3 05/25/2004 0403440-026	Perimeter Flashing Tar, Black Note: Sample Not Analyzed Floor 2/ Stair 2 Landing/ At South Door Frame/ Sample of Perimeter Flashing Tar	Black					
205R3 05/25/2004 0403440-027	12x12 Floor Tiles, Black, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North Elevator/ North Side/ Sample of 12x12 Floor Tiles	Black	No			Non-Fibrous Material	100%
206R3 05/25/2004 0403440-028	12x12 Floor Tiles, Black, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North Elevator/ South Side/ Sample of 12x12 Floor Tiles	Black	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125295

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403440

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
207R3 05/25/2004 0403440-029	12x12 Floor Tiles, Black, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North Elevator/ 2nd Elevator From North/ Sample of 12x12 Floor Tiles	Black	No			Non-Fibrous Material	100%
208S3 05/25/2004 0403440-030	12x12 Floor Tile Mastic, Black/ Beige, Non-homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North Elevator/ North Side/ Sample of 12x12 Floor Tile Mastic	Black/ Beige	Yes	Chrysotile	Trace	Fibrous Glass Cellulose Fiber Non-Fibrous Material	7% 8% 84%
209S3 05/25/2004 0403440-031	12x12 Floor Tile Mastic, Black, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North Elevator/ South Side/ Sample of 12x12 Floor Tile Mastic	Black	No			Cellulose Fiber Fibrous Glass Non-Fibrous Material	Trace Trace 98%
210S3 05/25/2004 0403440-032	12x12 Floor Tile Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ North Elevator/ 2nd Elevator From North/ Sample of 12x12 Floor Tile Mastic	Beige	No			Non-Fibrous Material	100%
211T3 05/25/2004 0403440-033	Boiler Room Air Vent Caulking, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Loading Dock/ Sample of Boiler Room Air Vent Caulking	Dark Brown	No			Cellulose Fiber Fibrous Glass Non-Fibrous Material	1% 1% 98%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125296

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403440

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
212T3 05/25/2004 0403440-034	Boiler Room Air Vent Caulking, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Loading Dock/ Sample of Boiler Room Air Vent Caulking	Dark Brown	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	1% 1% 98%
213T3 05/25/2004 0403440-035	Boiler Room Air Vent Caulking, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Loading Dock/ Sample of Boiler Room Air Vent Caulking	Dark Brown	No		Cellulose Fiber Non-Fibrous Material	3% 97%
214U3 05/25/2004 0403440-036	Horsehair Pipe Fitting Insulation, Brown, Homogeneous, Friable Ground Floor/ Loading Dock/ Sample of Horsehair Pipe Fitting Insulation	Brown	No		Hair	100%
215U3 05/25/2004 0403440-037	Horsehair Pipe Fitting Insulation, Brown, Homogeneous, Friable Ground Floor/ Loading Dock/ Sample of Horsehair Pipe Fitting Insulation	Brown	No		Cellulose Fiber Hair	8% 92%
216U3 05/25/2004 0403440-038	Horsehair Pipe Fitting Insulation, Brown, Homogeneous, Friable Ground Floor/ Loading Dock/ Sample of Horsehair Pipe Fitting Insulation	Brown	No		Hair Non-Fibrous Material	90% 10%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125297

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/26/2004
Date Analyzed:	05/26/2004
Batch #:	0403440

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125298

NYC 9/11 Public Portal Document

SECTION 3

LEAD PAINT SURVEY REPORT

NYC-WTC_000125299

NYC 9/11 Public Portal Document

3.1 LEAD PAINT INSPECTION AND SAMPLING PROCEDURES:

The U.S. Department of Housing and Urban Development (HUD) and the U.S. Environmental Protection Agency (EPA) define an inspection as a surface-by surface investigation to determine the presence of lead-based paint (see 40 CFR part 745 and Title X of the 1992 Housing and Community Development Act).

As per the EPA & HUD guidelines lead based paint is defined as a dried paint film with a lead concentration of greater than or equal to 1.0 mg/cm^2 or 0.5 percent by weight for this survey. Lead paint amounts were reported mg/cm^2 because this unit of measurement does not depend on the number of layers of non-lead based paint.

A. Portable XRF Testing Machines

Portable XRF lead-based paint analyzers are the most common primary analytical method for inspections because of their demonstrated abilities to:

1. Determine if lead-based paint is present on many different types of surfaces
2. Measure the paint without destructive sampling or paint removal
3. Provide sample results immediately and at a relatively low cost per sample

Portable XRF instruments expose a building component to X rays or gamma radiation, which causes lead to emit X rays with a characteristic frequency or energy. The intensity of this radiation is measured by the instrument. The inspector must then compare this displayed value (reading) with the inconclusive range or threshold specified in the XRF Performance Characteristic Sheet for the specific substrate beneath the painted surface. If the reading is less than the lower boundary of the inconclusive range, or less than the threshold, then the reading is considered negative. If the reading is greater than the upper boundary of the inconclusive range, or greater or equal to the threshold, then the reading is considered positive. Readings within the inconclusive range, including its boundary values, are considered inconclusive. Because the inconclusive ranges and/or thresholds shown in the Performance Characteristic Sheet are based on 1.0 mg/cm^2, positive and negative readings are consistent with the HUD definition of lead-based paint for identification and disclosure purposes.

B. XRF Inspection Methodology

JLC conducts LBP Inspections using XRF methodology in a strict and rigorous manner. Our inspection methodology is based on Chapter 7 of the U.S. Department of Housing and Urban Development's (HUD) *Guidelines For the Evaluation and Control of Lead Based Paint Hazards in Housing.* A typical Lead-Based Paint Inspection involves several distinct tasks:

NYC-WTC_000125300

NYC 9/11 Public Portal Document

1. The inspector enters the area to be inspected, identifies all room equivalents and creates a hand sketch of the area. Room 1 is to be the room which contains the entry door to the dwelling or facility. Each subsequent room equivalent is then numbered. Room 2 is designated as the room which is nearest to the left hand side of Room 1 (if facing the dwelling with back towards the dwelling's primary entrance). Room numbering is then continued in a clockwise fashion.

2. The inspector then identifies each testing combination in Room 1. A testing combination is defined as a unique combination of room equivalent, building component type, and substrate. The color, condition and location of the testing combination is also noted. Locations are designated as follows: Wall 1 is the wall directly to the back of the inspector when he or she enters the room equivalent. Subsequent walls are numbered in a clockwise fashion. For example, if the inspector was noting the location of the entry door of a bedroom, that door would be located on wall 1. If he was noting the location of a window to his left, that window would be located on wall 2. Components such as light fixtures and ceilings are noted as located on the ceiling, and components that are not near a wall are noted as located in the room center.

3. Using the XRF device, the inspector collects readings from all testing combinations in Room 1.

4. When all testing combinations are tested, the inspector then continues the inspection with the remaining room equivalents.

5. The inspection is finished when all testing combinations in the dwelling or facility have been tested.

3.2 SCOPE OF WORK FOR LEAD BASED PAINT:

The inspection for lead based paint included the following locations:

1. Basement
2. Ground Floor
3. Floor 2-12
4. Main and Bulkhead Roofs
5. Terrace Roofs
6. Exterior Façade

The inspection was characterized by a close visual inspection of all accessible areas. Suspect paints were sampled and inventoried for quantity and condition. Components examined included:

1. Lower Wall

NYC-WTC_000125301

NYC 9/11 Public Portal Document

2. Upper Wall
3. Ceiling
4. Door
5. Door Frame
6. Pipe
7. Hand Rail
8. Stair Tread
9. Stair Riser
10. Electrical Conduit
11. Wall
12. Tank #1
13. Tank #2
14. Access Panel
15. Door Large
16. Door Frame Large
17. Column
18. Pipe Large
19. Pipe Small
20. Electrical Box
21. Floor
22. Ladder
23. Post

3.3 SUMMARY OF FINDINGS FOR LBP:

Lead Based Paint was detected in the following painted surfaces tested (>1.0 mg/cm^2 as per EPA/HUD Standards):

1. Lower Wall
2. Upper Wall
3. Door
4. Door Frame
5. Pipe
6. Hand Rail
7. Stair Tread
8. Stair Riser
9. Electrical Conduit
10. Wall
11. Door Large
12. Door Frame Large
13. Column
14. Pipes
15. Ladder

NYC-WTC_000125302

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403451

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
217V3 05/26/2004 0403451-001	Baseboard Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ Exterior Elevator Bank Wall/ South/ Sample of Baseboard Mastic	Beige	No		Non-Fibrous Material	100%
218V3 05/26/2004 0403451-002	Baseboard Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ West Wall/ South Side/ Sample of Baseboard Mastic	Beige	No		Non-Fibrous Material	100%
219V3 05/26/2004 0403451-003	Baseboard Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ South Wall/ West Side/ Sample of Baseboard Mastic	Beige	No		Non-Fibrous Material	100%
220W3 05/26/2004 0403451-004	Stucco, Tan, Homogeneous, Friable 2nd Floor/ Hallway to Stairwell 2/ North Side/ Sample of Stucco	Tan	No		Non-Fibrous Material	100%
221W3 05/26/2004 0403451-005	Stucco, Tan, Homogeneous, Friable 2nd Floor/ Hallway to Stairwell 2/ South Side/ Sample of Stucco	Tan	No		Non-Fibrous Material	100%
222W3 05/26/2004 0403451-006	Stucco, Tan, Homogeneous, Friable 2nd Floor/ Hallway to Stairwell 2/ West Side/ Sample of Stucco	Tan	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125303

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403451

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
223X3 05/26/2004 0403451-007	Spackling Compound on Wall, White, Homogeneous, Friable 2nd Floor/ Column D4/ Sample of Spackling Compound on Wall	White	No		Non-Fibrous Material	100%
224X3 05/26/2004 0403451-008	Spackling Compound on Wall, White, Homogeneous, Friable 2nd Floor/ Column C4/ Sample of Spackling Compound on Wall	White	No		Non-Fibrous Material	100%
225X3 05/26/2004 0403451-009	Spackling Compound on Wall, White, Homogeneous, Friable 2nd Floor/ Column E4/ Sample of Spackling Compound on Wall	White	No		Non-Fibrous Material	100%
226Y3 05/26/2004 0403451-010	2x4 Perforated Ceiling Tiles, Tan/ White, Non-homogeneous, Friable 2nd Floor/ South Bathroom/ West/ Sample of 2x4 Perforated Ceiling Tiles	Tan/ White	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	63% 25% 12%
227Y3 05/26/2004 0403451-011	2x4 Perforated Ceiling Tiles, Tan/ White, Non-homogeneous, Friable 2nd Floor/ South Bathroom/ East/ Sample of 2x4 Perforated Ceiling Tiles	Tan/ White	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	60% 25% 15%
228Y3 05/26/2004 0403451-012	2x4 Perforated Ceiling Tiles, Tan/ White, Non-homogeneous, Friable 2nd Floor/ North Bathroom/ Sample of 2x4 Perforated Ceiling Tiles	Tan/ White	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	60% 25% 15%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125304

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403451

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
229Z3 05/26/2004 0403451-013	Ceramic Tile Grout, Tan, Homogeneous, Friable 2nd Floor/ South Bathroom/ West/ Sample of Ceramic Tile Grout	Tan	No		Non-Fibrous Material	100%
230Z3 05/26/2004 0403451-014	Ceramic Tile Grout, Tan, Homogeneous, Friable 2nd Floor/ South Bathroom/ East/ Sample of Ceramic Tile Grout	Tan	No		Non-Fibrous Material	100%
231Z3 05/26/2004 0403451-015	Ceramic Tile Grout, Tan, Homogeneous, Friable 2nd Floor/North Bathroom/ Sample of Ceramic Tile Grout	Tan	No		Non-Fibrous Material	100%
232A4 05/26/2004 0403451-016	Ceramic Tile Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ South Bathroom/ West/ Sample of Ceramic Tile Mastic	Beige	No		Non-Fibrous Material	100%
233A4 05/26/2004 0403451-017	Ceramic Tile Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ South Bathroom/ East/ Sample of Ceramic Tile Mastic	Beige	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125305

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403451

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
234A4 05/26/2004 0403451-018	Ceramic Tile Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ North Bathroom/ Sample of Ceramic Tile Mastic	Beige	No			Non-Fibrous Material	100%
235B4 05/26/2004 0403451-019	Interior Brick Mortar, Tan/ White, Non-homogeneous, Friable 2nd Floor/ East Wall/ South/ Sample of Interior Brick Mortar	Tan/ White	Yes	Anthophyllite	Trace	Non-Fibrous Material	99%
236B4 05/26/2004 0403451-020	Interior Brick Mortar, Tan, Homogeneous, Friable 2nd Floor/ East Wall/ Middle/ Sample of Interior Brick Mortar	Tan	No			Non-Fibrous Material	100%
237B4 05/26/2004 0403451-021	Interior Brick Mortar, Tan, Homogeneous, Friable 2nd Floor/ East Wall/ North/ Sample of Interior Brick Mortar	Tan	No			Non-Fibrous Material	100%
238C4 05/26/2004 0403451-022	Wall Plaster White Coat, White, Homogeneous, Friable 2nd Floor/ Elevator Bank/ Exterior North Corner/ Top/ Sample of Wall Plaster White Coat	White	No			Cellulose Fiber Non-Fibrous Material	1% 99%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125306

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/27/2004
Date Analyzed:	05/27/2004
Batch #:	0403451

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
239C4 05/26/2004 0403451-023	Wall Plaster White Coat, White, Homogeneous, Friable 2nd Floor/ Elevator Bank/ Exterior North Corner/ Middle/ Sample of Wall Plaster White Coat	White	No		Cellulose Fiber Non-Fibrous Material	2% 98%
240C4 05/26/2004 0403451-024	Wall Plaster White Coat, White, Homogeneous, Friable 2nd Floor/ Elevator Bank/ Exterior North Corner/ Bottom/ Sample of Wall Plaster White Coat	White	No		Cellulose Fiber Non-Fibrous Material	2% 98%
241D4 05/26/2004 0403451-025	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 2nd Floor/ Elevator Bank/ Exterior North Corner/ Top/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
242D4 05/26/2004 0403451-026	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 2nd Floor/ Elevator Bank/ Exterior North Corner/ Middle/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
243D4 05/26/2004 0403451-027	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 2nd Floor/ Elevator Bank/ Exterior North Corner/ Bottom/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125307

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403451

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
244E4 05/26/2004 0403451-028	Exterior Stucco, Tan, Homogeneous, Friable 2nd Floor/ South Elevation/ West/ Sample of Exterior Stucco	Tan	No		Non-Fibrous Material	100%
245E4 05/26/2004 0403451-029	Exterior Stucco, Tan, Homogeneous, Friable 2nd Floor/ South Elevation/ East/ Sample of Exterior Stucco	Tan	No		Non-Fibrous Material	100%
246E4 05/26/2004 0403451-030	Exterior Stucco, Tan, Homogeneous, Friable 2nd Floor/ East Elevation/ Sample of Exterior Stucco	Tan	No		Non-Fibrous Material	100%
247F4 05/26/2004 0403451-031	Caulking on Loading Door Gate Angle Support, Cream, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ South Elevation/ Center/ Top/ Sample of Caulking on Loading Door Gate Angle Support	Cream	No		Non-Fibrous Material	100%
248F4 05/26/2004 0403451-032	Caulking on Loading Door Gate Angle Support, Cream, Homogeneous, Non-Friable Note: Recommend TEM 2nd Floor/ South Elevation/ Center/ Bottom/ Sample of Caulking on Loading Door Gate Angle Support	Cream	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125308

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403451

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
249F4 05/26/2004	Caulking on Loading Door Gate Angle Support, Cream, Homogeneous, Non-Friable Note: Recommend TEM	Cream	No			
0403451-033	2nd Floor/ South Elevation/ Center/ Right/ Sample of Caulking on Loading Door Gate Angle Support				Non-Fibrous Material	100%

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:
Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:
All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:
Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125309

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403449

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
250G4 05/26/2004 0403449-001	Interior Window Putty, Gray, Non-homogeneous, Non-Friable Note: Recommend TEM 3rd Floor/ East Wall/ South Window/ Sample of Interior Window Putty	Gray	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	1% 1% 98%
251G4 05/26/2004 0403449-002	Interior Window Putty, Gray, Non-homogeneous, Non-Friable Note: Recommend TEM 3rd Floor/ East Wall/ Center Window/ Sample of Interior Window Putty	Gray	No		Fibrous Glass Non-Fibrous Material	Trace 99%
252G4 05/26/2004 0403449-003	Interior Window Putty, Gray/ Black, Non-homogeneous, Non-Friable Note: Recommend TEM 3rd Floor/ East Wall/ North Window/ Sample of Interior Window Putty	Gray/ Black	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	4% Trace 95%
253H4 05/26/2004 0403449-004	Wall Cement Patch, Beige, Homogeneous, Friable 3rd Floor/ South Bathroom/ North Wall/ Sample of Wall Cement Patch	Beige	No		Non-Fibrous Material	100%
254H4 05/26/2004 0403449-005	Wall Cement Patch, Beige, Homogeneous, Friable 3rd Floor/ South Bathroom/ South Wall/ Sample of Wall Cement Patch	Beige	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125310

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403449

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
255H4 05/26/2004 0403449-006	Wall Cement Patch, Beige, Homogeneous, Friable 3rd Floor/ South Bathroom/ East Wall/ Sample of Wall Cement Patch	Beige	No		Non-Fibrous Material	100%
256I4 05/26/2004 0403449-007	Ceramic Tile Mortar, Beige, Homogeneous, Friable 3rd Floor/ South Bathroom/ North Wall/ Sample of Ceramic Tile Mortar	Beige	No		Non-Fibrous Material	100%
257I4 05/26/2004 0403449-008	Ceramic Tile Mortar, Beige, Homogeneous, Friable 3rd Floor/ South Bathroom/ South Wall/ Sample of Ceramic Tile Mortar	Beige	No		Non-Fibrous Material	100%
258I4 05/26/2004 0403449-009	Ceramic Tile Mortar, Beige/ Black, Homogeneous, Friable 3rd Floor/ South Bathroom/ East Wall/ Sample of Ceramic Tile Mortar	Beige/ Black	No		Non-Fibrous Material	100%
259J4 05/26/2004 0403449-010	White Skim Coat, White, Homogeneous, Friable 3rd Floor/ South Bathroom/ South Wall/ East/ Sample of White Skim Coat	White	No		Cellulose Fiber Non-Fibrous Material	1% 99%
260J4 05/26/2004 0403449-011	White Skim Coat, White, Homogeneous, Friable 3rd Floor/ South Wall/ Column Line 3/ Sample of Ceramic Tile Mortar	White	No		Cellulose Fiber Non-Fibrous Material	Trace 99%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403449

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
261J4 05/26/2004 0403449-012	White Skim Coat, White, Homogeneous, Friable 3rd Floor/ East Wall/ Column Line B/ Sample of Ceramic Tile Mortar	White	No		Non-Fibrous Material	100%
262J4 05/26/2004 0403449-013	White Skim Coat, White, Homogeneous, Friable 3rd Floor/ Column H4/ Sample of White Skim Coat	White	No		Cellulose Fiber Non-Fibrous Material	2% 98%
263J4 05/26/2004 0403449-014	White Skim Coat, Off White, Homogeneous, Friable 3rd Floor/ Column G4/ Sample of White Skim Coat	Off White	No		Non-Fibrous Material	100%
264J4 05/26/2004 0403449-015	White Skim Coat, White, Homogeneous, Friable 3rd Floor/ Column F4/ Sample of White Skim Coat	White	No		Cellulose Fiber Non-Fibrous Material	4% 96%
265J4 05/26/2004 0403449-016	White Skim Coat, White, Homogeneous, Friable 3rd Floor/ Column F3/ Sample of White Skim Coat	White	No		Cellulose Fiber Non-Fibrous Material	2% 98%
266K4 05/26/2004 0403449-017	Wall Plaster White Coat, White, Homogeneous, Friable 3rd Floor/ West Wall/ North Side/ Top/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125312

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/26/2004
Batch #: 0403449

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
267K4 05/26/2004 0403449-018	Wall Plaster White Coat, White, Homogeneous, Friable 3rd Floor/ West Wall/ North Side/ Bottom/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
268K4 05/26/2004 0403449-019	Wall Plaster White Coat, White, Homogeneous, Friable 3rd Floor/ West Wall/ South Side/ Top/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
269K4 05/26/2004 0403449-020	Wall Plaster White Coat, White, Homogeneous, Friable 3rd Floor/ West Wall/ South Side/ Bottom/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
270K4 05/26/2004 0403449-021	Wall Plaster White Coat, White, Homogeneous, Friable 3rd Floor/ West Wall/ Right Side/ Top/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
271L4 05/26/2004 0403449-022	Wall Plaster Brown Coat, Tan, Homogeneous, Friable 3rd Floor/ West Wall/ North Side/ Top/ Sample of Wall Plaster Brown Coat	Tan	No		Synthetic Fiber Non-Fibrous Material	1% 99%
272L4 05/26/2004 0403449-023	Wall Plaster Brown Coat, Tan, Homogeneous, Friable 3rd Floor/ West Wall/ North Side/ Bottom/ Sample of Wall Plaster Brown Coat	Tan	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	2% 1% 97%

Gulam Machmiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125313

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/26/2004
Date Analyzed:	05/26/2004
Batch #:	0403449

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
273L4 05/26/2004 0403449-024	Wall Plaster Brown Coat, Tan, Homogeneous, Friable 3rd Floor/ West Wall/ South Side/ Top/ Sample of Wall Plaster Brown Coat	Tan	No		Synthetic Fiber Non-Fibrous Material	1% 99%
274L4 05/26/2004 0403449-025	Wall Plaster Brown Coat, Tan, Homogeneous, Friable 3rd Floor/ West Wall/ South Side/ Bottom/ Sample of Wall Plaster Brown Coat	Tan	No		Synthetic Fiber Fibrous Glass Non-Fibrous Material	1% 1% 98%
275L4 05/26/2004 0403449-026	Wall Plaster Brown Coat, Tan, Homogeneous, Friable 3rd Floor/ West Wall/ South Side/ Right Side/ Sample of Wall Plaster Brown Coat	Tan	No		Synthetic Fiber Non-Fibrous Material	1% 99%

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125314

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/27/2004
Batch #: 0403462

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
276M4 05/26/2004 0403462-001	Wall Plaster White Coat, White, Homogeneous, Friable 4th Floor/ Elevator Bank/ North Wall/ East/ Sample of Wall Plaster/ White Coat	White	No		Fibrous Glass Non-Fibrous Material	1% 99%
277M4 05/26/2004 0403462-002	Wall Plaster White Coat, White, Homogeneous, Friable 4th Floor/ Elevator Bank/ North Wall/ Center/ Sample of Wall Plaster/ White Coat	White	No		Non-Fibrous Material	100%
278M4 05/26/2004 0403462-003	Wall Plaster White Coat, White, Homogeneous, Friable 4th Floor/ Elevator Bank/ North Wall/ West/ Sample of Wall Plaster/ White Coat	White	No		Fibrous Glass Non-Fibrous Material	1% 99%
279N4 05/26/2004 0403462-004	Wall Plaster Brown Coat, Gray, Homogeneous, Friable 4th Floor/ Elevator Bank/ North Wall/ East/ Sample of Wall Plaster/ Brown Coat	Gray	No		Non-Fibrous Material	100%
280N4 05/26/2004 0403462-005	Wall Plaster Brown Coat, Off White, Homogeneous, Friable 4th Floor/ Elevator Bank/ North Wall/ Center/ Sample of Wall Plaster/ Brown Coat	Off White	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	2% 1% 97%
281N4 05/26/2004 0403462-006	Wall Plaster Brown Coat, Off White, Homogeneous, Friable 4th Floor/ Elevator Bank/ North Wall/ West/ Sample of Wall Plaster/ Brown Coat	Off White	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125315

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 05/27/2004
Batch #: 0403462

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
282O4 05/26/2004 0403462-007	White Plaster Skim Coat, Cream, Homogeneous, Friable 4th Floor/ South Wall/ East Side/ Sample of White Plaster Skim Coat	Cream	No		Cellulose Fiber Non-Fibrous Material	4% 96%
283O4 05/26/2004 0403462-008	White Plaster Skim Coat, White, Homogeneous, Friable 4th Floor/ South Wall/ Center/ Sample of White Plaster Skim Coat	White	No		Non-Fibrous Material	100%
284O4 05/26/2004 0403462-009	White Plaster Skim Coat, Cream, Homogeneous, Friable 4th Floor/ South Wall/ West Side/ Sample of White Plaster Skim Coat	Cream	No		Non-Fibrous Material	100%
285O4 05/26/2004 0403462-010	White Plaster Skim Coat, Cream, Homogeneous, Friable 4th Floor/ At Column B3/ Sample of White Plaster Skim Coat	Cream	No		Non-Fibrous Material	100%
286O4 05/26/2004 0403462-011	White Plaster Skim Coat, Beige, Homogeneous, Friable 4th Floor/ West Wall at Elevators/ Sample of White Plaster Skim Coat	Beige	No		Cellulose Fiber Non-Fibrous Material	Trace 99%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125316

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/26/2004
Date Analyzed:	05/27/2004
Batch #:	0403462

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125317

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403452

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
287P4 05/26/2004 0403452-001	Carpet Mastic, Brown, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ Office at South East Corner/ North Side/ Sample of Carpet Mastic	Brown	No			Non-Fibrous Material	100%
288P4 05/26/2004 0403452-002	Carpet Mastic, Brown, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ Office at South East Corner/ West Side/ Sample of Carpet Mastic	Brown	No			Non-Fibrous Material	100%
289P4 05/26/2004 0403452-003	Carpet Mastic, Brown, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ Office at South East Corner/ East Side/ Sample of Carpet Mastic	Brown	No			Non-Fibrous Material	100%
290Q4 05/26/2004 0403452-004	Floor Leveling Cement, Maroon, Homogeneous, Non-Friable 5th Floor/ Office at South East Corner/ North Side/ Sample of Floor Leveling Cement	Maroon	Yes	Chrysotile	1.5%	Non-Fibrous Material	98.5%
291Q4 05/26/2004 0403452-005	Floor Leveling Cement, Maroon Note: Sample Not Analyzed 5th Floor/ Office at South East Corner/ West Side/ Sample of Floor Leveling Cement	Maroon					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125318

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403452

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
292Q4 05/26/2004 0403452-006	Floor Leveling Cement, Maroon Note: Sample Not Analyzed 5th Floor/ Office at South East Corner/ East Side/ Sample of Floor Leveling Cement	Maroon				
293R4 05/26/2004 0403452-007	Baseboard Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ Office at South East Corner/ North Side/ Sample of Baseboard Mastic	Beige	No		Cellulose Fiber Non-Fibrous Material	4% 96%
294R4 05/26/2004 0403452-008	Baseboard Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ Office at South East Corner/ West Side/ Sample of Baseboard Mastic	Beige	No		Non-Fibrous Material	100%
295R4 05/26/2004 0403452-009	Baseboard Mastic, Beige, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ Office at South East Corner/ East Side/ Sample of Baseboard Mastic	Beige	No		Cellulose Fiber Non-Fibrous Material	4% 96%
296S4 05/26/2004 0403452-010	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ Office at South East Wall/ South/ Sample of Interior Window Putty	Tan	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125319

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403452

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
297S4 05/26/2004 0403452-011	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ Office at South East Wall/ Center/ Sample of Interior Window Putty	Tan	No			Non-Fibrous Material	100%
298S4 05/26/2004 0403452-012	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ Office at South East Wall/ North/ Sample of Interior Window Putty	Tan	No			Non-Fibrous Material	100%
299T4 05/26/2004 0403452-013	Exterior Window Putty, Tan, Homogeneous, Non-Friable 5th Floor/ Office at South East Wall/ South/ Sample of Exterior Window Putty	Tan	Yes	Anthophyllite	4.3%	Wollastonite Non-Fibrous Material	1% 94.7%
300T4 05/26/2004 0403452-014	Exterior Window Putty, Tan, Homogeneous Note: Sample Not Analyzed 5th Floor/ Office at South East Wall/ Center/ Sample of Exterior Window Putty	Tan					
301T4 05/26/2004 0403452-015	Exterior Window Putty, Tan, Homogeneous Note: Sample Not Analyzed 5th Floor/ Office at South East Wall/ North/ Sample of Exterior Window Putty	Tan					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125320

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403452

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
302U4 05/26/2004 0403452-016	Exterior Window Caulking, Black/ Gray, Non-homogeneous, Non-Friable 5th Floor/ Office at South East Wall/ South/ Sample of Exterior Window Caulking	Black/ Gray	Yes	Chrysotile Anthophyllite	2.4% Trace	Fibrous Glass Cellulose Fiber Non-Fibrous Material	5% 1.6% 90%
303U4 05/26/2004 0403452-017	Exterior Window Caulking, Black/ Gray Note: Sample Not Analyzed 5th Floor/ Office at South East Wall/ Center/ Sample of Exterior Window Caulking	Black/ Gray					
304U4 05/26/2004 0403452-018	Exterior Window Caulking, Black/ Gray Note: Sample Not Analyzed 5th Floor/ Office at South East Wall/ North/ Sample of Exterior Window Caulking	Black/ Gray					
305V4 05/26/2004 0403452-019	12x12 Ceiling Tiles in Grid, Tan, Homogeneous, Friable 5th Floor/ North Bathroom/ West/ Sample of 12x12 Ceiling Tiles in Grid	Tan	No			Fibrous Glass Non-Fibrous Material	95% 5%
306V4 05/26/2004 0403452-020	12x12 Ceiling Tiles in Grid, Tan/ White, Homogeneous, Friable 5th Floor/ North Bathroom/ East/ Sample of 12x12 Ceiling Tiles in Grid	Tan/ White	No			Fibrous Glass Non-Fibrous Material	92% 8%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125321

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403452

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
307V4 05/26/2004 0403452-021	12x12 Ceiling Tiles in Grid, Tan, Homogeneous, Friable 5th Floor/ North Bathroom/ South/ Sample of 12x12 Ceiling Tiles in Grid	Tan	No			Cellulose Fiber Fibrous Glass Non-Fibrous Material	58% 40% 2%
308W4 05/26/2004 0403452-022	Corrugated Pipe Insulation, Tan, Non-homogeneous, Friable 5th Floor/ North Bathroom/ West Side/ Sample of Corrugated Pipe Insulation	Tan	Yes	Chrysotile	1.9%	Cellulose Fiber	98.1%
309W4 05/26/2004 0403452-023	Corrugated Pipe Insulation, Tan Note: Sample Not Analyzed 5th Floor/ North Bathroom/ North Side/ Sample of Corrugated Pipe Insulation	Tan					
310W4 05/26/2004 0403452-024	Corrugated Pipe Insulation, Tan Note: Sample Not Analyzed 5th Floor/ North Bathroom/ South Side/ Sample of Corrugated Pipe Insulation	Tan					
311X4 05/26/2004 0403452-025	Ceramic Tile Mastic, Yellow, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ South Bathroom/ West/ Sample of Ceramic Mastic Tile	Yellow	No			Non-Fibrous Material	100%
312X4 05/26/2004 0403452-026	Ceramic Tile Mastic, Yellow, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ North Bathroom/ West/ Sample of Ceramic Mastic Tile	Yellow	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125322

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/27/2004
Date Analyzed:	05/27/2004
Batch #:	0403452

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
313X4 05/26/2004 0403452-027	Ceramic Tile Mastic, Yellow, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ North Bathroom/ East/ Sample of Ceramic Mastic Tile	Yellow	No		Non-Fibrous Material	100%
314Y4 05/26/2004 0403452-028	Ceramic Tile Grout, White, Homogeneous, Friable 5th Floor/ South Bathroom/ West/ Sample of Ceramic Tile Grout	White	No		Non-Fibrous Material	100%
315Y4 05/26/2004 0403452-029	Ceramic Tile Grout, White, Homogeneous, Friable 5th Floor/ North Bathroom/ West/ Sample of Ceramic Tile Grout	White	No		Non-Fibrous Material	100%
316Y4 05/26/2004 0403452-030	Ceramic Tile Grout, White, Homogeneous, Friable 5th Floor/ North Bathroom/ East/ Sample of Ceramic Tile Grout	White	No		Non-Fibrous Material	100%
317Z4 05/26/2004 0403452-031	Floor Tile Mastic, Black, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ North East Area/ Sample of Floor Tile Mastic	Black	No		Cellulose Fiber Synthetic Fiber Non-Fibrous Material	10% 20% 70%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125323

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403452

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
318Z4 05/26/2004 0403452-032	Floor Tile Mastic, Black, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ North Center Area/ Sample of Floor Tile Mastic	Black	No			Cellulose Fiber Synthetic Fiber Non-Fibrous Material	10% 15% 75%
319Z4 05/26/2004 0403452-033	Floor Tile Mastic, Black, Homogeneous, Non-Friable Note: Recommend TEM 5th Floor/ North West Area/ Sample of Floor Tile Mastic	Black	No			Cellulose Fiber Synthetic Fiber Non-Fibrous Material	10% 15% 75%
320A5 05/26/2004 0403452-034	12x12 Floor Tiles, Gray, Homogeneous, Non-Friable 5th Floor/ North East Area/ Right Side/ Sample of 12x12 Floor Tiles	Gray	Yes	Chrysotile	1.5%	Non-Fibrous Material	98.5%
321A5 05/26/2004 0403452-035	12x12 Floor Tiles, Gray Note: Sample Not Analyzed 5th Floor/ North East Area/ Left Side/ Sample of 12x12 Floor Tiles	Gray					
322A5 05/26/2004 0403452-036	12x12 Floor Tiles, Gray Note: Sample Not Analyzed 5th Floor/ North East Area/ Bottom Side/ Sample of 12x12 Floor Tiles	Gray					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125324

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/27/2004
Date Analyzed:	05/27/2004
Batch #:	0403452

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125325

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/27/2004
Date Analyzed:	05/27/2004
Batch #:	0403460

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
323B6 05/26/2004 0403460-001	12x12 Floor Tiles Top Layer, Black, Homogeneous, Non-Friable 6th Floor/ Elevator Lobby Area/ Sample of 12x12 Floor Tiles Top Layer	Black	No		Non-Fibrous Material	100%
324B6 05/26/2004 0403460-002	12x12 Floor Tiles Top Layer, Red, Homogeneous, Non-Friable 6th Floor/ North of Elevator Lobby/ Sample of 12x12 Floor Tiles Top Layer	Red	No		Non-Fibrous Material	100%
325B6 05/26/2004 0403460-003	12x12 Floor Tiles Top Layer, Blue, Homogeneous, Non-Friable 6th Floor/ North Side/ Sample of 12x12 Floor Tiles Top Layer	Blue	No		Non-Fibrous Material	100%
326C6 05/26/2004 0403460-004	Floor Tile Mastic, Black, Homogeneous, Non-Friable 6th Floor/ Elevator Lobby Area/ Sample of 12x12 Floor Tiles Mastic	Black	No		Cellulose Fiber Non-Fibrous Material	3% 97%
327C6 05/26/2004 0403460-005	Floor Tile Mastic, Black, Homogeneous, Non-Friable 6th Floor/ North of Elevator Lobby/ Sample of 12x12 Floor Tiles Mastic	Black	No		Cellulose Fiber Non-Fibrous Material	1% 99%
328C6 05/26/2004 0403460-006	Floor Tile Mastic, Black, Homogeneous, Non-Friable 6th Floor/ North Side/ Sample of 12x12 Floor Tiles Mastic	Black	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125326

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403460

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
329D6 05/26/2004 0403460-007	9x9 Floor Tiles Second Layer, Green, Homogeneous, Non-Friable 6th Floor/ Elevator Lobby Area/ Sample of 9x9 Floor Tiles Second Layer	Green	Yes	Chrysotile	2.5%	Cellulose Fiber Non-Fibrous Material	Trace 96.5%
330D6 05/26/2004 0403460-008	9x9 Floor Tiles Second Layer, Green Note: Sample Not Analyzed 6th Floor/ North of Elevator Lobby/ Sample of 9x9 Floor Tiles Second Layer	Green					
331D6 05/26/2004 0403460-009	9x9 Floor Tiles Second Layer, Green Note: Sample Not Analyzed 6th Floor/ North Side/ Sample of 9x9 Floor Tiles Second Layer	Green					
332E6 05/26/2004 0403460-010	Mastic to 9x9 Floor Tiles Second Layer, Black, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ Elevator Lobby Area/ Sample of Mastic to 9x9 Floor Tiles Second Layer	Black	No			Fibrous Glass Cellulose Fiber Non-Fibrous Material	1% 2% 97%
333E6 05/26/2004 0403460-011	Mastic to 9x9 Floor Tiles Second Layer, Black, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ North of Elevator Lobby/ Sample of Mastic to 9x9 Floor Tiles Second Layer	Black	No			Fibrous Glass Cellulose Fiber Non-Fibrous Material	1% 3% 96%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125327

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403460

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
334E6 05/26/2004 0403460-012	Mastic to 9x9 Floor Tiles Second Layer, Black, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ North Side/ Sample of Mastic to 9x9 Floor Tiles Second Layer	Black	No			Fibrous Glass Cellulose Fiber Non-Fibrous Material	1% 3% 96%
335F6 05/26/2004 0403460-013	Exterior Window Caulking/ Old, Black, Homogeneous, Non-Friable 6th Floor/ East Elevation/ North/ Sample of Exterior Window Caulking/ Old	Black	Yes	Chrysotile	3.2%	Fibrous Glass Cellulose Fiber Non-Fibrous Material	1% 25.8% 70%
336F6 05/26/2004 0403460-014	Exterior Window Caulking/ Old, Black Note: Sample Not Analyzed 6th Floor/ East Elevation/ Center/ Sample of Exterior Window Caulking/ Old	Black					
337F6 05/26/2004 0403460-015	Exterior Window Caulking/ Old, Black Note: Sample Not Analyzed 6th Floor/ East Elevation/ South/ Sample of Exterior Window Caulking/ Old	Black					
338G6 05/26/2004 0403460-016	Exterior Window Putty/ Old, Gray, Non-homogeneous, Non-Friable 6th Floor/ East Elevation/ North/ Sample of Exterior Window Putty/ Old	Gray	Yes	Anthophyllite	4.9%	Wollastonite Non-Fibrous Material	2.1% 93%
339G6 05/26/2004 0403460-017	Exterior Window Putty/ Old, Gray Note: Sample Not Analyzed 6th Floor/ East Elevator/ Center/ Sample of Exterior Window Putty/ Old	Gray					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125328

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403460

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
340G6 05/26/2004 0403460-018	Exterior Window Putty/ Old, Gray Note: Sample Not Analyzed 6th Floor/ East Elevation/ South/ Sample of Exterior Window Putty/ Old	Gray				
341H6 05/26/2004 0403460-019	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ East Elevation/ North/ Sample of Interior Window Putty	Tan	No		Non-Fibrous Material	100%
342H6 05/26/2004 0403460-020	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ East Elevation/ Center/ Sample of Interior Window Putty	Tan	No		Non-Fibrous Material	100%
343H6 05/26/2004 0403460-021	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ East Elevation/ South/ Sample of Interior Window Putty	Tan	No		Non-Fibrous Material	100%
344I6 05/26/2004 0403460-022	Ceiling Tile Mastic, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ North Side Near Elevator/ Sample of Ceiling Tile Mastic	Dark Brown	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	1% 3% 96%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125329

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403460

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
345I6 05/26/2004 0403460-023	Ceiling Tile Mastic, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ North East Side Near Elevator/ Sample of Ceiling Tile Mastic	Dark Brown	No		Cellulose Fiber Non-Fibrous Material	3% 97%
346I6 05/26/2004 0403460-024	Ceiling Tile Mastic, Dark Brown, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ North West Side Near Elevator/ Sample of Ceiling Tile Mastic	Dark Brown	No		Cellulose Fiber Non-Fibrous Material	3% 97%
347J6 05/26/2004 0403460-025	Wall Mastic, Brown, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ West Wall/ North Side/ Sample of Wall Mastic	Brown	No		Non-Fibrous Material	100%
348J6 05/26/2004 0403460-026	Wall Mastic, Brown, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ West Wall/ Near Elevators/ Sample of Wall Mastic	Brown	No		Non-Fibrous Material	100%
349J6 05/26/2004 0403460-027	Wall Mastic, Brown, Homogeneous, Non-Friable Note: Recommend TEM 6th Floor/ Hallway to Stairwell 2/ Sample of Wall Mastic	Brown	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125330

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403460

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
350K6 05/26/2004 0403460-028	Interior Fan Unit Caulking, Brown, Homogeneous, Non-Friable 6th Floor/ West Wall/ Sample of Interior Fan Unit Caulking	Brown	No			Non-Fibrous Material	100%
351K6 05/26/2004 0403460-029	Interior Fan Unit Caulking, Gray, Homogeneous, Non-Friable 6th Floor/ East Wall/ North Fan/ Sample of Interior Fan Unit Caulking	Gray	Yes	Chrysotile	1.9%	Cellulose Fiber Non-Fibrous Material	3.1% 95%
352K6 05/26/2004 0403460-030	Interior Fan Unit Caulking, Gray Note: Sample Not Analyzed 6th Floor/ East Wall/ South Fan/ Sample of Interior Fan Unit Caulking	Gray					
353L6 05/26/2004 0403460-031	Wall Plaster White Coat, White, Homogeneous, Friable 6th Floor/ Elevator Bank/ North Wall/ West/ Sample of Wall Plaster White Coat	White	No			Non-Fibrous Material	100%
354L6 05/26/2004 0403460-032	Wall Plaster White Coat, White, Homogeneous, Friable 6th Floor/ Elevator Bank/ North Wall/ Center/ Sample of Wall Plaster White Coat	White	No			Non-Fibrous Material	100%
355L6 05/26/2004 0403460-033	Wall Plaster White Coat, White, Homogeneous, Friable 6th Floor/ Elevator Bank/ North Wall/ East/ Sample of Wall Plaster White Coat	White	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125331

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/27/2004
Batch #: 0403460

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
356M6 05/26/2004 0403460-034	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 6th Floor/ Elevator Bank/ North Wall/ West/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
357M6 05/26/2004 0403460-035	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 6th Floor/ Elevator Bank/ North Wall/ Center/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
358M6 05/26/2004 0403460-036	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 6th Floor/ Elevator Bank/ North Wall/ East/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125332

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/01/2004
Batch #: 0403483

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
359N6 05/27/2004	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM	Tan	No			
0403483-001	7th Floor/ East Side/ South Side/ Sample of Interior Window Putty				Non-Fibrous Material	100%
360N6 05/27/2004	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM	Tan	No		Cellulose Fiber	2%
0403483-002	7th Floor/ East Side/ Center Side/ Sample of Interior Window Putty				Non-Fibrous Material	98%
361N6 05/27/2004	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM	Tan	No			
0403483-003	7th Floor/ East Side/ North Side/ Sample of Interior Window Putty				Non-Fibrous Material	100%
362O6 05/27/2004	Exterior Window Putty, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	No		Cellulose Fiber Fibrous Glass	1% 1%
0403483-004	7th Floor/ East Side/ South Side/ Sample of Exterior Window Putty				Non-Fibrous Material	98%
363O6 05/27/2004	Exterior Window Putty, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	No		Cellulose Fiber Fibrous Glass	2% 1%
0403483-005	7th Floor/ East Side/ Center Side/ Sample of Exterior Window Putty				Non-Fibrous Material	97%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125333

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/01/2004
Batch #: 0403483

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
364O6 05/27/2004 0403483-006	Exterior Window Putty, Gray, Homogeneous, Non-Friable Note: Recommend TEM 7th Floor/ East Side/ North Side/ Sample of Exterior Window Putty	Gray	No			Cellulose Fiber Fibrous Glass Non-Fibrous Material	1% 1% 98%
365P6 05/27/2004 0403483-007	Exterior Window Caulking, Tan, Homogeneous, Non-Friable Note: Recommend TEM 7th Floor/ East Side/ South Side/ Sample of Exterior Window Caulking	Tan	No			Non-Fibrous Material	100%
366P6 05/27/2004 0403483-008	Exterior Window Caulking, Tan, Homogeneous, Non-Friable Note: Recommend TEM 7th Floor/ East Side/ Center Side/ Sample of Exterior Window Caulking	Tan	No			Non-Fibrous Material	100%
367P6 05/27/2004 0403483-009	Exterior Window Caulking, Tan, Homogeneous, Non-Friable Note: Recommend TEM 7th Floor/ East Side/ North Side/ Sample of Exterior Window Caulking	Tan	No			Non-Fibrous Material	100%
368Q6 05/27/2004 0403483-010	Wall Plaster White Coat, White, Homogeneous, Friable 7th Floor/ Elevator Wall/ East Side/ Sample of Wall Plaster White Coat	White	Yes	Chrysotile Anthophyllite	1.3% Trace	Wollastonite Non-Fibrous Material	6% 91.7%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125334

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/01/2004
Batch #: 0403483

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
369Q6 05/27/2004 0403483-011	Wall Plaster White Coat, White Note: Sample Not Analyzed 7th Floor/ Hallway to Stairwell 2/ Sample of Wall Plaster White Coat	White					
370Q6 05/27/2004 0403483-012	Wall Plaster White Coat, White/ Cream, Non-homogeneous, Friable 7th Floor/ West Wall/ North Side/ Sample of Wall Plaster White Coat	White/ Cream	Yes	Chrysotile Anthophyllite	Trace Trace	Wollastonite Non-Fibrous Material	1% 97%
371R6 05/27/2004 0403483-013	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 7th Floor/ Elevator Wall/ East Side/ Sample of Wall Plaster Brown Coat	Brown	No			Non-Fibrous Material	100%
372R6 05/27/2004 0403483-014	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 7th Floor/ Hallway to Stairwell 2/ Sample of Wall Plaster Brown Coat	Brown	Yes	Chrysotile	Trace	Non-Fibrous Material	99%
373R6 05/27/2004 0403483-015	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 7th Floor/ West Wall/ North Side/ Sample of Wall Plaster Brown Coat	Brown	Yes	Chrysotile	Trace	Non-Fibrous Material	99%
374S6 05/27/2004 0403483-016	Skim Coat Plaster on Columns, Cream, Homogeneous, Friable 7th Floor/ Column 3G/ Sample of Skim Coat Plaster on Columns	Cream	Yes	Chrysotile Anthophyllite	Trace Trace	Wollastonite Non-Fibrous Material	5% 93%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125335

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/01/2004
Batch #: 0403483

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
375S6 05/27/2004 0403483-017	Skim Coat Plaster on Columns, Cream, Homogeneous, Friable 7th Floor/ Column 3H/ Sample of Skim Coat Plaster on Columns	Cream	Yes	Chrysotile Anthophyllite	1.5% Trace	Wollastonite Cellulose Fiber Non-Fibrous Material	5.5% Trace 91%
376S6 05/27/2004 0403483-018	Skim Coat Plaster on Columns, White/ Gray, Friable 7th Floor/ North Wall at Column Line 4/ Sample of Skim Coat Plaster on Columns	White/ Gray	No			Non-Fibrous Material	100%
377S6 05/27/2004 0403483-019	Skim Coat Plaster on Columns, White/ Gray, Non-homogeneous, Friable 7th Floor/ East Wall/ Column G/ Sample of Skim Coat Plaster on Columns	White/ Gray	No			Non-Fibrous Material	100%
378S6 05/27/2004 0403483-020	Skim Coat Plaster on Columns, White/ Gray, Non-homogeneous, Friable 7th Floor/ East Wall/ Column E/ Sample of Skim Coat Plaster on Columns	White/ Gray	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125336

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/28/2004
Date Analyzed:	06/01/2004
Batch #:	0403483

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125337

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/01/2004
Batch #: 0403484

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
379T6 05/27/2004 0403484-001	Wall Joint Compound, White, Homogeneous, Friable 8th Floor/ South Wall. West Side/ Sample of Wall Joint Compound	White	No		Non-Fibrous Material	100%
380T6 05/27/2004 0403484-002	Wall Joint Compound, White, Homogeneous, Friable 8th Floor West Wall/ South Side/ Sample of Wall Joint Compound	White	No		Non-Fibrous Material	100%
381T6 05/27/2004 0403484-003	Wall Joint Compound, White, Homogeneous, Friable 8th Floor/ North Wall/ Sample of Wall Joint Compound	White	No		Non-Fibrous Material	100%
382U6 05/27/2004 0403484-004	Skim Coat/ Stucco, Cream, Homogeneous, Friable 8th Floor/ West Wall/ Sample of Skim Coat/ Stucco	Cream	No		Non-Fibrous Material	100%
383U6 05/27/2004 0403484-005	Skim Coat/ Stucco, Cream, Homogeneous, Friable 8th Floor/ North Wall/ Sample of Skim Coat/ Stucco	Cream	No		Non-Fibrous Material	100%
384U6 05/27/2004 0403484-006	Skim Coat/ Stucco, Cream, Homogeneous, Friable 8th Floor/ South Wall/ Sample of Skim Coat/ Stucco	Cream	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125338

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/01/2004
Batch #: 0403484

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
385V6 05/27/2004 0403484-007	Exterior Window Caulking/ Old, Gray/ Black, Non-homogeneous, Non-Friable Note: Recommend TEM 8th Floor/ East Elevation/ South Side/ Sample of Exterior Window Caulking/ Old	Gray/ Black	Yes	Anthophyllite	Trace	Fibrous Glass Non-Fibrous Material	2% 97%
386V6 05/27/2004 0403484-008	Exterior Window Caulking/ Old, Gray/ Black, Non-homogeneous, Non-Friable Note: Recommend TEM 8th Floor/ East Elevation/ Center Side/ Sample of Exterior Window Caulking/ Old	Gray/ Black	No			Fibrous Glass Non-Fibrous Material	6% 94%
387V6 05/27/2004 0403484-009	Exterior Window Caulking/ Old, Gray/ Black, Non-homogeneous, Non-Friable Note: Recommend TEM 8th Floor/ East Elevation/ North Side/ Sample of Exterior Window Caulking/ Old	Gray/ Black	Yes	Chrysotile	Trace	Fibrous Glass Cellulose Fiber Non-Fibrous Material	1% 1% 97%
388W6 05/27/2004 0403484-010	Exterior Window Putty, Gray/ Tan, Homogeneous, Friable 8th Floor/ East Elevation/ South Side/ Sample of Exterior Window Putty	Gray/ Tan	Yes	Chrysotile	3.5%	Non-Fibrous Material	96.5%
389W6 05/27/2004 0403484-011	Exterior Window Putty, Gray/ Tan Note: Sample Not Analyzed 8th Floor/ East Elevation/ Center Side/ Sample of Exterior Window Putty	Gray/ Tan					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125339

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/01/2004
Batch #: 0403484

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
390W6 05/27/2004 0403484-012	Exterior Window Putty, Gray/ Tan Note: Sample Not Analyzed 8th Floor/ East Elevation/ North Side/ Sample of Exterior Window Putty	Gray/ Tan				
391X6 05/27/2004 0403484-013	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 8th Floor/ East Elevation/ South Side/ Sample of Interior Window Putty	Tan	No		Non-Fibrous Material	100%
392X6 05/27/2004 0403484-014	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 8th Floor/ East Elevation/ Center Side/ Sample of Interior Window Putty	Tan	No		Non-Fibrous Material	100%
393X6 05/27/2004 0403484-015	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 8th Floor/ East Elevation/ North Side/ Sample of Interior Window Putty	Tan	No		Non-Fibrous Material	100%
394Y6 05/27/2004 0403484-016	2x2 Ceiling Tiles, Tan, Homogeneous, Friable 8th Floor/ South Bathroom/ South/ Sample of 2x2 Ceiling Tiles	Tan	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	30% 50% 20%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125340

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/01/2004
Batch #: 0403484

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
395Y6 05/27/2004 0403484-017	2x2 Ceiling Tiles, Tan, Homogeneous, Friable 8th Floor/ North Bathroom/ North/ Sample of 2x2 Ceiling Tiles	Tan	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	20% 60% 20%
396Y6 05/27/2004 0403484-018	2x2 Ceiling Tiles, Tan, Homogeneous, Friable 8th Floor/ North Bathroom/ South/ Sample of 2x2 Ceiling Tiles	Tan	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	20% 60% 20%
397Z6 05/27/2004 0403484-019	Pipe Wrapping, Multi-colored, Non-homogeneous, Friable 8th Floor/ North Bathroom/ East/ Sample of Pipe Wrapping	Multi-colored	No		Synthetic Fiber Hair	85% 15%
398Z6 05/27/2004 0403484-020	Pipe Wrapping, Multi-colored, Non-homogeneous, Friable 8th Floor/ North Bathroom/ Center/ Sample of Pipe Wrapping	Multi-colored	No		Synthetic Fiber Hair	85% 15%
399Z6 05/27/2004 0403484-021	Pipe Wrapping, Multi-colored, Non-homogeneous, Friable 8th Floor/ North Bathroom/ West/ Sample of Pipe Wrapping	Multi-colored	No		Synthetic Fiber Hair	85% 15%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125341

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/28/2004
Date Analyzed:	06/01/2004
Batch #:	0403484

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125342

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/02/2004
Batch #: 0403485

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
400A7 05/27/2004 0403485-001	Wall Skimcoat, Cream, Homogeneous, Friable 9th Floor/ South West Corner/ Sample of Wall Skimcoat	Cream	Yes	Chrysotile Anthophyllite	Trace Trace	Wollastonite Non-Fibrous Material	1% 97%
401A7 05/27/2004 0403485-002	Wall Skimcoat, White, Homogeneous, Friable 9th Floor/ South Wall/ East/ Sample of Wall Skimcoat	White	No			Non-Fibrous Material	100%
402A7 05/27/2004 0403485-003	Wall Skimcoat, White, Homogeneous, Friable 9th Floor/ North Side/ Sample of Wall Skimcoat	White	No			Non-Fibrous Material	100%
403B7 05/27/2004 0403485-004	Ceiling Skimcoat, Cream, Homogeneous, Friable 9th Floor/ South West Corner/ East/ Sample of Ceiling Skimcoat	Cream	Yes	Anthophyllite	Trace	Wollastonite Non-Fibrous Material	1% 98%
404B7 05/27/2004 0403485-005	Ceiling Skimcoat, Cream, Homogeneous, Friable 9th Floor/ South West Corner/ West/ Sample of Ceiling Skimcoat	Cream	Yes	Anthophyllite	Trace	Non-Fibrous Material	99%
405B7 05/27/2004 0403485-006	Ceiling Skimcoat, Cream, Homogeneous, Friable 9th Floor/ South West Corner/ North/ Sample of Ceiling Skimcoat	Cream	Yes	Anthophyllite Chrysotile	Trace Trace	Wollastonite Non-Fibrous Material	2% 96%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125343

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/02/2004
Batch #: 0403485

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
406C7 05/27/2004 0403485-007	Exterior Window Putty, Gray, Homogeneous, Non-Friable Note: Recommend TEM 9th Floor/ East Elevation/ South/ Sample of Exterior Window Putty	Gray	No			Fibrous Glass Cellulose Fiber Non-Fibrous Material	2% 2% 96%
407C7 05/27/2004 0403485-008	Exterior Window Putty, Cream, Homogeneous, Non-Friable Note: Recommend TEM 9th Floor/ East Elevation/ Center/ Sample of Exterior Window Putty	Cream	No			Non-Fibrous Material	100%
408C7 05/27/2004 0403485-009	Exterior Window Putty, Gray/ Multi-Colored, Non-homogeneous, Non-Friable Note: Recommend TEM 9th Floor/ West Elevation/ Near Elevators/ Sample of Exterior Window Putty	Gray/ Multi-Colored	Yes	Anthophyllite	Trace	Fibrous Glass Cellulose Fiber Non-Fibrous Material	2% 1% 96%
409D7 05/27/2004 0403485-010	Old Window Frame Caulking Behind Aluminum Windows, Gray, Homogeneous, Non-Friable Note: Recommend TEM 9th Floor/ North Elevation/ 3rd Window From East/ Sample of Old Window Frame Caulking Behind Aluminum Windows	Gray	No			Fibrous Glass Cellulose Fiber Non-Fibrous Material	1% 1% 98%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125344

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/02/2004
Batch #: 0403485

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
410D7 05/27/2004	Old Window Frame Caulking Behind Aluminum Windows, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	No			
0403485-011	9th Floor/ North Elevation/ 4th Window From East/ Top/ Sample of Old Window Frame Caulking Behind Aluminum Windows				Non-Fibrous Material	100%
411D7 05/27/2004	Old Window Frame Caulking Behind Aluminum Windows, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	No		Cellulose Fiber	Trace
0403485-012	9th Floor/ North Elevation/ 4th Window From East/ Bottom/ Sample of Old Window Frame Caulking Behind Aluminum Windows				Non-Fibrous Material	99%
412E7 05/27/2004	New Frame Caulking on Aluminum Windows/ Interior, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	No			
0403485-013	9th Floor/ North Elevation/ 3rd Window From East/ Sample of New Frame Caulking on Aluminum Windows/ Interior				Non-Fibrous Material	100%
413E7 05/27/2004	New Frame Caulking on Aluminum Windows/ Interior, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	No			
0403485-014	9th Floor/ North Elevation/ 4th Window From East/ Top/ Sample of New Frame Caulking on Aluminum Windows/ Interior				Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125345

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/02/2004
Batch #: 0403485

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
414E7 05/27/2004	New Frame Caulking on Aluminum Windows/ Interior, Gray, Homogeneous, Non-Friable Note: Recommend TEM	Gray	No				
0403485-015	9th Floor/ North Elevation/ 4th Window From East/ Bottom/ Sample of New Frame Caulking on Aluminum Windows/ Interior					Non-Fibrous Material	100%
415F7 05/27/2004	Mastic to 9x9 Floor Tiles/ Bottom Layer, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No			Cellulose Fiber	50%
0403485-016	9th Floor/ North Bathroom/ West Side/ Sample of Mastic to 9x9 Floor Tiles/ Bottom Layer					Non-Fibrous Material	50%
416F7 05/27/2004	Mastic to 9x9 Floor Tiles/ Bottom Layer, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	Yes	Chrysotile	Trace	Cellulose Fiber	45%
0403485-017	9th Floor/ North Bathroom/ North Side/ Sample of Mastic to 9x9 Floor Tiles/ Bottom Layer					Non-Fibrous Material	54%
417F7 05/27/2004	Mastic to 9x9 Floor Tiles/ Bottom Layer, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No			Cellulose Fiber	50%
0403485-018	9th Floor/ North Bathroom/ East Side/ Sample of Mastic to 9x9 Floor Tiles/ Bottom Layer					Non-Fibrous Material	50%
418G7 05/27/2004	9x9 Floor Tiles/ Middle Layer, White, Homogeneous, Non-Friable Note: Recommend TEM	White	No				
0403485-019	9th Floor/ North Bathroom/ West Side/ Sample of 9x9 Floor Tiles/ Middle Layer					Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125346

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/02/2004
Batch #: 0403485

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
419G7 05/27/2004	9x9 Floor Tiles/ Middle Layer, White, Homogeneous, Non-Friable Note: Recommend TEM	White	No			
0403485-020	9th Floor/ North Bathroom/ North Side/ Sample of 9x9 Floor Tiles/ Middle Layer				Non-Fibrous Material	100%
420G7 05/27/2004	9x9 Floor Tiles/ Middle Layer, White, Homogeneous, Non-Friable Note: Recommend TEM	White	No			
0403485-021	9th Floor/ North Bathroom/ East Side/ Sample of 9x9 Floor Tiles/ Middle Layer				Non-Fibrous Material	100%
421H7 05/27/2004	12x12 Peel and Stick Tiles/ Top Layer, White, Homogeneous, Non-Friable Note: Recommend TEM	White	No			
0403485-022	9th Floor/ North Bathroom/ West Side/ Sample of 12x12 Peel and Stick Tiles/ Top Layer				Non-Fibrous Material	100%
422H7 05/27/2004	12x12 Peel and Stick Tiles/ Top Layer, White, Homogeneous, Non-Friable Note: Recommend TEM	White	No			
0403485-023	9th Floor/ North Bathroom/ North Side/ Sample of 12x12 Peel and Stick Tiles/ Top Layer				Non-Fibrous Material	100%
423H7 05/27/2004	12x12 Peel and Stick Tiles/ Top Layer, White, Homogeneous, Non-Friable Note: Recommend TEM	White	No			
0403485-024	9th Floor/ North Bathroom/ East Side/ Sample of 12x12 Peel and Stick Tiles/ Top Layer				Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125347

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/03/2004
Batch #: 0403485

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
4241 7 05/27/2004 0403485-025	Exterior Brick Mortar, Brown, Homogeneous, Friable 9th Floor/ North Wall/ Sample of Exterior Brick Mortar	Brown	No		Non-Fibrous Material	100%
4251 7 05/27/2004 0403485-026	Exterior Brick Mortar, Brown, Homogeneous, Friable 9th Floor/ East Wall/ Sample of Exterior Brick Mortar	Brown	No		Non-Fibrous Material	100%
4261 7 05/27/2004 0403485-027	Exterior Brick Mortar, Brown, Homogeneous, Friable 9th Floor/ South Wall/ Sample of Exterior Brick Mortar	Brown	No		Non-Fibrous Material	100%

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125348

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 05/28/2004
Batch #: 0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
427J7 05/27/2004 0403465-001	Lintel Caulk, Black/ Gray, Non-homogeneous, Non-Friable 10th Floor/ South Terrace/ West Window/ Sample of Lintel Caulk	Black/ Gray	Yes	Anthophyllite Chrysotile	Trace 5.1%	Cellulose Fiber Non-Fibrous Material	20% 73.9%
428J7 05/27/2004 0403465-002	Lintel Caulk, Black/ Gray, Non-homogeneous Note: Sample Not Analyzed 11th Floor/ South West Terrace/ South Window/ Sample of Lintel Caulk	Black/ Gray					
429J7 05/27/2004 0403465-003	Lintel Caulk, Black/ Gray, Non-homogeneous Note: Sample Not Analyzed 12th Floor/ South West Terrace/ South Window/ Sample of Lintel Caulk	Black/ Gray					
430K7 05/27/2004 0403465-004	Cap Flashing Caulk, Black, Homogeneous, Non-Friable 10th Floor/ South Terrace/ South Side/ Sample of Cap Flashing Caulk	Black	Yes	Chrysotile	1.3%	Fibrous Glass Cellulose Fiber Non-Fibrous Material	1.7% 5% 92%
431K7 05/27/2004 0403465-005	Cap Flashing Caulk, Black Note: Sample Not Analyzed 11th Floor/ Southwest Terrace/ South Side/ Sample of Cap Flashing Caulk	Black					
432K7 05/27/2004 0403465-006	Cap Flashing Caulk, Black Note: Sample Not Analyzed 12th Floor/ South West Terrace/ East Side/ Sample of Cap Flashing Caulk	Black					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125349

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 05/28/2004
Batch #: 0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
433L7 05/27/2004 0403465-007	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 10th Floor/ East Elevation/ South Window/ Sample of Interior Window Putty	Tan	No			Non-Fibrous Material	100%
434L7 05/27/2004 0403465-008	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 10th Floor/ East Elevation/ Middle Window/ Sample of Interior Window Putty	Tan	No			Non-Fibrous Material	100%
435L7 05/27/2004 0403465-009	Interior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 10th Floor/ East Elevation/ North Window/ Sample of Interior Window Putty	Tan	No			Non-Fibrous Material	100%
436M7 05/27/2004 0403465-010	Exterior Window Caulking, Tan, Homogeneous, Non-Friable 10th Floor/ East Elevation/ South/ Sample of Exterior Window Caulking	Tan	Yes	Anthophyllite Chrysotile	5.1% Trace	Wollastonite Fibrous Glass Non-Fibrous Material	1.9% 1% 91%
437M7 05/27/2004 0403465-011	Exterior Window Caulking, Tan, Homogeneous Note: Sample Not Analyzed 10th Floor/ East Elevation/ Middle/ Sample of Exterior Window Caulking	Tan					

Gulam Machhwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125350

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 05/28/2004
Batch #: 0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
438M7 05/27/2004 0403465-012	Exterior Window Caulking, Tan, Homogeneous Note: Sample Not Analyzed 10th Floor/ East Elevation/ North/ Sample of Exterior Window Caulking	Tan					
439N7 05/27/2004 0403465-013	Exterior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 10th Floor/ East Elevation/ South/ Sample of Exterior Window Putty	Tan	No			Fibrous Glass Cellulose Fiber Non-Fibrous Material	10% 2% 88%
440N7 05/27/2004 0403465-014	Exterior Window Putty, Tan/ Gray, Homogeneous, Non-Friable 10th Floor/ East Elevation/ Middle/ Sample of Exterior Window Putty	Tan/ Gray	Yes	Anthophyllite	3.5%	Wollastonite Fibrous Glass Non-Fibrous Material	1.5% 1% 94%
441N7 05/27/2004 0403465-015	Exterior Window Putty, Tan/ Gray, Homogeneous Note: Sample Not Analyzed 10th Floor/ East Elevation/ North/ Sample of Exterior Window Putty	Tan/ Gray					
442O7 05/27/2004 0403465-016	Wall Plaster White Coat, White, Homogeneous, Friable 10th Floor/ Elevator Bank/ East Wall/ Sample of Wall Plaster White Coat	White	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125351

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 05/28/2004
Batch #: 0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
44307 05/27/2004 0403465-017	Wall Plaster White Coat, White, Homogeneous, Friable 10th Floor/ Elevator Bank/ South Wall/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
44407 05/27/2004 0403465-018	Wall Plaster White Coat, White, Homogeneous, Friable 10th Floor/ Column Near Elevators/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
44507 05/27/2004 0403465-019	Wall Plaster White Coat, White, Homogeneous, Friable 11th Floor/ Elevator Bank/ East Wall/ Sample of Wall Plaster White Coat	White	No		Cellulose Fiber Non-Fibrous Material	2% 98%
44607 05/27/2004 0403465-020	Wall Plaster White Coat, White, Homogeneous, Friable 11th Floor/ Elevator Bank/ South Wall/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
44707 05/27/2004 0403465-021	Wall Plaster White Coat, White, Homogeneous, Friable 11th Floor/ Column Near Elevators/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
44807 05/27/2004 0403465-022	Wall Plaster White Coat, White, Homogeneous, Friable 12th Floor/ Elevator Bank/ East Wall/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%

Gulam Machhwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125352

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 05/28/2004
Batch #: 0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
449O7 05/27/2004 0403465-023	Wall Plaster White Coat, White, Homogeneous, Friable 12th Floor/ Elevator Bank/ South Wall/ Sample of	White	No		Non-Fibrous Material	100%
450O7 05/27/2004 0403465-024	Wall Plaster White Coat, White, Homogeneous, Friable 12th Floor/ Column Near Elevators/ Sample of Wall Plaster White Coat	White	No		Non-Fibrous Material	100%
451P7 05/27/2004 0403465-025	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 10th Floor/ Elevator Bank/ East Wall/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
452P7 05/27/2004 0403465-026	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 10th Floor/ Elevator Bank/ South Wall/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
453P7 05/27/2004 0403465-027	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 10th Floor/ Column Near Elevators/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
454P7 05/27/2004 0403465-028	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 11th Floor/ Elevator Bank/ East Wall/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%

Gulam Machanwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125353

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 05/28/2004
Batch #: 0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
455P7 05/27/2004 0403465-029	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 11th Floor/ Elevator Bank/ South Wall/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
456P7 05/27/2004 0403465-030	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 11th Floor/ Column Near Elevators/ Sample of Wall Plaster Brown Coat	Brown	No		Cellulose Fiber Non-Fibrous Material	Trace 99%
457P7 05/27/2004 0403465-031	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 12th Floor/ Elevator Bank/ East Wall/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
458P7 05/27/2004 0403465-032	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 12th Floor/ Elevator Bank/ South Wall/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
459P7 05/27/2004 0403465-033	Wall Plaster Brown Coat, Brown, Homogeneous, Friable 12th Floor/ Column Near Elevators/ Sample of Wall Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%
460Q7 05/27/2004 0403465-034	Roof Membrane, Black, Homogeneous, Non-Friable Note: Recommend TEM 10th Floor/ South Terrace/ Sample of Roof Membrane	Black	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	30% 4% 66%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125354

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 05/28/2004
Batch #: 0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
461Q7 05/27/2004 0403465-035	Roof Membrane, Black, Homogeneous, Non-Friable 11th Floor/ South West Terrace/ Sample of Roof Membrane	Black	Yes	Chrysotile	Trace	Cellulose Fiber Fibrous Glass Non-Fibrous Material	35% 5% 59%
462Q7 05/27/2004 0403465-036	Roof Membrane, Black, Homogeneous, Non-Friable Note: Recommend TEM 12th Floor/ South West Terrace/ Sample of Roof Membrane	Black	No			Cellulose Fiber Non-Fibrous Material	45% 55%
463R7 05/27/2004 0403465-037	Roofing Fill, Brown, Homogeneous, Friable 10th Floor/ South Terrace/ Sample of Roofing Fill	Brown	No			Non-Fibrous Material	100%
464R7 05/27/2004 0403465-038	Roofing Fill, Brown, Homogeneous, Friable 11th Floor/ South West Terrace/ Sample of Roofing Fill	Brown	No			Non-Fibrous Material	100%
465R7 05/27/2004 0403465-039	Roofing Fill, Brown, Homogeneous, Friable 12th Floor/ South West Terrace/ Sample of Roofing Fill	Brown	No			Non-Fibrous Material	100%
466S7 05/27/2004 0403465-040	Screed Coat, Tan, Homogeneous, Friable 10th Floor/ South Terrace/ Sample of Screed Coat	Tan	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125355

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 05/28/2004
Batch #: 0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
467S7 05/27/2004 0403465-041	Screed Coat, Tan, Homogeneous, Friable 11th Floor/ South West Terrace/ Sample of Screed Coat	Tan	No			Non-Fibrous Material	100%
468S7 05/27/2004 0403465-042	Screed Coat, Tan, Homogeneous, Friable 12th Floor/ South West Terrace/ Sample of Screed Coat	Tan	No			Non-Fibrous Material	100%
469T7 05/27/2004 0403465-043	Flashing Tar, Black, Homogeneous, Non-Friable 10th Floor/ South Terrace/ Sample of Flashing Tar	Black	Yes	Chrysotile	5.6%	Cellulose Fiber Non-Fibrous Material	15.4% 79%
470T7 05/27/2004 0403465-044	Flashing Tar, Black Note: Sample Not Analyzed 11th Floor/ South West Terrace/ Sample of Flashing Tar	Black					
471T7 05/27/2004 0403465-045	Flashing Tar, Black Note: Sample Not Analyzed 12th Floor/ South West Terrace/ Sample of Flashing Tar	Black					
472U7 05/27/2004 0403465-046	Exterior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM 11th Floor/ East Wall/ South/ Sample of Exterior Window Putty	Tan	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125356

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/28/2004
Date Analyzed:	05/28/2004
Batch #:	0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
473U7 05/27/2004 0403465-047	Exterior Window Putty, Tan, Homogeneous, Non-Friable 11th Floor/ East Wall/ Center/ Sample of Exterior Window Putty	Tan	Yes	Anthophyllite	4.7%	Wollastonite Non-Fibrous Material	2.3% 93%
474U7 05/27/2004 0403465-048	Exterior Window Putty, Tan Note: Sample Not Analyzed 11th Floor/ East Wall/ North/ Sample of Exterior Window Putty	Tan					
475V7 05/27/2004 0403465-049	Exterior Window Caulking, Black, Homogeneous, Non-Friable 11th Floor/ East Wall/ South/ Sample of Exterior Window Caulking	Black	Yes	Chrysotile	1.3%	Cellulose Fiber Non-Fibrous Material	20.7% 78%
476V7 05/27/2004 0403465-050	Exterior Window Caulking, Black Note: Sample Not Analyzed 1th Floor/ East Wall/ Center/ Sample of Exterior Window Caulking	Black					
477V7 05/27/2004 0403465-051	Exterior Window Caulking, Black Note: Sample Not Analyzed 1th Floor/ East Wall/ North/ Sample of Exterior Window Caulking	Black					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125357

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/28/2004
Date Analyzed:	05/28/2004
Batch #:	0403465

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125358

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/28/2004
Batch #: 0403464

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
478W7 05/27/2004 0403464-001	Packed Cardboard Pipe Insulation, Dark Brown, Homogeneous, Friable 12th Floor/ Near Elevator Lobby/ on 3 Inch O.D. Pipe/ Sample of Packed Cardboard Pipe Insulation	Dark Brown	No		Cellulose Fiber	100%
479W7 05/27/2004 0403464-002	Packed Cardboard Pipe Insulation, Gray/ White, Homogeneous, Friable 12th Floor/ Near Elevator Lobby/ on 2 Inch O.D. Pipe/ Sample of Packed Cardboard Pipe Insulation	Gray/ White	No		Cellulose Fiber	100%
480W7 05/27/2004 0403464-003	Packed Cardboard Pipe Insulation, Dark Gray/ White, Homogeneous, Friable 12th Floor/ Near Elevator Lobby/ on 3 Inch O.D. Pipe/ North Side/ Sample of Packed Cardboard Pipe Insulation	Dark Gray/ White	No		Cellulose Fiber	100%
481X7 05/27/2004 0403464-004	Inner Lining to Packed Cardboard Pipe Insulation, Dark Brown, Homogeneous, Friable 12th Floor/ Near Elevator Lobby/ on 3 Inch O.D. Pipe/ Sample of Inner Lining to Packed Cardboard Pipe Insulation	Dark Brown	No		Cellulose Fiber	100%
482X7 05/27/2004 0403464-005	Inner Lining to Packed Cardboard Pipe Insulation, Black, Homogeneous, Friable 12th Floor/ Near Elevator Lobby/ on 2 Inch O.D. Pipe/ Sample of Inner Lining to Packed Cardboard Pipe Insulation	Black	No		Cellulose Fiber	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125359

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/28/2004
Batch #: 0403464

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
483X7 05/27/2004 0403464-006	Inner Lining to Packed Cardboard Pipe Insulation, Black, Homogeneous, Friable 12th Floor/ Near Elevator Lobby/ on 3 Inch O.D. Pipe/ North Side/ Sample of Inner Lining to Packed Cardboard Pipe Insulation	Black	No			Cellulose Fiber	100%
484Y7 05/27/2004 0403464-007	Corrugated Pipe Insulation on 2 Inch O.D. Pipe, Tan, Homogeneous, Friable 12th Floor/ North Side of Elevators/ West/ Sample of Corrugated Pipe Insulation on 2 Inch O.D. Pipe	Tan	Yes	Chrysotile	44.4%	Cellulose Fiber	55.6%
485Y7 05/27/2004 0403464-008	Corrugated Pipe Insulation on 2 Inch O.D. Pipe, Tan Note: Sample Not Analyzed 12th Floor/ North Side of Elevators/ Center/ Sample of Corrugated Pipe Insulation on 2 Inch O.D. Pipe	Tan					
486Y7 05/27/2004 0403464-009	Corrugated Pipe Insulation on 2 Inch O.D. Pipe, Tan Note: Sample Not Analyzed 12th Floor/ North Side of Elevators/ East/ Sample of Corrugated Pipe Insulation on 2 Inch O.D. Pipe	Tan					
487Z7 05/27/2004 0403464-010	Sheetrock, White, Homogeneous, Friable 12th Floor/ South Wall/ West/ Sample of Sheetrock	White	No			Fibrous Glass Cellulose Fiber Non-Fibrous Material	40% 10% 50%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125360

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 05/28/2004
Batch #: 0403464

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
488Z7 05/27/2004 0403464-011	Sheetrock, White, Homogeneous, Friable 12th Floor/ South Wall/ Center/ Sample of Sheetrock	White	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	45% 5% 50%
489Z7 05/27/2004 0403464-012	Sheetrock, White, Homogeneous, Friable 12th Floor/ South Wall/ East/ Sample of Sheetrock	White	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	40% 10% 50%

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125361

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
490A8 05/28/2004 0403491-001	Roof Membrane Top Layer, Black, Non-homogeneous, Non-Friable Note: Recommend TEM Roof/ Main Roof/ South Side/ Sample of Roof Membrane/ Top Layer	Black	Yes	Chrysotile	Trace	Cellulose Fiber Non-Fibrous Material	40% 59%
491A8 05/28/2004 0403491-002	Roof Membrane Top Layer, Black, Non-homogeneous, Friable Roof/ Main Roof/ South East Side/ Sample of Roof Membrane/ Top Layer	Black	Yes	Chrysotile	2.9%	Cellulose Fiber Non-Fibrous Material	40.1% 57%
492A8 05/28/2004 0403491-003	Roof Membrane Top Layer, Black, Non-homogeneous Note: Sample Not Analyzed Roof/ Main Roof/ East Side/ Sample of Roof Membrane/ Top Layer	Black					
493A8 05/28/2004 0403491-004	Roof Membrane Top Layer, Black, Non-homogeneous Note: Sample Not Analyzed Roof/ Main Roof/ North Side/ Sample of Roof Membrane/ Top Layer	Black					
494B8 05/28/2004 0403491-005	Roof Screed Coat, Tan, Homogeneous, Friable Roof/ Main Roof/ South Side/ Sample of Roof Screed Coat	Tan	No			Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125362

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
495B8 05/28/2004 0403491-006	Roof Screed Coat, Tan, Homogeneous, Friable Roof/ Main Roof/ South East Side/ Sample of Roof Screed Coat	Tan	No			Non-Fibrous Material	100%
496B8 05/28/2004 0403491-007	Roof Screed Coat, Tan, Homogeneous, Friable Roof/ Main Roof/ East Side/ Sample of Roof Screed Coat	Tan	No			Non-Fibrous Material	100%
497B8 05/28/2004 0403491-008	Roof Screed Coat, Tan, Homogeneous, Friable Roof/ Main Roof/ North Side/ Sample of Roof Screed Coat	Tan	No			Non-Fibrous Material	100%
498C8 05/28/2004 0403491-009	Perimeter Flashing Tar, Black, Homogeneous, Non-Friable Roof/ Main Roof/ South Parapet/ Sample of Perimeter Flashing Tar	Black	Yes	Chrysotile	4.2%	Cellulose Fiber Non-Fibrous Material	15.8% 80%
499C8 05/28/2004 0403491-010	Perimeter Flashing Tar, Black, Homogeneous Note: Sample Not Analyzed Roof/ Main Roof/ East Parapet/ Sample of Perimeter Flashing Tar	Black					
500C8 05/28/2004 0403491-011	Perimeter Flashing Tar, Black, Homogeneous Note: Sample Not Analyzed Roof/ Main Roof/ North Side/ Sample of Perimeter Flashing Tar	Black					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125363

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
501D8 05/28/2004 0403491-012	Parapet Wall Stucco, Tan, Homogeneous, Friable Roof/ Main Roof/ South Parapet/ Sample of Parapet Wall Stucco	Tan	No			Non-Fibrous Material	100%
502D8 05/28/2004 0403491-013	Parapet Wall Stucco, Tan, Homogeneous, Friable Roof/ Main Roof/ East Parapet/ Sample of Parapet Wall Stucco	Tan	No			Non-Fibrous Material	100%
503D8 05/28/2004 0403491-014	Parapet Wall Stucco, Tan, Homogeneous, Friable Roof/ Main Roof/ North Parapet/ Sample of Parapet Wall Stucco	Tan	No			Non-Fibrous Material	100%
504E8 05/28/2004 0403491-015	Bulkhead Exterior Door Caulking, Tan, Homogeneous, Non-Friable Roof/ Main Roof/ Elevator Machine Room/ Door/ Sample of Bulkhead Exterior Door Caulking	Tan	Yes	Chrysotile	3.4%	Fibrous Glass Non-Fibrous Material	Trace 95.6%
505E8 05/28/2004 0403491-016	Bulkhead Exterior Door Caulking, Tan, Homogeneous Note: Sample Not Analyzed Roof/ Main Roof/ Water Tower Bulkhead/ South Door/ Sample of Bulkhead Exterior Door Caulking	Tan					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125364

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
506E8 05/28/2004 0403491-017	Bulkhead Exterior Door Caulking, Tan, Homogeneous Note: Sample Not Analyzed Roof/ Main Roof/ Water Tower Bulkhead/ Sample of Bulkhead Exterior Door Caulking	Tan					
507F8 05/28/2004 0403491-018	Bulkhead Flashing Tar, Black, Homogeneous, Non-Friable Roof/ Main Roof/ Stair Tower Bulkhead/ South/ Sample of Bulkhead Flashing Tar	Black	Yes	Chrysotile	3.4%	Cellulose Fiber Non-Fibrous Material	5.6% 91%
508F8 05/28/2004 0403491-019	Bulkhead Flashing Tar, Black, Homogeneous Note: Sample Not Analyzed Roof/ Main Roof/ Elevator Machine Room Bulkhead/ Sample of Bulkhead Flashing Tar	Black					
509F8 05/28/2004 0403491-020	Bulkhead Flashing Tar, Black, Homogeneous Note: Sample Not Analyzed Roof/ Main Roof/ Elevator Machine Room Bulkhead/ South Side/ West Side/ Sample of Bulkhead Flashing Tar	Black					
510G8 05/28/2004 0403491-021	Exterior Window Caulking, Tan/ Gray, Non-homogeneous, Non-Friable Roof/ Water Tower Bulkhead/ East Side/ Sample of Exterior Window Caulking	Tan/ Gray	Yes	Chrysotile	3.5%	Non-Fibrous Material	96.5%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125365

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
511G8 05/28/2004 0403491-022	Exterior Window Caulking, Tan/ Gray Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ South Side/ Sample of Exterior Window Caulking	Tan/ Gray				
512G8 05/28/2004 0403491-023	Exterior Window Caulking, Tan/ Gray Note: Sample Not Analyzed Roof/ Stairwell 1 Bulkhead/ West Side/ Sample of Exterior Window Caulking	Tan/ Gray				
513H8 05/28/2004 0403491-024	Tar Paper Over Ply Wood at Main Roof, Black, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Main Roof/ North Side/ East/ Sample of Tar Paper Over Ply Wood at Main Roof	Black	No		Cellulose Fiber Non-Fibrous Material	30% 70%
514H8 05/28/2004 0403491-025	Tar Paper Over Ply Wood at Main Roof, Black, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Main Roof/ North Side/ West/ Sample of Tar Paper Over Ply Wood at Main Roof	Black	No		Cellulose Fiber Non-Fibrous Material	35% 65%
515H8 05/28/2004 0403491-026	Tar Paper Over Ply Wood at Main Roof, Black, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Main Roof/ North Side/ Center/ Sample of Tar Paper Over Ply Wood at Main Roof	Black	No		Cellulose Fiber Non-Fibrous Material	30% 70%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125366

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
516I8 05/28/2004 0403491-027	Bulkhead Tar, Black, Homogeneous, Non-Friable Roof/ Stairwell Bulkhead/ South Side/ Sample of Bulkhead Tar	Black	Yes	Chrysotile	4.4%	Cellulose Fiber Non-Fibrous Material	35.6% 60%
517I8 05/28/2004 0403491-028	Bulkhead Tar, Black, Homogeneous Note: Sample Not Analyzed Roof/ Mechanical Bulkhead/ South/ Sample of Bulkhead Tar	Black					
518I8 05/28/2004 0403491-029	Bulkhead Tar, Black, Homogeneous Note: Sample Not Analyzed Roof/ Mechanical Bulkhead/ West/ Sample of Bulkhead Tar	Black					
519J8 05/28/2004 0403491-030	Duct Vibration Reducer Cloth, Brown/ Black, Non-homogeneous, Friable Roof/ Fan Room Bulkhead/ Top Fan/ Sample of Duct Vibration Reducer Cloth	Brown/ Black	No			Cellulose Fiber Non-Fibrous Material	85% 15%
520J8 05/28/2004 0403491-031	Duct Vibration Reducer Cloth, Brown/ Black, Non-homogeneous, Friable Roof/ Fan Room Bulkhead/ Bottom of Fan/ Sample of Duct Vibration Reducer Cloth	Brown/ Black	No			Cellulose Fiber Non-Fibrous Material	85% 15%
521J8 05/28/2004 0403491-032	Duct Vibration Reducer Cloth, Brown/ Black, Non-homogeneous, Friable Roof/ Fan Room Bulkhead/ Left Side of Fan/ Sample of Duct Vibration Reducer Cloth	Brown/ Black	No			Cellulose Fiber Non-Fibrous Material	85% 15%

Gulam Machanwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125367

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
522K8 05/28/2004 0403491-033	Exterior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Water Tower Bulkhead/ South/ Sample of Exterior Window Putty	Tan	No		Fibrous Glass Cellulose Fiber Non-Fibrous Material	3% 2% 95%
523K8 05/28/2004 0403491-034	Exterior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Fan Room/ West Side/ Sample of Exterior Window Putty	Tan	No		Non-Fibrous Material	100%
524K8 05/28/2004 0403491-035	Exterior Window Putty, Tan, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Water Tower/ East Side/ Sample of Exterior Window Putty	Tan	No		Non-Fibrous Material	100%
525L8 05/28/2004 0403491-036	Stucco Exterior, Tan, Homogeneous, Friable Roof/ Fan Room Bulkhead/ North West/ Sample of Stucco Exterior	Tan	No		Non-Fibrous Material	100%
526L8 05/28/2004 0403491-037	Stucco Exterior, Tan, Homogeneous, Friable Roof/ Water Tower/ East Side/ Sample of Stucco Exterior	Tan	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125368

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
527L8 05/28/2004 0403491-038	Stucco Exterior, Tan, Homogeneous, Friable Roof/ Water Tower/ West Side/ Sample of Stucco Exterior	Tan	No			Non-Fibrous Material	100%
528M8 05/28/2004 0403491-039	Window Putty Interior, Tan, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Fan Room/ South/ Sample of Window Putty Interior	Tan	No			Non-Fibrous Material	100%
529M8 05/28/2004 0403491-040	Window Putty Interior, Tan, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Stair Bulkhead/ West Side/ Sample of Window Putty Interior	Tan	No			Non-Fibrous Material	100%
530M8 05/28/2004 0403491-041	Window Putty Interior, Tan, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Water Tower/ East Side/ Sample of Window Putty Interior	Tan	No			Non-Fibrous Material	100%
531N8 05/28/2004 0403491-042	Roofing Membrane, Black, Homogeneous, Non-Friable Roof/ Water Tower Bulkhead/ South Side/ Sample of Roofing Membrane	Black	Yes	Chrysotile	3.3%	Cellulose Fiber Non-Fibrous Material	30.7% 66%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125369

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
532N8 05/28/2004 0403491-043	Roofing Membrane, Black Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ Under South Tower/ Sample of Roofing Membrane	Black					
533N8 05/28/2004 0403491-044	Roofing Membrane, Black Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ Under North Water Tower/ Sample of Roofing Membrane	Black					
534O8 05/28/2004 0403491-045	Screed Coat, Tan, Homogeneous, Friable Roof/ Water Tower Bulkhead/ South Side/ Sample of Screed Coat	Tan	No			Non-Fibrous Material	100%
535O8 05/28/2004 0403491-046	Screed Coat, Tan, Homogeneous, Friable Roof/ Water Tower Bulkhead/ Under South Tower/ Sample of Screed Coat	Tan	No			Non-Fibrous Material	100%
536O8 05/28/2004 0403491-047	Screed Coat, Tan, Homogeneous, Friable Roof/ Water Tower Bulkhead/ Under North Water Tower/ Sample of Screed Coat	Tan	No			Non-Fibrous Material	100%
537P8 05/28/2004 0403491-048	Perimeter Flashing, Black, Homogeneous, Non-Friable Roof/ Water Tower Bulkhead/ South Side of Water Tower Bulkhead/ Sample of Perimeter Flashing	Black	Yes	Chrysotile	3.5%	Cellulose Fiber Non-Fibrous Material	30.5% 66%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125370

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
538P8 05/28/2004 0403491-049	Perimeter Flashing, Black, Homogeneous Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ East Side of Water Tower Bulkhead/ Sample of Perimeter Flashing	Black					
539P8 05/28/2004 0403491-050	Perimeter Flashing, Black, Homogeneous Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ West Side of Water Tower Bulkhead/ Sample of Perimeter Flashing	Black					
540Q8 05/28/2004 0403491-051	Pitch Pocket Tar, Black, Homogeneous, Non-Friable Roof/ Water Tower Bulkhead/ Under North Water Tower/ Sample of Pitch Pocket Tar	Black	Yes	Chrysotile	5.3%	Cellulose Fiber Non-Fibrous Material	30.7% 64%
541Q8 05/28/2004 0403491-052	Pitch Pocket Tar, Black, Homogeneous Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ Under South Water Tower/ Sample of Pitch Pocket Tar	Black					
542Q8 05/28/2004 0403491-053	Pitch Pocket Tar, Black, Homogeneous Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ Ladder of South Tower/ Sample of Pitch Pocket Tar	Black					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125371

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
543R8 05/28/2004	Roof Shingle, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No		Cellulose Fiber	50%
0403491-054	Roof/ South Water Tower/ West/ Sample of Roof Shingle				Non-Fibrous Material	50%
544R8 05/28/2004	Roof Shingle, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No		Cellulose Fiber	50%
0403491-055	Roof/ South Water Tower/ East/ Sample of Roof Shingle				Non-Fibrous Material	50%
545R8 05/28/2004	Roof Shingle, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No		Cellulose Fiber	30%
0403491-056	Roof/ South Water Tower/ North/ Sample of Roof Shingle				Non-Fibrous Material	70%
546S8 05/28/2004	Roof Membrane, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No		Cellulose Fiber	30%
0403491-057	Roof/ Elevator Mechanical Room/ South Side/ Sample of Roof Membrane				Non-Fibrous Material	70%
547S8 05/28/2004	Roof Membrane, Black, Homogeneous, Non-Friable Note: Recommend TEM	Black	No		Cellulose Fiber	30%
0403491-058	Roof/ Elevator Mechanical Room/ Center/ Sample of Roof Membrane				Non-Fibrous Material	70%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125372

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
548S8 05/28/2004 0403491-059	Roof Membrane, Black, Homogeneous, Non-Friable Note: Recommend TEM Roof/ Elevator Mechanical Room/ North Side/ Sample of Roof Membrane	Black	No			Cellulose Fiber Non-Fibrous Material	25% 75%
549T8 05/28/2004 0403491-060	Screed Coat, Tan, Homogeneous, Friable Roof/ Elevator Mechanical Room/ South/ Sample of Screed Coat	Tan	No			Non-Fibrous Material	100%
550T8 05/28/2004 0403491-061	Screed Coat, Tan, Homogeneous, Friable Roof/ Elevator Mechanical Room/ Center/ Sample of Screed Coat	Tan	No			Non-Fibrous Material	100%
551T8 05/28/2004 0403491-062	Screed Coat, Tan, Homogeneous, Friable Roof/ Elevator Mechanical Room/ North/ Sample of Screed Coat	Tan	No			Non-Fibrous Material	100%
552U8 05/28/2004 0403491-063	Perimeter Flashing, Black, Homogeneous, Non-Friable Roof/ Elevator Mechanical Room/ South/ Sample of Perimeter Flashing	Black	Yes	Chrysotile	3.4%	Cellulose Fiber Non-Fibrous Material	25.6% 71%
553U8 05/28/2004 0403491-064	Perimeter Flashing, Black, Homogeneous Note: Sample Not Analyzed Roof/ Elevator Mechanical Room/ Center/ Sample of Perimeter Flashing	Black					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125373

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
554U8 05/28/2004 0403491-065	Perimeter Flashing, Black, Homogeneous Note: Sample Not Analyzed Roof/ Elevator Mechanical Room/ North/ Sample of Perimeter Flashing	Black				
555V8 05/28/2004 0403491-066	Ceiling Skimcoat, Tan, Homogeneous, Friable Roof/ Fan Room Bulkhead/ Ceiling/ West/ Sample of Ceiling Skimcoat	Tan	No		Non-Fibrous Material	100%
556V8 05/28/2004 0403491-067	Ceiling Skimcoat, Tan, Homogeneous, Friable Roof/ Fan Room Bulkhead/ Ceiling/ East/ Sample of Ceiling Skimcoat	Tan	No		Non-Fibrous Material	100%
557V8 05/28/2004 0403491-068	Ceiling Skimcoat, Tan, Homogeneous, Friable Roof/ Fan Room Bulkhead/ Ceiling/ East/ Sample of Ceiling Skimcoat	Tan	No		Non-Fibrous Material	100%
558W8 05/28/2004 0403491-069	Packed Cardboard Pipe Insulation, Tan, Non-homogeneous, Friable Roof/ Water Tower Bulkhead/ 1st Floor Tank Room/ South Riser/ Top/ Sample of Packed Cardboard Pipe Insulation	Tan	No		Synthetic Fiber Hair	80% 20%
559W8 05/28/2004 0403491-070	Packed Cardboard Pipe Insulation, Tan, Non-homogeneous, Friable Roof/ Water Tower Bulkhead/ 1st Floor Tank Room/ South Riser/ Bottom/ Sample of Packed Cardboard Pipe Insulation	Tan	No		Synthetic Fiber Hair	80% 20%

Gulam Machhwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125374

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
560W8 05/28/2004 0403491-071	Packed Cardboard Pipe Insulation, Tan, Non-homogeneous, Friable Roof/ Water Tower Bulkhead/ North Riser/ Sample of Packed Cardboard Pipe Insulation	Tan	No		Synthetic Fiber Hair	80% 20%
561X8 05/28/2004 0403491-072	Inner Lining to Packed Cardboard, Dark Brown, Homogeneous, Friable Roof/ Water Tower Bulkhead/ South Riser/ Top/ Sample of Inner Lining Packed Cardboard	Dark Brown	No		Cellulose Fiber Non-Fibrous Material	80% 20%
562X8 05/28/2004 0403491-073	Inner Lining to Packed Cardboard, Dark Brown, Homogeneous, Friable Roof/ Water Tower Bulkhead/ South Riser/ Bottom/ Sample of Inner Lining Packed Cardboard	Dark Brown	No		Cellulose Fiber Non-Fibrous Material	80% 20%
563X8 05/28/2004 0403491-074	Inner Lining to Packed Cardboard, Dark Brown, Homogeneous, Friable Roof/ Water Tower Bulkhead/ North Riser/ Sample of Inner Lining Packed Cardboard	Dark Brown	No		Cellulose Fiber Non-Fibrous Material	80% 20%
564Y8 05/28/2004 0403491-075	Ceiling Tile Debris, White, Homogeneous, Friable Roof/ Water Tower Bulkhead/ Near Door/ Top/ Sample of Ceiling Tile Debris	White	No		Fibrous Glass Non-Fibrous Material	80% 20%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125375

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
565Y8 05/28/2004 0403491-076	Ceiling Tile Debris, White, Homogeneous, Friable Roof/ Water Tower Bulkhead/ Near Door/ Bottom Side/ Sample of Ceiling Tile Debris	White	No			Fibrous Glass Non-Fibrous Material	85% 15%
566Y8 05/28/2004 0403491-077	Ceiling Tile Debris, White, Homogeneous, Friable Roof/ Water Tower Bulkhead/ Near Door/ Right Side/ Sample of Ceiling Tile Debris	White	No			Fibrous Glass Non-Fibrous Material	85% 15%
567Z8 05/28/2004 0403491-078	Corrugated Pipe Insulation to 2 Inch O.D. Pipe, Tan, Friable Roof/ Water Tower Bulkhead/ Near Door/ North Side/ Sample of Corrugated Pipe Insulation to 2 Inch O.D. Pipe	Tan	Yes	Chrysotile	28.6%	Cellulose Fiber Non-Fibrous Material	66% 5.4%
568Z8 05/28/2004 0403491-079	Corrugated Pipe Insulation to 2 Inch O.D. Pipe, Tan Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ Center of Fallen Pipe/ Sample of Corrugated Pipe Insulation to 2 Inch O.D. Pipe	Tan					
569Z8 05/28/2004 0403491-080	Corrugated Pipe Insulation to 2 Inch O.D. Pipe, Tan Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ South Side/ Sample of Corrugated Pipe Insulation to 2 Inch O.D. Pipe	Tan					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125376

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/02/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
570A9 05/28/2004 0403491-081	Pipe Fittings Insulation to 2 Inch O.D. Pipe, Gray, Homogeneous, Friable Roof/ Water Tower Bulkhead/ North Side/ Sample of Pipe Fittings Insulation to 2 Inch O.D. Pipe	Gray	Yes	Chrysotile	40%	Cellulose Fiber Non-Fibrous Material	10% 50%
571A9 05/28/2004 0403491-082	Pipe Fittings Insulation to 2 Inch O.D. Pipe, Gray, Homogeneous Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ Center of Fallen Pipe/ Sample of Pipe Fittings Insulation to 2 Inch O.D. Pipe	Gray					
572A9 05/28/2004 0403491-083	Pipe Fittings Insulation to 2 Inch O.D. Pipe, Gray, Homogeneous Note: Sample Not Analyzed Roof/ Water Tower Bulkhead/ South Pipe/ Sample of Pipe Fittings Insulation to 2 Inch O.D. Pipe	Gray					

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125377

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	06/01/2004
Date Analyzed:	06/02/2004
Batch #:	0403491

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Mashinwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125378

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/04/2004
Date Analyzed: 06/07/2004
Batch #: 0403533

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
573B9 06/03/2004 0403533-001	Exterior Door Frame Caulking, Black, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Loading Dock Rolling Door/ East/ Sample of Exterior Door Frame Caulking	Black	No		Non-Fibrous Material	100%
574B9 06/03/2004 0403533-002	Exterior Door Frame Caulking, Gray, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Loading Dock Rolling Door/ Between East and West Door/ On East Door/ Sample of Exterior Door Frame Caulking	Gray	No		Cellulose Fiber Fibrous Glass Non-Fibrous Material	2% 5% 93%
575B9 06/03/2004 0403533-003	Exterior Door Frame Caulking, Clear, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Loading Dock Rolling Door/ West Side Door/ Sample of Exterior Door Frame Caulking	Clear	No		Non-Fibrous Material	100%
576C9 06/03/2004 0403533-004	Expansion Joint Caulking, Tan, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Between Sidewalk and Façade/ East / Sample of Expansion Joint Caulking	Tan	No		Fibrous Glass Non-Fibrous Material	3% 97%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125379

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/04/2004
Date Analyzed: 06/07/2004
Batch #: 0403533

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
577C9 06/03/2004 0403533-005	Expansion Joint Caulking, Tan, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Between Sidewalk and Façade/ North East/ Sample of Expansion Joint Caulking	Tan	No		Fibrous Glass Non-Fibrous Material	1% 99%
578C9 06/03/2004 0403533-006	Expansion Joint Caulking, Tan, Homogeneous, Non-Friable Note: Recommend TEM Ground Floor/ Between Sidewalk and Façade/ South/ Sample of Expansion Joint Caulking	Tan	No		Fibrous Glass Non-Fibrous Material	1% 99%
579D9 06/03/2004 0403533-007	Concrete, Tan, Homogeneous, Friable 10th Floor/ Ceiling/ North Sample of Concrete	Tan	No		Non-Fibrous Material	100%
580D9 06/03/2004 0403533-008	Concrete, Tan, Homogeneous, Friable 10th Floor/ Ceiling/ North East/ Sample of Concrete	Tan	No		Non-Fibrous Material	100%
581D9 06/03/2004 0403533-009	Concrete, Tan, Homogeneous, Friable 10th Floor/ Ceiling/ North West/ Sample of Concrete	Tan	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125380

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	06/04/2004
Date Analyzed:	06/07/2004
Batch #:	0403533

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*
#Deleted

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:
Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:
All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:
Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 06, 2004

NYC-WTC_000125381

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 07/06/2004
Date Analyzed: 07/06/2004
Batch #: 0403764

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
582E9 07/06/2004 0403764-001	White Coat Wall Plaster, White/ Lime, Homogeneous, Friable 9th Floor/ South West Side/ Wall by Elevator/ Sample of White Coat Wall Plaster	White/ Lime	No		Cellulose Fiber Non-Fibrous Material	1% 99%
583E9 07/06/2004 0403764-002	White Coat Wall Plaster, White, Homogeneous, Friable 9th Floor/ West Side/ Wall by Fire Exit/ Sample of White Coat Wall Plaster	White	No		Cellulose Fiber Non-Fibrous Material	Trace 99%
584E9 07/06/2004 0403764-003	White Coat Wall Plaster, White, Homogeneous, Friable 9th Floor/ South West Side/ Wall Around Fire Exit Door/ Sample of White Coat Wall Plaster	White	No		Cellulose Fiber Non-Fibrous Material	1% 99%
585E9 07/06/2004 0403764-004	Brown Coat Wall Plaster, Off White, Homogeneous, Friable 9th Floor/ South West Side/ Wall by Elevator/ Sample of Brown Coat Wall Plaster	Off White	No		Cellulose Fiber Non-Fibrous Material	2% 98%
586E9 07/06/2004 0403764-005	Brown Coat Wall Plaster, Beige, Homogeneous, Friable 9th Floor/ West Side/ Wall by Fire Exit/ Sample of Brown Coat Wall Plaster	Beige	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 07, 2004

NYC-WTC_000125382

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 07/06/2004
Date Analyzed: 07/06/2004
Batch #: 0403764

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
587E9 07/06/2004 0403764-006	Brown Coat Wall Plaster, Beige, Homogeneous, Friable 9th Floor/ South West Side/ Wall Around Fire exit Door/ Sample of Brown Coat Wall Plaster	Beige	No		Non-Fibrous Material	100%
588F9 07/06/2004 0403764-007	Plaster White Coat, Off White/ Lime Green, Homogeneous, Friable 8th Floor/ West Side/ Wall Across from Bathroom 2/ Sample of Plaster White Coat	Off White/ Lime Green	No		Cellulose Fiber Non-Fibrous Material	Trace 99%
589F9 07/06/2004 0403764-008	Plaster White Coat, Off White/ Lime Green, Homogeneous, Friable 8th Floor/ West Side/ Doorway North of Elevators/ Sample of Plaster White Coat	Off White/ Lime Green	No		Cellulose Fiber Non-Fibrous Material	2% 98%
590F9 07/06/2004 0403764-009	Plaster White Coat, White, Homogeneous, Friable 8th Floor/ West Side/ Pillar Across from Stairwell 2/ Sample of Plaster White Coat	White	No		Cellulose Fiber Non-Fibrous Material	5% 95%
591F9 07/06/2004 0403764-010	Plaster Brown Coat, Brown, Homogeneous, Friable 8th Floor/ West Side/ Wall Across from Bathroom 2/ Sample of Plaster White Coat	Brown	No		Non-Fibrous Material	100%
592F9 07/06/2004 0403764-011	Plaster Brown Coat, Light Brown, Homogeneous, Friable 8th Floor/ West Side/ Doorway North of Elevator/ Sample of Plaster Brown Coat	Light Brown	No		Non-Fibrous Material	100%

Gulam Machhiwala, Lab Director
Report Date: July 07, 2004

NYC-WTC_000125383

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 07/06/2004
Date Analyzed: 07/06/2004
Batch #: 0403764

SUMMARY OF ANALYTICAL RESULTS - PLM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)	
593F9 07/06/2004 0403764-012	Plaster Brown Coat, Brown, Homogeneous, Friable 8th Floor/ West Side/ Pillar Across from Stairwell 2/ Sample of Plaster Brown Coat	Brown	No		Non-Fibrous Material	100%

*Insufficient material submitted **TEM recommended ***Not analyzed positive stop

Sample Analysis by:

Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" USEPA/ 600/R-93/116, July, 1993

Instrumentation:

Olympus PLM, Model BH-2/VM stereomicroscope Model VMZ 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: Other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, 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.

Gulam Machhiwala, Lab Director
Report Date: July 07, 2004

NYC-WTC_000125384

NYC 9/11 Public Portal Document

ASBESTOS CERTIFICATES OF ANALYSIS BY TEM METHOD

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 06/26/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
01A 03/23/2004 0403103-001	Ground Floor/ South/ North of Door to Elevator/ Sample of Mastic on Floor	Gray/ Black	No		None	100	Non-Fibrous
02A 03/23/2004 0403103-002	Ground Floor/ South/ South of Door to Elevator/ Sample of Mastic on Floor	Gray/ Black	No		None	100	Non-Fibrous
03A 03/23/2004 0403103-003	Ground Floor/ South/ Opposite Column to Elevator/ Sample of Mastic on Floor	Gray	No		None	100	Non-Fibrous
11E 03/23/2004 0403103-011	Ground Floor/ North/ North East/ Bottom/ Sample of Window Caulking	Black	No		None	100	Non-Fibrous
41Q 03/23/2004 0403103-041	2nd Floor/ east/ 3rd Pillar From South/ Sample of Mastic of 9x9	Black	No		None	100	Non-Fibrous
42R 03/23/2004 0403103-042	2nd Floor/ East/ 2nd Pillar From South/ Sample of Mastic of 12x12	Black	No		None	100	Non-Fibrous
43S 03/23/2004 0403103-043	2nd Floor/ South/ West Side/ 5th From West/ Sample of Interior Window	Black	No		None	100	Non-Fibrous
44S 03/23/2004 0403103-044	2nd Floor/ South/ East Side/ 2nd From East/ Sample of Interior Window Caulking	Black/ Green	Yes	<1	Anthophyllite	100	Non-Fibrous
45S 03/23/2004 0403103-045	2nd Floor/ North/ West/ 2nd From West/ Sample of Interior Window Caulking	Black	No		None	100	Non-Fibrous
46T 03/23/2004 0403103-046	2nd Floor/ South/ West Side/ 5th From West/ Sample of Exterior Window	Black	No		None	100	Non-Fibrous
47T 03/23/2004 0403103-047	2nd Floor/ South/ East Side/ 2nd From East/ Sample of Exterior Window	Black	No		None	100	Non-Fibrous

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125386

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 06/26/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
48T 03/23/2004 0403103-048	2nd Floor/ North/ West Side/ 2nd From West/ Sample of Exterior Window	Brown/ Black	No		None	100	Non-Fibrous
58X 03/23/2004 0403103-058	3rd Floor/ South/ 2nd From West/ Sample of Interior Window Caulking	Black	No		None	100	Non-Fibrous
59Y 03/23/2004 0403103-059	3rd Floor/ South/ 2nd From West/ Exterior Window Caulking	Gray	No		None	100	Non-Fibrous
63C1 03/23/2004 0403103-063	4th Floor/ South/ 2nd From West/ Sample of Interior Window Caulking	White/ Black	No		None	100	Non-Fibrous
64D1 03/23/2004 0403103-064	4th Floor/ South/ 2nd From West/ Sample of Exterior Window Caulking/ New	Black	Yes	<1	Chrysotile	100	Non-Fibrous
68H1 03/23/2004 0403103-068	4th Floor/ Middle/ Near 4th Pillar/ Sample of Floor Mastic	Black	Yes	1.7	Chrysotile	98.3	Non-Fibrous
73M1 03/23/2004 0403103-073	7th Floor/ North/ Between/ 1st and 2nd Pillar/ East/ Sample of Mastic to Green 9x9	Brown/ Black	No		None	100	Non-Fibrous
75O1 03/23/2004 0403103-075	7th Floor/ North/ Between/ 1st and 2nd Pillar/ West/ Sample of Mastic to 9x9	Black	Yes	3.2	Chrysotile	96.8	Non-Fibrous
76P1 03/23/2004 0403103-076	8th Floor/ North/ East/ East of 2nd Pillar/ Sample of 9x9 Floor Tiles	Gray	Yes	14.0	Chrysotile	86.0	Non-Fibrous
77P1 03/23/2004 0403103-077	8th Floor/ North/ East/ East of 2nd Pillar/ Sample of 9x9 Floor Tiles	Gray	No		Not Analyzed		Not Analyzed
78Q1 03/23/2004 0403103-078	8th Floor/ North/ East/ East of 2nd Pillar/ Sample of Mastic to 9x9	Black	No		None	100	Non-Fibrous

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125387

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 06/26/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)		
79Q1 03/23/2004 0403103-079	8th Floor/ North/ West/ North of 2nd Pillar/ Sample of Mastic 9x9	Black	No		None	100	Non-Fibrous
90W1 03/23/2004 0403103-090	8th Floor/ South/ South West/ North East/ Sample of Mastic/ 3rd Layer	Black	Yes	2.3	Chrysotile	97.7	Non-Fibrous
91W1 03/23/2004 0403103-091	8th Floor/ South/ South West/ South/ Middle/ Sample of Mastic/ 3rd Layer	Black	No		Not Analyzed		Not Analyzed
92X1 03/23/2004 0403103-092	9th Floor/ South/ West Side/ On North/ Sample of Mastic to Ceiling Tiles	Brown	No		None	100	Non-Fibrous
93X1 03/23/2004 0403103-093	9th Floor/ South/ North/ Middle/ Sample of Mastic to Ceiling Tiles	Brown	No		None	100	Non-Fibrous
94X1 03/23/2004 0403103-094	9th Floor/ South/ East/ South East/ Sample of Mastic to Ceiling Tiles	Brown	No		None	100	Non-Fibrous
98Z1 03/23/2004 0403103-098	9th Floor/ South/ North/ North East/ Sample of Mastic 9x9	Black	Yes	<1	Chrysotile	100	Non-Fibrous
99Z1 03/23/2004 0403103-099	9th Floor/ South/ West/ North West/ Sample of Mastic 9x9	Black	Yes	8.0	Chrysotile	92.0	Non-Fibrous
100Z1 03/23/2004 0403103-100	9th Floor/ South/ West/ Middle/ Sample of Mastic 9x9	Black	No		Not Analyzed		Not Analyzed
103C2 03/23/2004 0403103-103	10th Floor/ South/ West/ On North Side/ Sample of 12x12 Floor Tiles	Pink	No		None	100	Non-Fibrous
104D2 03/23/2004 0403103-104	10th Floor/ South/ West/ On North Side/ Sample of Mastic to 12x12	Pink	Yes	1.3	Chrysotile	98.7	Non-Fibrous

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125388

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 03/24/2004
Date Analyzed: 06/26/2004
Batch #: 0403103

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
107F2 03/23/2004 0403103-107	10th Floor/ North/ Middle of Pillar 1 and 2/ Sample of Mastic to 9x9	Black	No		None	100	Non-Fibrous
108F2 03/23/2004 0403103-108	10th Floor/ South/ Middle of Pillar 1 and 2/ Sample of Mastic to 9x9	Black	Yes	<1	Chrysotile	100	Non-Fibrous
110H2 03/23/2004 0403103-110	11th Floor/ West/ North West/ On South/ Sample of 9x9 Floor Tiles	Black	Yes	23.1	Chrysotile	76.9	Non-Fibrous
111I2 03/23/2004 0403103-111	11th Floor/ West/ North West/ On South/ Sample of Mastic	Black	Yes	<1	Chrysotile	100	Non-Fibrous
112J2 03/23/2004 0403103-112	11th Floor/ East/ North East Corner/ Sample of Floor Mastic	Brown/ Black	Yes	<1	Chrysotile	100	Non-Fibrous
115L2 03/23/2004 0403103-115	12th Floor/ In Front of Elevator/ South/ South East/ Sample of Mastic 9x9	Brown/ Black	Yes	<1	Chrysotile	100	Non-Fibrous
116L2 03/23/2004 0403103-116	12th Floor/ In Front of Elevator/ North/ North West/ Sample of Mastic 9x9	Black	Yes	<1	Chrysotile	99.5	Non-Fibrous
123S2 03/23/2004 0403103-123	12th Floor/ South Section/ South Wall/ Middle/ Sample of Interior Window	Black	No		None	100	Non-Fibrous
124T2 03/23/2004 0403103-124	12th Floor/ South Section/ South Wall/ Middle/ Sample of Exterior Window	Black	No		None	100	Non-Fibrous

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125389

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	03/24/2004
Date Analyzed:	06/26/2004
Batch #:	0403103

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **Weight of Residue is <1%, Analysis Unnecessary ***Not Analyzed Positive Stop

Sample Analysis by:
Transmission Electron Microscopy (TEM)

Method of Sample Preparation and Analysis:
All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" Revision 198.4, 8/3/92.

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

Note: The above samples were analyzed by EMSL Analytical, Inc., a NIST-NVLAP and NYS-ELAP accredited laboratory and a sub-contractor of JLC Environmental Consultants, Inc. (NVLAP# 101904-1, ELAP# 11480)

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125390

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 06/26/2004
Batch #: 0403439

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
128U2 05/25/2004 0403439-001	Basement/ Sump Pump Room/ Near Stairs/ Pump at West Side/ Sample of	Brown	No	None	100	Non-Fibrous	
129U2 05/25/2004 0403439-002	Basement/ Sump Pump Room/ Near Stairs/ Bottom/ Sample of Gasket on Pump	Various	No	None	100	Non-Fibrous	
130U2 05/25/2004 0403439-003	Basement/ Sump Pump Room/ Near Stairs/ Right Side/ Sample of Gasket on	Brown	No	None	100	Non-Fibrous	
131VZ 05/25/2004 0403439-004	Basement/ Sump Pump Room/ Top/ Sample of Pump Piping Insulation/ Brown	Yellow	No	None	100	Non-Fibrous	
146A3 05/25/2004 0403439-019	Basement/ Boiler Room/ Boiler Support Panel/ East Side/ Sample of Boiler Pad	Brown/ Black	No	None	100	Non-Fibrous	
147A3 05/25/2004 0403439-020	Basement/ Boiler Room/ Boiler Support Panel/ North Side/ Sample of Boiler Pad	Gray/ Black	No	None	100	Non-Fibrous	
148A3 05/25/2004 0403439-021	Basement/ Boiler Room/ Boiler Support Panel/ South Side/ Sample of Boiler Pad	Gray/ Black	No	None	100	Non-Fibrous	
151B33 05/25/2004 0403439-024	Basement/ Boiler Room/ Boiler 2/ Rear/ Sample of Door Panel Caulking	Beige	No	None	100	Non-Fibrous	

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125391

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/26/2004
Date Analyzed:	06/26/2004
Batch #:	0403439

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **Weight of Residue is <1%, Analysis Unnecessary ***Not Analyzed Positive Stop

Sample Analysis by:

Transmission Electron Microscopy (TEM)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" Revision 198.4, 8/3/92.

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

Note: The above samples were analyzed by EMSL Analytical, Inc., a NIST-NVLAP and NYS-ELAP accredited laboratory and a sub-contractor of JLC Environmental Consultants, Inc. (NVLAP# 101904-1, ELAP# 11480)

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125392

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/26/2004
Date Analyzed: 06/26/2004
Batch #: 0403440

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
193N3 05/25/2004 0403440-015	Ground Floor/ North Wall/ East Window/ Right Side/ Sample of Interior Window	Black	No	None	100	Non-Fibrous	
194N3 05/25/2004 0403440-016	Ground Floor/ North Wall/ East Window/ Left Side/ Sample of Interior Window	Black	No	None	100	Non-Fibrous	
195N3 05/25/2004 0403440-017	Ground Floor/ North Wall/ East Window/ Top Side/ Sample of Interior Window	Black	No	None	100	Non-Fibrous	
196O3 05/25/2004 0403440-018	Ground Floor/ East Wall/ Sample of Ceramic Tile Mastic	White	No	None	100	Non-Fibrous	
205R3 05/25/2004 0403440-027	Ground Floor/ North Elevator/ North Side/ Sample of 12x12 Floor Tiles	Black	No	None	100	Non-Fibrous	
206R3 05/25/2004 0403440-028	Ground Floor/ North Elevator/ South Side/ Sample of 12x12 Floor Tiles	Black	No	None	100	Non-Fibrous	
207R3 05/25/2004 0403440-029	Ground Floor/ North Elevator/ 2nd Elevator From North/ Sample of 12x12	Black	No	None	100	Non-Fibrous	
208S3 05/25/2004 0403440-030	Ground Floor/ North Elevator/ North Side/ Sample of 12x12 Floor Tile Mastic	Brown/ Black	No	None	100	Non-Fibrous	
209S3 05/25/2004 0403440-031	Ground Floor/ North Elevator/ South Side/ Sample of 12x12 Floor Tile Mastic	Gray	No	None	100	Non-Fibrous	
210S3 05/25/2004 0403440-032	Ground Floor/ North Elevator/ 2nd Elevator From North/ Sample of 12x12	Brown	No	None	100	Non-Fibrous	
211T3 05/25/2004 0403440-033	Ground Floor/ Loading Dock/ Sample of Boiler Room Air Vent Caulking	Brown/ Black	No	None	100	Non-Fibrous	

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125393

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/26/2004
Date Analyzed:	06/26/2004
Batch #:	0403440

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
212T3 05/25/2004 0403440-034	Ground Floor/ Loading Dock/ Sample of Boiler Room Air Vent Caulking	Brown/ Black	No	None	100		Non-Fibrous
213T3 05/25/2004 0403440-035	Ground Floor/ Loading Dock/ Sample of Boiler Room Air Vent Caulking	Brown/ Black	No	None	100		Non-Fibrous

*Insufficient material submitted **Weight of Residue is <1%, Analysis Unnecessary ***Not Analyzed Positive Stop

Sample Analysis by:

Transmission Electron Microscopy (TEM)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" Revision 198.4, 8/3/92.

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

Note: The above samples were analyzed by EMSL Analytical, Inc., a NIST-NVLAP and NYS-ELAP accredited laboratory and a sub-contractor of JLC Environmental Consultants, Inc. (NVLAP# 101904-1, ELAP# 11480)

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125394

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/27/2004
Date Analyzed:	06/25/2004
Batch #:	0403451

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
217V3 05/26/2004 0403451-001	2nd Floor/ Exterior Elevator Bank Wall/ South/ Sample of Baseboard Mastic	Yellow	No	None	100	Non-Fibrous	
232A4 05/26/2004 0403451-016	2nd Floor/ South Bathroom/ West/ Sample of Ceramic Tile Mastic	White/ Yellow	No	None	100	Non-Fibrous	
247F4 05/26/2004 0403451-031	2nd Floor/ South Elevation/ Center/ Top/ Sample of Caulking on Loading Door Gate	Tan	No	None	100	Non-Fibrous	
248F4 05/26/2004 0403451-032	2nd Floor/ South Elevation/ Center/ Bottom/ Sample of Caulking on Loading	Tan	No	None	100	Non-Fibrous	
249F4 05/26/2004 0403451-033	2nd Floor/ South Elevation/ Center/ Right/ Sample of Caulking on Loading Door Gate	Tan	No	None	100	Non-Fibrous	

*Insufficient material submitted **Weight of Residue is <1%, Analysis Unnecessary ***Not Analyzed Positive Stop

Sample Analysis by:
Transmission Electron Microscopy (TEM)

Method of Sample Preparation and Analysis:
All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" Revision 198.4, 8/3/92.

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

Note: The above samples were analyzed by EMSL Analytical, Inc., a NIST-NVLAP and NYS-ELAP accredited laboratory and a sub-contractor of JLC Environmental Consultants, Inc. (NVLAP# 101904-1, ELAP# 11480)

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125395

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 06/25/2004
Batch #: 0403452

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # / COLLECTED / LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
293R4 05/26/2004 0403452-007	5th Floor/ Office at South East Corner/ North Side/ Sample of Baseboard Mastic	Brown	No		None	100	Non-Fibrous
311X4 05/26/2004 0403452-025	5th Floor/ South Bathroom/ West/ Sample of Ceramic Mastic Tile	Yellow	No		None	100	Non-Fibrous
317Z4 05/26/2004 0403452-031	5th Floor/ North East Area/ Sample of Floor Tile Mastic	Gray/ Black	Yes	<1	Chrysotile	100	Non-Fibrous
318Z4 05/26/2004 0403452-032	5th Floor/ North Center Area/ Sample of Floor Tile Mastic	Gray/ Black	No		None	100	Non-Fibrous
319Z4 05/26/2004 0403452-033	5th Floor/ North West Area/ Sample of Floor Tile Mastic	Gray/ Black	No		None	100	Non-Fibrous

*Insufficient material submitted **Weight of Residue is <1%, Analysis Unnecessary ***Not Analyzed Positive Stop

Sample Analysis by:
Transmission Electron Microscopy (TEM)

Method of Sample Preparation and Analysis:
All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" Revision 198.4, 8/3/92.

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

Note: The above samples were analyzed by EMSL Analytical, Inc., a NIST-NVLAP and NYS-ELAP accredited laboratory and a sub-contractor of JLC Environmental Consultants, Inc. (NVLAP# 101904-1, ELAP# 11480)

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125396

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/27/2004
Date Analyzed: 06/25/2004
Batch #: 0403460

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
332E6 05/26/2004 0403460-010	6th Floor/ Elevator Lobby Area/ Sample of Mastic to 9x9 Floor Tiles Second Layer	Black	No		None	100	Non-Fibrous
333E6 05/26/2004 0403460-011	6th Floor/ North of Elevator Lobby/ Sample of Mastic to 9x9 Floor Tiles	Black	Yes	<1	Chrysotile	100	Non-Fibrous
334E6 05/26/2004 0403460-012	6th Floor/ North Side/ Sample of Mastic to 9x9 Floor Tiles Second Layer	Black	No		None	100	Non-Fibrous
344I6 05/26/2004 0403460-022	6th Floor/ North Side Near Elevator/ Sample of Ceiling Tile Mastic	Brown	No		None	100	Non-Fibrous
345I6 05/26/2004 0403460-023	6th Floor/ North East Side Near Elevator/ Sample of Ceiling Tile Mastic	Brown	No		None	100	Non-Fibrous
346I6 05/26/2004 0403460-024	6th Floor/ North West Side Near Elevator/ Sample of Ceiling Tile Mastic	Brown	No		None	100	Non-Fibrous
347J6 05/26/2004 0403460-025	6th Floor/ West Wall/ North Side/ Sample of Wall Mastic	Brown	No		None	100	Non-Fibrous

*Insufficient material submitted **Weight of Residue is <1%, Analysis Unnecessary ***Not Analyzed Positive Stop

Sample Analysis by:
Transmission Electron Microscopy (TEM)

Method of Sample Preparation and Analysis:
All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" Revision 198.4, 8/3/92.

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

Note: The above samples were analyzed by EMSL Analytical, Inc., a NIST-NVLAP and NYS-ELAP accredited laboratory and a sub-contractor of JLC Environmental Consultants, Inc. (NVLAP# 101904-1, ELAP# 11480)

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125397

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 05/28/2004
Date Analyzed: 06/26/2004
Batch #: 0403485

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
409D7 05/27/2004 0403485-010	9th Floor/ North Elevation/ 3rd Window From East/ Sample of Old Window Frame	Gray	No		None	100	Non-Fibrous
410D7 05/27/2004 0403485-011	9th Floor/ North Elevation/ 4th Window From East/ Top/ Sample of Old Window Frame Caulking Behind Aluminum	Black	Yes	1.8	Chrysotile	98.2	Non-Fibrous
411D7 05/27/2004 0403485-012	9th Floor/ North Elevation/ 4th Window From East/ Bottom/ Sample of Old Window Frame Caulking Behind		No				Not Analyzed
412E7 05/27/2004 0403485-013	9th Floor/ North Elevation/ 3rd Window From East/ Sample of New Frame	Black	No		None	100	Non-Fibrous
413E7 05/27/2004 0403485-014	9th Floor/ North Elevation/ 4th Window From East/ Top/ Sample of New Frame	Black	No		None	100	Non-Fibrous
414E7 05/27/2004 0403485-015	9th Floor/ North Elevation/ 4th Window From East/ Bottom/ Sample of New Frame	Gray	No		None	100	Non-Fibrous
415F7 05/27/2004 0403485-016	9th Floor/ North Bathroom/ West Side/ Sample of Mastic to 9x9 Floor Tiles/	Black	No		None	100	Non-Fibrous
416F7 05/27/2004 0403485-017	9th Floor/ North Bathroom/ North Side/ Sample of Mastic to 9x9 Floor Tiles/	Black	Yes	<1	Chrysotile	100	Non-Fibrous
417F7 05/27/2004 0403485-018	9th Floor/ North Bathroom/ East Side/ Sample of Mastic to 9x9 Floor Tiles/	Black	No		None	100	Non-Fibrous
418G7 05/27/2004 0403485-019	9th Floor/ North Bathroom/ West Side/ Sample of 9x9 Floor Tiles/ Middle Layer	Beige	No		None	100	Non-Fibrous

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125398

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	05/28/2004
Date Analyzed:	06/26/2004
Batch #:	0403485

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
419G7 05/27/2004 0403485-020	9th Floor/ North Bathroom/ North Side/ Sample of 9x9 Floor Tiles/ Middle Layer	Beige	No	None		100	Non-Fibrous
420G7 05/27/2004 0403485-021	9th Floor/ North Bathroom/ East Side/ Sample of 9x9 Floor Tiles/ Middle Layer	Tan	No	None		100	Non-Fibrous
421H7 05/27/2004 0403485-022	9th Floor/ North Bathroom/ West Side/ Sample of 12x12 Peel and Stick Tiles/ Top	Beige	No	None		100	Non-Fibrous

*Insufficient material submitted **Weight of Residue is <1%, Analysis Unnecessary ***Not Analyzed Positive Stop

Sample Analysis by:

Transmission Electron Microscopy (TEM)

Method of Sample Preparation and Analysis:

All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" Revision 198.4, 8/3/92.

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

Note: The above samples were analyzed by EMSL Analytical, Inc., a NIST-NVLAP and NYS-ELAP accredited laboratory and a sub-contractor of JLC Environmental Consultants, Inc. (NVLAP# 101904-1, ELAP# 11480)

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125399

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/01/2004
Date Analyzed: 06/25/2004
Batch #: 0403491

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
513H8 05/28/2004 0403491-024	Roof/ Main Roof/ North Side/ East/ Sample of Tar Paper Over Ply Wood at	Black	Yes	12.4	Chrysotile	87.6	Non-Fibrous
522K8 05/28/2004 0403491-033	Roof/ Water Tower Bulkhead/ South/ Sample of Exterior Window Putty	Gray	No		None	100	Non-Fibrous
523K8 05/28/2004 0403491-034	Roof/ Fan Room/ West Side/ Sample of Exterior Window Putty	Gray	No		None	100	Non-Fibrous
524K8 05/28/2004 0403491-035	Roof/ Water Tower/ East Side/ Sample of Exterior Window Putty	Gray	No		None	100	Non-Fibrous
528M8 05/28/2004 0403491-039	Roof/ Fan Room/ South/ Sample of Window Putty Interior	Tan	No		None	100	Non-Fibrous
529M8 05/28/2004 0403491-040	Roof/ Stair Bulkhead/ West Side/ Sample of Window Putty Interior	Tan	No		None	100	Non-Fibrous
530M8 05/28/2004 0403491-041	Roof/ Water Tower/ East Side/ Sample of Window Putty Interior	Tan	No		None	100	Non-Fibrous
543R8 05/28/2004 0403491-054	Roof/ South Water Tower/ West/ Sample of Roof Shingle	Black	No		None	100	Non-Fibrous
546S8 05/28/2004 0403491-057	Roof/ Elevator Mechanical Room/ South Side/ Sample of Roof Membrane	Black	No		None	99	Non-Fibrous
547S8 05/28/2004 0403491-058	Roof/ Elevator Mechanical Room/ Center/ Sample of Roof Membrane	Black	No		None	100	Non-Fibrous
548S8 05/28/2004 0403491-059	Roof/ Elevator Mechanical Room/ North Side/ Sample of Roof Membrane	Black	Yes	<1	Chrysotile	100	Non-Fibrous

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125400

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No:	04-3271
Analyte:	ASBESTOS
Date Received:	06/01/2004
Date Analyzed:	06/25/2004
Batch #:	0403491

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)

*Insufficient material submitted **Weight of Residue is <1%, Analysis Unnecessary ***Not Analyzed Positive Stop

Sample Analysis by:
Transmission Electron Microscopy (TEM)

Method of Sample Preparation and Analysis:
All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" Revision 198.4, 8/3/92.

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

Note: The above samples were analyzed by EMSL Analytical, Inc., a NIST-NVLAP and NYS-ELAP accredited laboratory and a sub-contractor of JLC Environmental Consultants, Inc. (NVLAP# 101904-1, ELAP# 11480)

Gulam Machhiwala, Lab Director
Report Date:

NYC-WTC_000125401

NYC 9/11 Public Portal Document

JLC Environmental Consultants, Inc.

200 Park Ave. South - Suite 1001. New York. NY 10003
Phone: (212) 420-8119 - Fax: (212) 420-6092

Masterworks Development Corp.
56 West 45th Street
New York NY 10036

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953-0

Project No: 04-3271
Analyte: ASBESTOS
Date Received: 06/04/2004
Date Analyzed: 06/25/2004
Batch #: 0403533

SUMMARY OF ANALYTICAL RESULTS - TEM

SITE: *130 Cedar Street*

SAMPLE # COLLECTED LAB #	DESCRIPTION / LOCATION	COLOR	Asbestos Detected?	Asbestos Constituents (%)		Non-Asbestos Constituents (%)	
573B9 06/03/2004 0403533-001	Ground Floor/ Loading Dock Rolling Door/ East/ Sample of Exterior Door	Black	No		None	100	Non-Fibrous
574B9 06/03/2004 0403533-002	Ground Floor/ Loading Dock Rolling Door/ Between East and West Door/ On East Door/ Sample of Exterior Door Frame	Gray	Yes	<1	Chrysotile	100	Non-Fibrous
575B9 06/03/2004 0403533-003	Ground Floor/ Loading Dock Rolling Door/ West Side Door/ Sample of Exterior	Gray	No		None	100	Non-Fibrous
576C9 06/03/2004 0403533-004	Ground Floor/ Between Sidewalk and Façade/ East / Sample of Expansion Joint	Gray	No		None	100	Non-Fibrous
577C9 06/03/2004 0403533-005	Ground Floor/ Between Sidewalk and Façade/ North East/ Sample of Expansion	Gray	No		None	100	Non-Fibrous
578C9 06/03/2004 0403533-006	Ground Floor/ Between Sidewalk and Façade/ South/ Sample of Expansion Joint	Gray	No		None	100	Non-Fibrous

*Insufficient material submitted **Weight of Residue is <1%, Analysis Unnecessary ***Not Analyzed Positive Stop

Sample Analysis by:
Transmission Electron Microscopy (TEM)

Method of Sample Preparation and Analysis:
All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" Revision 198.4, 8/3/92.

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

Note: The above samples were analyzed by EMSL Analytical, Inc., a NIST-NVLAP and NYS-ELAP accredited laboratory and a sub-contractor of JLC Environmental Consultants, Inc. (NVLAP# 101904-1, ELAP# 11480)

Gulam Machniwala, Lab Director
Report Date:

NYC-WTC_000125402

NYC 9/11 Public Portal Document

APPENDIX B:

XRF TESTING RESULTS

NYC-WTC_000125404

NYC 9/11 Public Portal Document

(1)

XRF Testing Data Report

JLC Environmental Consultants, Inc.

JLC Project Number	04-3271
Testing Location	130 Cedar Street
Inspector	Peter Koslowsky
Date	March 23, 2004
XRF Model	RMD-LPA-1
XRF Serial Number	2107

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (Mg/Cm2)	Result
1		Calibrate @ 1.0						1.1	Pos
2		Calibrate @ 1.0						1.1	Pos
3		Calibrate @ 1.0						1.1	Pos
4		Calibrate @ 1.0						1.1	Pos
5		Calibrate @ 1.0						1.1	Pos
6		Calibrate @ 1.0						1.1	Pos
7		Calibrate @ 1.0						0	Neg
8		Calibrate @ 1.0						0	Neg
9		Calibrate @ 1.0						0	Neg
10	**Ground Floor**	**Pillar**	**White**	**Poor**	**Concrete**	**Room Center**		**1**	**Pos**
11	Ground Floor	Pillar	White	Poor	Concrete	Room Center		0.6	Neg
12	**Ground Floor**	**Pillar**	**White**	**Poor**	**Concrete**	**Room Center**		**1**	**Pos**
13	Ground Floor	Wall	White	Poor	Plaster	1		0.2	Neg
14	Ground Floor	Wall	White	Poor	Plaster	2		0.3	Neg
15	Ground Floor	Wall	White	Poor	Plaster	3		0.3	Neg
16	Ground Floor	Wall	White	Poor	Plaster	4		0.5	Neg
17	Ground Floor	Pipe Riser	White	Good	Metal	1		-0.1	Neg
18	Ground Floor	Window Sill	Black	Good	Metal	1		0.1	Neg
19	Ground Floor	Sprinkler Pipe	Gray	Fair	Metal	Ceiling		0.2	Neg
20	**Ground Floor**	**Service Elevator Door**	**Brown**	**Poor**	**Metal**	**3**		**2**	**Pos**
21	Ground Floor	Lw By Elevators	Brown	Poor	Plaster	1		0.2	Neg
22	Ground Floor	Uw By Elevators	White	Poor	Plaster	3		0.3	Neg
23	**Ground Floor**	**Elevator**	**Brown**	**Poor**	**Metal**	**3**		**1.7**	**Pos**
24	**Ground Floor**	**Door Frame**	**Brown**	**Poor**	**Metal**	**3**		**1**	**Pos**
25	Ground Floor	Door	Brown	Poor	Metal	3		0.2	Neg
26	**Stairway Between 1st And 2nd Floor**	**Railing**	**Brown**	**Poor**	**Metal**	**2**		**2.2**	**Pos**
27	Stairway Between 1st And 2nd Floor	Wall	Beige	Poor	Cinder Block	1		0	Neg

NYC-WTC_000125405

NYC 9/11 Public Portal Document

28	Stairway Between 1st And 2nd Floor	Wall	Brown	Poor	Cinder Block	2		-0.1	Neg
29	Stairway Between 1st And 2nd Floor	Wall	Beige	Poor	Cinder Block	3		0.4	Neg
30	Stairway Between 1st And 2nd Floor	Wall	Brown	Poor	Cinder Block	4		0.4	Neg
31	Stairway Between 1st And 2nd Floor	Ceiling	Beige	Poor	Concrete	Ceiling		0.6	Neg
32	Stairway Between 1st And 2nd Floor	Standpipe	Beige	Poor	Metal	3		0.4	Neg
33	Stairway Between 1st And 2nd Floor	Sprinkler Pipe	Beige	Poor	Metal	Ceiling		0.5	Neg
34	Stairway Between 1st And 2nd Floor	Stair Tread	Gray	Poor	Concrete	Floor		1	Pos
35	2nd Floor	Wall	White	Fair	Plaster	1		0.2	Neg
36	2nd Floor	Wall	White	Poor	Plaster	2		0.1	Neg
37	2nd Floor	Wall	White	Fair	Plaster	3		0.3	Neg
38	2nd Floor	Wall	White	Fair	Plaster	4		0.4	Neg
39	2nd Floor	Window Frame	Black	Fair	Metal	1		0	Neg
40	2nd Floor	Window Sill	Black	Fair	Metal	1		0.1	Neg
41	**2nd Floor**	**Service Elevator Door**	**Blue**	**Good**	**Metal**	**3**		**1.4**	**Pos**
42	**2nd Floor**	**Passage Elevator Door**	**Blue**	**Good**	**Metal**	**3**		**1.7**	**Pos**
43	2nd Floor	Pillar	White	Poor	Concrete	Room Center		0.2	Neg
44	2nd Floor	Pillar	White	Poor	Concrete	Room Center		0.5	Neg
45	2nd Floor	Pillar	White	Poor	Concrete	Room Center		0.3	Neg
46	2nd Floor	Pillar	White	Poor	Concrete	Room Center		0.3	Neg
47	2nd Floor	Standpipe	White	Good	Metal	1		0	Neg
48	**2nd Floor**	**St. Door C**	**Blue**	**Good**	**Metal**	**3**		**2.2**	**Pos**
49	2nd Floor	Ceiling	Black	Poor	Plaster	Ceiling		0.4	Neg
50	4th Floor	Wall	White	Poor	Plaster	1		0.5	Neg
51	4th Floor	Wall	White	Poor	Plaster	2		0.1	Neg
52	4th Floor	Wall	White	Fair	Plaster	3		0.1	Neg
53	4th Floor	Wall	White	Fair	Plaster	4		0.3	Neg
54	4th Floor	Window Frame	Black	Good	Metal	1		0.1	Neg
55	4th Floor	Window Sash	Black	Good	Metal	1		0.5	Neg
56	**4th Floor**	**Service Elevator Door**	**Blue**	**Poor**	**Metal**	**3**		**1**	**Pos**
57	**4th Floor**	**Passage Elevator Door**	**Blue**	**Good**	**Metal**	**3**		**1**	**Pos**
58	4th Floor	Pillar	Gray	Fair	C	Room Center		0.5	Neg
59	4th Floor	Pillar	Gray	Fair	C	Room Center		0.4	Neg
60	4th Floor	Pillar	White	Fair	C	Room Center		0.4	Neg
61	4th Floor	Pillar	White	Fair	C	Room Center		0.6	Neg
62	4th Floor	Steam Pipe	White	Good	Metal	1		-0.1	Neg
63	**4th Floor**	**St. Door C**	**Blue**	**Poor**	**Metal**	**3**		**1**	**Pos**
64	4th Floor	Ceiling	White	Poor	Plaster	Ceiling		0.5	Neg
65	**4th Floor**	**St. Door B**	**Blue**	**Good**	**Metal**	**3**		**1**	**Pos**
66	4th Floor	Sprinkler Pipe	White	Poor	Metal	Ceiling		0.4	Neg
67		Calibrate @ 1.0						0.9	Neg
68		Calibrate @ 1.0						0.9	Neg

NYC-WTC_000125406

NYC 9/11 Public Portal Document

69		Calibrate @ 1.0						0.9	Neg
70	Stairway Between 4th And 5th Floor	Wall	Brown		Cinderblock	1		0.1	Neg
71	Stairway Between 4th And 5th Floor	Wall	Brown		Cinderblock	2		0.1	Neg
72	Stairway Between 4th And 5th Floor	Wall	Beige		Cinderblock	3		0.3	Neg
73	Stairway Between 4th And 5th Floor	Wall	Beige		Cinderblock	4		0.6	Neg
74	Stairway Between 4th And 5th Floor	Rail	Brown	Poor	Metal	2		2	Pos
75	Stairway Between 4th And 5th Floor	Ceiling	Beige	Poor	Plaster	Ceiling		0.3	Neg
76	Stairway Between 4th And 5th Floor	Stand Pipe	Beige	Poor	Metal	2		0.5	Neg
77	Stairway Between 4th And 5th Floor	Sprinkler Pipe	Beige	Poor	Metal	Ceiling		0.4	Neg
78	Stairway Between 4th And 5th Floor	Stair Tread	Brown	Poor	Concrete	Floor		1	Pos
79	Stairway Between 4th And 5th Floor	Stand Pipe Valve	Red	Good	Metal	2		8.5	Pos
80	Stairway Between 4th And 5th Floor	Stairs To Elevator	Brown	Poor	Metal	Floor		2.6	Pos
81		Calibrate @ 1.0						0.9	Neg
82		Calibrate @ 1.0						0.9	Neg
83		Calibrate @ 1.0						0.8	Neg

NYC-WTC_000125407

NYC 9/11 Public Portal Document

(2)

XRF Testing Data Report
JLC Environmental Consultants, Inc.

JLC Project Number	04-3271
Testing Location	130 Cedar Street
Inspector	Shawn Rajkumar
Date	May 25, 2004
XRF Model	RMD-LPA-1
XRF Serial Number	2114

Test Number	Room	Component Name	Color	Condition	Substrate	Location/Floor	Reading (mg/cm2)	Result	Quantity
1		Calibrate @ 1.0					1.1	POS	
2		Calibrate @ 1.0					1.1	POS	
3		Calibrate @ 1.0					1.1	POS	
4		Calibrate @ 1.0					1.1	POS	
5		Calibrate @ 1.0					1.1	POS	
6		Calibrate @ 1.0					1	POS	
7		Calibrate @ 0.0					0	NEG	
8		Calibrate @ 0.0					0	NEG	
9		Calibrate @ 0.0					0.1	NEG	
10	Room# 1 - Basement	LOWER WALL	Brown	Poor	Cinderblock	1	1	POS	65 FT²
11	Room# 1 - Basement	UPPER WALL	Beige	#N/A	Cinderblock	2	1	NEG	
12	Room# 1 - Basement	LOWER WALL	Brown	#N/A	Cinderblock	3	1	NEG	
13	Room# 1 - Basement	UPPER WALL	Beige	Poor	Cinderblock	4	1	POS	65 FT²
14	Room# 1 - Basement	CEILING	Beige	#N/A	Cinderblock	Ceiling	1	NEG	
15	Room# 1 - Basement	DOOR	Brown	Poor	Metal	2	1	POS	20 FT²
16	Room# 1 - Basement	DOOR FRAME	Brown	Poor	Metal	2	1	POS	6 FT²
17	Room# 1 - Basement	DOOR	Brown	Poor	Metal	3	1	POS	20 FT²

NYC-WTC_000125408

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
18	Room# 1 - Basement	DOOR FRAME	Brown	Poor	Metal	3	1	1.6	POS	6 FT²
19	Room# 1 - Basement	PIPE	Beige	Poor	Metal	Ceiling	12	1	POS	60 LF
20	Room# 1 - Basement	HAND RAIL	Brown	Poor	Metal	4	2	2.6	POS	12 LF
21	Room# 1 - Basement	STAIR TREAD	Brown	Poor	Cinderblock	Room Center	9	1	POS	500 FT²
22	Room# 1 - Basement	STAIR RISER	Brown	Poor	Cinderblock	Room Center	10	1	POS	500 FT²
23	Room# 1 - Basement	ELECTRICAL CONDUIT	Brown	#N/A	Metal	Ceiling	10	-0.2	NEG	
24	Room# 2 - Boiler Room	WALL	Beige	Poor	Cinderblock	1	1	1	POS	1500 FT²
25	Room# 2 - Boiler Room	WALL	Beige	Poor	Cinderblock	2	1	1	POS	1500 FT²
26	Room# 2 - Boiler Room	WALL	Beige	Poor	Cinderblock	3	1	1	POS	1500 FT²
27	Room# 2 - Boiler Room	WALL	Beige	Poor	Cinderblock	4	1	1	POS	1500 FT²
28	Room# 2 - Boiler Room	CEILING	Gray	#N/A	Cinderblock	Ceiling	1	0.2	NEG	
29	Room# 2 - Boiler Room	DOOR	Beige	Poor	Metal	1	2	1	POS	12 FT²
30	Room# 2 - Boiler Room	DOOR FRAME	Brown	Poor	Metal	2	2	1	POS	6 FT²
31	Room# 2 - Boiler Room	TANK# 1	Gray	#N/A	Metal	Room Center	1	0.1	NEG	
32	Room# 2 - Boiler Room	TANK# 2	Black	#N/A	Metal	Room Center	1	-0.2	NEG	
33	Room# 2 - Boiler Room	FLOOR	Brown	#N/A	Cinderblock	Floor	1	0.7	NEG	
34	Room# 2 - Boiler Room	PIPE	Gray	Poor	Metal	Ceiling	6	1	POS	500 LF
35	Room# 2 - Boiler Room	ELECTRICAL CONDUIT	Gray	Poor	Metal	1	10	1	POS	1000 LF
36		Calibrate @ 1.0						1.1	POS	
37		Calibrate @ 1.0						1.1	POS	
38		Calibrate @ 1.0						1	POS	
39	Room# 3 - Oil Tank Room	WALL	Gray	#N/A	Cinderblock	1	1	0.6	NEG	
40	Room# 3 - Oil Tank Room	WALL	Gray	#N/A	Cinderblock	2	1	0.2	NEG	

NYC-WTC_000125409

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	TPbI (mg/cm2)	Result	Quantity
41	Room# 3 - Oil Tank Room	WALL	Gray	#N/A	Cinderblock	3	1	0	NEG	
42	Room# 3 - Oil Tank Room	WALL	Gray	#N/A	Cinderblock	4	1	0.1	NEG	
43	Room# 3 - Oil Tank Room	ACCESS PANEL	Green	#N/A	Metal	3	1	0.1	NEG	
44	Room# 3 - Oil Tank Room	PIPE	Gray	Poor	Metal	Ceiling	7	1	POS	300 LF
45	Room# 5 - Basement	WALL	Gray	#N/A	Cinderblock	1	1	0.4	NEG	
46	Room# 5 - Basement	WALL	Gray	#N/A	Cinderblock	2	1	0.1	NEG	
47	Room# 5 - Basement	WALL	Gray	#N/A	Cinderblock	3	1	0.3	NEG	
48	Room# 5 - Basement	WALL	Gray	#N/A	Cinderblock	4	1	0.3	NEG	
49	Room# 5 - Basement	CEILING	Gray	#N/A	Concrete	Ceiling	1	0.4	NEG	
50	Room# 5 - Basement	DOOR (LARGE)	Gray	Poor	Metal	3	4	>9.9	POS	120 FT^2
51	Room# 5 - Basement	DOOR FRAME (LARGE)	Gray	Poor	Metal	3	4	1	POS	10 FT^2
52	Room# 5 - Basement	DOOR	Gray	Poor	Metal	1	4	1	POS	25 FT^2
53	Room# 5 - Basement	DOOR FRAME	Gray	Poor	Metal	1	4	1	POS	10 FT2
54	Room# 5 - Basement	COLUMN	Gray	Poor	Concrete	Room Center	1	1	POS	320 FT2
55	Room# 5 - Basement	PIPE (LARGE)	Gray	Poor	Metal	Ceiling	7	1	POS	350 LF
56	Room# 5 - Basement	PIPE (SMALL)	Gray	Poor	Metal	Ceiling	8	1.7	POS	1000 LF
57	Room# 5 - Basement	ELECTRIC BOX	Gray	#N/A	Metal	Ceiling	6	0.2	NEG	
58	Room# 5 - Basement	FLOOR	Gray	#N/A	Concrete	Floor	1	-0.1	NEG	
59	Room# 5 - Basement	LADDER	Gray	Poor	Metal	4	1	1	POS	30 FT^2
60	Ground Level/ Landing Dock	UPPER WALL	White	#N/A	Cinderblock	1	1	0.3	NEG	
61	Ground Level/ Landing Dock	UPPER WALL	White	#N/A	Cinderblock	2	1	0.3	NEG	
62	Ground Level/ Landing Dock	UPPER WALL	White	#N/A	Cinderblock	3	1	1	POS	
63	Ground Level/ Landing Dock	UPPER WALL	White	#N/A	Cinderblock	4	1	0.5	NEG	

NYC-WTC_000125410

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
64		Calibrat @ 1.0						1	POS	
65		Calibrate @ 1.0						1.1	POS	
66		Calibrate @ 1.0						1	POS	
67	Ground Level/ Landing Dock	CEILING	White	#N/A	Concrete	Ceiling	1	0.5	NEG	
68	Ground Level/ Landing Dock	DOOR (LARGE)	Brown	#N/A	Metal	1	2	-0.3	NEG	
69	Ground Level/ Landing Dock	DOOR FRAME (LARGE)	Brown	Poor	Metal	1	1	1	POS	6 FT^2
70	Ground Level/ Landing Dock	DOOR	Brown	#N/A	Metal	2	3	0.1	NEG	
71	Ground Level/ Landing Dock	DOOR FRAME	Brown	Poor	Metal	3	2	1	POS	6 FT^2
72	Ground Level/ Landing Dock	LOWER WALL	Brown	#N/A	Metal	1	1	0	NEG	
73	Ground Level/ Landing Dock	LOWER WALL	Brown	Fair	Metal	2	1	2.1	POS	90 FT^2
74	Ground Level/ Landing Dock	LOWER WALL	Brown	#N/A	Concrete	3	1	0.6	NEG	
75	Ground Level/ Landing Dock	LOWER WALL	Brown	#N/A	Metal	4	1	0	NEG	
76	Ground Level/ Landing Dock	POST	Yellow	#N/A	Metal	1	2	0	NEG	
77	Ground Level/ Landing Dock	COLUMN	White	#N/A	Concrete	Room Center	2	0.6	NEG	
78		Calibrate @ 1.0						1.1	POS	
79		Calibrate @ 1.0						1.1	POS	
80		Calibrate @ 1.0						1	POS	
81		Calibrate @ 1.0						1.1	POS	
82		Calibrate @ 1.0						1.1	POS	
83		Calibrate @ 1.0						1.1	POS	
84		Calibrate @ 0.0						0.1	NEG	
85		Calibrate @ 0.0						0.1	NEG	
86		Calibrate @ 0.0						0	NEG	

NYC-WTC_000125411

NYC 9/11 Public Portal Document

(3)

XRF Testing Data Report

JLC Environmental Consultants, Inc.

JLC Project Number	03-3271
Testing Location	130 Cedar Street
Inspector	Shawn Rajkumar
Date	May 26, 2004
XRF Model	RMD-LPA-1
XRF Serial Number	2114

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	Angle	[Pb] (mg/cm2)	Result	Quantity
1		Calibrate @ 1.0						1.1	POS	
2		Calibrate @ 1.0						1.1	POS	
3		Calibrate @ 1.0						1.1	POS	
4		Calibrate @ 1.0						1.1	POS	
5		Calibrate @ 1.0						1	POS	
6		Calibrate @ 1.0						1	POS	
7		Calibrate @ 0.0						0.1	NEG	
8		Calibrate @ 0.0						0.1	NEG	
9		Calibrate @ 0.0						0.1	NEG	
10	Room# 5 - Basement	WALL	White	#N/A	Concrete	1	1	0.5	NEG	
11	Room# 5 - Basement	WALL	Gray	#N/A	Concrete	2	1	-0.1	NEG	
12	Room# 5 - Basement	WALL	White	#N/A	Concrete	3	1	0.2	NEG	
13	Room# 5 - Basement	WALL	Gray	#N/A	Concrete	4	1	0.2	NEG	
14	Room# 5 - Basement	CEILING	Gray	#N/A	Concrete	Ceiling	1	0.1	NEG	
15	Room# 5 - Basement	DOOR BUCK	Red	#N/A	Metal	3	1	0.5	NEG	
16	Room# 5 - Basement	PIPE	Gray	#N/A	Metal	Ceiling	4	0.1	NEG	
17	Room# 5 - Basement	COLUMN	White	#N/A	Concrete	Room Center	3	0.2	NEG	
18	Room# 5 - Basement	ELECTRICAL PANEL	Gray	Poor	Metal	1	1	1	POS	2 FT2
19	Room# 6 - Basement	WALL	Gray	#N/A	Cinderblock	1	1	0.3	NEG	
20	Room# 6 - Basement	WALL	Gray	#N/A	Cinderblock	2	1	0.4	NEG	
21	Room# 6 - Basement	WALL	Gray	#N/A	Cinderblock	3	1	0	NEG	
22	Room# 6 - Basement	WALL	Gray	#N/A	Cinderblock	4	1	0.1	NEG	
23	Room# 6 - Basement	DOOR	Gray	Poor	Metal	1	1	1	POS	25 FT2

NYC-WTC_000125412

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
24	Room# 6 - Basement	DOOR FRAME	Gray	Poor	Metal	1	1	1	POS	10 FT2
25	Room# 6 - Basement	POST	Gray	#N/A	Metal	Room Center	2	0.2	NEG	
26	Room# 6 - Basement	STEEL BEAM	Gray	#N/A	Metal	1	1	0.1	NEG	
27	Room# 6 - Basement	ELECTRICAL CONDUIT	Gray	#N/A	Metal	1	2	0.5	NEG	
28	Room# 7 Basement	WALL	Gray	#N/A	Cinderblock	2	1	0.1	NEG	
29	Room# 7 Basement	WALL	Gray	#N/A	Cinderblock	3	1	0	NEG	
30	Room# 7 Basement	WALL	Gray	#N/A	Cinderblock	4	1	0.3	NEG	
31	Room# 7 Basement	DOOR	Gray	#N/A	Metal	1	1	0.6	NEG	
32	Room# 7 Basement	DOOR FRAME	Gray	#N/A	Metal	1	1	0.3	NEG	
33	Room# 8 Basement	WALL	Gray	#N/A	Cinderblock	1	1	0	NEG	
34	Room# 8 Basement	WALL	Gray	#N/A	Cinderblock	2	1	0.3	NEG	
35	Room# 8 Basement	WALL	Gray	#N/A	Cinderblock	3	1	0.1	NEG	
36	Room# 8 Basement	WALL	Gray	#N/A	Cinderblock	4	1	0.1	NEG	
37	Room# 8 Basement	POST	Gray	#N/A	Metal	Room Center	2	0	NEG	
38	Room# 8 Basement	STEEL BEAM	Gray	#N/A	Metal	Room Center	2	-0.1	NEG	
39	Room# 8 Basement	LADDER	Gray	#N/A	Metal	Room Center	2	4	POS	
40	Room# 8 Basement	DOOR	Gray	Poor	Metal	1	1	1	POS	25 FT2
41	Room# 8 Basement	DOOR FRAME	Gray	Poor	Metal	1	1	1	POS	6 FT2
42	Room# 9 - Basement	WALL	Gray	#N/A	Cinderblock	1	1	0.5	NEG	
43	Room# 9 - Basement	WALL	White	#N/A	Cinderblock	2	1	0.6	NEG	
44	Room# 9 - Basement	WALL	Gray	#N/A	Cinderblock	3	1	0.1	NEG	
45	Room# 9 - Basement	WALL	White	#N/A	Cinderblock	4	1	0.2	NEG	
46	Room# 9 - Basement	CEILING	Gray	#N/A	Concrete	Ceiling	1	0.4	NEG	
47	Room# 9 - Basement	DOOR	Gray	Poor	Metal	1	1	1	POS	25 FT2
48	Room# 9 - Basement	DOOR FRAME	Gray	Poor	Metal	1	1	1	POS	6 FT2
49	Room# 9 - Basement	DOOR	Gray	Poor	Metal	3	1	1	POS	25 FT2
50	Room# 9 - Basement	DOOR FRAME	Gray	Poor	Metal	3	1	1	POS	6 FT2
51	Room# 9 - Basement	PIPE (LARGE)	Gray	#N/A	Metal	1	1	0	NEG	
52	Room# 9 - Basement	PIPE (SMALL)	Gray	#N/A	Metal	Ceiling	4	0.4	NEG	

NYC-WTC_000125413

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
53	Room# 9 - Basement	SPRINKLER	Gray	Poor	Metal	Ceiling	3	1	POS	350 LF
54	Room# 9 - Basement	HAND RAIL	Gray	Poor	Metal	Room Center	1	2.3	POS	10 FT2
55	Room# 9 - Basement	STAIR TREAD	Gray	Poor	Concrete	Room Center	13	1	POS	250 FT2
56	Room# 9 - Basement	FLOOR	Gray	#N/A	Concrete	Floor	1	0	NEG	
57	Room# 10 - Basement	WALL	Gray	#N/A	Cinderblock	1	1	0.3	NEG	
58	Room# 10 - Basement	WALL	Gray	#N/A	Cinderblock	2	1	-0.1	NEG	
59	Room# 10 - Basement	WALL	Gray	#N/A	Cinderblock	3	1	0.4	NEG	
60	Room# 10 - Basement	WALL	Gray	#N/A	Cinderblock	4	1	0.1	NEG	
61	Room# 10 - Basement	CEILING	White	#N/A	Concrete	Ceiling	1	0.5	NEG	
62	Room# 10 - Basement	DOOR	Gray	Poor	Metal	1	1	1	POS	25 FT2
63	Room# 10 - Basement	DOOR FRAME	Gray	Poor	Metal	1	1	1	POS	5 FT2
64	Room# 10 - Basement	SPRINKLER	Gray	#N/A	Metal	Ceiling	1	0.5	NEG	
65	Room# 11 - Basement	WALL	Gray	#N/A	Concrete	1	1	0.1	NEG	
66	Room# 11 - Basement	WALL	Gray	#N/A	Concrete	2	1	0.1	NEG	
67	Room# 11 - Basement	WALL	Gray	#N/A	Concrete	3	1	0	NEG	
68	Room# 11 - Basement	WALL	Gray	#N/A	Concrete	4	1	-0.1	NEG	
69	Room# 11 - Basement	CEILING	White	#N/A	Concrete	Ceiling	1	0.2	NEG	
70	Room# 11 - Basement	DOOR	Gray	#N/A	Metal	4	2	0.2	NEG	
71	Room# 11 - Basement	DOOR FRAME	Gray	#N/A	Metal	4	1	0.2	NEG	
72	Room# 11 - Basement	LADDER	Gray	#N/A	Metal	1	1	0.5	NEG	
73	Room# 11 - Basement	POST	Gray	#N/A	Metal	Ceiling	4	0.2	NEG	
74	Room# 11 - Basement	CLOSET DOOR	Gray	Poor	Metal	Ceiling	1	1	POS	1500 FT2
75	Room# 11 - Basement	STEEL BEAM	Yellow	#N/A	Metal	Ceiling	10	0	NEG	
76	Room# 11 - Basement	SPRINKLER	Gray	#N/A	Metal	Ceiling	8	-0.2	NEG	
77	Room# 12 - Basement	WALL	Gray	#N/A	Concrete	1	1	0	NEG	
78	Room# 12 - Basement	WALL	Gray	#N/A	Concrete	3	1	0	NEG	
79	Room# 12 - Basement	WALL	Gray	#N/A	Concrete	4	1	0.4	NEG	
80	Room# 12 - Basement	CEILING	Gray	#N/A	Concrete	Ceiling	1	0.3	NEG	
81	Room# 12 - Basement	COLUMN	Gray	#N/A	Concrete	Room Center	2	0.3	NEG	

NYC-WTC_000125414

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	Floors	(Pb) (mg/cm2)	Result	Quantity
82	Room# 13 - Basement	WALL	Gray	Poor	Cinderblock	1	1	1	POS	500 FT2
83	Room# 13 - Basement	WALL	White	#N/A	Concrete	2	1	0.3	NEG	
84	Room# 13 - Basement	WALL	Gray	#N/A	Cinderblock	3	1	0.6	NEG	
85	Room# 13 - Basement	WALL	White	#N/A	Cinderblock	4	1	1	POS	500 FT2
86	Room# 13 - Basement	CEILING	White	#N/A	Concrete	Ceiling	1	1	POS	600 FT2
87	Room# 13 - Basement	DOOR	Gray	#N/A	Metal	1	1	1	POS	25 FT2
88	Room# 13 - Basement	DOOR FRAME	Gray	#N/A	Metal	1	1	1	POS	6 FT2
89	Room# 13 - Basement	POST	Red	#N/A	Metal	Room Center	2	1	POS	10 LF
90	Room# 13 - Basement	POST	Gray	#N/A	Metal	Ceiling	10	0.2	NEG	
91	Room# 13 - Basement	ELECTRICAL CONDUIT	Gray	#N/A	Metal	1	9	1	POS	500 LF
92	Room# 13 - Basement	FLOOR	Gray	#N/A	Concrete	Floor	1	0	NEG	
93	Room# 13 - Basement	COLUMN	Gray	#N/A	Concrete	Room Center	1	1	POS	300 FT2
94	3rd Fl - Room# 1 - Staircase # 1	WALL	Beige	#N/A	Cinderblock	1		0.6	NEG	
95	3rd Fl - Room# 1 - Staircase # 1	WALL	Brown	#N/A	Cinderblock	2		0.4	NEG	
96	3rd Fl - Room# 1 - Staircase # 1	WALL	Beige	#N/A	Cinderblock	3		0.3	NEG	
97	3rd Fl - Room# 1 - Staircase # 1	WALL	Brown	#N/A	Cinderblock	4		0.6	NEG	
98	3rd Fl - Room# 1 - Staircase # 1	CLOSET DOOR	Beige	#N/A	Concrete	Ceiling		0.4	NEG	
99	3rd Fl - Room# 1 - Staircase # 1	DOOR	Brown	Poor	Metal	2	1	1	POS	
100	3rd Fl - Room# 1 - Staircase # 1	DOOR FRAME	Brown	Poor	Metal	2	1	1	POS	
101	3rd Fl - Room# 1 - Staircase # 1	DOOR	Brown	Poor	Metal	3	1	1	POS	
102	3rd Fl - Room# 1 - Staircase # 1	DOOR FRAME	Brown	Poor	Metal	3	1	1.7	POS	
103	3rd Fl - Room# 1 - Staircase # 1	PIPE (LARGE)	Beige	Poor	Metal	Ceiling	1	1	POS	
104	3rd Fl - Room# 1 - Staircase # 1	PIPE (SMALL)	Beige	Poor	Metal	Ceiling	8	1	POS	
105	3rd Fl - Room# 1 - Staircase # 1	HAND RAIL	Brown	Poor	Metal	4	2	1.9	POS	
106	3rd Fl - Room# 1 - Staircase # 1	STAIR TREAD	Brown	Poor	Concrete	Room Center	8	1	POS	
107	3rd Fl - Room# 1 - Staircase # 1	STAIR RISER	Brown	Poor	Concrete	Room Center	9	1	POS	
108	3rd Fl - Room# 1 - Staircase # 1	FLOOR	Brown	Poor	Concrete	Floor	1	1.4	POS	
109	3rd Fl - Room# 1 - Staircase # 1	LADDER	Brown	Poor	Metal	4	1	1	POS	
110	3rd Fl - Room# 2 - Men's Bathroom	UPPER WALL	Gray	#N/A	Cinderblock	1	1	0.5	NEG	

NYC-WTC_000125415

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Scans	[Pb] (mg/cm2)	Result	Quantity
111	3rd Fl - Room# 2 - Men's Bathroom	UPPER WALL	Gray	#N/A	Cinderblock	2	1	0.5	NEG	
112	3rd Fl - Room# 2 - Men's Bathroom	UPPER WALL	Gray	#N/A	Cinderblock	3	1	0.3	NEG	
113	3rd Fl - Room# 2 - Men's Bathroom	UPPER WALL	Gray	#N/A	Cinderblock	4	1	0.6	NEG	
114	3rd Fl - Room# 2 - Men's Bathroom	LOWER WALL	Green	Poor	Concrete	1	1	1	POS	
115	3rd Fl - Room# 2 - Men's Bathroom	LOWER WALL	Green	Poor	Concrete	2	1	1	POS	
116	3rd Fl - Room# 2 - Men's Bathroom	LOWER WALL	Green	Poor	Concrete	3	1	1	POS	
117	3rd Fl - Room# 2 - Men's Bathroom	LOWER WALL	Green	Poor	Concrete	4	1	1	POS	
118	3rd Fl - Room# 2 - Men's Bathroom	CEILING	Gray	#N/A	Concrete	Ceiling	1	0.5	NEG	
119	3rd Fl - Room# 2 - Men's Bathroom	SEWEG PIPE	Beige	Poor	Metal	Ceiling	3	1	POS	
120	3rd Fl - Room# 2 - Men's Bathroom	POST	Beige	Poor	Metal	4	2	1	POS	
121	3rd Fl - Room# 2 - Men's Bathroom	AIR DUCT	Beige	Poor	Metal	Ceiling	1	1	POS	
122	3rd Fl - Room# 2 - Men's Bathroom	SPRINKLER	Beige	#N/A	Metal	Ceiling	1	0.3	NEG	
123	3rd Fl - Room# 2 - Men's Bathroom	GAS METER	Gray	#N/A	Metal	3	1	0.4	NEG	
124	3rd Fl - Room# 2 - Men's Bathroom	PIPE RISER	Beige	Poor	Metal	1	1	1	POS	
125	3rd Fl - Room# 2 - Men's Bathroom	PIPE RISER RET.	Green	Poor	Metal	1	1	1.6	POS	
126	3rd Fl - Room# 2 - Men's Bathroom	SLOP SINK	White	Poor	Ceramic	3	1	1	POS	
127	3rd Fl - Room# 2 - Men's Bathroom	BASEBOARD	White	Poor	Ceramic Tile	3	1	4.4	POS	
128	3rd Fl - Room# 2 - Men's Bathroom	FLOOR	White	#N/A	Ceramic Tile	Floor	1	0.1	NEG	
129	3rd Fl - Room# 2 - Men's Bathroom	DOOR	Green	Poor	Metal	1	1	1	POS	
130	3rd Fl - Room# 2 - Men's Bathroom	DOOR FRAME	Green	Poor	Metal	1	1	1.6	POS	
131		Calibrate @ 1.0		#N/A	#N/A			1.1	POS	
132		Calibrate @ 1.0		#N/A	#N/A			1.1	POS	
133		Calibrate @ 1.0		#N/A	#N/A			1.2	POS	
134		Calibrate @ 1.0		#N/A	#N/A			1	POS	
135		Calibrate @ 1.0		#N/A	#N/A			1.1	POS	
136		Calibrate @ 1.0		#N/A	#N/A			1.1	POS	
137		Calibrate @ 0.0		#N/A	#N/A			0.2	NEG	
138		Calibrate @ 0.0		#N/A	#N/A			0.1	NEG	
139		Calibrate @ 0.0		#N/A	#N/A			0.1	NEG	

NYC-WTC_000125416

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
140	3rd Fl - Room# 3 - Open Space	WALL	White	#N/A	Concrete	1	1	1	POS	
141	3rd Fl - Room# 3 - Open Space	WALL	White	#N/A	Concrete	2	1	0.2	NEG	
142	3rd Fl - Room# 3 - Open Space	WALL	White	#N/A	Concrete	3	1	0.3	NEG	
143	3rd Fl - Room# 3 - Open Space	WALL	White	#N/A	Concrete	4	1	0.6	NEG	
144	3rd Fl - Room# 3 - Open Space	CEILING	Gray	#N/A	Concrete	Ceiling	1	0.2	NEG	
145	3rd Fl - Room# 3 - Open Space	DOOR	Blue	Poor	Metal	1	1	1.6	POS	
146	3rd Fl - Room# 3 - Open Space	DOOR FRAME	Blue	Poor	Metal	1	2	2	POS	
147	3rd Fl - Room# 3 - Open Space	FREIGHT ELDR	Blue	Poor	Metal	1	2	1	POS	
148	3rd Fl - Room# 3 - Open Space	FREIGHT ELDF	Blue	Poor	Metal	1	2	1	POS	
149	3rd Fl - Room# 3 - Open Space	SERVICE DOOR	Blue	Poor	Metal	1	1	2.2	POS	
150	3rd Fl - Room# 3 - Open Space	SERVICE DOOR BUCK	Blue	Poor	Metal	1	1	1	POS	
151	3rd Fl - Room# 3 - Open Space	PASSENGER ELDR	Blue	#N/A	Metal	1	2	0.2	NEG	
152	3rd Fl - Room# 3 - Open Space	PASSENGER ELDF	Blue	Poor	Metal	1	2	1.8	POS	
153	3rd Fl - Room# 3 - Open Space	COLUMN	White	#N/A	Concrete	Room Center	4	0.5	NEG	
154	3rd Fl - Room# 3 - Open Space	COLUMN	Gray	Poor	Concrete	Room Center	10	1	POS	
155	3rd Fl - Room# 3 - Open Space	SPRINKLER	Beige	#N/A	Metal	Ceiling	1	0.5	NEG	
156	3rd Fl - Room# 3 - Open Space	PIPE RISER	White	Poor	Metal	1	10	1	POS	
157	3rd Fl - Room# 3 - Open Space	WINDOW FRAME	Black	Poor	Metal	1	1	1	POS	
158	3rd Fl - Room# 3 - Open Space	WINDOW FRAME	Black	#N/A	Metal	3	1	0.4	NEG	
159	3rd Fl - Room# 3 - Open Space	RADIATOR	Blue	Poor	Metal	3	12	1.9	POS	
160	3rd Fl - Room# 4 - Men's Bathroom	WALL	Brown	#N/A	Concrete	1	1	0.5	NEG	
161	3rd Fl - Room# 4 - Men's Bathroom	WALL	Brown	Poor	Concrete	2	1	1	POS	
162	3rd Fl - Room# 4 - Men's Bathroom	WALL	Brown	#N/A	Concrete	3	1	0.1	NEG	
163	3rd Fl - Room# 4 - Men's Bathroom	WALL	Brown	#N/A	Concrete	4	1	0.5	NEG	
164	3rd Fl - Room# 4 - Men's Bathroom	CEILING	Beige	#N/A	Concrete	Ceiling	1	0.3	NEG	
165	3rd Fl - Room# 4 - Men's Bathroom	DOOR	Blue	Poor	Metal	1	1	1	POS	
166	3rd Fl - Room# 4 - Men's Bathroom	DOOR FRAME	Blue	Poor	Metal	1	1	2.3	POS	
167	3rd Fl - Room# 4 - Men's Bathroom	SERVICE DOOR	Brown	Poor	Metal	2	1	1.5	POS	
168	3rd Fl - Room# 4 - Men's Bathroom	SERVICE DOOR BUCK	Brown	Poor	Metal	2	1	1	POS	

NYC-WTC_000125417

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
169	3rd Fl - Room# 4 - Men's Bathroom	PIPE RISER	Brown	#N/A	Metal	1	1	0.2	NEG	
170	3rd Fl - Room# 4 - Men's Bathroom	PIPE RISER RETURN	Brown	Poor	Metal	1	1	1	POS	
171	3rd Fl - Room# 4 - Men's Bathroom	BASEBOARD	Brown	#N/A	Ceramic Tile	1	4	0.1	NEG	
172	3rd Fl - Room# 4 - Men's Bathroom	FLOOR	Brown	#N/A	Ceramic Tile	Floor	1	-0.4	NEG	
173	3rd Fl - Room# 4 - Men's Bathroom	SEWAGE PIPE	Beige	Poor	Metal	Ceiling	1	1	POS	
174	3rd Fl - Room# 4 - Men's Bathroom	URINAL	White	#N/A	Ceramic	3	2	0	NEG	
175	3rd Fl - Room# 4 - Men's Bathroom	SINK	White	#N/A	Ceramic	3	2	-0.2	NEG	
176	3rd Fl - Room# 4 - Men's Bathroom	TOILET	White	#N/A	Ceramic	4	3	0.2	NEG	
177	3rd Fl - Room# 5 - Staircase # 2	WALL	Gray	#N/A	Concrete	1	1	0.3	NEG	
178	3rd Fl - Room# 5 - Staircase # 2	WALL	Gray	#N/A	Concrete	2	1	0.5	NEG	
179	3rd Fl - Room# 5 - Staircase # 2	WALL	Gray	#N/A	Concrete	3	1	0.3	NEG	
180	3rd Fl - Room# 5 - Staircase # 2	WALL	Gray	Poor	Concrete	4	1	1	POS	
181	3rd Fl - Room# 5 - Staircase # 2	CEILING	Gray	#N/A	Concrete	Ceiling	1	0.2	NEG	
182	3rd Fl - Room# 5 - Staircase # 2	EXIT DOOR	Gray	Poor	Metal	1	1	1	POS	
183	3rd Fl - Room# 5 - Staircase # 2	EXIT DOOR FRAME	Gray	Poor	Metal	1	1	1	POS	
184	3rd Fl - Room# 5 - Staircase # 2	PIPE	Gray	Poor	Metal	3	1	1	POS	
185	3rd Fl - Room# 5 - Staircase # 2	HAND RAIL	Gray	Poor	Metal	Room Center	1	1	POS	
186	3rd Fl - Room# 5 - Staircase # 2	STAIR TREAD	Gray	#N/A	Concrete	Room Center	15	-0.3	NEG	
187	3rd Fl - Room# 5 - Staircase # 2	FLOOR	Gray	#N/A	Concrete	Floor	1	0	NEG	
188	3rd Fl - Room# 6 - Exterior Landing of Staircase B	EXIT DOOR	Black	Poor	Metal	1	1	1.8	POS	50 FT2
189	3rd Fl - Room# 6 - Exterior Landing of Staircase B	EXIT DOOR FRAME	Black	Poor	Metal	1	1	2.2	POS	10 FT2
190	3rd Fl - Room# 6 - Exterior Landing of Staircase B	EXIT DOOR	Black	Poor	Metal	4	1	1	POS	50 FT2
191	3rd Fl - Room# 6 - Exterior Landing of Staircase B	EXIT DOOR FRAME	Black	Poor	Metal	4	1	1.5	POS	10 FT2
192	3rd Fl - Room# 6 - Exterior Landing of Staircase B	HAND RAIL	Black	Poor	Metal	2	2	2.4	POS	2 FT2
193	5th Fl - Room# 1 - Open Space (5th Fl.)	WALL	Brown	Poor	Concrete	1	1	1	POS	
194	5th Fl - Room# 1 - Open Space (5th Fl.)	WALL	White	#N/A	Concrete	2	1	0.5	NEG	
195	5th Fl - Room# 1 - Open Space (5th Fl.)	WALL	White	#N/A	Concrete	3	1	0.2	NEG	
196	5th Fl - Room# 1 - Open Space (5th Fl.)	WALL	White	#N/A	Concrete	4	1	0.6	NEG	
197	5th Fl - Room# 1 - Open Space (5th Fl.)	CEILING	White	#N/A	Concrete	Ceiling	1	1	POS	

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
198	5th Fl - Room# 1 - Open Space (5th Fl.)	DOOR	Gray	#N/A	#N/A	1	1	1.9	POS	
199		Calibrate @ 1.0		#N/A	#N/A			1	POS	
200		Calibrate @ 1.0		#N/A	#N/A			1.1	POS	
201		Calibrate @ 1.0		#N/A	#N/A			1.2	POS	
202		Calibrate @ 1.0		#N/A	#N/A			1.2	POS	
203		Calibrate @ 1.0		#N/A	#N/A			1.2	POS	
204		Calibrate @ 1.0		#N/A	#N/A			1.1	POS	
205		Calibrate @ 0.0		#N/A	#N/A			0.1	NEG	
206		Calibrate @ 0.0		#N/A	#N/A			0	NEG	
207		Calibrate @ 0.0		#N/A	#N/A			0.1	NEG	

NYC-WTC_000125419

NYC 9/11 Public Portal Document

XRF Testing Data Report

JLC Environmental Consultants, Inc.

JLC Project Number	04-3271
Testing Location	130 Cedar Street
Inspector	Shawn Rajkumar
Date	May 27, 2004
XRF Model	RMD-LPA-1
XRF Serial Number	2389

Test Number	Floor	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Rdgs	(Pb) (mg/cm2)	Result	Quantity
1			Calibrate @ 1.0						1.3	POS	
2			Calibrate @ 1.0						1.1	POS	
3			Calibrate @ 1.0						1.1	POS	
4			Calibrate @ 1.0						1.2	POS	
5			Calibrate @ 1.0						1.1	POS	
6			Calibrate @ 1.0						1.2	POS	
7			Calibrate @ 0.0						0.1	NEG	
8			Calibrate @ 0.0						0.1	NEG	
9			Calibrate @ 0.0						0.1	NEG	
10		5th Fl-Room# 1 - Open Area	DOOR FRAME	Brown	#N/A	Metal	1	2	2	POS	
11		5th Fl-Room# 1 - Open Area	FREIGHT ELDR	Brown	#N/A	Metal	1	2	1	POS	
12		5th Fl-Room# 1 - Open Area	FREIGHT ELDF	Brown	#N/A	Metal	1	2	1	POS	
13		5th Fl-Room# 1 - Open Area	SERVICE DOOR	Brown	#N/A	Metal	1	1	1.4	POS	
14		5th Fl-Room# 1 - Open Area	SERVICE DOOR FRAME	Brown	#N/A	Metal	1	1	1	POS	
15		5th Fl-Room# 1 - Open Area	PASSENGER ELDR	Grey	#N/A	Metal	1	2	-0.1	NEG	
16		5th Fl-Room# 1 - Open Area	PASSENGER ELDF	Grey	#N/A	Metal	1	2	1	POS	
17		5th Fl-Room# 1 - Open Area	PIPE	White	#N/A	Metal	Ceiling	1	0.1	NEG	
18		5th Fl-Room# 1 - Open Area	SPRINKLER	White	#N/A	Metal	Ceiling	15	-0.1	NEG	
19		5th Fl-Room# 1 - Open Area	PIPE RISER	White	#N/A	Metal	3	10	0.1	NEG	
20		5th Fl-Room# 1 - Open Area	PIPE RISER RET.	White	#N/A	Metal	3	10	-0.1	NEG	
21		5th Fl-Room# 1 - Open Area	COLUMN	White	#N/A	Concrete	Room Center	10	0.6	NEG	
22		5th Fl-Room# 1 - Open Area	COLUMN	Blue	#N/A	Concrete	Room Center	14	0.4	NEG	
23		5th Fl-Room# 1 - Open Area	WINDOW FRAME	Brown	#N/A	Metal	3	8	-0.1	NEG	

NYC-WTC_000125420

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
24	5th Fl-Room# 1 - Open Area	RADIATOR	White	#N/A	Metal	3	14	1	POS	
25	5th Fl-Room# 2 - Staircase# 1	WALL	Brown	#N/A	Cinderblock	1	1	0.4	NEG	
26	5th Fl-Room# 2 - Staircase# 1	WALL	Beige	#N/A	Cinderblock	2	1	0.3	NEG	
27	5th Fl-Room# 2 - Staircase# 1	WALL	Brown	#N/A	Cinderblock	3	1	-0.1	NEG	
28	5th Fl-Room# 2 - Staircase# 1	WALL	Beige	#N/A	Cinderblock	4	1	0.5	NEG	
29	5th Fl-Room# 2 - Staircase# 1	CEILING	Beige	#N/A	Concrete	Ceiling	1	0.1	NEG	
30	5th Fl-Room# 2 - Staircase# 1	DOOR	Brown	#N/A	Metal	2	1	0.5	NEG	
31	5th Fl-Room# 2 - Staircase# 1	DOOR FRAME	Brown	#N/A	Metal	2	1	1	POS	
32	5th Fl-Room# 2 - Staircase# 1	DOOR	Brown	#N/A	Metal	3	1	0.5	NEG	
33	5th Fl-Room# 2 - Staircase# 1	DOOR FRAME	Brown	#N/A	Metal	3	1	1.5	POS	
34	5th Fl-Room# 2 - Staircase# 1	PIPE (LARGE)	Beige	#N/A	Metal	4	1	-0.2	NEG	
35	5th Fl-Room# 2 - Staircase# 1	PIPE (SMALL)	Beige	#N/A	Metal	Ceiling	6	-0.1	NEG	
36	5th Fl-Room# 2 - Staircase# 1	STAIR TREAD	Brown	#N/A	Concrete	Room Center	8	2	POS	
37	5th Fl-Room# 2 - Staircase# 1	HAND RAIL	Brown	#N/A	Metal	4	2	1	POS	
38	5th Fl-Room# 2 - Staircase# 1	LADDER	Brown	#N/A	Metal	4	1	0	NEG	
39	5th Fl-Room# 2 - Staircase# 1	FLOOR	Brown	#N/A	Concrete	Floor	1	0.5	NEG	
40	5th Fl-Room# 3 - Men's Bathroom	UPPER WALL	Beige	#N/A	Sheetrock	1	1	0	NEG	
41	5th Fl-Room# 3 - Men's Bathroom	UPPER WALL	Beige	#N/A	Sheetrock	2	1	-0.1	NEG	
42	5th Fl-Room# 3 - Men's Bathroom	UPPER WALL	Beige	#N/A	Sheetrock	3	1	0	NEG	
43	5th Fl-Room# 3 - Men's Bathroom	UPPER WALL	Beige	#N/A	Sheetrock	4	1	-0.2	NEG	
44	5th Fl-Room# 3 - Men's Bathroom	LOWER WALL	Blue	#N/A	Ceramic Tile	2	1	0.6	NEG	
45	5th Fl-Room# 3 - Men's Bathroom	LOWER WALL	Blue	#N/A	Ceramic Tile	3	1	0.7	NEG	
46	5th Fl-Room# 3 - Men's Bathroom	LOWER WALL	Blue	#N/A	Ceramic Tile	4	1	0.6	NEG	
47	5th Fl-Room# 3 - Men's Bathroom	LOWER WALL	Blue	#N/A	Ceramic Tile	1	1	0.7	NEG	
48	5th Fl-Room# 3 - Men's Bathroom	DOOR	Brown	#N/A	Metal	1	1	0.7	NEG	
49	5th Fl-Room# 3 - Men's Bathroom	DOOR FRAME	Brown	#N/A	Metal	1	1	0.6	NEG	
50	5th Fl-Room# 3 - Men's Bathroom	PIPE RISER	Brown	#N/A	Metal	1	1	0.6	NEG	
51	5th Fl-Room# 3 - Men's Bathroom	PIPE RISER RET.	Brown	#N/A	Metal	4	1	0	NEG	
52	5th Fl-Room# 3 - Men's Bathroom	PIPE	Brown	#N/A	Metal	3	2	0.3	NEG	

NYC-WTC_000125421

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
53	5th Fl-Room# 3 - Men's Bathroom	SINK	White	#N/A	Ceramic	1	4	-0.8	NEG	
54	5th Fl-Room# 3 - Men's Bathroom	URINAL	White	#N/A	Ceramic	2	2	-0.5	NEG	
55	5th Fl-Room# 3 - Men's Bathroom	TOILET	White	#N/A	Ceramic	Floor	3	-0.6	NEG	
56	5th Fl-Room# 3 - Men's Bathroom	FLOOR	White	#N/A	Ceramic Tile	Ceramic Tile	1	0.3	NEG	
57	5th Fl-Room# 3 - Men's Bathroom	COLUMN	Black	#N/A	Concrete	Ceiling	1	1	POS	
58	5th Fl-Room# 3 - Men's Bathroom	SEWAGE PIPE	Black	#N/A	Metal	Ceiling	1	0	NEG	
59	5th Fl-Room# 4 - Hallway to Staircase	WALL	White	#N/A	Plaster	1	1	0.6	NEG	
60	5th Fl-Room# 4 - Hallway to Staircase	WALL	Brown	#N/A	Plaster	2	1	1	POS	
61	5th Fl-Room# 4 - Hallway to Staircase	WALL	Brown	#N/A	Plaster	3	1	1.6	POS	
62	5th Fl-Room# 4 - Hallway to Staircase	WALL	White	#N/A	Plaster	4	1	0.4	NEG	
63	5th Fl-Room# 4 - Hallway to Staircase	CEILING	Black	#N/A	Concrete	Ceiling	1	0.5	NEG	
64	5th Fl-Room# 4 - Hallway to Staircase	EXIT DOOR	Brown	#N/A	Metal	3	1	0	NEG	
65	5th Fl-Room# 4 - Hallway to Staircase	EXIT DOOR FRAME	Brown	#N/A	Metal	3	1	1	POS	
66	5th Fl-Room# 4 - Hallway to Staircase	PIPE	Black	#N/A	Metal	Ceiling	1	0.3	NEG	
67	5th Fl-Room# 4 - Hallway to Staircase	SPRINKLER	Black	#N/A	Metal	Ceiling	1	0	NEG	
68	5th Fl-Room# 4 - Hallway to Staircase	DOOR	Brown	#N/A	Metal	2	1	0.2	NEG	
69	5th Fl-Room# 4 - Hallway to Staircase	DOOR FRAME	Brown	#N/A	Metal	2	1	1	POS	
70	5th Fl-Room# 5 - Women's Bathroom	WALL	Blue	#N/A	Ceramic Tile	1	1	0	NEG	
71	5th Fl-Room# 5 - Women's Bathroom	WALL	Blue	#N/A	Ceramic Tile	2	1	-0.3	NEG	
72	5th Fl-Room# 5 - Women's Bathroom	WALL	Blue	#N/A	Ceramic Tile	3	1	-0.6	NEG	
73	5th Fl-Room# 5 - Women's Bathroom	WALL	Blue	#N/A	Ceramic Tile	4	1	-0.1	NEG	
74	5th Fl-Room# 5 - Women's Bathroom	DOOR	Blue	#N/A	Metal	1	1	-0.2	NEG	
75	5th Fl-Room# 5 - Women's Bathroom	DOOR FRAME	Blue	#N/A	Metal	1	1	0.4	NEG	
76	5th Fl-Room# 5 - Women's Bathroom	SERVICE DOOR	Blue	#N/A	Metal	2	1	-0.4	NEG	
77	5th Fl-Room# 5 - Women's Bathroom	SERVICE DOOR FRAME	Blue	#N/A	Metal	2	1	1	POS	
78	5th Fl-Room# 5 - Women's Bathroom	CEILING	Black	#N/A	Concrete	Ceiling	1	0.5	NEG	
79	5th Fl-Room# 5 - Women's Bathroom	SEWAGE PIPE	Black	#N/A	Metal	Ceiling	1	0.2	NEG	
80	5th Fl-Room# 5 - Women's Bathroom	PIPE RISER	Beige	#N/A	Metal	1	1	1	POS	
81	5th Fl-Room# 5 - Women's Bathroom	PIPE RISER RET.	Beige	#N/A	Metal	1	1	0	NEG	

NYC-WTC_000125422

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
82	5th Fl-Room# 5 - Women's Bathroom	FLOOR	Blue	#N/A	Ceramic Tile	Floor	1	-0.5	NEG	
83	5th Fl-Room# 6 - Exterior Landing	DOOR	Black	#N/A	Metal	1	1	0.1	NEG	
84	5th Fl-Room# 6 - Exterior Landing	DOOR FRAME	Black	#N/A	Metal	1	1	1.5	POS	
85	5th Fl-Room# 6 - Exterior Landing	DOOR	Black	#N/A	Metal	2	1	0.5	NEG	
86	5th Fl-Room# 6 - Exterior Landing	DOOR FRAME	Black	#N/A	Metal	2	1	1	POS	
87	5th Fl-Room# 6 - Exterior Landing	HAND RAIL	Black	#N/A	Metal	3	2	1	POS	
88	5th Fl-Room# 7 - Staircase# 2	WALL	Grey	#N/A	Concrete	1	1	0.4	NEG	
89	5th Fl-Room# 7 - Staircase# 2	WALL	Grey	#N/A	Concrete	2	1	0	NEG	
90	5th Fl-Room# 7 - Staircase# 2	WALL	Grey	#N/A	Concrete	3	1	0.5	NEG	
91	5th Fl-Room# 7 - Staircase# 2	WALL	Grey	#N/A	Concrete	4	1	-0.1	NEG	
92	5th Fl-Room# 7 - Staircase# 2	CEILING	Grey	#N/A	Concrete	Ceiling	1	0.1	NEG	
93	5th Fl-Room# 7 - Staircase# 2	PIPE	Grey	#N/A	Metal	3	1	6.1	POS	
94	5th Fl-Room# 7 - Staircase# 2	STAIR TREAD	Grey	#N/A	Concrete	Room Center	15	-0.2	NEG	
95	5th Fl-Room# 7 - Staircase# 2	HAND RAIL	Grey	#N/A	Metal	Room Center	2	0.1	NEG	
96	5th Fl-Room# 7 - Staircase# 2	DOOR	Grey	#N/A	Metal	1	1	1	POS	
97	5th Fl-Room# 7 - Staircase# 2	DOOR FRAME	Grey	#N/A	Metal	1	1	1	POS	
98	6th Fl-Room# 1 - Staircase# 1	WALL	Brown	#N/A	Cinderblock	1	1	0.4	NEG	
99	6th Fl-Room# 1 - Staircase# 1	WALL	Beige	#N/A	Cinderblock	2	1	0.1	NEG	
100	6th Fl-Room# 1 - Staircase# 1	WALL	Brown	#N/A	Cinderblock	3	1	0.3	NEG	
101	6th Fl-Room# 1 - Staircase# 1	WALL	Beige	#N/A	Cinderblock	4	1	0.4	NEG	
102	6th Fl-Room# 1 - Staircase# 1	CEILING	Beige	#N/A	Concrete	Ceiling	1	0.4	NEG	
103	6th Fl-Room# 1 - Staircase# 1	DOOR	Brown	#N/A	Metal	3	2	1	POS	
104	6th Fl-Room# 1 - Staircase# 1	DOOR FRAME	Brown	#N/A	Metal	2	2	0.4	NEG	
105	6th Fl-Room# 1 - Staircase# 1	PIPE (LARGE)	Beige	#N/A	Metal	4	2	0.1	NEG	
106	6th Fl-Room# 1 - Staircase# 1	PIPE (SMALL)	Beige	#N/A	Metal	Ceiling	6	0.1	NEG	
107	6th Fl-Room# 1 - Staircase# 1	LADDER	Brown	#N/A	Metal	4	1	0.1	NEG	
108	6th Fl-Room# 1 - Staircase# 1	HAND RAIL	Brown	#N/A	Metal	4	2	1	POS	
109	6th Fl-Room# 1 - Staircase# 1	STAIR TREAD	Brown	#N/A	Concrete	Room Center	8	1	POS	
110	6th Fl-Room# 1 - Staircase# 1	FLOOR	Brown	#N/A	Concrete	Floor	1	1	POS	

NYC-WTC_000125423

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
111	6th Fl-Room# 2 - Men's Bathroom	UPPER WALL	Beige	#N/A	Cinderblock	1	1	0.2	NEG	
112	6th Fl-Room# 2 - Men's Bathroom	UPPER WALL	Beige	#N/A	Cinderblock	2	1	0	NEG	
113	6th Fl-Room# 2 - Men's Bathroom	UPPER WALL	Beige	#N/A	Cinderblock	3	1	0.3	NEG	
114	6th Fl-Room# 2 - Men's Bathroom	UPPER WALL	Beige	#N/A	Cinderblock	4	1	0.2	NEG	
115	6th Fl-Room# 2 - Men's Bathroom	LOWER WALL	Beige	#N/A	Concrete	1	1	0.5	NEG	
116	6th Fl-Room# 2 - Men's Bathroom	LOWER WALL	Beige	#N/A	Concrete	2	1	0	NEG	
117	6th Fl-Room# 2 - Men's Bathroom	LOWER WALL	Beige	#N/A	Concrete	3	1	0	NEG	
118	6th Fl-Room# 2 - Men's Bathroom	LOWER WALL	Beige	#N/A	Concrete	4	1	0.4	NEG	
119	6th Fl-Room# 2 - Men's Bathroom	DOOR FRAME	Beige	#N/A	Metal	1	1	1	POS	
120	6th Fl-Room# 2 - Men's Bathroom	PIPE	Beige	#N/A	Metal	2	2	-0.2	NEG	
121	6th Fl-Room# 2 - Men's Bathroom	PIPE RISER	Beige	#N/A	Metal	1	1	-0.2	NEG	
122	6th Fl-Room# 2 - Men's Bathroom	PIPE RISER RET.	Beige	#N/A	Metal	1	1	-0.1	NEG	
123	6th Fl-Room# 2 - Men's Bathroom	SEWAGE PIPE	Beige	#N/A	Metal	Ceiling	2	-0.2	NEG	
124	6th Fl-Room# 2 - Men's Bathroom	AIR DUCT	Beige	#N/A	Metal	Ceiling	1	-0.2	NEG	
125	6th Fl-Room# 2 - Men's Bathroom	SPRINKLER	Beige	#N/A	Metal	Ceiling	1	0	NEG	
126	6th Fl-Room# 2 - Men's Bathroom	CEILING	Beige	#N/A	Concrete	Ceiling	1	0.2	NEG	
127	6th Fl-Room# 2 - Men's Bathroom	URINAL	White	#N/A	Ceramic	1	2	-0.4	NEG	
128	6th Fl-Room# 2 - Men's Bathroom	TOILET	White	#N/A	Ceramic	2	3	-0.7	NEG	
129	6th Fl-Room# 2 - Men's Bathroom	BASEBOARD	Grey	#N/A	Ceramic Tile	1	4	3.6	POS	
130	6th Fl-Room# 2 - Men's Bathroom	FLOOR	White	#N/A	Ceramic Tile	Floor	1	0	NEG	
131		Calibrate @ 1.0		#N/A	#N/A			1.2	POS	
132		Calibrate @ 1.0		#N/A	#N/A			1.1	POS	
133		Calibrate @ 1.0		#N/A	#N/A			1.2	POS	
134		Calibrate @ 1.0		#N/A	#N/A			1.2	POS	
135		Calibrate @ 1.0		#N/A	#N/A			1.1	POS	
136		Calibrate @ 1.0		#N/A	#N/A			1.1	POS	
137		Calibrate @ 0.0		#N/A	#N/A			0	NEG	
138		Calibrate @ 0.0		#N/A	#N/A			0	NEG	
139		Calibrate @ 0.0		#N/A	#N/A			0	NEG	

NYC-WTC_000125424

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
140	6th Fl-Room# 3 - Open Area	WALL	Blue	#N/A	Concrete	1	1	1	POS	
141	6th Fl-Room# 3 - Open Area	WALL	Beige	#N/A	Concrete	1	1	1.3	POS	
142	6th Fl-Room# 3 - Open Area	WALL	Green	#N/A	Concrete	2	1	1	POS	
143	6th Fl-Room# 3 - Open Area	WALL	Blue	#N/A	Concrete	3	1	0.5	NEG	
144	6th Fl-Room# 3 - Open Area	WALL	Blue	#N/A	Concrete	4	1	0.5	NEG	
145	6th Fl-Room# 3 - Open Area	DOOR	Grey	#N/A	Metal	1	1	1.5	POS	
146	6th Fl-Room# 3 - Open Area	DOOR FRAME	Grey	#N/A	Metal	1	1	1.4	POS	
147	6th Fl-Room# 3 - Open Area	FREIGHT ELDR	Grey	#N/A	Metal	1	2	1	POS	
148	6th Fl-Room# 3 - Open Area	FREIGHT ELDF	Grey	#N/A	Metal	1	2	1	POS	
149	6th Fl-Room# 3 - Open Area	PASSENGER ELDR	Beige	#N/A	Metal	1	2	0	NEG	
150	6th Fl-Room# 3 - Open Area	PASSENGER ELDF	Brown	#N/A	Metal	1	2	1	POS	
151	6th Fl-Room# 3 - Open Area	DOOR FRAME	Brown	#N/A	Metal	1	1	1.4	POS	
152	6th Fl-Room# 3 - Open Area	SERVICE DOOR	Grey	#N/A	Metal	1	1	1.6	POS	
153	6th Fl-Room# 3 - Open Area	SERVICE DOOR FRAME	Grey		Metal	1	1	1	POS	
154	6th Fl-Room# 3 - Open Area	WINDOW FRAME	Grey		Metal	1	1	0.3	NEG	
155	6th Fl-Room# 3 - Open Area	PIPE RISER	Beige		Metal	1	10	0	NEG	
156	6th Fl-Room# 3 - Open Area	PIPE RISER RET.	Beige		Metal	3	10	0	NEG	
157	6th Fl-Room# 3 - Open Area	RADIATOR	Grey		Metal	3	15	5.3	POS	
158	6th Fl-Room# 3 - Open Area	PIPE	Beige		Metal	Ceiling	1	0.5	NEG	
159	6th Fl-Room# 3 - Open Area	SPRINKLER	Beige		Metal	Ceiling	14	-0.2	NEG	
160	6th Fl-Room# 3 - Open Area	CEILING	Beige		Concrete	Ceiling	1	0	NEG	
161	6th Fl-Room# 3 - Open Area	COLUMN	Blue		Concrete	Room Center	14	1	POS	
162	6th Fl-Room# 4 - Hallway to 2nd Staircase	WALL	Beige		Concrete	1	1	1	POS	
163	6th Fl-Room# 4 - Hallway to 2nd Staircase	WALL	Beige		Concrete	2	1	1	POS	
164	6th Fl-Room# 4 - Hallway to 2nd Staircase	WALL	Beige		Concrete	3	1	0.7	NEG	
165	6th Fl-Room# 4 - Hallway to 2nd Staircase	WALL	Beige		Concrete	4	1	0.6	NEG	
166	6th Fl-Room# 4 - Hallway to 2nd Staircase	CEILING	Black		Concrete	Ceiling	1	0.3	NEG	
167	6th Fl-Room# 4 - Hallway to 2nd Staircase	SPRINKLER	Black		Metal	Ceiling	1	0	NEG	
168	6th Fl-Room# 4 - Hallway to 2nd Staircase	DOOR FRAME	Brown		Metal	1	1	2	POS	

NYC-WTC_000125425

NYC 9/11 Public Portal Document

	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
169	6th Fl-Room# 4 - Hallway to 2nd Staircase	DOOR	Beige		Metal	2	1	7.7	POS	
170	6th Fl-Room# 4 - Hallway to 2nd Staircase	DOOR FRAME	Brown		Metal	2	1	1	POS	
171	6th Fl-Room# 4 - Hallway to 2nd Staircase	EXIT DOOR	Brown		Metal	3	1	1.3	POS	
172	6th Fl-Room# 4 - Hallway to 2nd Staircase	EXIT DOOR FRAME	Brown		Metal	3	1	1	POS	
173	6th Fl-Room# 5 - Women's Bathroom	WALL	Beige		Sheetrock	1	1	0.1	NEG	
174	6th Fl-Room# 5 - Women's Bathroom	WALL	Beige		Sheetrock	2	1	0	NEG	
175	6th Fl-Room# 5 - Women's Bathroom	WALL	Beige		Sheetrock	3	1	-0.4	NEG	
176	6th Fl-Room# 5 - Women's Bathroom	WALL	Beige		Sheetrock	4	1	-0.1	NEG	
177	6th Fl-Room# 5 - Women's Bathroom	DOOR	Beige		Metal	1	1	7.4	POS	
178	6th Fl-Room# 5 - Women's Bathroom	DOOR FRAME	Beige		Metal	1	1	0.6	NEG	
179	6th Fl-Room# 5 - Women's Bathroom	SERVICE DOOR	Beige		Metal	2	1	0.2	NEG	
180	6th Fl-Room# 5 - Women's Bathroom	SERVICE DOOR FRAME	Beige		Metal	2	1	0	NEG	
181	6th Fl-Room# 5 - Women's Bathroom	CEILING	Black		Concrete	Ceiling	1	0.2	NEG	
182	6th Fl-Room# 5 - Women's Bathroom	FLOOR	Beige		Ceramic Tile	Floor	1	-0.4	NEG	
183	6th Fl-Room# 6 - Exterior Landing	DOOR	Black		Metal	1	1	1	POS	
184	6th Fl-Room# 6 - Exterior Landing	DOOR FRAME	Black		Metal	1	1	1	POS	
185	6th Fl-Room# 6 - Exterior Landing	DOOR	Black		Metal	2	1	1	POS	
186	6th Fl-Room# 6 - Exterior Landing	DOOR FRAME	Black		Metal	2	1	1.4	POS	
187	6th Fl-Room# 6 - Exterior Landing	HAND RAIL	Black		Metal	3	2	-0.1	NEG	
188	6th Fl-Room# 7 - Staircase# 2	WALL	Grey		Concrete	1	1	0.1	NEG	
189	6th Fl-Room# 7 - Staircase# 2	WALL	Grey		Concrete	2	1	0.3	NEG	
190	6th Fl-Room# 7 - Staircase# 2	WALL	Grey		Concrete	3	1	0.2	NEG	
191	6th Fl-Room# 7 - Staircase# 2	WALL	Grey		Concrete	4	1	0.1	NEG	
192	6th Fl-Room# 7 - Staircase# 2	DOOR	Grey		Metal	1	1	1	POS	
193	6th Fl-Room# 7 - Staircase# 2	DOOR FRAME	Grey		Metal	1	1	1	POS	
194	6th Fl-Room# 7 - Staircase# 2	PIPE	Grey		Metal	3	1	0.4	NEG	
195	6th Fl-Room# 7 - Staircase# 2	HAND RAIL	Grey		Metal	Room Center	1	1	POS	
196	6th Fl-Room# 7 - Staircase# 2	STAIR TREAD	Grey		Concrete	Room Center	1	0	NEG	
197	6th Fl-Room# 7 - Staircase# 2	CEILING	Grey		Concrete	Ceiling	1	0.1	NEG	

NYC-WTC_000125426

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
198	6th Fl-Room# 7 - Staircase# 2	FLOOR	Grey		Concrete	Floor	1	0.3	NEG	
199	7th Fl-Room# 1 - Staircase# 1	WALL	Beige		Cinderblock	1	1	0.5	NEG	
200	7th Fl-Room# 1 - Staircase# 1	WALL	Brown		Cinderblock	2	1	0	NEG	
201	7th Fl-Room# 1 - Staircase# 1	WALL	Beige		Cinderblock	3	1	0.3	NEG	
202	7th Fl-Room# 1 - Staircase# 1	WALL	Brown		Cinderblock	4	1	0.3	NEG	
203	7th Fl-Room# 1 - Staircase# 1	DOOR	Brown		Metal	2	1	-0.4	NEG	
204	7th Fl-Room# 1 - Staircase# 1	DOOR FRAME	Brown		Metal	2	1	1	POS	
205	7th Fl-Room# 1 - Staircase# 1	DOOR	Brown		Metal	3	1	0.5	NEG	
206	7th Fl-Room# 1 - Staircase# 1	DOOR FRAME	Brown		Metal	3	1	0.2	NEG	
207	7th Fl-Room# 1 - Staircase# 1	PIPE (LARGE)	Beige		Metal	Ceiling	2	0.2	NEG	
208	7th Fl-Room# 1 - Staircase# 1	PIPE (SMALL)	Beige		Metal	Ceiling	8	0.3	NEG	
209	7th Fl-Room# 1 - Staircase# 1	HAND RAIL	Brown		Metal	4	2	1	POS	
210	7th Fl-Room# 1 - Staircase# 1	STAIR TREAD	Brown		Concrete	Room Center	10	1	POS	
211	7th Fl-Room# 1 - Staircase# 1	FLOOR	Brown		Concrete	Floor	1	1	POS	
212	7th Fl-Room# 1 - Staircase# 1	CEILING	Beige		Concrete	Ceiling	1	0.5	NEG	
213	7th Fl-Room# 1 - Staircase# 1	LADDER	Beige		Metal	4	1	0.2	NEG	
214	7th Fl-Room# 3 - Open Area	WALL	Grey		Concrete	1	1	0.2	NEG	
215	7th Fl-Room# 3 - Open Area	WALL	White		Concrete	1	1	0.7	NEG	
216	7th Fl-Room# 3 - Open Area	WALL	Grey		Concrete	2	1	0.4	NEG	
217	7th Fl-Room# 3 - Open Area	WALL	Grey		Concrete	3	1	0.6	NEG	
218	7th Fl-Room# 3 - Open Area	WALL	White		Concrete	4	1	0.4	NEG	
219	7th Fl-Room# 3 - Open Area	DOOR	Grey		Metal	1	1	0.6	NEG	
220	7th Fl-Room# 3 - Open Area	DOOR FRAME	Grey		Metal	1	1	0.5	NEG	
221	7th Fl-Room# 3 - Open Area	FREIGHT ELDR	Grey		Metal	1	2	0.7	NEG	
222	7th Fl-Room# 3 - Open Area	FREIGHT ELDF	Grey		Metal	1	2	0.4	NEG	
223	7th Fl-Room# 3 - Open Area	SERVICE DOOR	Grey		Metal	1	1	0.6	NEG	
224	7th Fl-Room# 3 - Open Area	SERVICE DOOR FRAME	Grey		Metal	1	1	1	POS	
225	7th Fl-Room# 3 - Open Area	PASSENGER ELDR	White		Metal	1	2	0	NEG	
226	7th Fl-Room# 3 - Open Area	PASSENGER ELDF	Pink		Metal	1	2	0.5	NEG	

NYC-WTC_000125427

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Rdgs.	[Pb] (mg/cm2)	Result	Quantity
227	7th Fl-Room# 3 - Open Area	DOOR FRAME	Pink		Metal	2	2	1	POS	
228	7th Fl-Room# 3 - Open Area	WINDOW FRAME	Grey		Metal	1	8	1	POS	
229	7th Fl-Room# 3 - Open Area	PIPE RISER	Grey		Metal	3	6	0.3	NEG	
230	7th Fl-Room# 3 - Open Area	PIPE RISER RET.	Grey		Metal	3	6	0.3	NEG	
231	7th Fl-Room# 3 - Open Area	RADIATOR	Grey		Metal	3	18	0.2	NEG	
232	7th Fl-Room# 3 - Open Area	PIPE	White		Metal	Ceiling	1	0.2	NEG	
233	7th Fl-Room# 3 - Open Area	SPRINKLER	White		Metal	Ceiling	14	0	NEG	
234	7th Fl-Room# 3 - Open Area	CEILING	White		Concrete	Ceiling	1	0	NEG	
235	7th Fl-Room# 3 - Open Area	COLUMN	White		Concrete	Room Center	7	0.1	NEG	
236	7th Fl-Room# 3 - Open Area	COLUMN	Grey		Concrete	Room Center	7	0.1	NEG	
237	7th Fl-Room# 3 - Open Area	ACCESS PANEL	White		Metal	Room Center	1	0.1	NEG	
238	7th Fl-Room# 3 - Open Area	FLOOR	Grey		Concrete	Floor	1	-0.3	NEG	
239	7th Fl-Room# 4 - Hallway to 2nd Street	WALL	Blue		Concrete	1	1	0.4	NEG	
240	7th Fl-Room# 4 - Hallway to 2nd Street	WALL	Blue		Concrete	2	1	0.3	NEG	
241	7th Fl-Room# 4 - Hallway to 2nd Street	WALL	Blue		Concrete	3	1	0.6	NEG	
242	7th Fl-Room# 4 - Hallway to 2nd Street	WALL	Blue		Concrete	4	1	0.2	NEG	
243	7th Fl-Room# 4 - Hallway to 2nd Street	DOOR	Pink		Metal	2	1	0.4	NEG	
244	7th Fl-Room# 4 - Hallway to 2nd Street	DOOR FRAME	Pink	Poor	Metal	2	1	1	POS	
245	7th Fl-Room# 4 - Hallway to 2nd Street	DOOR	Pink		Metal	4	1	-0.1	NEG	
246	7th Fl-Room# 4 - Hallway to 2nd Street	DOOR FRAME	Pink		Metal	4	2	0.3	NEG	
247	7th Fl-Room# 4 - Hallway to 2nd Street	EXIT DOOR	Pink		Metal	3	1	-0.3	NEG	
248	7th Fl-Room# 4 - Hallway to 2nd Street	EXIT DOOR FRAME	Pink	Poor	Metal	3	1	1	POS	
249	7th Fl-Room# 4 - Hallway to 2nd Street	CEILING	Black		Concrete	Ceiling	1	0.4	NEG	
250	7th Fl-Room# 4 - Hallway to 2nd Street	PIPE	Black		Metal	Ceiling	1	-0.3	NEG	
251	7th Fl-Room# 5 - Women's Bathroom	WALL	Blue		Concrete	1	1	-0.1	NEG	
252	7th Fl-Room# 5 - Women's Bathroom	WALL	Blue		Concrete	2	1	-0.5	NEG	
253	7th Fl-Room# 5 - Women's Bathroom	WALL	Blue		Concrete	3	1	0.2	NEG	
254	7th Fl-Room# 5 - Women's Bathroom	WALL	Blue		Concrete	4	1	0.1	NEG	
255	7th Fl-Room# 5 - Women's Bathroom	DOOR	Blue		Metal	1	1	-0.3	NEG	

NYC-WTC_000125428

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
256	7th Fl-Room# 5 - Women's Bathroom	DOOR FRAME	Blue		Metal	1	1	0.4	NEG	
257	7th Fl-Room# 5 - Women's Bathroom	SERVICE DOOR	Blue		Metal	2	1	0.5	NEG	
258	7th Fl-Room# 5 - Women's Bathroom	SERVICE DOOR FRAME	Blue		Metal	2	1	0.3	NEG	
259	7th Fl-Room# 5 - Women's Bathroom	PIPE RISER	Black		Metal	1	1	-0.2	NEG	
260	7th Fl-Room# 5 - Women's Bathroom	PIPE RISER RET.	Black		Metal	1	1	0.1	NEG	
261	7th Fl-Room# 5 - Women's Bathroom	BASEBOARD	Black	Poor	Metal	1	4	3.5	POS	
262	7th Fl-Room# 5 - Women's Bathroom	FLOOR	White		Ceramic Tile	Floor	1	0	NEG	
263	7th Fl-Room# 5 - Women's Bathroom	SEWAGE PIPE	Black		Metal	Ceiling	1	0	NEG	
264	7th Fl-Room# 5 - Women's Bathroom	SPRINKLER	Black		Metal	Ceiling	1	0	NEG	
265	7th Fl-Room# 5 - Women's Bathroom	CEILING	Black		Concrete	Ceiling	1	0.6	NEG	
266	7th Fl-Room# 6 - Exterior Landing	DOOR	Black		Metal	1	1	1.3	POS	
267	7th Fl-Room# 6 - Exterior Landing	DOOR FRAME	Black		Metal	1	1	1.5	POS	
268	7th Fl-Room# 6 - Exterior Landing	DOOR	Black		Metal	2	1	1	POS	
269	7th Fl-Room# 6 - Exterior Landing	DOOR FRAME	Black		Metal	2	1	1	POS	
270	7th Fl-Room# 6 - Exterior Landing	HAND RAIL	Black		Metal	3	2	1	POS	
271	7th Fl-Room# 7 - Staircase# 2	WALL	Grey		Concrete	1		-0.1	NEG	
272	7th Fl-Room# 7 - Staircase# 2	WALL	Grey		Concrete	2		0.1	NEG	
273	7th Fl-Room# 7 - Staircase# 2	WALL	Grey		Concrete	3		0.1	NEG	
274	7th Fl-Room# 7 - Staircase# 2	WALL	Grey		Concrete	4		0.4	NEG	
275	7th Fl-Room# 7 - Staircase# 2	PIPE	Grey		Metal	3		-0.2	NEG	
276	7th Fl-Room# 7 - Staircase# 2	HAND RAIL	Grey		Metal	Room Center		1	POS	
277	7th Fl-Room# 7 - Staircase# 2	STAIR TREAD	Grey		Concrete	Room Center		0.1	NEG	
278	7th Fl-Room# 7 - Staircase# 2	FLOOR	Grey		Concrete	Floor		0	NEG	
279	7th Fl-Room# 7 - Staircase# 2	DOOR	Grey		Metal	1		0	NEG	
280	7th Fl-Room# 7 - Staircase# 2	DOOR FRAME	Grey		Metal	1		1	POS	
281	7th Fl-Room# 7 - Staircase# 2	CEILING	Grey		Concrete	Ceiling		0	NEG	
282		Calibrate @ 1.0						1.1	POS	
283		Calibrate @ 1.0						1.1	POS	
284		Calibrate @ 1.0						1.1	POS	

NYC-WTC_000125429

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Color	Condition	Substrate	Location (Wall)	# Floors	[Pb] (mg/cm2)	Result	Quantity
285		Calibrate @ 1.0						1.1	POS	
286		Calibrate @ 1.0						1	POS	
287		Calibrate @ 1.0						1.1	POS	
288		Calibrate @ 0.0						0	NEG	
289		Calibrate @ 0.0						0	NEG	
290		Calibrate @ 0.0						0	NEG	

NYC-WTC_000125430

NYC 9/11 Public Portal Document

XRF Testing Data Report
JLC Environmental Consultants, Inc.

JLC Project Number	043271
Testing Location	130 Cedar Street
Inspector	Shawn Rajkumar
Date	May 28, 2004
XRF Model	Niton XL-309
XRF Serial Number	U2160

Test Number	Room	Component Abbreviation	Component Name	Color	Condition Abbreviation	Condition	Substrate	Substrate Abbreviation	Location (Wall)	# Rdgs	[Pb] (mg/cm2)	Result	Quantity
1			#N/A								NA	...	
2		cal	Calibrate @ 1.0								0.95	POS	
3		cal	Calibrate @ 1.0								1.23	POS	
4	8th Fl-Room# 3 - Open Space	w	WALL	White			Concrete	c	1	1	0.04	NEG	
5	8th Fl-Room# 3 - Open Space	w	WALL	White			Concrete	c	2	1	-0.04	NEG	
6	8th Fl-Room# 3 - Open Space	w	WALL	White		Poor	Concrete	c	3	1	2.02	POS	
7	8th Fl-Room# 3 - Open Space	w	WALL	White			Concrete	c	4	1	0.35	NEG	
8	8th Fl-Room# 3 - Open Space	dr	DOOR	Brown		Poor	Metal	m	1	1	1.83	POS	
9	8th Fl-Room# 3 - Open Space	df	DOOR FRAME	Brown		Poor	Metal	m	1	1	2.26	POS	
10	8th Fl-Room# 3 - Open Space	fe	FREIGHT ELDR	Brown		Poor	Metal	m	1	2	1.76	POS	
11	8th Fl-Room# 3 - Open Space		FREIGHT ELDF	Brown		Poor	Metal	m	1	2	1.55	POS	
12	8th Fl-Room# 3 - Open Space	SDR	SERVICE DOOR	Brown		Poor	Metal	m	1	1	2.06	POS	
13	8th Fl-Room# 3 - Open Space	SDF	SERVICE DOOR FRAME	Brown		Poor	Metal	m	1	1	1.63	POS	
14	8th Fl-Room# 3 - Open Space		PASSENGER ELDR	Brown			Metal	m	1	2	0.13	NEG	
15	8th Fl-Room# 3 - Open Space		PASSENGER ELDF	Brown		Poor	Metal	m	1	2	1.67	POS	
16	8th Fl-Room# 3 - Open Space	DF	DOOR FRAME	Brown		Poor	Metal	m	1	1	2.33	POS	
17	8th Fl-Room# 3 - Open Space	WF	WINDOW FRAME	Black		Poor	Metal	m	1	1	3.39	POS	
18	8th Fl-Room# 3 - Open Space	WF	WINDOW FRAME	Blue		#N/A	Metal	m	3	8	0.08	NEG	
19	8th Fl-Room# 3 - Open Space	PR	PIPE RISER	Blue		#N/A	Metal	m	3	8	0.24	NEG	
20	8th Fl-Room# 3 - Open Space		PIPE RISER RET	White		#N/A	Metal	m	3	8	0.16	NEG	
21	8th Fl-Room# 3 - Open Space	RAD	RADIATOR	White		#N/A	Metal	m	3	19	0.23	NEG	
22	8th Fl-Room# 3 - Open Space		SEWAGE PIPE	White		#N/A	Metal	m	3	3	0.12	NEG	
23	8th Fl-Room# 3 - Open Space	CLM	COLUMN	White		#N/A	Concrete	c	Room Center	7	0.12	NEG	
24	8th Fl-Room# 3 - Open Space	CLM	COLUMN	Blue		#N/A	Concrete	c	Room Center	7	-0.12	NEG	
25	8th Fl-Room# 3 - Open Space	PR	PIPE RISER	White		#N/A	Metal	m	Ceiling	1	0.03	NEG	
26	8th Fl-Room# 3 - Open Space		SPRINKLER	White		#N/A	Metal	m	Ceiling	14	0.03	NEG	
27	8th Fl-Room# 3 - Open Space	CL	CEILING	White		#N/A	Concrete	c	Ceiling	1	0.08	NEG	

NYC-WTC_000125431

NYC 9/11 Public Portal Document

Test Number	Room	Component Abbreviation	Component Name	Color	Condition Abbreviation	Condition	Substrate	Substrate Abbreviation	Location (Wall)	# Rep	[Pb] (mg/cm2)	Result	Quantity
28	8th Fl-Room# 3 - Open Space	W	WALL	Blue		#N/A	Cinderblock	cb	1	1	-0.17	NEG	
29	8th Fl-Room# 4 - Hallway to 2nd Staircase	w	WALL	White		#N/A	Concrete	c	1	1	-0.19	NEG	
30	8th Fl-Room# 4 - Hallway to 2nd Staircase	w	WALL	White		#N/A	Concrete	c	2	1	0.1	NEG	
31	8th Fl-Room# 4 - Hallway to 2nd Staircase	w	WALL	White		#N/A	Concrete	c	3	1	-0.04	NEG	
32	8th Fl-Room# 4 - Hallway to 2nd Staircase	w	WALL	White		#N/A	Concrete	c	4	1	-0.35	NEG	
33	8th Fl-Room# 4 - Hallway to 2nd Staircase	df	DOOR FRAME	Brown		#N/A	Metal	m	1	1	1.56	POS	
34	8th Fl-Room# 4 - Hallway to 2nd Staircase	xdr	EXIT DOOR	Brown		#N/A	Metal	m	3	1	1.73	POS	
35	8th Fl-Room# 4 - Hallway to 2nd Staircase		EXIT DOOR FRAME	Brown		#N/A	Metal	m	3	1	1.43	POS	
36	8th Fl-Room# 4 - Hallway to 2nd Staircase	DR	DOOR	Brown		#N/A	Metal	m	2	1	0	NEG	
37	8th Fl-Room# 4 - Hallway to 2nd Staircase	DF	DOOR FRAME	Brown		#N/A	Metal	m	2	1	1.38	POS	
38	8th Fl-Room# 4 - Hallway to 2nd Staircase	PR	PIPE RISER	Black		#N/A	Metal	m	Ceiling	3	0.12	NEG	
39	8th Fl-Room# 4 - Hallway to 2nd Staircase	SP	SPRINKLER	Black		#N/A	Metal	m	Ceiling	1	0.03	NEG	
40	8th Fl-Room# 4 - Hallway to 2nd Staircase	CL	CEILING	Black		#N/A	Concrete	c	Ceiling	1	0.05	NEG	
41	8th Fl-Room# 1 - Staircase# 1	w	WALL	Brown		#N/A	Cinderblock	cb	1	1	0.19	NEG	
42	8th Fl-Room# 1 - Staircase# 1	w	WALL	Beige		#N/A	Cinderblock	cb	2	1	0.22	NEG	
43	8th Fl-Room# 1 - Staircase# 1	w	WALL	Brown		#N/A	Cinderblock	cb	3	1	-0.36	NEG	
44	8th Fl-Room# 1 - Staircase# 1	w	WALL	Beige		#N/A	Cinderblock	cb	4	1	0.43	NEG	
45	8th Fl-Room# 1 - Staircase# 1	dr	DOOR	Beige		#N/A	Metal	m	2	1	0.01	NEG	
46	8th Fl-Room# 1 - Staircase# 1	df	DOOR FRAME	Brown		#N/A	Metal	m	2	1	0.67	NEG	
47	8th Fl-Room# 1 - Staircase# 1	dr	DOOR	Brown		#N/A	Metal	m	4	1	0.19	NEG	
48	8th Fl-Room# 1 - Staircase# 1	df	DOOR FRAME	Brown		#N/A	Metal	m	4	1	0.15	NEG	
49	8th Fl-Room# 1 - Staircase# 1		PIPE (LARGE)	Beige		#N/A	Metal	m	4	2	0.21	NEG	
50	8th Fl-Room# 1 - Staircase# 1		PIPE (SMALL)	Beige		#N/A	Metal	m	Ceiling	9	0.19	NEG	
51	8th Fl-Room# 1 - Staircase# 1	CL	CEILING	Beige		#N/A	Concrete	c	Ceiling	1	0.23	NEG	
52	8th Fl-Room# 1 - Staircase# 1	LA	LADDER	Brown		#N/A	Metal	m	4	1	0.25	NEG	
53	8th Fl-Room# 1 - Staircase# 1	HR	HAND RAIL	Brown		#N/A	Metal	m	4	2	2.62	POS	
54	8th Fl-Room# 1 - Staircase# 1	SR	STAIR RISER	Brown		#N/A	Concrete	c	Room Center	9	0.68	NEG	
55	8th Fl-Room# 1 - Staircase# 1	FL	FLOOR	Brown		#N/A	Concrete	c	Floor	1	0.26	NEG	
56	8th Fl-Room# 2 - Men's Bathroom	w	WALL	Beige		#N/A	Ceramic Tile	ct	1	1	0.04	NEG	
57	8th Fl-Room# 2 - Men's Bathroom	w	WALL	Beige		#N/A	Ceramic Tile	ct	2	1	0.02	NEG	
58	8th Fl-Room# 2 - Men's Bathroom	w	WALL	Beige		#N/A	Ceramic Tile	ct	3	1	0.01	NEG	
59	8th Fl-Room# 2 - Men's Bathroom	w	WALL	Beige		#N/A	Ceramic Tile	ct	4	1	0.04	NEG	
60	8th Fl-Room# 2 - Men's Bathroom	dr	DOOR	Beige		#N/A	Metal	m	1	1	0	NEG	

NYC-WTC_000125432

NYC 9/11 Public Portal Document

Test Number	Room	Component Abbreviation	Component Name	Color	Condition Abbreviation	Condition	Substrate	Substrate Abbreviation	Location (Wall)	# Rep	[Pb] (mg/cm2)	Result	Quantity
61	8th Fl-Room# 2 - Men's Bathroom	df	DOOR FRAME	Beige		#N/A	Metal	m	1	1	2.23	POS	
62	8th Fl-Room# 2 - Men's Bathroom	bb	BASEBOARD	White		#N/A	Ceramic Tile	ct	1	4	0	NEG	
63	8th Fl-Room# 2 - Men's Bathroom	fl	FLOOR	White		#N/A	Ceramic Tile	ct	Floor	1	0	NEG	
64	8th Fl-Room# 2 - Men's Bathroom	cl	CEILING	Black		#N/A	Concrete	c	Ceiling	1	0.06	NEG	
65	8th Fl-Room# 2 - Men's Bathroom	pr	PIPE RISER	Black		#N/A	Metal	m	1	1	0.06	NEG	
66	8th Fl-Room# 2 - Men's Bathroom	prr	PIPE RISER RETURN	Black		#N/A	Metal	m	1	1	0.15	NEG	
67	8th Fl-Room# 2 - Men's Bathroom		SEWAGE PIPE	Black		#N/A	Metal	m	Ceiling	2	0.13	NEG	
68	8th Fl-Room# 2 - Men's Bathroom		SPRINKLER	Black		#N/A	Metal	m	Ceiling	1	0.17	NEG	
69	8th Fl-Room# 2 - Men's Bathroom	UR	URINAL	White		#N/A	Ceramic	cr	1	2	-0.12	NEG	
70	8th Fl-Room# 2 - Men's Bathroom	TT	TOILET	White		#N/A	Ceramic	cr	2	3	-0.1	NEG	
71	8th Fl-Room# 5 - Women's Bathroom	w	WALL	Beige		#N/A	Ceramic Tile	ct	1	1	0.04	NEG	
72	8th Fl-Room# 5 - Women's Bathroom	w	WALL	Beige		#N/A	Ceramic Tile	ct	2	1	0.04	NEG	
73	8th Fl-Room# 5 - Women's Bathroom	w	WALL	Beige		#N/A	Ceramic Tile	ct	3	1	0.02	NEG	
74	8th Fl-Room# 5 - Women's Bathroom	w	WALL	Beige		#N/A	Ceramic Tile	ct	4	1	0.02	NEG	
75	8th Fl-Room# 5 - Women's Bathroom	dr	DOOR	Beige		#N/A	Metal	m	1	1	0	NEG	
76	8th Fl-Room# 5 - Women's Bathroom	df	DOOR FRAME	Beige		#N/A	Metal	m	1	1	1.39	POS	
77	8th Fl-Room# 5 - Women's Bathroom	sdr	SERVICE DOOR	Beige		#N/A	Wood	w	2	1	1.27	POS	
78	8th Fl-Room# 5 - Women's Bathroom	sdf	SERVICE DOOR FRAME	Beige		#N/A	Metal	m	2	1	1.16	POS	
79	8th Fl-Room# 5 - Women's Bathroom	P	PIPE	Black		#N/A	Metal	m	Ceiling	4	0.14	NEG	
80	8th Fl-Room# 5 - Women's Bathroom		SEWAGE PIPE	Black		#N/A	Metal	m	Ceiling	2	0.2	NEG	
81	8th Fl-Room# 5 - Women's Bathroom	CL	CEILING	Black		#N/A	Concrete	c	1	1	-0.04	NEG	
82	8th Fl-Room# 5 - Women's Bathroom	FL	FLOOR	Beige		#N/A	Ceramic Tile	ct	Floor	1	0.08	NEG	
83	8th Fl-Room# 6 - Exterior Landing	dr	DOOR	Black		#N/A	Metal	m	1	1	0.56	NEG	
84	8th Fl-Room# 6 - Exterior Landing	df	DOOR FRAME	Black		#N/A	Metal	m	1	1	2.4	POS	
85	8th Fl-Room# 6 - Exterior Landing	dr	DOOR	Black		#N/A	Metal	m	2	1	1.87	POS	
86	8th Fl-Room# 6 - Exterior Landing	df	DOOR FRAME	Black		#N/A	Metal	m	2	1	2.01	POS	
87	8th Fl-Room# 6 - Exterior Landing	hr	HAND RAIL	Black		#N/A	Metal	m	3	2	0.9	NEG	
88	8th Fl-Room# 6 - Exterior Landing	p	PIPE	Black		#N/A	Metal	m	Ceiling	3	4.12	POS	
89	8th Fl-Room# 6 - Exterior Landing	bkt	BRACKET	Black		#N/A	Metal	m	1	2	0.53	NEG	
90	8th Fl-Room# 7 - Stair# 2 (B)	w	WALL	Beige -		#N/A	Concrete	c	1	1	0	NEG	
91	8th Fl-Room# 7 - Stair# 2 (B)	w	WALL	Gray		#N/A	Concrete	c	2	1	0.13	NEG	
92	8th Fl-Room# 7 - Stair# 2 (B)	w	WALL	Beige		#N/A	Concrete	c	3	1	-0.63	NEG	
93	8th Fl-Room# 7 - Stair# 2 (B)	w	WALL	Gray		#N/A	Concrete	c	4	1	-0.42	NEG	

NYC-WTC_000125433

NYC 9/11 Public Portal Document

Test Number	Room	Component Abbreviation	Component Name	Color	Condition Abbreviation	Condition	Substrate	Substrate Abbreviation	Location (Wall)	# Read	[Pb] (mg/cm2)	Result	Quantity
94	9th Fl-Room# 7 - Stair# 2 (B)	p	PIPE	Gray		#N/A	Metal	m	3	1	0.19	NEG	
95	9th Fl-Room# 7 - Stair# 2 (B)	hr	HAND RAIL	Gray		#N/A	Metal	m	Room Center	1	0.84	NEG	
96	9th Fl-Room# 7 - Stair# 2 (B)	st	STAIR TREAD	Gray		#N/A	Concrete	c	Room Center	6	0.22	NEG	
97	9th Fl-Room# 7 - Stair# 2 (B)	fl	FLOOR	Gray		#N/A	Concrete	c	Floor	1	0.3	NEG	
98	9th Fl-Room# 7 - Stair# 2 (B)	dr	DOOR	Gray		#N/A	Metal	m	1	1	0.67	NEG	
99	9th Fl-Room# 7 - Stair# 2 (B)	df	DOOR FRAME	Gray		#N/A	Metal	m	1	1	0.99	POS	
100	9th Fl-Room# 7 - Stair# 2 (B)	ci	CEILING	Gray		#N/A	Concrete	c	Ceiling	1	0.08	NEG	
101		cal	Calibrate @ 1.0			#N/A	#N/A				1.19	POS	
102		cal	Calibrate @ 1.0			#N/A	#N/A				1.2	POS	
103	9th Fl-Room# 1 - Staircase# 1	w	WALL	Beige		#N/A	Cinderblock	CB	1	1	0.26	NEG	
104	9th Fl-Room# 1 - Staircase# 1	w	WALL	Brown		#N/A	Cinderblock	CB	2	1	0.34	NEG	
105	9th Fl-Room# 1 - Staircase# 1	w	WALL	Beige		#N/A	Cinderblock	CB	3	1	0.2	NEG	
106	9th Fl-Room# 1 - Staircase# 1	w	WALL	Beige		#N/A	Cinderblock	CB	4	1	0.31	NEG	
107	9th Fl-Room# 1 - Staircase# 1	p	PIPE (LARGE)	Brown		#N/A	Metal	M	4	2	0.36	NEG	
108	9th Fl-Room# 1 - Staircase# 1		PIPE (SMALL)	Beige		#N/A	Metal	M	4	9	0.24	NEG	
109	9th Fl-Room# 1 - Staircase# 1	LA	LADDER	Beige		#N/A	Metal	M	4	1	0.3	NEG	
110	9th Fl-Room# 1 - Staircase# 1	CL	CEILING	Beige		#N/A	Concrete	C	Ceiling	1	-0.24	NEG	
111	9th Fl-Room# 1 - Staircase# 1	DR	DOOR	Brown		#N/A	Metal	M	4	1	0.08	NEG	
112	9th Fl-Room# 1 - Staircase# 1	DF	DOOR FRAME	Brown		#N/A	Metal	M	4	1	0.15	NEG	
113	9th Fl-Room# 2 - Men's Bathroom	w	WALL	Beige		#N/A	Concrete	c	1	1	0.16	NEG	
114	9th Fl-Room# 2 - Men's Bathroom	w	WALL	Beige		#N/A	Concrete	c	2	1	0.26	NEG	
115	9th Fl-Room# 2 - Men's Bathroom	w	WALL	Beige		#N/A	Concrete	c	3	1	0.19	NEG	
116	9th Fl-Room# 2 - Men's Bathroom	w	WALL	Beige		#N/A	Concrete	c	4	1	0.17	NEG	
117	9th Fl-Room# 2 - Men's Bathroom	pr	PIPE RISER	Beige		#N/A	Metal	m	1	1	0.08	NEG	
118	9th Fl-Room# 2 - Men's Bathroom	prr	PIPE RISER RETURN	Beige		#N/A	Metal	m	1	1	0.41	NEG	
119	9th Fl-Room# 2 - Men's Bathroom		SEWAGE PIPE	Beige		#N/A	Metal	m	Ceiling	2	0.18	NEG	
120	9th Fl-Room# 2 - Men's Bathroom	P	PIPE	Beige		#N/A	Metal	m	4	6	0.15	NEG	
121	9th Fl-Room# 2 - Men's Bathroom	PW	PARTITION-WALL	Gray		#N/A	Metal	m	Room Center	2	0.72	NEG	
122	9th Fl-Room# 2 - Men's Bathroom	DR	DOOR	Gray		#N/A	Metal	m	Room Center	3	0.8	NEG	
123	9th Fl-Room# 2 - Men's Bathroom	TT	TOILET	White		#N/A	Ceramic	cr	2	3	0.34	NEG	
124	9th Fl-Room# 2 - Men's Bathroom	UR	URINAL	White		#N/A	Ceramic	cr	1	2	-0.5	NEG	
125	9th Fl-Room# 2 - Men's Bathroom	SK	SINK	White		#N/A	Ceramic	cr	3	3	30.72	POS	
126	9th Fl-Room# 2 - Men's Bathroom	w	AIR DUCT	Beige		#N/A	Metal	m	3	1	0.38	NEG	

NYC-WTC_000125434

NYC 9/11 Public Portal Document

Test Number	Room	Component Abbreviation	Component Name	Color	Condition Abbreviation	Condition	Substrate	Substrate Abbreviation	Location (Wall)	# Read	[Pb] (mg/cm2)	Result	Quantity
127	9th Fl-Room# 3 - Open Space	w	WALL	Blue	#N/A	Concrete	c	1	1	0.25	NEG		
128	9th Fl-Room# 3 - Open Space	w	WALL	White	#N/A	Concrete	c	2	1	-0.63	NEG		
129	9th Fl-Room# 3 - Open Space	w	WALL	White	#N/A	Concrete	c	3	1	0.08	NEG		
130	9th Fl-Room# 3 - Open Space	W	WALL	White	#N/A	Concrete	c	4	1	0.44	NEG		
131	9th Fl-Room# 3 - Open Space	clm	COLUMN	White	#N/A	Concrete	c	Room Center	7	0.25	NEG		
132	9th Fl-Room# 3 - Open Space	clm	COLUMN	Blue	#N/A	Concrete	c	Room Center	7	0.14	NEG		
133	9th Fl-Room# 3 - Open Space	wf	WINDOW FRAME	Gray	#N/A	Metal	m	1	1	0.36	NEG		
134	9th Fl-Room# 3 - Open Space	wf	WINDOW FRAME	Gray	#N/A	Metal	m	3	12	0.49	NEG		
135	9th Fl-Room# 3 - Open Space	pr	PIPE RISER	White	#N/A	Metal	m	3	8	0.35	NEG		
136	9th Fl-Room# 3 - Open Space	prr	PIPE RISER RETURN	White	#N/A	Metal	m	3	8	0.13	NEG		
137	9th Fl-Room# 3 - Open Space	rad	RADIATOR	White	#N/A	Metal	m	3	17	0.25	NEG		
138	9th Fl-Room# 3 - Open Space		SEWAGE PIPE	Red	#N/A	Metal	m	3	1	-0.43	NEG		
139	9th Fl-Room# 3 - Open Space		SEWAGE PIPE	White	#N/A	Metal	m	3	2	0.31	NEG		
140	9th Fl-Room# 3 - Open Space	P	PIPE	Brown	#N/A	Metal	m	Ceiling	1	0.22	NEG		
141	9th Fl-Room# 3 - Open Space	P	PIPE	Red	#N/A	Metal	m	Ceiling	1	0.08	NEG		
142	9th Fl-Room# 3 - Open Space		SPRINKLER	Gray	#N/A	Metal	m	Ceiling	7	0.09	NEG		
143	9th Fl-Room# 3 - Open Space		SPRINKLER	Red	#N/A	Metal	m	Ceiling	6	-0.2	NEG		
144	9th Fl-Room# 3 - Open Space	DR	DOOR	White	#N/A	Metal	m	4	1	0.07	NEG		
145	9th Fl-Room# 3 - Open Space	DF	DOOR FRAME	White	#N/A	Metal	m	4	1	0.09	NEG		
146	9th Fl-Room# 3 - Open Space	CL	CEILING	White	#N/A	Concrete	c	Ceiling	1	0.17	NEG		
147	9th Fl-Room# 3 - Open Space	CL	CEILING	Brown	#N/A	Concrete	c	Ceiling	1	-0.29	NEG		
148	9th Fl- Room# 4 - Hallway to 2nd Staircase	w	WALL	Blue	#N/A	Concrete	c	1	1	1.76	POS		
149	9th Fl- Room# 4 - Hallway to 2nd Staircase	w	WALL	Blue	#N/A	Concrete	c	2	1	2.15	POS		
150	9th Fl- Room# 4 - Hallway to 2nd Staircase	w	WALL	Blue	#N/A	Concrete	c	3	1	0.07	NEG		
151	9th Fl- Room# 4 - Hallway to 2nd Staircase	w	WALL	Blue	#N/A	Concrete	c	4	1	0.35	NEG		
152	9th Fl- Room# 4 - Hallway to 2nd Staircase	df		Blue	#N/A	Metal	m	1	1	2.3	POS		
153	9th Fl- Room# 4 - Hallway to 2nd Staircase	dr	DOOR	Blue	#N/A	Metal	m	4	1	0.26	NEG		
154	9th Fl- Room# 4 - Hallway to 2nd Staircase	df	DOOR FRAME	Blue	#N/A	Metal	m	4	1	0.07	NEG		
155	9th Fl- Room# 4 - Hallway to 2nd Staircase	dr			#N/A	#N/A				0.94	INCOM		
156	9th Fl- Room# 4 - Hallway to 2nd Staircase	dr	DOOR	Blue	#N/A	Metal	m	2	1	1.19	POS		
157	9th Fl- Room# 4 - Hallway to 2nd Staircase	exdr	DOOR FRAME	Blue	#N/A	Metal	m	2	1	1.07	POS		
158	9th Fl- Room# 4 - Hallway to 2nd Staircase		EXTERIOR DOOR	Blue	#N/A	Metal	m	3	1	0.84	NEG		
159	9th Fl- Room# 4 - Hallway to 2nd Staircase		EXTERIOR DOOR FRAME	Blue	#N/A	Metal	m	3	1	1.23	POS		

NYC-WTC_000125435

NYC 9/11 Public Portal Document

Test Number	Room	Component Abbreviation	Component Name	Color	Condition Abbreviation	Condition	Substrate	Substrate Abbreviation	Location Wall	# Read	[Pb] (mg/cm2)	Result	Quantity
160	9th Fl- Room# 4 - Hallway to 2nd Staircase	CL	CEILING	Black		#N/A	Concrete	c	Ceiling	1	0.13	NEG	
161	9th Fl- Room# 4 - Hallway to 2nd Staircase	P	PIPE	Black		#N/A	Metal	m	Ceiling	2	0.28	NEG	
162		cal	Calibrate @ 1.0			#N/A					1.23	POS	
163		cal	Calibrate @ 1.0			#N/A					1.24	POS	
164	9th Fl-Room# 5 - Women's Bathroom	w	WALL	Beige		#N/A	Concrete	c	1	1	0.37	NEG	
165	9th Fl-Room# 5 - Women's Bathroom	w	WALL	Beige		#N/A	Concrete	c	2	1	-0.24	NEG	
166	9th Fl-Room# 5 - Women's Bathroom	w	WALL	Beige		#N/A	Concrete	c	3	1	0.14	NEG	
167	9th Fl-Room# 5 - Women's Bathroom	w		Beige		#N/A	Concrete	c	4	1	0.07	NEG	
168	9th Fl-Room# 5 - Women's Bathroom	dr	DOOR	Beige		#N/A	Metal	m	1	1	0.6	NEG	
169	9th Fl-Room# 5 - Women's Bathroom	df	DOOR FRAME	Beige		#N/A	Metal	m	1	1	0.35	NEG	
170	9th Fl-Room# 5 - Women's Bathroom	pr	PIPE RISER	Beige		#N/A	Metal	m	1	1	0.13	NEG	
171	9th Fl-Room# 5 - Women's Bathroom	prr	PIPE RISER RETURN	Beige		#N/A	Metal	m	1	1	0.03	NEG	
172	9th Fl-Room# 5 - Women's Bathroom	pw		Gray		#N/A	Metal	m	Room Center	2	0.44	NEG	
173	9th Fl-Room# 5 - Women's Bathroom	dr	DOOR	Gray		#N/A	Metal	m	Room Center	3	0.41	NEG	
174	9th Fl-Room# 5 - Women's Bathroom	tt	TOILET	White		#N/A	Ceramic	cr	3	3	5.1	POS	
175	9th Fl-Room# 5 - Women's Bathroom	sk	SINK	White		#N/A	Ceramic	cr	3	3	32.1	POS	
176	9th Fl-Room# 5 - Women's Bathroom		SEWAGE PIPE	Beige		#N/A	Metal	m	Ceiling	2	-0.23	NEG	
177	9th Fl-Room# 5 - Women's Bathroom	P	PIPE	Beige		#N/A	Metal	m	Ceiling	7	0.19	NEG	
178	9th Fl-Room# 5 - Women's Bathroom	CL	CEILING	Beige		#N/A	Concrete	c	Ceiling	1	0.19	NEG	
179	9th Fl-Room# 6 - Exterior Landing	dr	DOOR	Black		#N/A	Metal	m	1	1	1.27	POS	
180	9th Fl-Room# 6 - Exterior Landing	df	DOOR FRAME	Black		#N/A	Metal	m	1	1	0.88	NEG	
181	9th Fl-Room# 6 - Exterior Landing	dr	DOOR	Black		#N/A	Metal	m	2	1	1.66	POS	
182	9th Fl-Room# 6 - Exterior Landing	df	DOOR FRAME	Black		#N/A	Metal	m	2	1	1.51	POS	
183	9th Fl-Room# 6 - Exterior Landing	hr	HAND RAIL	Blue		#N/A	Metal	m	3	1	2.81	POS	
184	9th Fl-Room# 7 - 2nd Staircase	w	WALL	Gray		#N/A	Concrete	c	1	1	0.1	NEG	
185	9th Fl-Room# 7 - 2nd Staircase	w	WALL	Gray		#N/A	Concrete	c	2	1	-0.05	NEG	
186	9th Fl-Room# 7 - 2nd Staircase	w	WALL	Gray		#N/A	Concrete	c	3	1	0.12	NEG	
187	9th Fl-Room# 7 - 2nd Staircase	w	WALL	Gray		#N/A	Concrete	c	4	1	-0.29	NEG	
188	9th Fl-Room# 7 - 2nd Staircase	p	PIPE	Gray		#N/A	Metal	m	3	1	0.04	NEG	
189	9th Fl-Room# 7 - 2nd Staircase	dr	DOOR	Beige		#N/A	Metal	m	1	1	0.89	NEG	
190	9th Fl-Room# 7 - 2nd Staircase	df	DOOR FRAME	Beige		#N/A	Metal	m	1	1	1.02	POS	
191	9th Fl-Room# 7 - 2nd Staircase	ci	CEILING	Beige		#N/A	Concrete	c	Ceiling	1	0.08	NEG	
192		cal	Calibrate @ 1.0			#N/A	#N/A				1.24	POS	

NYC-WTC_000125436

NYC 9/11 Public Portal Document

Test Number	Room	Component Abbreviation	Component Name	Color	Condition Abbreviation	Condition	Substrate	Substrate Abbreviation	Location (Wall)	# Read	[Pb] (mg/cm2)	Result	Quantity
193		cal	Calibrate @ 1.0			#N/A	#N/A				1.23	POS	

NYC-WTC_000125437

NYC 9/11 Public Portal Document

XRF Testing Data Report

JLC Environmental Consultants, Inc.

JLC Project Number	04-3271
Testing Location	130 Cedar Street
Inspector	Shawn Rajkumar
Date	June 1, 2004
XRF Model	Niton XL-309
XRF Serial Number	U2160

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Rdgs	[Pb] (mg/cm2)	Result	Quantity
1			#N/A						NA	...	
2		Calibrate @ 1.0	#N/A						1.19	POS	
3		Calibrate @ 1.0	#N/A						1.07	POS	
4	ROOF	WALL	#N/A	GRAY		CONCRETE	1	1	0	NEG	
5	ROOF	DOOR	#N/A	GREEN	Poor	METAL	1	1	1.04	POS	
6	ROOF	DOOR FRAME	#N/A	GREEN		METAL	1	2	2.43	POS	
7	ROOF	ROOF DOOR	#N/A	GRAY		METAL	1	1	0.06	NEG	
8	ROOF	ROOF DOOR FRAME	#N/A	GRAY		METAL	1	1	0.08	NEG	
9	ROOF	VENT ENCLOSURE	#N/A	BLACK		METAL	1	1	0.04	NEG	
10	ROOF	VENT SUPPORT	#N/A	BLACK	Fair	METAL	1	2	5.1	POS	
11	ROOF	WINDOW FRAME	#N/A	PINK		METAL	1	2	0.12	NEG	
12	ROOF	WINDOW SILL	#N/A	PINK		METAL	1	2	0.37	NEG	
13	ROOF	LADDER	#N/A	BLACK	Fair	METAL	1	1	3.27	POS	
14	ROOF	VENT PIPE	#N/A	GREEN	Poor	METAL	1	1	2.42	POS	
15	ROOF	WINDOW FRAME	#N/A	BROWN		METAL	2	2	0.05	NEG	
16	ROOF	WINDOW	#N/A	BROWN		METAL	2	2	0.03	NEG	
17	ROOF	PIPE VENT	#N/A	GREEN		METAL	2	1	2.62	POS	
18	ROOF	VENT	#N/A	GREEN		METAL	2	1	0.53	NEG	
19	BULKHEAD	WATER TOWER SUPPORT	#N/A	BLACK	Intact	Metal	RC	1	5.1	POS	
20	BULKHEAD	LADDER	#N/A	BLACK	Intact	Metal	RC	2	5.1	POS	

NYC-WTC_000125438

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Reps	[Pu] (mg/cm2)	Result	Quantity
21	BULKHEAD	CHIMNEY	#N/A	BLACK		Metal	RC	1	0.1	NEG	
22	ROOF-TANK ROOM	DOOR	#N/A	GRAY		Metal	1	1	0.01	NEG	
23	ROOF-TANK ROOM	DOOR FRAME	#N/A	BROWN		Metal	1	1	0.02	NEG	
24	ROOF-TANK ROOM	WALL	#N/A	GRAY		Cinderblock	3	1	0	NEG	
25	ROOF-TANK ROOM	WALL	#N/A	GRAY		Cinderblock	4	1	0.01	NEG	
26	ROOF-TANK ROOM	WINDOW FRAME	#N/A	BROWN	#N/A	Metal	4	1	0.01	NEG	
27	ROOF-TANK ROOM	WINDOW FRAME	#N/A	BROWN	#N/A	Metal	3	3	0.01	NEG	
28	**ROOF-TANK ROOM**	**TANK**	**#N/A**	**GRAY**	**Poor**	**Metal**	**RC**	**1**	**1.51**	**POS**	
29	ROOF-TANK ROOM	PIPE	#N/A	GRAY	#N/A	Metal	RC	4	0.22	NEG	
30	RM #2-OLD OFFICE SPACE	WALL	#N/A	GRAY	#N/A	Concrete	1	1	-0.12	NEG	
31	RM #2-OLD OFFICE SPACE	WALL	#N/A	GRAY	#N/A	Concrete	2	1	0.2	NEG	
32	RM #2-OLD OFFICE SPACE	WALL	#N/A	GRAY	#N/A	Concrete	3	1	0.13	NEG	
33	RM #2-OLD OFFICE SPACE	WALL	#N/A	GRAY	#N/A	Concrete	4	1	0.07	NEG	
34	RM #2-OLD OFFICE SPACE	CEILING	#N/A	GRAY	#N/A	Concrete	CL	1	-0.63	NEG	
35	**RM #2-OLD OFFICE SPACE**	**PIPE**	**#N/A**	**GRAY**	**#N/A**	**Metal**	**CL**	**10**	**2.58**	**POS**	
36	RM #2-OLD OFFICE SPACE	SPRINKLER	#N/A	GRAY	#N/A	Metal	CL	1	0.03	NEG	
37	RM #2-OLD OFFICE SPACE	DOOR	#N/A	GREEN	#N/A	Metal	1	1	0.26	NEG	
38	**RM #2-OLD OFFICE SPACE**	**DOOR FRAME**	**#N/A**	**GRAY**	**Poor**	**Metal**	**1**	**1**	**0.97**	**POS**	
39	RM #2-OLD OFFICE SPACE	ELECTRICAL PANEL	#N/A	GRAY	#N/A	Metal	2	1	0.08	NEG	
40	VENT ROOM	WALL	#N/A	WHITE	#N/A	Cinderblock	1	1	-0.37	NEG	
41	VENT ROOM	WALL	#N/A	GRAY	#N/A	Cinderblock	4	1	0.09	NEG	
42	VENT ROOM	DOOR	#N/A	BROWN	#N/A	Metal	1	1	0.04	NEG	
43	VENT ROOM	DOOR FRAME	#N/A	BROWN	#N/A	Metal	1	1	0.05	NEG	
44	VENT ROOM	WINDOW	#N/A	BROWN	#N/A	Metal	2	1	0.03	NEG	
45	VENT ROOM	WINDOW FRAME	#N/A	BROWN	#N/A	Metal	2	1	0.03	NEG	
46	VENT ROOM	CEILING	#N/A	GRAY	#N/A	Concrete	CL	1	0	NEG	

NYC-WTC_000125439

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Rem	[Pb] (mg/cm2)	Result	Quantity
47	VENT ROOM	VENT UNIT	#N/A	GRAY	#N/A	Metal	RC	1	0.15	NEG	
48	ROOF LANDING	WALL	#N/A	WHITE	#N/A	Cinderblock	2	1	0.29	NEG	
49	ROOF LANDING	WALL	#N/A	BEIGE	#N/A	Cinderblock	3	1	0.16	NEG	
50	ROOF LANDING	WALL	#N/A	WHITE	#N/A	Cinderblock	4	1	0.14	INCOM	
51	ROOF LANDING	DOOR	#N/A	BROWN	#N/A	Metal	4	2	0.07	NEG	
52	ROOF LANDING	DOOR FRAME	#N/A	BROWN	#N/A	Metal	4	2	0.03	NEG	
53	ROOF LANDING	PIPE	#N/A	BEIGE	#N/A	Metal	3	1	0.24	NEG	
54	ROOF LANDING	STAIR TREAD	#N/A	BROWN	#N/A	Metal	3	14	0.13	NEG	
55	ROOF LANDING	STAIR STRINGER	#N/A	BROWN	#N/A	Metal	3	2	0.39	NEG	
56	**ROOF LANDING**	**POST**	**#N/A**	**BROWN**	**Fair**	**Metal**	**3**	**1**	**2.17**	**POS**	
57	**ROOF LANDING**	**HAND RAIL**	**#N/A**	**BROWN**	**Fair**	**Metal**	**3**	**1**	**1.76**	**POS**	
58	ROOF LANDING	FLOOR	#N/A	RED	#N/A	Concrete	FL	1	0.31	NEG	
59	ROOF LANDING	PIPE	#N/A	WHITE	#N/A	Metal	4	1	-0.36	NEG	
60	ROOF LANDING	STEEL BEAM	#N/A	WHITE	#N/A	Metal	CL	1	0.01	NEG	
61	MECHANICAL ROOM	WALL	#N/A	GRAY	#N/A	Concrete	3	1	-0.22	NEG	
62	MECHANICAL ROOM	WALL	#N/A	GRAY	#N/A	Concrete	4	1	0.05	NEG	
63	MECHANICAL ROOM	CEILING	#N/A	GRAY	#N/A	Concrete	CL	1	-0.33	NEG	
64	MECHANICAL ROOM	DOOR	#N/A	BROWN	#N/A	Metal	1	1	0.1	NEG	
65	MECHANICAL ROOM	DOOR FRAME	#N/A	BROWN	#N/A	Metal	1	1	0.43	NEG	
66	MECHANICAL ROOM	WINDOW FRAME	#N/A	BROWN	#N/A	Metal	4	5	0.35	NEG	
67	MECHANICAL ROOM	FLOOR	#N/A	GRAY	#N/A	Concrete	FL	1	0.16	NEG	
68	12th FL-RM #1- STAIR CASE #1	WALL	#N/A	WHITE	#N/A	Cinderblock	1	1	-0.12	NEG	
69	12th FL-RM #1- STAIR CASE #1	WALL	#N/A	BEIGE	#N/A	Cinderblock	2	1	-0.04	NEG	
70	12th FL-RM #1- STAIR CASE #1	WALL	#N/A	WHITE	#N/A	Cinderblock	3	1	-0.24	NEG	
71	12th FL-RM #1- STAIR CASE #1	WALL	#N/A	BEIGE	#N/A	Cinderblock	4	1	-0.08	NEG	
72	**12th FL-RM #1- STAIR CASE #1**	**HAND RAIL**	**#N/A**	**BEIGE**	**#N/A**	**Metal**	**4**	**2**	**2.39**	**POS**	

NYC-WTC_000125440

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
73	12th FL-RM #1- STAIR CASE #1	STAIR TREAD	#N/A	RED	#N/A	Concrete	RC	8	0.61	NEG	
74	12th FL-RM #1- STAIR CASE #1	LADDER	#N/A	BEIGE	#N/A	Metal	4	1	0.25	NEG	
75	12th FL-RM #1- STAIR CASE #1	PIPE	#N/A	BEIGE	#N/A	Metal	4	4	-0.59	NEG	
76	12th FL-RM #1- STAIR CASE #1	PIPE	#N/A	BEIGE	#N/A	Metal	4	5	0.22	NEG	
77	12th FL-RM #1- STAIR CASE #1	DOOR	#N/A	BEIGE	#N/A	Metal	2	1	0.85	NEG	
78	**12th FL-RM #1- STAIR CASE #1**	**DOOR FRAME**	**#N/A**	**BROWN**	**Poor**	**Metal**	**2**	**1**	**1.72**	**POS**	
79	**12 th FL-RM #1- STAIR CASE #1**	**DOOR**	**#N/A**	**BROWN**	**Poor**	**Metal**	**3**	**1**	**1.01**	**POS**	
80	**12th FL-RM #1- STAIR CASE #1**	**DOOR FRAME**	**#N/A**	**BROWN**	**Poor**	**Metal**	**3**	**1**	**1.25**	**POS**	
81	12th FL-RM #1- STAIR CASE #1	FLOOR	#N/A	BROWN	#N/A	Concrete	1	1	0.57	NEG	
82	12th FL-RM #1- STAIR CASE #1	CEILING	#N/A	BEIGE	#N/A	Concrete	CL	1	-0.08	NEG	
83	12th FL-RM #2 Men's Bathroom	WALL	#N/A	BEIGE	#N/A	Cinderblock	1	1	0.11	NEG	
84	12th FL-RM #2 Men's Bathroom	WALL	#N/A	BEIGE	#N/A	Cinderblock	2	1	-0.45	NEG	
85	12th FL-RM #2 Men's Bathroom	WALL	#N/A	BEIGE	#N/A	Cinderblock	3	1	-0.64	NEG	
86	12th FL-RM #2 Men's Bathroom	WALL	#N/A	BEIGE	#N/A	Concrete	4	1	0.03	NEG	
87	12th FL-RM #2 Men's Bathroom	DOOR	#N/A	BEIGE	#N/A	Metal	1	1	0.72	NEG	
88	12th FL-RM #2 Men's Bathroom	DOOR FRAME	#N/A	BEIGE	#N/A	Metal	1	1	0.63	NEG	
89	12th FL-RM #2 Men's Bathroom	URINAL	#N/A	WHITE	#N/A	Ceramic	1	2	0.11	NEG	
90	12th FL-RM #2 Men's Bathroom	PIPE RISER	#N/A	WHITE	#N/A	Metal	1	1	0.04	NEG	
91	12th FL-RM #2 Men's Bathroom	PIPE RISER RETURN	#N/A	WHITE	#N/A	Metal	1	1	0.12	NEG	
92	12th FL-RM #2 Men's Bathroom	TOILET	#N/A	WHITE	#N/A	Ceramic	2	3	0	NEG	
93	**12th FL-RM #2 Men's Bathroom**	**BASEBOARD**	**#N/A**	**WHITE**	**#N/A**	**Ceramic Tile**	**4**	**4**	**4.43**	**POS**	
94	12th FL-RM #2 Men's Bathroom	FLOOR	#N/A	BEIGE	#N/A	Ceramic Tile	FL	1	0.07	NEG	
95	**12th FL-RM #2 Men's Bathroom**	**PIPE**	**#N/A**	**BEIGE**	**#N/A**	**Metal**	**4**	**2**	**17.36**	**POS**	
96	12th FL-RM #2 Men's Bathroom	CEILING	#N/A	BLACK	#N/A	Concrete	CL	1	0.02	NEG	
97	12th FL-RM #3 Open Space	WALL	#N/A	BLUE	#N/A	Cinderblock	1	1	0.13	NEG	
98	12th FL-RM #3 Open Space	WALL	#N/A	BLUE	#N/A	Cinderblock	2	1	-0.1	NEG	

NYC-WTC_000125441

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
99	12th FL-RM #3 Open Space	WALL	#N/A	BLUE	#N/A	Concrete	3	1	0.4	NEG	
100	12th FL-RM #3 Open Space	WALL	#N/A	BLUE	#N/A	Concrete	4	1	-0.17	NEG	
101	12th FL-RM #3 Open Space	COLUMN	#N/A	BLUE	#N/A	Concrete	RC	5	-0.41	NEG	
102	12th FL-RM #3 Open Space	COLUMN	#N/A	BEIGE	#N/A	Concrete	RC	9	0.02	NEG	
103	12th FL-RM #3 Open Space	PIPE-SEWAGE	#N/A	WHITE	#N/A	Metal	CL	1	0.08	NEG	
104	12th FL-RM #3 Open Space	SPRINKLER	#N/A	WHITE	#N/A	Metal	CL	9	0.05	NEG	
105	12th FL-RM #3 Open Space	CEILING	#N/A	WHITE	#N/A	Concrete	CL	1	-0.01	NEG	
106	12th FL-RM #3 Open Space	WINDOW FRAME	#N/A	BROWN	#N/A	Metal	3	11	0.3	NEG	
107	**12th FL-RM #3 Open Space**	**RADIATOR**	**#N/A**	**BLUE**	**#N/A**	**Metal**	**3**	**18**	**0.99**	**POS**	
108	12th FL-RM #3 Open Space	SECURITY GATE	#N/A	WHITE	#N/A	Metal	3	3	0.01	NEG	
109	12th FL-RM #4 Hall -2nd S/case	WALL	#N/A	GRAY	#N/A	Concrete	1	1	0.18	NEG	
110	12th FL-RM #4 Hall -2nd S/case	WALL	#N/A	WHITE	#N/A	Concrete	2	1	0.02	NEG	
111	12th FL-RM #4 Hall -2nd S/case	WALL	#N/A	GRAY	#N/A	Concrete	3	1	0	NEG	
112	12th FL-RM #4 Hall -2nd S/case	WALL	#N/A	WHITE	#N/A	Concrete	4	1	0	NEG	
113	12th FL-RM #4 Hall -2nd S/case	EXIT DOOR	#N/A	GRAY	#N/A	Metal	3	1	0.33	NEG	
114	**12th FL-RM #4 Hall -2nd S/case**	**EXIT DOOR FRAME**	**#N/A**	**GRAY**	**Poor**	**Metal**	**3**	**1**	**2.31**	**POS**	
115	**12th FL-RM #4 Hall -2nd S/case**	**DOOR**	**#N/A**	**GRAY**	**Poor**	**Metal**	**2**	**1**	**2.18**	**POS**	
116	**12th FL-RM #4 Hall -2nd S/case**	**DOOR FRAME**	**#N/A**	**GRAY**	**Poor**	**Metal**	**2**	**1**	**2.02**	**POS**	
117	12th FL-RM #4 Hall -2nd S/case	PIPE	#N/A	BLACK	#N/A	Metal	CL	2	0.01	NEG	
118	12th FL-RM #4 Hall -2nd S/case	CEILING	#N/A	BLACK	#N/A	Concrete	CL	1	-0.63	NEG	
119	**12th FL- EXTERIOR**	**WINDOW LINTEL**	**#N/A**	**BLACK**	**Poor**	**Metal**	**2**	**5**	**17.27**	**POS**	
120	**12th FL- EXTERIOR**	**Calibrate @ 1.0**	**#N/A**		**#N/A**	**#N/A**			**1.13**	**POS**	
121	**12th FL- EXTERIOR**	**Calibrate @ 1.0**	**#N/A**		**#N/A**	**#N/A**			**1.13**	**POS**	
122	11th FL-RM #1/Stair Case#1	WALL	#N/A	BEIGE	#N/A	Cinderblock	1	1	-0.09	NEG	
123	11th FL-RM #1/Stair Case#1	WALL	#N/A	BROWN	#N/A	Cinderblock	2	1	-0.09	NEG	
124	11th FL-RM #1/Stair Case#1	WALL	#N/A	BEIGE	#N/A	Cinderblock	3	1	-0.07	NEG	

NYC-WTC_000125442

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
125	11th FL-RM #1/Stair Case#1	WALL	#N/A	BROWN	#N/A	Cinderblock	4	1	-0.26	NEG	
126	11th FL-RM #1/Stair Case#1	PIPE	#N/A	BROWN	#N/A	Metal	CL	4	0.19	NEG	
127	11th FL-RM #1/Stair Case#1	PIPE	#N/A	BEIGE	#N/A	Metal	4	8	0.15	NEG	
128	11th FL-RM #1/Stair Case#1	LADDER	#N/A	BROWN	#N/A	Metal	4	1	0.31	NEG	
129	**11th FL-RM #1/Stair Case#1**	**HAND RAIL**	**#N/A**	**BROWN**	**Poor**	**Metal**	**4**	**2**	**2.37**	**POS**	
130	11th FL-RM #1/Stair Case#1	STAIR TREAD	#N/A	BROWN	#N/A	Concrete	RC	8	0.43	NEG	
131	11th FL-RM #1/Stair Case#1	FLOOR	#N/A	BROWN	#N/A	Concrete	FL	1	0.08	NEG	
132	11th FL-RM #1/Stair Case#1	CEILING	#N/A	BEIGE	#N/A	Concrete	CL	1	0.04	NEG	
133	11th FL-RM#2/Men's Bathroom	WALL	#N/A	GRAY	#N/A	Concrete	1	1	0.71	NEG	
134	11th FL-RM#2/Men's Bathroom	WALL	#N/A	GRAY	#N/A	Concrete	2	1	0.88	NEG	
135	11th FL-RM#2/Men's Bathroom	WALL	#N/A	GRAY	#N/A	Concrete	3	1	0.28	NEG	
136	**11th FL-RM#2/Men's Bathroom**	**WALL**	**#N/A**	**GRAY**	**#N/A**	**Concrete**	**4**	**1**	**1.24**	**POS**	
137	11th FL-RM#2/Men's Bathroom	PIPE	#N/A	WHITE	#N/A	Metal	4	2	0.68	NEG	
138	**11th FL-RM#2/Men's Bathroom**	**BASEBOARD**	**#N/A**	**WHITE**	**#N/A**	**Ceramic Tile**	**1**	**4**	**5.1**	**POS**	
139	11th FL-RM#2/Men's Bathroom	URINAL	#N/A	WHITE	#N/A	Ceramic	1	2	0.09	NEG	
140	11th FL-RM#2/Men's Bathroom	PIPE RISER	#N/A	GRAY	#N/A	Metal	1	1	0.62	NEG	
141	11th FL-RM#2/Men's Bathroom	PIPE RISER RETURN	#N/A	GRAY	#N/A	Metal	1	1	0.58	NEG	
142	11th FL-RM#2/Men's Bathroom	PIPE-SEWAGE	#N/A	GRAY	#N/A	Metal	1	1	0	NEG	
143	**11th FL-RM#2/Men's Bathroom**	**TOILET**	**#N/A**	**WHITE**	**#N/A**	**Ceramic**	**2**	**3**	**9.13**	**POS**	
144	11th FL-RM#2/Men's Bathroom	SINK	#N/A	WHITE	#N/A	Ceramic	3	3	0.28	NEG	
145	11th FL-RM#2/Men's Bathroom	SLOP SINK	#N/A	GRAY	#N/A	Concrete	3	1	0.05	NEG	
146	11th FL-RM#2/Men's Bathroom	CEILING	#N/A	BLACK	#N/A	Concrete	CL	1	-0.04	NEG	
147	11th FL-RM#2/Men's Bathroom	FLOOR	#N/A	WHITE	#N/A	Ceramic Tile	FL	1	0.34	NEG	
148	11th FL-RM#3/ Open Space	WALL	#N/A	GRAY	#N/A	Cinderblock	1	1	-0.31	NEG	
149	11th FL-RM#3/ Open Space	WALL	#N/A	GRAY	#N/A	Cinderblock	2	1	0.15	NEG	
150	11th FL-RM#3/ Open Space	WALL	#N/A	GRAY	#N/A	Concrete	3	1	0.17	NEG	

NYC-WTC_000125443

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
151	11th FL-RM#3/ Open Space	WALL	#N/A	GRAY	#N/A	Concrete	4	1	0.03	NEG	
152	11th FL-RM#3/ Open Space	RADIATOR	#N/A	GRAY	#N/A	Metal	4	12	0.43	NEG	
153	11th FL-RM#3/ Open Space	PIPE RISER	#N/A	GRAY		Metal	4	12	0.11	NEG	
154	11th FL-RM#3/ Open Space	PIPE RISER RETURN	#N/A	GRAY		Metal	3	12	0.16	NEG	
155	11th FL-RM#3/ Open Space	WINDOW FRAME	#N/A	GRAY		Metal	3	10	0.44	NEG	
156	11th FL-RM#3/ Open Space	COLUMN	#N/A	GRAY		Concrete	RC	14	0.11	NEG	
157	11th FL-RM#3/ Open Space	PIPE	#N/A	GRAY		Metal	CL	2	0.04	NEG	
158	11th FL-RM#3/ Open Space	SPRINKLER	#N/A	BLACK		Metal	CL	14	0.1	NEG	
159	11th FL-RM#3/ Open Space	CEILING	#N/A	BLACK		Concrete	CL	1	0.12	NEG	
160	11th FL-RM#4/Hall.-2nd S/case	WALL	#N/A	GRAY		Concrete	1	1	0.31	NEG	
161	11th FL-RM#4/Hall.-2nd S/case	WALL	#N/A	GRAY		Concrete	2	1	0.57	NEG	
162	11th FL-RM#4/Hall.-2nd S/case	WALL	#N/A	GRAY		Concrete	3	1	-0.16	NEG	
163	11th FL-RM#4/Hall.-2nd S/case	WALL	#N/A	GRAY		Concrete	4	1	0.42	NEG	
164	11th FL-RM#4/Hall.-2nd S/case	EXIT DOOR	#N/A	BROWN		Metal	3	1	2.28	POS	
165	11th FL-RM#4/Hall.-2nd S/case	EXIT DOOR FRAME	#N/A	BROWN		Metal	3	1	2.51	POS	
166	11th FL-RM#4/Hall.-2nd S/case	DOOR	#N/A	BROWN		Metal	2	1	1.8	POS	
167	11th FL-RM#4/Hall.-2nd S/case	D OOR FRAME	#N/A	BROWN		Metal	2	1	2.06	POS	
168	11th FL-RM#4/Hall.-2nd S/case	PIPE	#N/A	BROWN		Metal	CL	1	0.08	NEG	
169	11th FL-RM#4/Hall.-2nd S/case	CEILING	#N/A	BROWN		Concrete	CL	1	0.11	NEG	
170	11th FL-RM#4/Hall.-2nd S/case	DOOR FRAME	#N/A	BROWN		Metal	1	1	2.36	POS	
171	11th FL-RM#5/Ladies Bathroom	WALL	#N/A	WHITE		Concrete	1	1	1.18	POS	
172	11th FL-RM#5/Ladies Bathroom	WALL	#N/A	WHITE		Concrete	2	1	0.88	NEG	
173	11th FL-RM#5/Ladies Bathroom	WALL	#N/A	GRAY		Concrete	3	1	1.65	POS	
174	11th FL-RM#5/Ladies Bathroom	WALL	#N/A	GRAY		Concrete	4	1	1.35	POS	
175	11th FL-RM#5/Ladies Bathroom	TOILET	#N/A	WHITE		Ceramic	4	3	-0.12	NEG	
176	11th FL-RM#5/Ladies Bathroom	SINK	#N/A	WHITE		Ceramic	2	3	0.09	NEG	

NYC-WTC_000125444

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
177	11th FL-RM#5/Ladies Bathroom	PIPE RISER	#N/A	GRAY		Metal	1	1	0.1	NEG	
178	11th FL-RM#5/Ladies Bathroom	PIPE RISER RETURN	#N/A	GRAY		Metal	1	1	0.66	NEG	
179	11th FL-RM#5/Ladies Bathroom	BASEBOARD	#N/A	WHITE		Ceramic Tile	1	4	5.1	POS	
180	11th FL-RM#5/Ladies Bathroom	FLOOR	#N/A	WHITE		Ceramic Tile	FL	1	0.19	NEG	
181	11th FL-RM#5/Ladies Bathroom	PARTITION-WALL	#N/A	GRAY		Metal	RC	2	0.01	NEG	
182	11th FL-RM#5/Ladies Bathroom	DOOR	#N/A	GRAY		Metal	1	1	1.48	POS	
183	11th FL-RM#5/Ladies Bathroom	DOOR FRAME	#N/A	GRAY		Metal	1	1	1.64	POS	
184	11th FL-RM#5/Ladies Bathroom	PIPE	#N/A	BLA CK		Metal	CL	3	0.03	NEG	
185	11th FL-RM#5/Ladies Bathroom	CEILING	#N/A	BLACK		Concrete	CL	1	0.12	NEG	
186	11th FLOOR/ EXTERIOR	WINDOW LINTEL	#N/A	BLUE		Metal	2	8	5.1	POS	
187	10th FL-RM#2/Staircase #2	WALL	#N/A	BEIGE		Cinderblock	1	1	0.18	NEG	
188	10th FL-RM#2/Staircase #2	WALL	#N/A	BROWN		Cinderblock	2	1	0.21	NEG	
189	10th FL-RM#2/Staircase #2	WALL	#N/A	BEIGE		Cinderblock	3	1	0.07	NEG	
190	10th FL-RM#2/Staircase #2	WALL	#N/A	BROWN		Cinderblock	4	1	0.11	NEG	
191	10th FL-RM#2/Staircase #2	HAND RAIL	#N/A	BROWN		Metal	4	2	2.34	POS	
192	10th FL-RM#2/Staircase #2	PIPE (LARGE)	#N/A	BEIGE		Metal	CL	4	-0.05	NEG	
193	10th FL-RM#2/Staircase #2	PIPE (SMALL)	#N/A	BEIGE		Metal	CL	4	0.14	NEG	
194	10th FL-RM#2/Staircase #2	LADDER	#N/A	BEIGE		Metal	4	1	0.07	NEG	
195	10th FL-RM#2/Staircase #2	STAIR TREAD	#N/A	BROWN		Concrete	RC	8	0.63	NEG	
196	10th FL-RM#2/Staircase #2	FLOOR	#N/A	BROWN		Concrete	FL	1	-0.28	NEG	
197	10th FL-RM#2/Staircase #2	CEILING	#N/A	BEIGE		Concrete	CL	1	0.18	NEG	
198	10th FL-RM#2/Men's Bathroom	WALL	#N/A	BEIGE		Concrete	1	1	-0.33	NEG	
199	10th FL-RM#2/Men's Bathroom	WALL	#N/A	BEIGE		Concrete	2	1	-0.53	NEG	
200	10th FL-RM#2/Men's Bathroom	WALL	#N/A	BEIGE		Concrete	3	1	0.14	NEG	
201	10th FL-RM#2/Men's Bathroom	WALL	#N/A	BEIGE		Concrete	4	1	-0.21	NEG	
202	10th FL-RM#2/Men's Bathroom	URINAL	#N/A	WHITE		Ceramic	1	2	-0.36	NEG	

NYC-WTC_000125445

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Rms	[Pb] (mg/cm2)	Result	Quantity
203	10th FL-RM#2/Men's Bathroom	PIPE -SEWAGE	#N/A	BEIGE		Metal	1	2	0.01	NEG	
204	10th FL-RM#2/Men's Bathroom	PIPE RISER	#N/A	BEIGE		Metal	1	2	0.22	NEG	
205	10th FL-RM#2/Men's Bathroom	PIPE RISER RETURN	#N/A	BEIGE		Metal	1	2	0.3	NEG	
206	10th FL-RM#2/Men's Bathroom	BASEBOARD	#N/A	WHITE		Ceramic Tile	1	4	5.1	POS	
207	10th FL-RM#2/Men's Bathroom	FLOOR	#N/A	WHITE		Ceramic Tile	FL	1	0.15	NEG	
208	10th FL-RM#2/Men's Bathroom	PARTITION-WALL	#N/A	BEIGE		Metal	RC	3	0.27	NEG	
209	10th FL-RM#2/Men's Bathroom	DOOR	#N/A	BEIGE		Metal	RC	3	0.39	NEG	
210	10th FL-RM#2/Men's Bathroom	TOILET	#N/A	WHITE		Ceramic	2	3	0	NEG	
211	10th FL-RM#2/Men's Bathroom	SINK	#N/A	WHITE		Ceramic	3	3	10.6	POS	
212	10th FL-RM#2/Men's Bathroom	SLOP SINK	#N/A	GRAY		Ceramic	3	1	0.07	NEG	
213	10th FL-RM#2/Men's Bathroom	CEILING	#N/A	BLACK		Concrete	CL	1	0	NEG	
214	10th FL-RM#2/Men's Bathroom	PIPE	#N/A	BEIGE		Metal	4	2	0.31	NEG	
215	10th FL-RM#3-Open Space	WALL	#N/A	WHITE		Concrete	1	1	0.68	NEG	
216	10th FL-RM#3-Open Space	WALL	#N/A	BROWN		Cinderblock	2	1	-0.48	NEG	
217	10th FL-RM#3-Open Space	WALL	#N/A	BEIGE		Concrete	3	1	0.15	NEG	
218	10th FL-RM#3-Open Space	WALL	#N/A	BEIGE		Concrete	4	1	-0.28	NEG	
219	10th FL-RM#3-Open Space	WINDOW FRAME	#N/A	WHITE		Metal	3	6	0.05	NEG	
220	10th FL-RM#3-Open Space	RADIATOR		WHITE		Metal	3	16	0.06	NEG	
221	10th FL-RM#3-Open Space	PIPE RISER		WHITE		Metal	4	4	0.11	NEG	
222	10th FL-RM#3-Open Space	PIPE RISER RETURN		WHITE		Metal	4	4	0.05	NEG	
223	10th FL-RM#3-Open Space	COLUMN		BEIGE		Concrete	RC	12	-0.42	NEG	
224	10th FL-RM#3-Open Space	PIPE		BROWN		Metal	CL	2	0.06	NEG	
225	10th FL-RM#3-Open Space	SPRINKLER		BROWN		Metal	CL	14	0.15	NEG	
226	10th FL-RM#3-Open Space	CEILING		BROWN		Concrete	CL	1	0.13	NEG	
227	10th FL-RM#4-Hall-2nd S/case	WALL		BEIGE		Concrete	1	1	0.03	NEG	
228	10th FL-RM#4-Hall-2nd S/case	WALL		BEIGE		Concrete	2	1	-0.29	NEG	

NYC-WTC_000125446

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Friction or Impact Surface?	Color	Condition	Substrate	Location (Wall)	# Reps	[Pb] (mg/cm2)	Result	Quantity
229	10th FL-RM#4-Hall-2nd S/case	WALL		BEIGE		Concrete	3	1	0.1	NEG	
230	10th FL-RM#4-Hall-2nd S/case	WALL		BEIGE		Concrete	4	1	0.13	NEG	
231	10th FL-RM#4-Hall-2nd S/case	PIPE		BLACK		Metal	CL	2	0.08	NEG	
232	10th FL-RM#4-Hall-2nd S/case	CEILING		BLACK		Concrete	CL	1	-0.18	NEG	
233	10th FL-RM#4-Hall-2nd S/case	EXIT DOOR		BROWN		Metal	3	1	1.35	POS	
234	10th FL-RM#4-Hall-2nd S/case	EXIT DOOR FRAME		BROWN		Metal	3	1	0.52	NEG	
235	10th FL-RM#4-Hall-2nd S/case	DOOR		BROWN		Metal	2	1	0.54	NEG	
236	10th FL-RM#4-Hall-2nd S/case	DOOR FRAME		BROWN		Metal	2	1	0.44	NEG	
237		Calibrate @ 1.0							0.96	POS	
238		Calibrate @ 1.0							1.23	POS	
239	10th FL-RM#5/Ladies Bathroom	WALL		Beige		Concrete	1	1	0.15	NEG	
240	10th FL-RM#5/Ladies Bathroom	WALL		Beige		Concrete	2	1	-0.32	NEG	
241	10th FL-RM#5/Ladies Bathroom	WALL		Beige		Concrete	3	1	-0.25	NEG	
242	10th FL-RM#5/Ladies Bathroom	WALL		Beige		Concrete	4	1	-0.23	NEG	
243	10th FL-RM#5/Ladies Bathroom	PIPE RISER		Beige		Metal	1	1	0.25	NEG	
244	10th FL-RM#5/Ladies Bathroom	PIPE RISER RETURN		Beige		Metal	1	1	0.11	NEG	
245	10th FL-RM#5/Ladies Bathroom	BASEBOARD		White		Ceramic Tile	1	4	6.09	POS	
246	10th FL-RM#5/Ladies Bathroom	FLOOR		White		Ceramic Tile	FL	1	0.28	NEG	
247	10th FL-RM#5/Ladies Bathroom	PARTITION-WALL		Beige		Metal	RC	2	0.54	NEG	
248	10th FL-RM#5/Ladies Bathroom	DOOR		Beige		Metal	RC	3	0.45	NEG	
249	10th FL-RM#5/Ladies Bathroom	TOILET		White		Ceramic	4	3	5.1	POS	
250	10th FL-RM#5/Ladies Bathroom	SINK		White		Ceramic	3	3	10.9	POS	
251	10th FL-RM#5/Ladies Bathroom	PIPE-SEWAGE		Black		Metal	CL	1	0.13	NEG	
252	10th FL-RM#5/Ladies Bathroom	PIPE		Black		Metal	CL	2	0.01	NEG	
253	10th FL-RM#5/Ladies Bathroom	CEILING		Black		Concrete	CL	1	-0.22	NEG	
254	10th FLOOR / EXTERIOR	WINDOW LINTEL		White	P	Metal	4	6	10.84	POS	

NYC-WTC_000125447

NYC 9/11 Public Portal Document

Test Number	Room	Component Name	Painted or Intact Surface?	Color	Condition	Substrate	Location (Wall)	# Reads	[Pb] (mg/cm2)	Result	Quantity
255		Calibrate @ 1.0							1.21	POS	
256		Calibrate @ 1.0							1.25	POS	

NYC 9/11 Public Portal Document

APPENDIX C: LABORATORY AND PERSONNEL CERTIFICATIONS

PII

DMV# PII
EYES BRO
HAIR BLK
HGT 5' 09"

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

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

PII

PII

CLASS
D INSPECTOR

MUST BE CARRIED ON ASBESTOS PROJECTS

NYC-WTC_000125450

Big Apple Occupational Safety Corp.

505 Eighth Avenue, New York, New York 10018 Tel: 212-564-7656

This is to Certify that

PII

PII

has Successfully Completed the New York State Department of Health Approved Course entitled

ASBESTOS INSPECTOR INITIAL

This Course meets the requirements of TSCA Title II

(The official record of Successful completion is the DOH 2832 Certificate of Completion
New York State Department of Health Certificate of Asbestos Safety Training)

Course Date: 03/1-3/2004 Examination Date: 03/03/2004 **Expiration Date: 03/03/2005**

Certificate Number: 401681 Examination Grade: 88.

Training Director

Radha Reddy

NYC 9/11 Public Portal Document

If found return to:

New York City Dept. of Environmental Protection
Asbestos Control Program
59-17 Junction Blvd. 8th Floor Corona, NY 11368

This certificate must be shown to a Department representative upon request. Report Loss immediately. Renew license 60 days prior to expiration date.

Tampering and or alteration of this certificate is a CRIMINAL offense.

PII

PII

CITY OF NEW YORK

DEP

ASBESTOS CERTIFICATE

PII

PII

CERTIFICATION NUMBER

PII

FIRST NAME

PII

SOCIAL SECURITY NUMBER

PII

EXP. DATE:

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

PII

PII

DEPARTMENT OF LABOR

MUST BE CARRIED ON ASBESTOS PROJECTS

PII

DMV# PII
EYES BRO
HAIR BRO
HGT 6' 04"

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

Certification No. NY-08-042006-177

Date of Birth	Expiration Date
PII	4/30/2006

Address

PII

Badge Holder's Name

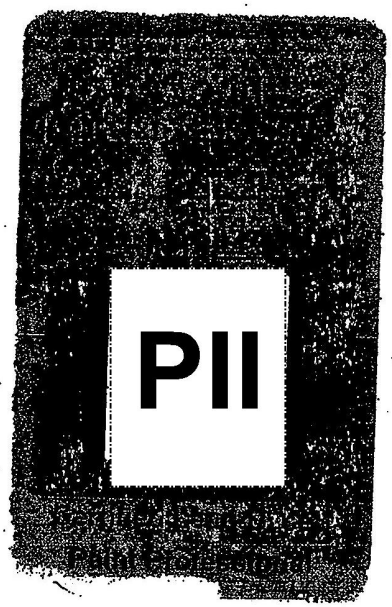
PII

Badge Holder's Signature

PII

If found, drop in any mailbox.
Postmaster: Please return to:
National Lead Service Center
801 Roeder Road, Suite 600
Silver Spring, MD 20910
or call 1-800-424-LEAD

PII



NYC-WTC_000125453

NYC 9/11 Public Portal Document

NITON LLC

Certificate of Achievement

PII

JLC Environmental Consultants

has successfully completed the Manufacturer's Training Course for the **NITON Spectrum Analyzer** *and is now certified in radiation safety and monitoring, measurement technology, and machine maintenance of the* **NITON XRF Spectrum Analyzer.**

(CIH's – The ABIH Awards 1 CM point, approval #5827)

A2090356069
Certificate Number

08/08/02 New York, NY
Date & Site of Course

OFFICIAL SEAL OF EXCELLENCE

Victoria Grzybinski
Training Coordinator

Director of Training

NYC-WTC_000125454

NYC 9/11 Public Portal Document

Certificate of Achievement

This is to certify that

PII

JLC Environmental Consultants, Inc.

on the 5th day of October 2002 successfully completed the factory training for

RMD's LPA-1 Lead Paint Inspection System

including, but not limited to, the topics of Radiation Safety and the Proper Use of the Instrument.

Jacob Paster, Vice President, RMD
44 Hunt St., Watertown, Massachusetts

NYC-WTC_000125455

NYC 9/11 Public Portal Document

NITON LLC

Certificate of Achievement

PII

JLC Environmental Consultants

has successfully completed the Manufacturer's Training Course for the **NITON Spectrum Analyzer** *and is now certified in radiation safety and monitoring, measurement technology, and machine maintenance of the* **NITON XRF Spectrum Analyzer.**

(CIH's – The ABIH Awards 1 CM point, approval #5827)

A2090356030
Certificate Number

08/08/02 New York, NY
Date & Site of Course

OFFICIAL SEAL EXCELLENCE

Victoria Grzybinski
Training Coordinator

Kenneth P. Ayers
Director of Training

NYC-WTC_000125456

NYC 9/11 Public Portal Document

Certificate of Achievement

This is to certify that

PII

JLC Environmental Consultants, Inc.

on the 5th day of October 2002 successfully completed the factory training for

RMD's LPA-1 Lead Paint Inspection System

including, but not limited to, the topics of Radiation Safety and the Proper Use of the Instrument.

Jacob Paster, Vice President, RMD
44 Hunt St., Watertown, Massachusetts

Certification No. NY-08-062006-403

Date of Birth
PII

Expiration Date
6/30/2006

Address

PII

Badge Holder's Name
PII

Badge Holder's Signature
PII

If found, drop in any mailbox.
Postmaster: Please return to:
National Lead Service Center
801 Roeder Road, Suite 600
Silver Spring, MD 20910
or call 1-800-424-LEAD

R/A

NYC-WTC_000125458

NYC 9/11 Public Portal Document

NITON LLC

Certificate of Achievement

PII

JLC Environmental Consultants

has successfully completed the Manufacturer's Training Course for the **NITON Spectrum Analyzer** *and is now certified in radiation safety and monitoring, measurement technology, and machine maintenance of the* **NITON XRF Spectrum Analyzer.**

(CIH's – The ABIH Awards 1 CM point, approval #5827)

A2090356030
Certificate Number

08/08/02 New York, NY
Date & Site of Course

Victoria Grzybinski
Training Coordinator

Director of Training

STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
License and Certificate Unit
BUILDING 12, STATE CAMPUS
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

LICENSE NUMBER: PII
DATE OF ISSUE: **April 21, 2004**
EXPIRATION DATE: **April 30, 2005**

Contractor: **JLC Environmental Consultants, Inc.**

Address: **200 Park Avenue South - Suite 1001**
New York NY 10003

Duly Authorized Representative: **JENNIFER L. GAREY**

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

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

Anthony Germano, Acting Director
FOR THE COMMISSIONER OF LABOR

SH 432 (6-03)

NYC 9/11 Public Portal Document

NYC-WTC_000125459

NYC 9/11 Public Portal Document

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Wadsworth Center The Governor Nelson A. Rockefeller Empire State Plaza P.O. BOX 509 Albany, New York 12201-0509

Antonia C. Novello, M.D., M.P.H., Dr.P.H.
Commissioner

Dennis P. Whalen
Executive Deputy Commissioner

LAB ID: 11029

April 01, 2004

MS. JENNIFER CAREY
JLC ENVIRONMENTAL CONSULTANTS INC
200 PARK AVE SO - SUITE 1001
NEW YORK NY 10003

Certificate Expiration Date: April 01, 2005

Dear Ms. Carey,

Enclosed are the ELAP and/or NELAP Certificate(s) of Approval issued to your environmental laboratory for the current permit year. The Certificate(s) supersede any previously issued and are in effect through the expiration date listed above. Please carefully examine the Certificate(s) to insure that the categories, subcategories, analytes and methods for which your laboratory is approved are listed correctly, as well as verifying your laboratory's name, address, lead technical director and identification number.

Pursuant to regulation (Part 55-2 NYCRR), original certificates must be posted conspicuously in the laboratory and shall, upon request, be made available to any client of the laboratory. Certificates remain the property of the New York State Department of Health and must be surrendered promptly on demand.

Please note, pursuant to Section 55-2.5(a) NYCRR, any misrepresentation of the Fields of Accreditation (Matrix - Method - Analyte) for which your laboratory is approved may result in denial, suspension, or revocation of your certification. Any use of the ELAP or NELAP name, reference to the laboratory's approval status and/or using the NELAC/NELAP logo in any catalogs, advertising, business solicitations, proposals, quotations, laboratory analytical reports or other materials must include the laboratory's ELAP identification number, and must distinguish between proposed testing for which the laboratory is approved and the proposed testing for which the laboratory is not approved.

Please notify the ELAP office of any changes you feel need to be made to your Certificate(s). We may be reached via email to elap@health.state.ny.us or by calling (518) 485-5570.

Sincerely,

Joyce Reilly

Administrative Assistant
Environmental Laboratory
Approval Program

NYC-WTC_000125460

NYC 9/11 Public Portal Document

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.d., M.p.h., Dr.p.h.

Expires 12:01 AM April 01, 2005
Issued April 01, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. JENNIFER CAREY
JLC ENVIRONMENTAL CONSULTANTS INC
200 PARK AVE SO - SUITE 1001
NEW YORK NY 10003 United States

NY Lab Id No: 11029
EPA Lab Code: NY01330

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

Wastewater Metals I

Lead, Total	EPA 239.2

Serial No.: 22642

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 and may be verified by calling (518) 485-5570.

DOH-3317 (3/97)

Page 1 of 1

NYC 9/11 Public Portal Document

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.d., M.p.h., Dr.p.h.

Expires 12:01 AM April 01, 2005
Issued April 01, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. JENNIFER CAREY
JLC ENVIRONMENTAL CONSULTANTS INC
200 PARK AVE SO - SUITE 1001
NEW YORK NY 10003 United States

NY Lab Id No: 11029
EPA Lab Code: NY01330

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
Lead in Dust Wipes	APP. 14.2, HUD JUNE 1995
Lead in Paint	SW-846 7420

Serial No.: 22643

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 and may be verified by calling (518) 485-5570.

DOH-3317 (3/97)

Page 1 of 1

NYC 9/11 Public Portal Document

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.d., M.p.h., Dr.p.h.

Expires 12:01 AM April 01, 2005
Issued April 01, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. JENNIFER CAREY
JLC ENVIRONMENTAL CONSULTANTS INC
200 PARK AVE SO - SUITE 1001
NEW YORK NY 10003 United States

NY Lab Id No: 11029
EPA Lab Code: NY01330

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

Metals I	
Lead, Total	EPA 239.2
Miscellaneous Air	
Fibers	NIOSH 7400 A RULES

Serial No.: 22644

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 and may be verified by calling (518) 485-5570.

DOH-3317 (3/97)

Page 1 of 1

NYC 9/11 Public Portal Document

STATE OF NEW YORK
DEPARTMENT OF LABOR
Division of Safety & Health
Radiological Health Unit
Governor W. Averell Harriman State Office Building Campus
Building 12, Room 169
Albany, New York 12240

August 14, 2003

Gulam Machhiwla, RSO
JLC Environmental Consultants
200 Park Avenue South
Suite 1001
New York, NY 10003

License: PII
Reference: 1
Amendment: 6
DL 03-241

Dear Mr. Machhiwala:

Enclosed is the renewal for New York State Department of Labor Radioactive Materials License number **2944-4178**, authorizing the possession of radioactive materials in the types and amounts specified for the uses indicated. All activities conducted under this license shall be governed by the provisions of Industrial Code Rule 38 (12 NYCRR 38) and by the specific conditions of the license. You should read these documents carefully to familiarize yourself with all applicable requirements including any statements, representations and procedures contained in documents specified in License Condition 20, to which you have committed as part of the licensing review process. These requirements should also be included in the initial and annual refresher training provided to all employees who use licensed material.

Please note especially License Condition 18 that requires you and your workers to report accidents and incidents involving gauges to this office immediately by telephone. Also note that Condition 19 requires you to properly maintain gauges, and to prevent their abuse or mishandling.

Also enclosed are two Notices to Licensees, dated February 14, 1994, and December 10, 1997, regarding the storage and security of portable gauges, and the prevention of accidents through adequate training and maintenance. The information contained in them is intended to assist licensees in the safe use of portable radiation devices.

Please note that although this license does not limit the number of devices you may possess, it was issued contingent upon your commitment to provide adequate storage facilities. At no time should the number of such devices exceed your storage capacity, and if storage capacity is added in the future to accommodate additional devices, it must provide at least the same level of safety and security.

NYC 9/11 Public Portal Document

Your program will be evaluated periodically by inspectors from the Radiological Health Unit. If you have any questions please do not hesitate to contact this office.

Sincerely,

William T. Varcasio

William T. Varcasio
Associate Radiophysicist

Enclosure: Renewal

NYC 9/11 Public Portal Document

STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

RADIOACTIVE MATERIALS LICENSE

DL 03-241

PURSUANT TO THE LABOR LAW AND INDUSTRIAL CODE RULE 38, AND IN RELIANCE ON STATEMENTS AND REPRESENTATIONS HERETOFORE MADE BY THE LICENSEE DESIGNATED BELOW, A LICENSE IS HEREBY ISSUED AUTHORIZING SUCH LICENSEE TO RECEIVE, POSSESS, USE AND TRANSFER RADIOACTIVE MATERIALS(S) DESIGNATED BELOW; AND TO USE SUCH RADIOACTIVE MATERIALS FOR THE PURPOSE(S) AND AT THE PLACE(S) DESIGNATED BELOW. THIS LICENSE IS SUBJECT TO ALL APPLICABLE RULES, REGULATIONS, AND ORDERS NOW OR HEREAFTER IN EFFECT OF ALL APPROPRIATE REGULATORY AGENCIES AND TO ANY CONDITIONS SPECIFIED BELOW.

1. NAME OF LICENSEE	FEIN: PII	3. LICENSE NUMBER
JLC Environmental Consultants	PHONE:(212)420-8119	PII
		4. EXPIRATION DATE: September 30, 2006
2. ADDRESS OF LICENSEE		5a. REFERENCE NO. 1 / b. AMENDMENT NO. 6
200 Park Avenue South, Suite 1001 New York, NY 10003		

6. Radioactive materials (element in mass number)	7. Chemical and/or physical form	8. Maximum quantity licensee may possess at any one time
A. Cobalt 57	A. Sealed Source	A. See Condition 9
B. Cadmium 109	B. Sealed Source	B. See Condition 9

9. Authorized use.
Conditions 6.A and 6B:

1. The licensee is authorized to use any sealed source, or associated portable x-ray fluorescence device which has been manufactured and distributed in accordance with a specific license issued by an Agreement State or the United States Nuclear Regulatory Commission. Combinations of sources and devices must be compatible for use as stated in a Sealed Source and Device Registration Certificate (i.e. stated in the registration certificate for the souree or device).

2. No single source may exceed the maximum activity specified for that nuclide in the Sealed Source and Device Registration Certificate for any device in which the source is to be used.

3. Only portable x-ray fluorescence devices which require continuous activation by the operator, and which incorporate a mechanism to automatically return the source to its shielded position (e.g., a "dead-man" switch) may be obtained and used under this license. Devices which rely upon positive action by the operator to shield the source, such as operation of a key switch, or which do not require continuous operator activation during exposure, are not authorized under this license.

NYC-WTC_000125466

NYC 9/11 Public Portal Document

STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

RADIOACTIVE MATERIALS LICENSE

3. License Number PII **5a. Ref. No.** 1 **b. Amend. No.** 6

10. A. Licensed material shall be stored at the location indicated in Condition 2 and may be used at temporary job sites of the licensee anywhere within the State of New York, where the Department of Labor exercises jurisdiction.

B. Overnight storage at other locations shall be in accordance with statements referenced in Condition 20. of the license, provided that such storage may not be in a residence, or in an attached garage except within a vehicle. Any vehicle used for storage shall be driven only for purposes associated with use or transport of the contained radioactive material, by a person qualified to use the material, and no passengers shall be carried unless they are also involved in work under this license. Vehicular storage shall only be allowed if no other storage is possible and shall not exceed five (5) consecutive nights unless authorization to exceed this limit is obtained from the Department.

C. Under no circumstances shall radioactive material authorized by this license be transferred to the custody of any person or firm other than the licensee, or be used or stored by another person or firm or its employees; unless that person or firm possesses a valid license to possess and use such radioactive material.

11. Licensed material shall be used by, or under the supervision of, Gulam Machhiwala (Radiation Safety Officer), by licensee personnel trained and certified by the manufacturer. The licensee shall maintain a complete and accurate record of the qualifications of each person permitted to use radiation sources under this license.

12. Sealed sources containing radioactive materials shall not be opened or removed from devices.

13. A. The licensee is not authorized to dismantle, repair or affect any changes in the source holders/devices.

B. The licensee shall not alter labels attached to source holders or devices, and shall maintain labels in legible condition at all times.

14. The licensee shall instruct persons who engage in work under the license, in accordance with section 38.27(c) of Code Rule 38. Such instruction shall include the licensee's operating and emergency procedures, and other information contained in documents incorporated in Condition 20.

15. The licensee shall conduct a physical inventory every six (6) months to account for all devices received and possessed under the License. The records of the inventories shall be maintained for three (3) years from the date of the inventory for inspection by the Department, and shall include the quantities and kinds of licensed material, Manufacturer's Name and Model No., location of devices, the date of the inventory and the name of the person who performed it.

NYC-WTC_000125467

NYC 9/11 Public Portal Document

STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

RADIOACTIVE MATERIALS LICENSE

3. License Number PII **5a. Ref. No.** 1 **b. Amend. No.** 6

16. A. The licensee shall maintain a utilization log containing the identification of devices used, dates removed and returned to storage, the location of use, and the identity of user.

B. The log shall be kept at the location of storage and shall contain sufficient detail to enable the licensee to inform the Department at any time, of the exact location of each device.

17. Current copies of the following documents shall be maintained at temporary job sites for Department inspection:

A. The manufacturer's instruction manual and the licensee's operating and emergency procedures.

B. A copy of the results of the latest test for leakage and/or contamination performed on the sealed sources.

18. In the event that a theft, loss or other serious incident does occur, the Department shall be notified immediately by telephone and subsequent information acquired by the licensee shall be reported as it is received. All device users must carry the NYSDOL's current telephone number in their emergency procedures.

19. The licensee shall ensure that all persons authorized to use portable devices comply with safe use and maintenance procedures and that they do not leave a device unattended or unsecured at any time, even for a few minutes.

20. Except as specifically provided otherwise in this License, the licensee shall conduct its program in accordance with the statements, representation and procedures contained in the documents, including any enclosures, listed below. The Department's Regulations shall govern, unless the statements, representation and procedures in the licensee's application and correspondence are more restrictive than the Regulations.

A. Application dated February 9, 2000, signed by Jennifer L. Carey, President, with attachments.
B. Letter dated April 24, 2001, signed by Al Waller, RSO, with attachments.
C. Letter dated September 28, 2001, signed by Karen Burton with attachments.
D. Letter dated November 1, 2001, signed by Karen Burton with attachments.
E. Letter dated January 18, 2002, signed by Karen Burton with attachments.
F. Letter dated March 29, 2002, signed by Karen Burton with attachments.
G. License Renewal Request dated August 8, 2003, signed by Jennifer Carey, with attachments.

Linda Angello
COMMISSIONER OF LABOR

by: Charles J. Burns
Associate Radiophysicist

DATE: 8/14/03
WTV:msw

SH-243 W (4-91)

NYC-WTC_000125468

NYC 9/11 Public Portal Document

POSTING REQUIREMENT: COPIES OF THIS NOTICE MUST BE POSTED WHERE EMPLOYEES, WORKING IN OR FREQUENTING ANY PORTION OF THE CONTROLLED AREAS, CAN OBSERVE A COPY ON THE WAY TO OR FROM THEIR PLACE OF EMPLOYMENT.

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

RADIOLOGICAL HEALTH UNIT
STATE CAMPUS, BUILDING 12
ALBANY, NEW YORK 12240

NOTICE TO EMPLOYEES

STANDARDS FOR PROTECTION AGAINST RADIATION

WHAT THESE STANDARDS COVER

1. Limits on exposure to radiation and radioactive material in controlled and uncontrolled areas:
2. Instructions to be given to workers:
3. Personnel monitoring, surveys and equipment:
4. Caution signs, labels, and safety interlock equipment:
5. Exposure records and reports: and
6. Related matters.

RADIATION EXPOSURE

If you work where personnel monitoring equipment is required, the New York State Department of Labor requires your employer to provide you with an annual written report of your exposure to radiation. Also, you may request a report at the time that you terminate employment. The New York State Department of Labor also requires your employer to give you a written report if you receive any exposure in excess of the limits set for occupational exposure

YOUR EMPLOYER'S RESPONSIBILITY

The possession and use of radiation sources for industrial and commercial purposes in New York State is regulated by the Radiological Health Unit of the New York State Department of Labor, under "Ionizing Radiation Protection" (Code Rule 38).

The Department requires that:

1. all significant radiation sources in this installation be either registered or licensed: and
2. a copy of the applicable regulations, the license and/or registration and specific operating procedures which apply to the workers be posted or otherwise be available to every worker in a controlled area, and relevant provisions be explained to the workers.

YOUR RESPONSIBILITY AS A WORKER

You should familiarize yourself with the provisions of Code Rule 38, and the license and registration and operating procedures which apply to the work in which you are engaged. You should observe these provisions for your own protection and the protection of your co-workers.

INSPECTIONS AND COMPLAINTS

All activities licensed by the Department of Labor's Radiological Health Unit, are inspected on a regular basis by specialists from the unit. Also, any employee who believes that a violation or an imminent danger exists may request an inspection by calling the number listed under "Inquiries" below. Your identity will be protected at your request.

RETALIATION FOR COMPLAINTS

State law protects you from retaliatory personnel actions by your employer, if you follow its provisions. Contact the office listed below under "Inquiries" for a copy of the law.

INQUIRIES

Any questions dealing with the matter outlined above can be directed to the State of New York, Department of Labor, Division of Safety and Health, Radiological Health Unit, State Campus – Building 12, Albany, NY 12240, or by calling the Unit at (518) 457-1202.

THE RADIATION SAFETY OFFICER FOR THIS INSTALLATION IS: _____

HE OR SHE MAY BE CONTACTED AT THE FOLLOWING NUMBER: _____

CODE RULE 38, THE INSTALLATION'S LICENSE OR REGISTRATION, AND THE OPERATING PROCEDURES ARE LOCATED AT: _____

NYC-WTC_000125469

STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
License and Certificate Unit
BUILDING 12, STATE CAMPUS
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

LICENSE NUMBER: [redacted]
DATE OF ISSUE: **April 21, 2004**
EXPIRATION DATE: **April 30, 2005**

Contractor: **JLC Environmental Consultants, Inc.**

Address: **200 Park Avenue South - Suite 1001**
New York NY 10003

Duly Authorized Representative: **JENNIFER H. CAREY**

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

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

Anthony Germano, Acting Director
FOR THE COMMISSIONER OF LABOR

SH 432 (6-03)

NYC 9/11 Public Portal Document

NYC-WTC_000125470

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC 17025:1999
ISO 9002:1994

Certificate of Accreditation

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

JLC ENVIRONMENTAL CONSULTANTS, INC.

NEW YORK, NY

is recognized by the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria set forth in NIST Handbook 150:2001, all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994. Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

September 30, 2004

Effective through

For the National Institute of Standards and Technology
NVLAP Lab Code: 101953-0

NVLP-01C ( )

NYC 9/11 Public Portal Document

NYC-WTC_000125471

NYC 9/11 Public Portal Document

National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

BULK ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 101953-0**

JLC ENVIRONMENTAL CONSULTANTS, INC.
200 Park Avenue South, Suite 1001
New York, NY 10003
Ms. Jennifer Carey
Phone: 212-420-8119 Fax: 212-420-6092
E-Mail: JLCenviron@aol.com

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

September 30, 2004

Effective through

For the National Institute of Standards and Technology

NVLAP-01S (06-01)

NYC-WTC_000125472

NYC 9/11 Public Portal Document

UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-

September 2, 2003

Ms. Jennifer Carey
JLC Environmental Consultants, Inc.
200 Park Avenue South, Suite 1001
New York, NY 10003

NVLAP Lab Code: 101953-0

Dear Ms. Carey:

I am pleased to inform you that continuing accreditation for specific test methods in Bulk Asbestos Fiber Analysis (PLM) is granted to your organization under the National Voluntary Laboratory Accreditation Program (NVLAP). This accreditation is effective until September 30, 2004, provided that your organization continues to comply with accreditation requirements contained in the NVLAP Procedures.

Your Certificate of Accreditation is enclosed along with a statement of your Scope of Accreditation. You may reproduce these documents in their entirety and announce your organization's accreditation status using the NVLAP logo in business publications, the trade press, and other business-oriented literature. Accreditation does not relieve your organization from observing and complying with any applicable existing laws and/or regulations.

We are pleased to have you participate in NVLAP and look forward to your continued association with this program. If you have any questions concerning your NVLAP accreditation, please direct them to Thomas R. Davis, Sr. Program Manager, Laboratory Accreditation Program, National Institute of Standards and Technology, 100 Bureau Dr. Stop 2140, Gaithersburg, MD 20899-2140; (301) 975-4016.

Sincerely,

Warren R. Merkel, Chief
Laboratory Accreditation Program

Enclosure(s)

NIST

United States Environmental Protection Agency

This is to certify that:

JLC Environmental Consultants, Inc.

200 Park Avenue South, Ste. 1001
New York, NY 10003

has fulfilled the requirements of the Toxic Substances Contol Act (TSCA) Section 402(a)(1), and has received certification as a firm, pursuant to 40 CFR Part 745.226 to conduct lead-based paint activities:

Jurisdiction: State of New York excluding Indian Tribes

This certification is valid from the date of issuance and expires February 3, 2006

Certification # NY-07-022006-988 Issued on: March 6, 2003

Kenneth S. Stoller, P.E., QEP, DEE, Chief
Pesticides & Toxic Substances Branch

NYC 9/11 Public Portal Document

NYC-WTC_000125474

NYC 9/11 Public Portal Document

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.d., M.p.h., Dr.p.h.

Expires 12:01 AM April 01, 2005
Issued April 01, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. JOSE ARRIAGA
EMSL ANALYTICAL INC OF NYC
307 WEST 38TH STREET
NEW YORK NY 10018 United States

NY Lab Id No: 11506
EPA Lab Code: NY01204

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:

Characteristic Testing	
TCLP	SW-846 1311
Miscellaneous	
Asbestos in Friable Material	EPA 600/M4/82/020
Asbestos in Non-Friable Material	ITEM 198.4 OF MANUAL
Lead in Paint	SW-846 7420

Serial No.: 22989

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 and may be verified by calling (518) 485-2370.

DOH-2519 (3/97)

Page 1 of 1

NYC-WTC_000125475

NYC 9/11 Public Portal Document

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.d., M.p.h., Dr.p.h.

Expires 12:01 AM April 01, 2005
Issued April 01, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. JOSE ARRIAGA
EMSL ANALYTICAL INC OF NYC
307 WEST 38TH STREET
NEW YORK NY 10018 United States

NY Lab Id No: 11506
EPA Lab Code: NY01204

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 APX A No. III
	YAMATE,AGARWAL GIBB
Fibers	40 CFR 763.121 APX B
	NIOSH 7400 A RULES

Serial No.: 22991

Property of the New York State Department of Health. Valid only at the address shown. [illegible] be conspicuously posted. Valid certificates have a raised seal and may be [illegible]ed by calling (518) 485-5570.

DOH-3317 (3/97)

Page 1 of 1

NYC-WTC_000125476

NYC 9/11 Public Portal Document

National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

AIRBORNE ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 101048-9**

EMSL ANALYTICAL, INC.
307 W. 38th Street
New York, NY 10118
Jose Arriaga
Phone: 212-290-0051 Fax: 212-290-0058
E-Mail: sslegel@emsl.com
URL: http://www.emsl.com

NVLAP Code	*Designation*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

June 30, 2004
Effective through

For the National Institute of Standards and Technology

NVLAP-01S (06-01)

NYC 9/11 Public Portal Document

National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

BULK ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-9

EMSL ANALYTICAL, INC.
307 W. 38th Street
New York, NY 10118
Jose Arriaga
Phone: 212-290-0051 Fax: 212-290-0058
E-Mail: ssiegel@emsl.com
URL: http://www.emsl.com

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

June 30, 2004

Effective through

For the National Institute of Standards and Technology

NVLAP-01S (08-01)

NYC-WTC_000125478

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC 17025:1999
ISO 9002:1994

Certificate of Accreditation

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

EMSL ANALYTICAL, INC.
NEW YORK, NY

is recognized by the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria set forth in NIST Handbook 150:2001, all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994. Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 2004
Effective through

For the National Institute of Standards and Technology
NVLAP Lab Code: 101048-9

NVLAP-01C (06-01)

NYC 9/11 Public Portal Document

NYC-WTC_000125479

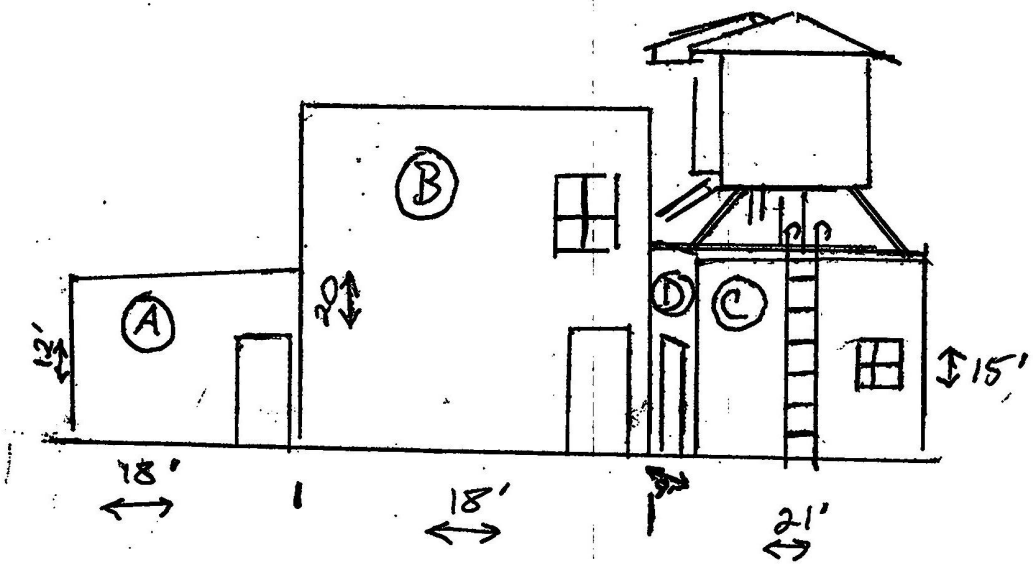
NYC 9/11 Public Portal Document

APPENDIX D: ASBESTOS SAMPLE LOCATION PLANS

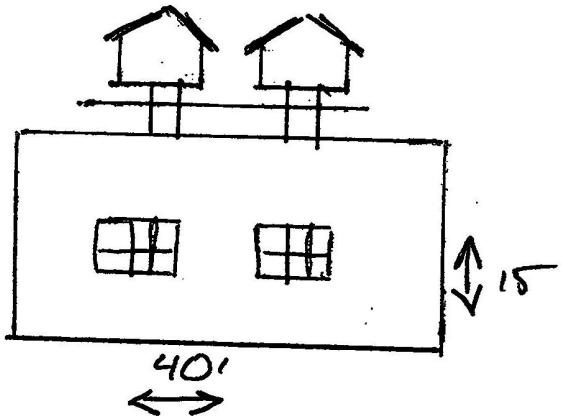
NYC-WTC_000125481

NYC 9/11 Public Portal Document

South elevation



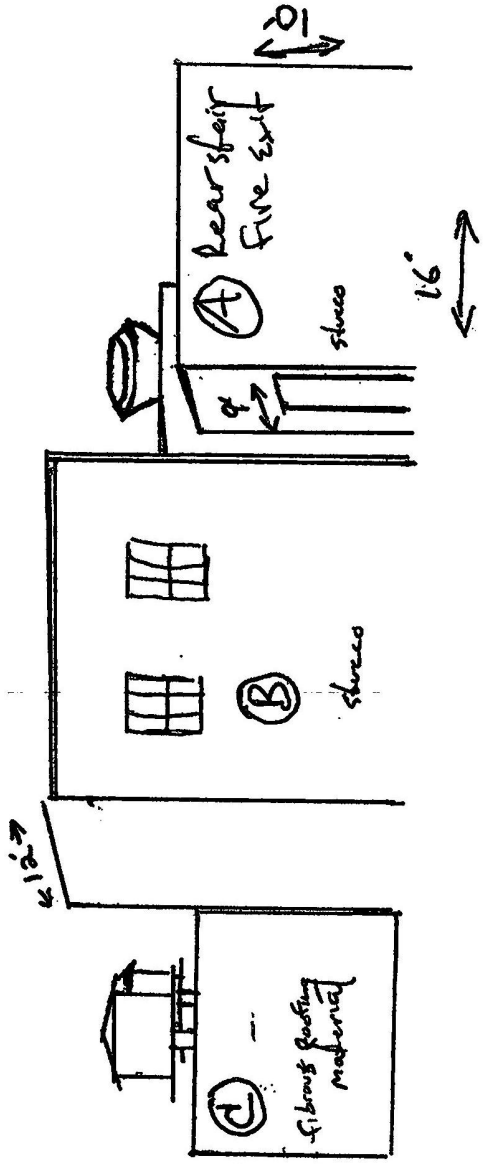
EAST elevation



A: stairwell Bulk head "Main stairwell"
B: Mech, Elevator + office
C: water Heater/Tank Room
D: "

12th fl Bathroom Bathroom Locked
7th fl Bathroom South - Locked

North elevation



NYC-WTC_000125483

NYC 9/11 Public Portal Document

OF 10

A

04-3271

GROUND / First Floor.

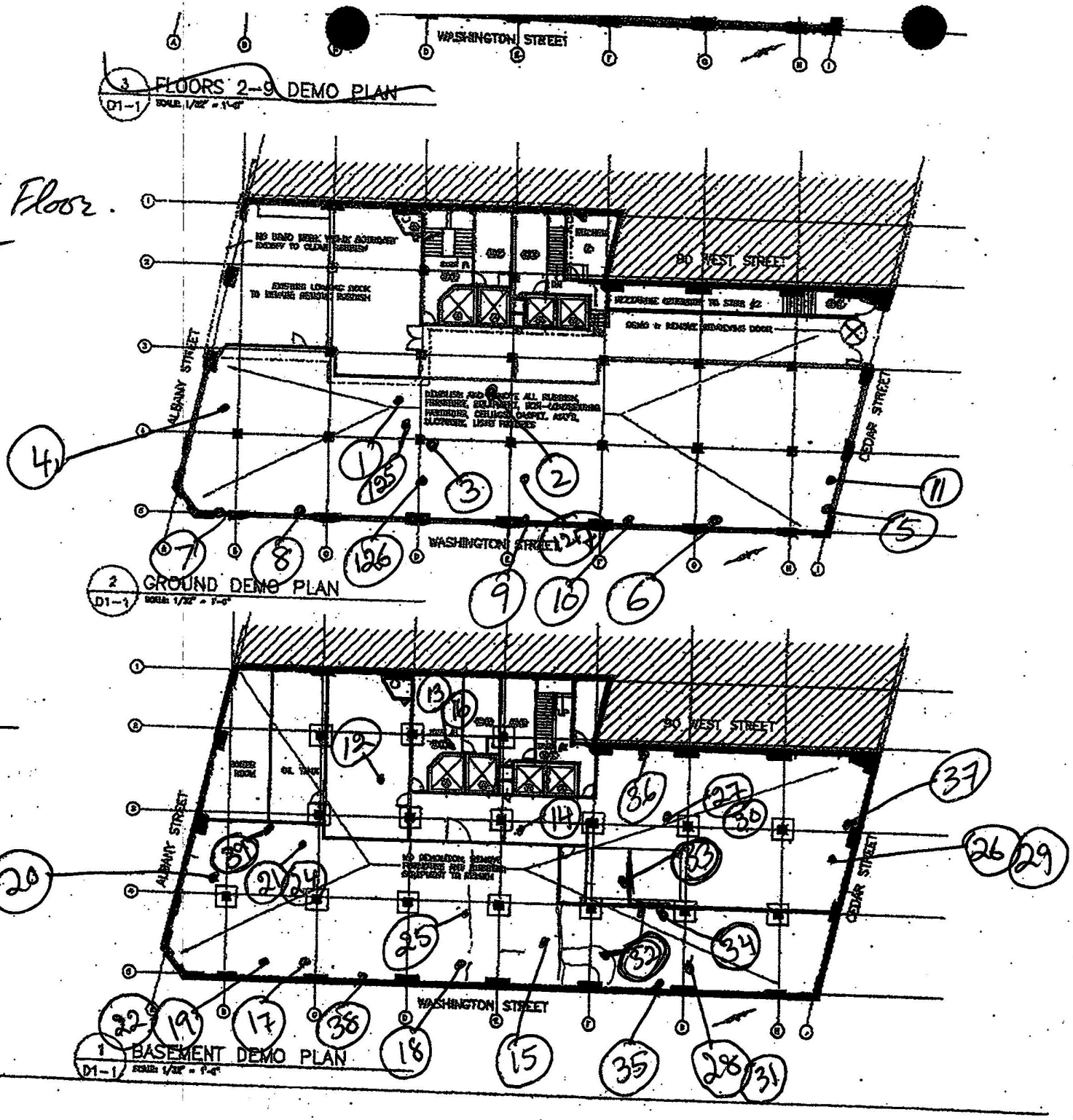
130 CEDAR ST

N.Y.

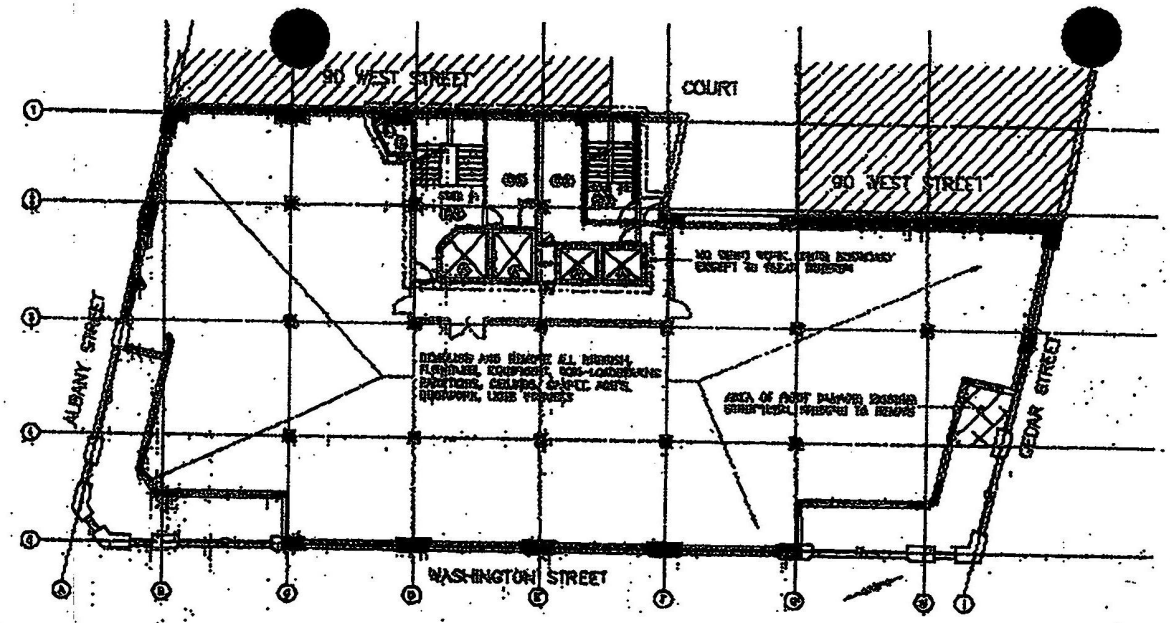
3-23-04

M·N·KHAN

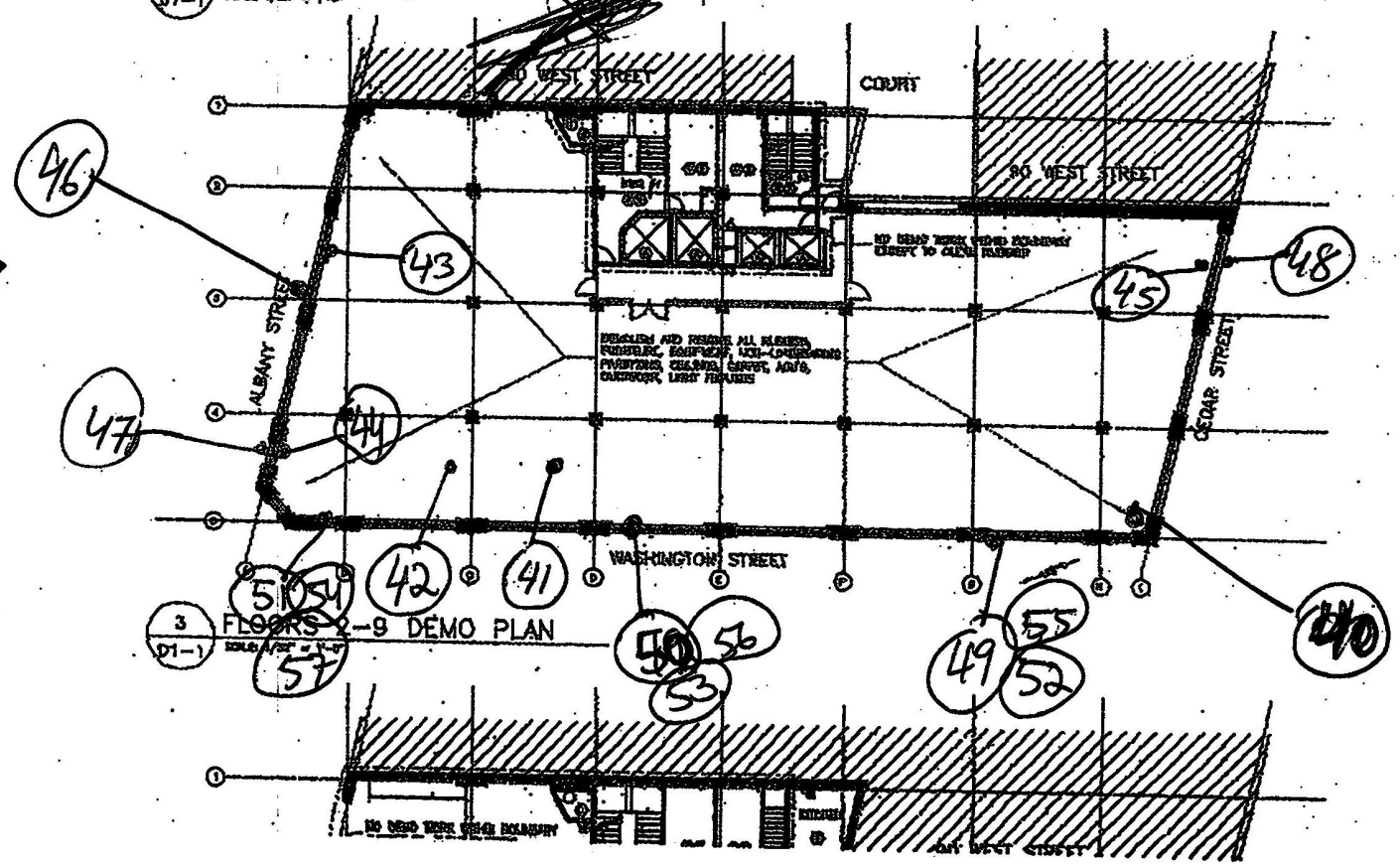
~~Ground / 1st Floor~~



04-3271
130 CEDAR ST
NY,
3-23-04
M-N-KHAN



4 D1-1 10TH FLOOR DEMO PLAN



3 D1-1 FLOORS 2-9 DEMO PLAN

2nd Floor

A

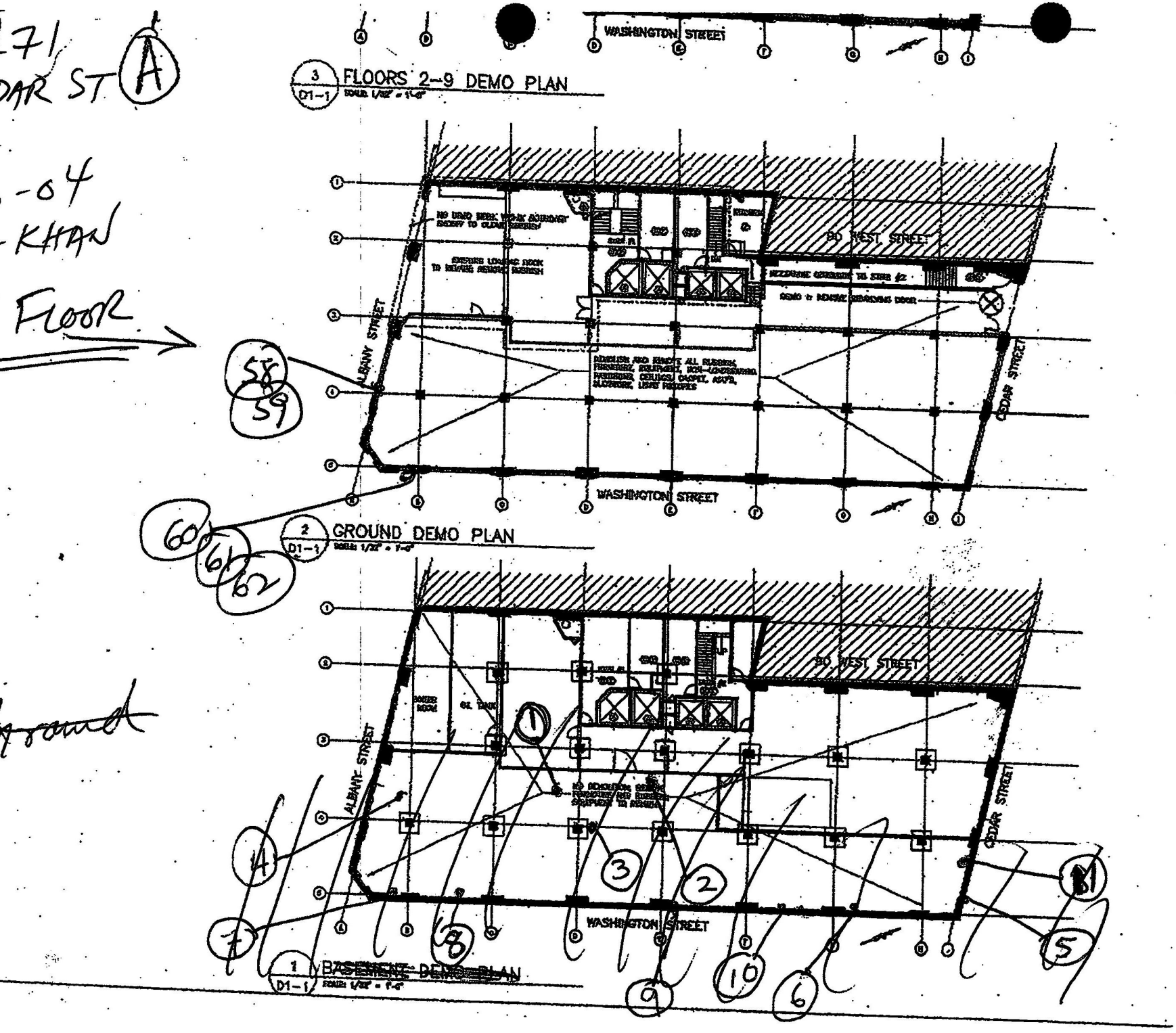
NYC-WTC_000125485

NYC 9/11 Public Portal Document

.04-3271
130 CEDAR ST (A)
NY
3-23-04
M-N-KHAN

Bsd Floor

Ground



NYC-WTC_000125486

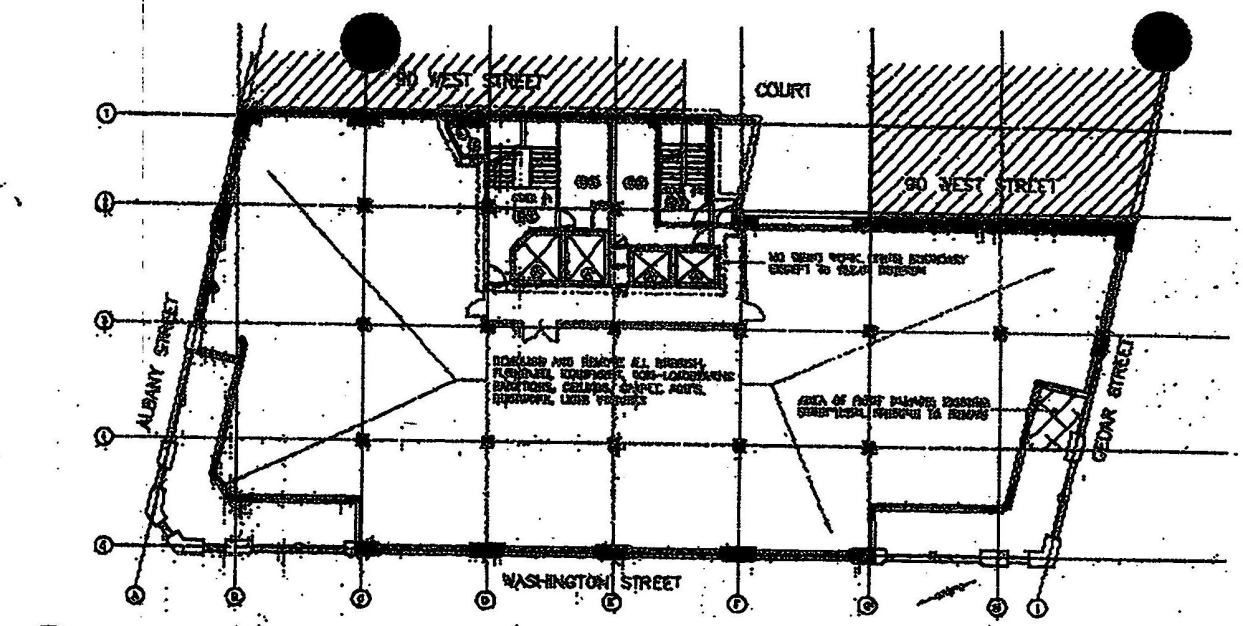
04-3271.

130 CEDAR ST.

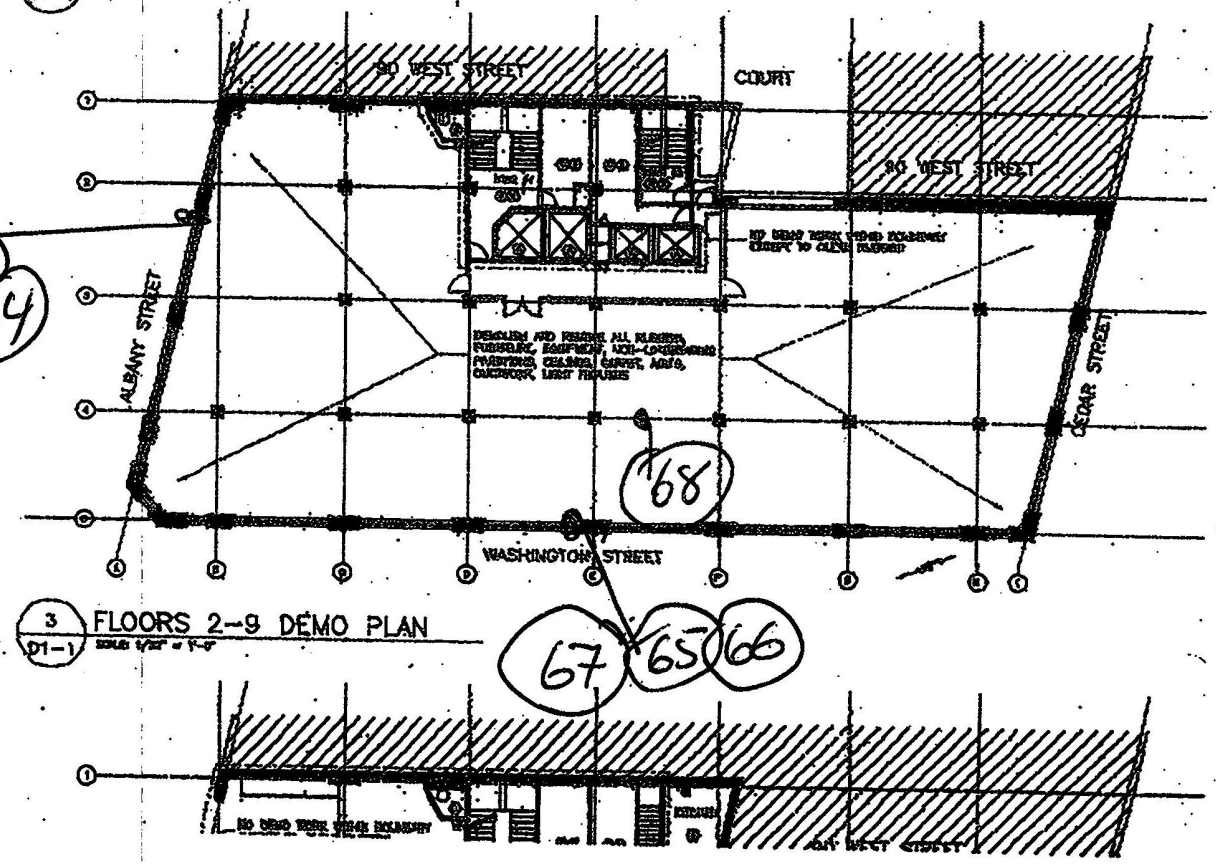
NY.

3.23-04

M.N. KHAN



4 / D1-1 10TH FLOOR DEMO PLAN



3 / D1-1 FLOORS 2-9 DEMO PLAN

4th

A

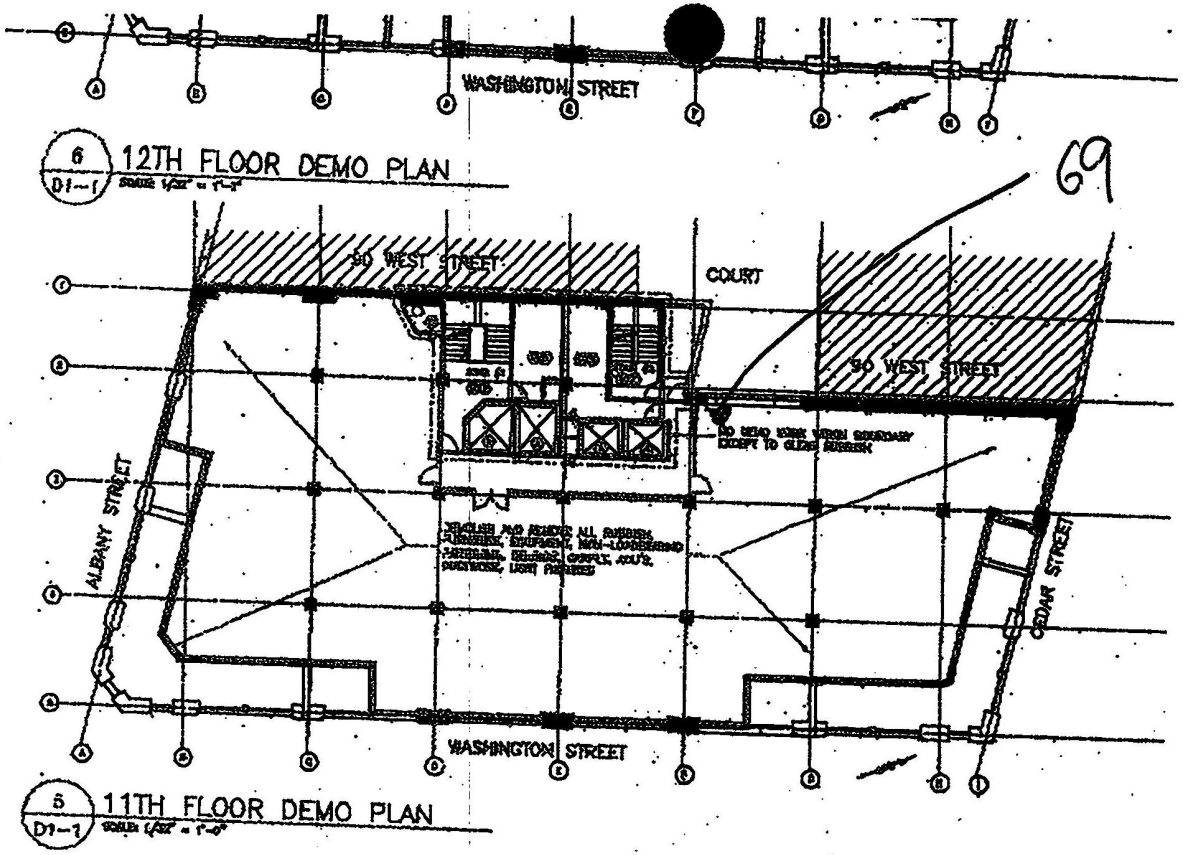
NYC 9/11 Public Portal Document

NYC-WTC_000125487

B

5 OF 10

5th Floor



04-3271

130 CEDAR ST

NY

3-23-04

M-N-KHAN

SIGN & SEAL

TYPE-WRITTEN SPECIFICATION IS PART OF CONTRACT DOCUMENTS

130 CEDAR STREET
NEW YORK, NEW YORK

INTERIOR DEMOLITION
PHASE 1

OWNER
CEDAR & WASHINGTON STREET ASSOCIATES, LLC

ARCHITECT
KOHN ASSOCIATES

STRUCTURAL ENGINEERS
SILVERMAN ASSOCIATES

MECHANICAL ENGINEERS:
LORINO

FLOOR PLAN

SCALE AS SHOWN

DRAWING NUMBER D1_1

NYC 9/11 Public Portal Document

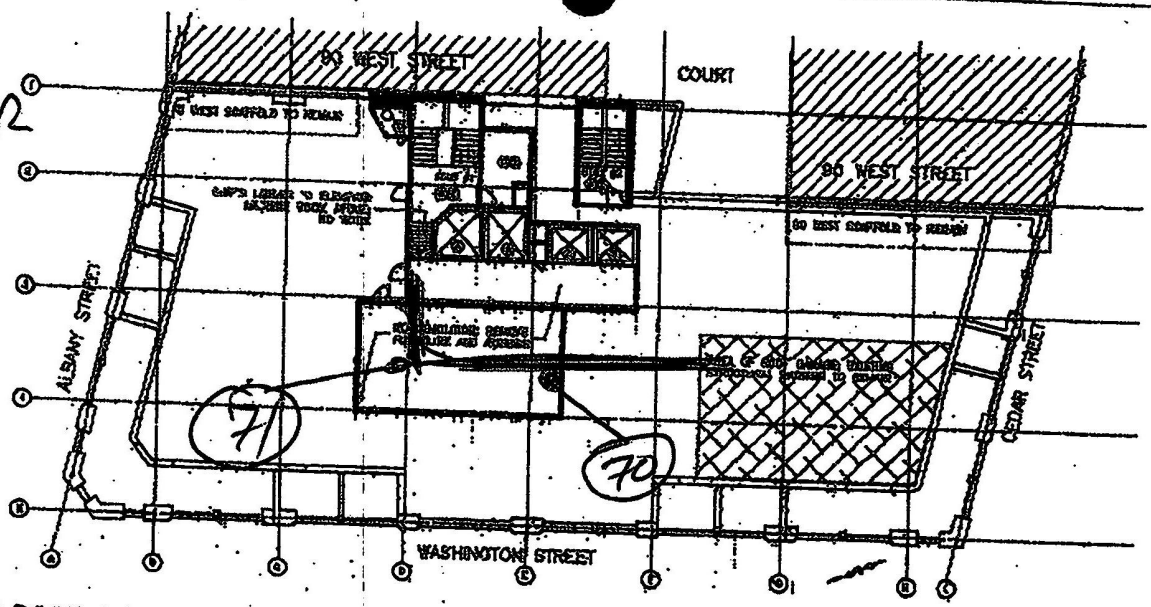
NYC-WTC_000125488

NYC 9/11 Public Portal Document

6 OF 10

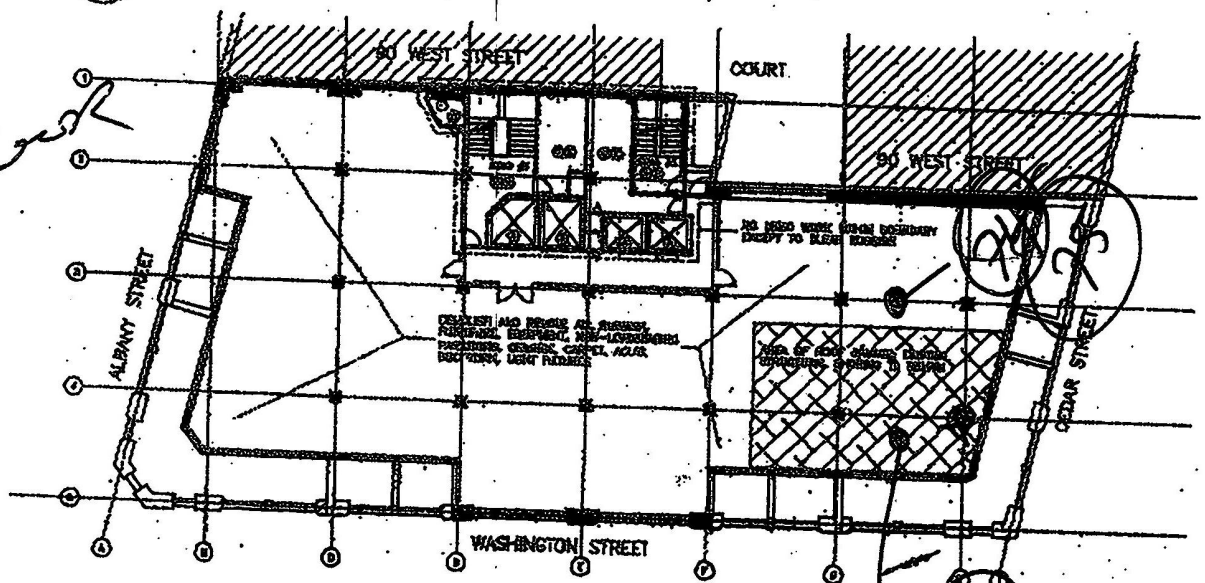
6th Floor

04-3271
130 CEDAR ST
NY
3-23-04
M. N. KHAN

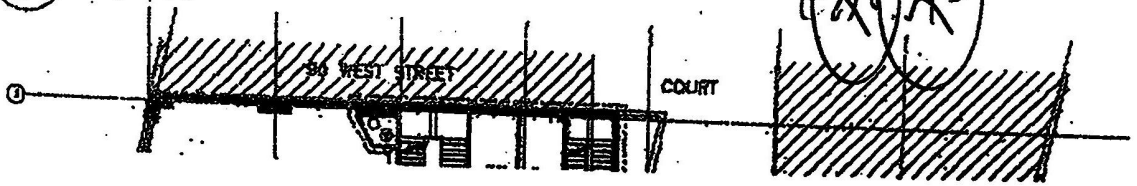


7 / D1-1 ROOF DEMO PLAN

7th Floor



6 / D1-1 12TH FLOOR DEMO PLAN



B

LEGEND:

EXISTING WALL TO BE DEMOLISHED

EXISTING WALL TO REMAIN

DEMOLITION BOUNDARY
NO DEMO BEYOND THIS LINE

GENERAL NOTES:

1. PLANS SHOW APPROXIMATE LOCATIONS.
2. REMOVE ALL RUBBISH, FURNITURE & EQUIPMENT (FLOORS 1-12)
3. REMOVE ALL EXISTING INTERIOR FINISHES UNLESS OTHERWISE NOTED
4. REMOVE ALL TENANT HVAC UNITS & DUCTWORK (FLOORS 1-12)
5. REMOVE ALL ELECTRICAL CONNECTIONS OF ALL EQUIPMENT TO BE REMOVED. REMOVE ELECTRICAL BACK TO THE SOURCE PANEL. TAG CIRCUIT BREAKER IN PANEL AS SPARE, COMPLETE.
6. EXISTING ELECTRICAL RISERS TO REMAIN UNLESS SERVICE IS RE-FED OR RE-ROUTED
7. EXISTING TO REMAIN:

   CONCRETE SLABS, COLUMNS, BEAMS
   EXTERIOR MASONRY WALL & WINDOWS
   ALL STRUCTURAL FRAMING
   PLYWOOD WINDOW COVERS
   ELEVATOR EQUIPMENT AND SHAFTS
   RESTROOMS
   STEAM PIPES & PERIMETER RADIATORS
   STANDPIPES AND SPRINKLER LINES
   FLOOR TILE
   BOILER, BOILER FLUE & SHAFT
   FIRE STAIRS, RAILINGS, & ENCLOSURES
   WATER STORAGE TANKS
   ELECTRIC SWITCHGEAR
   STORM DRAIN SYSTEM

(A) EXISTING ELEVATORS & ENCLOSURES TO REMAIN

(B) EXISTING FIRESTAIR & ENCLOSURE TO REMAIN

(C) EXISTING RESTROOMS TO REMAIN

(D) EXISTING BOILER FLUE & ENCLOSURE TO REMAIN

(E) REMOVE RUBBISH

NYC-WTC_000125489

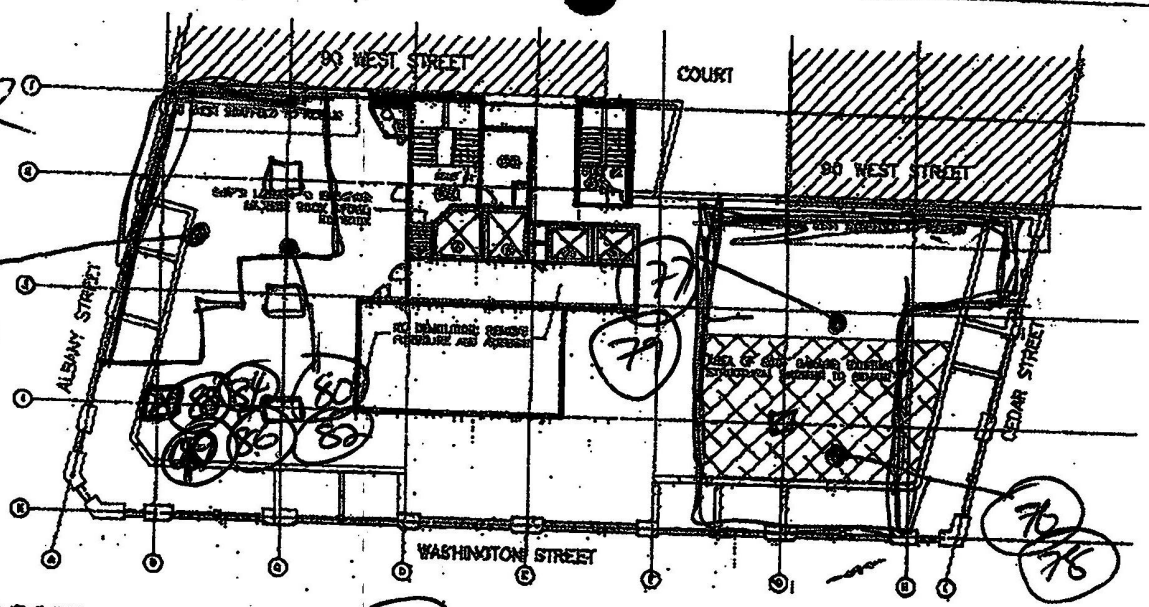
7 OF 10

8th Floor

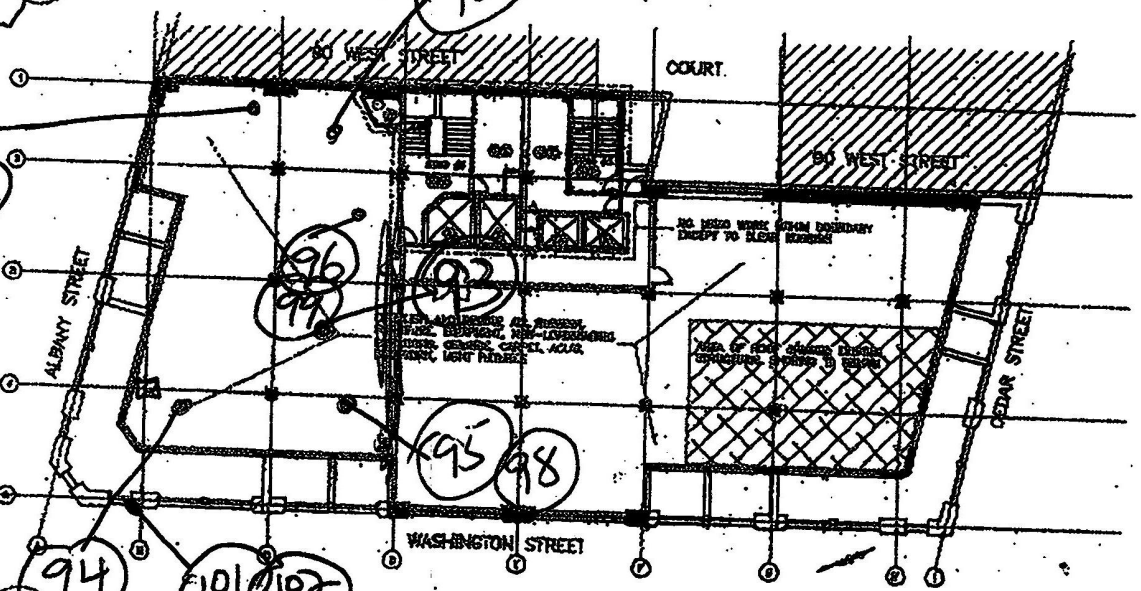
04-3271
130 CEDAR ST.
NY.
3-23-04
M.N. KHAN

9th Fl

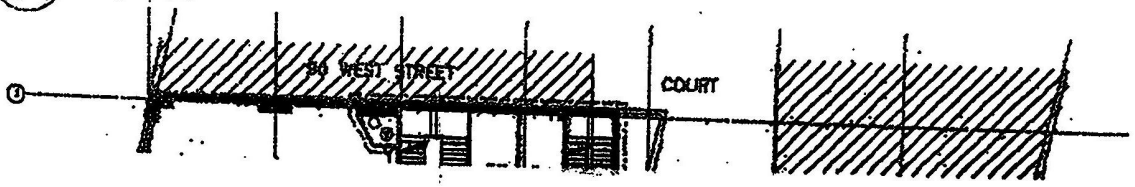
B



7 / D1-1 ROOF DEMO PLAN



6 / D1-1 12TH FLOOR DEMO PLAN



LEGEND:

- EXISTING WALL TO BE DEMOLISHED
- EXISTING WALL TO REMAIN
- DEMOLITION BOUNDARY — NO DEMO BEYOND THIS LINE

GENERAL NOTES:

1. PLANS SHOW APPROXIMATE LOCATIONS.
2. REMOVE ALL RUBBISH, FURNITURE & EQUIPMENT (FLOORS 1-12)
3. REMOVE ALL EXISTING INTERIOR FINISHES UNLESS OTHERWISE NOTED
4. REMOVE ALL TENANT HVAC UNITS & DUCTWORK (FLOORS 1-12)
5. REMOVE ALL ELECTRICAL CONNECTIONS OF ALL EQUIPMENT TO BE REMOVED. REMOVE ELECTRICAL BACK TO THE SOURCE PANEL. TAG CIRCUIT BREAKER IN PANEL AS SPARE, COMPLETE.
6. EXISTING ELECTRICAL RISERS TO REMAIN UNTIL SERVICE IS RE-FED OR RE-ROUTED
7. EXISTING TO REMAIN:
   - CONCRETE SLABS, COLUMNS, BEAMS
   - EXTERIOR MASONRY WALL & WINDOWS
   - ALL STRUCTURAL SHEARS
   - PLYWOOD WINDOW COVERS
   - ELEVATORS EQUIPMENT AND SHAFTS
   - RESTROOMS
   - STEAM PIPES & PERIMETER RADIATORS
   - STANDPIPES AND SPRINKLER LINES
   - FLOOR TILE
   - BOILER, BOILER FLUE & SHAFT
   - FIRE STAIRS, RAILINGS, & ENCLOSURES
   - WATER STORAGE TANKS
   - ELEVATOR SWITCHGEAR
   - STORM DRAIN SYSTEM

(A) EXISTING ELEVATORS & ENCLOSURES TO REMAIN

(B) EXISTING STAIRWAY & ENCLOSURE TO REMAIN

(C) EXISTING RESTROOMS TO REMAIN

(D) EXISTING BOILER FLUE & ENCLOSURE TO REMAIN.

(E) REMOVE RUBBISH

NYC 9/11 Public Portal Document

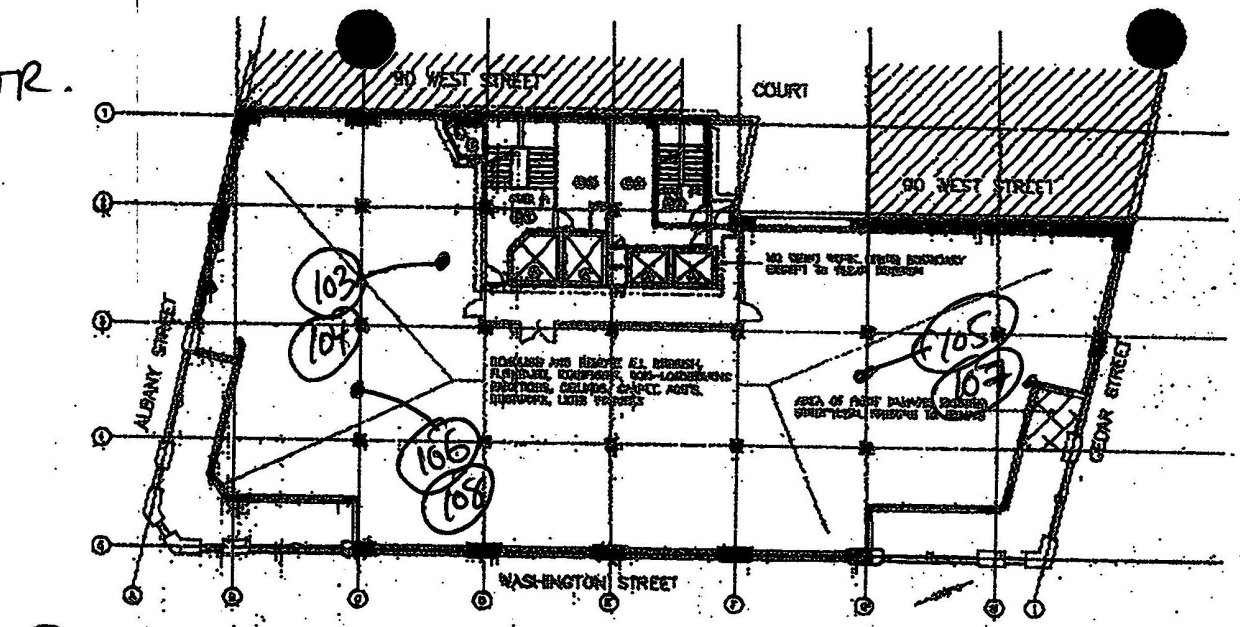
NYC-WTC_000125490

NYC 9/11 Public Portal Document

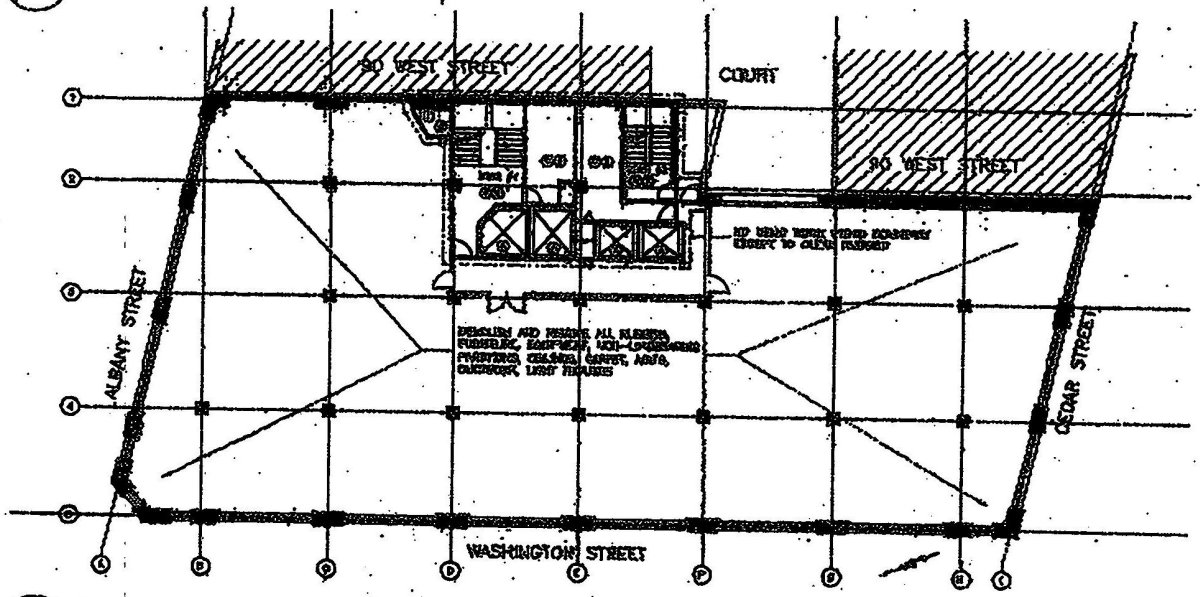
OF 10

10th Floor.

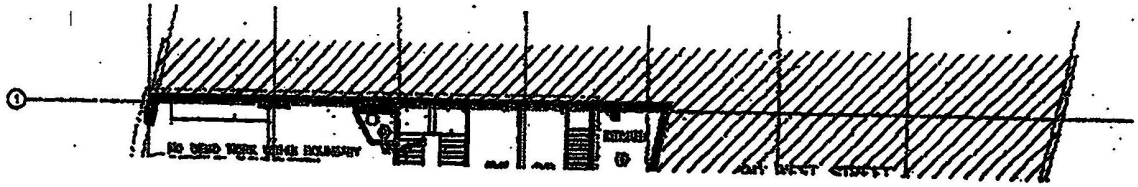
04-3271
130 CEDAR ST.
NY.
3-23-04
M.N. KHAN



4 / D1-1 10TH FLOOR DEMO PLAN



3 / D1-1 FLOORS 2-9 DEMO PLAN



A

NYC-WTC_000125491

NYC 9/11 Public Portal Document

OF 10

11th FLOOR

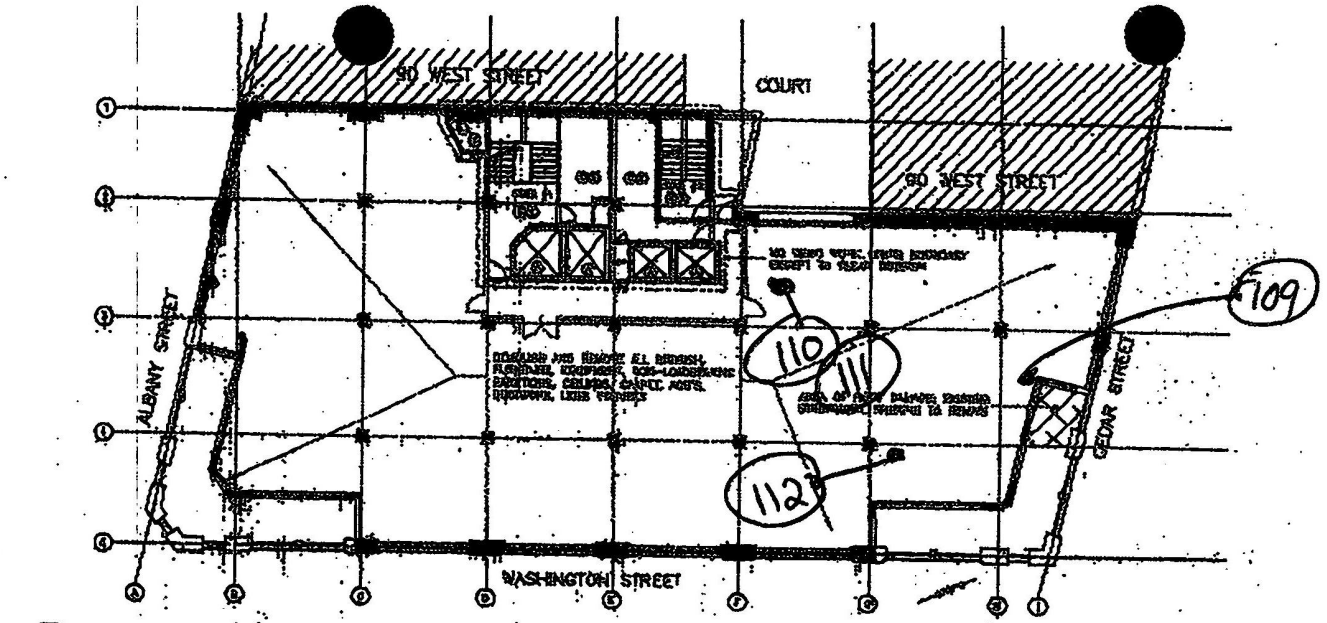
04-3271

130 CEDAR ST.

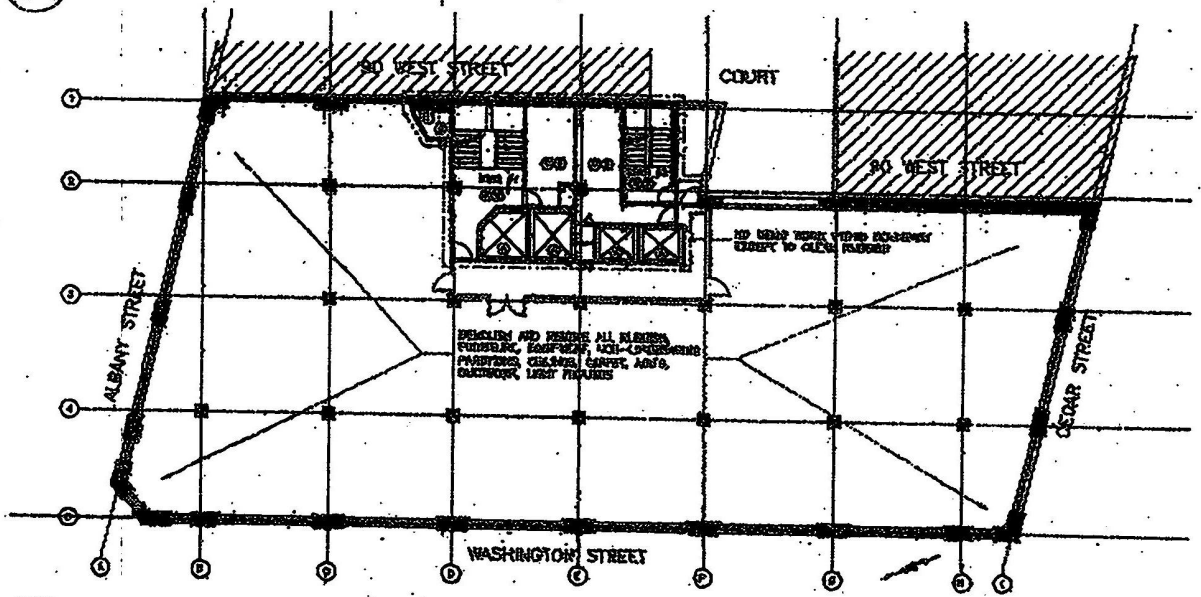
NY.

3-23-04

M.N.KHAN



4 / D1-1 10TH FLOOR DEMO PLAN



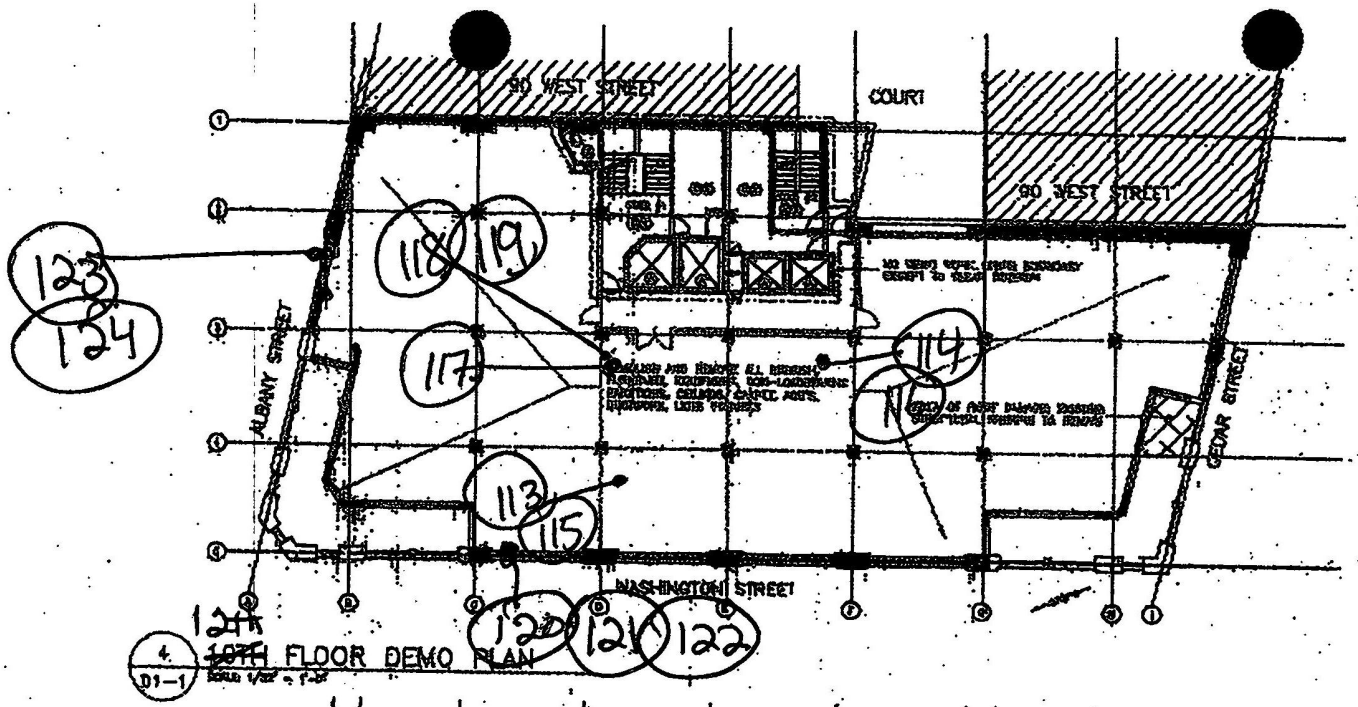
3 / D1-1 FLOORS 2-9 DEMO PLAN

A

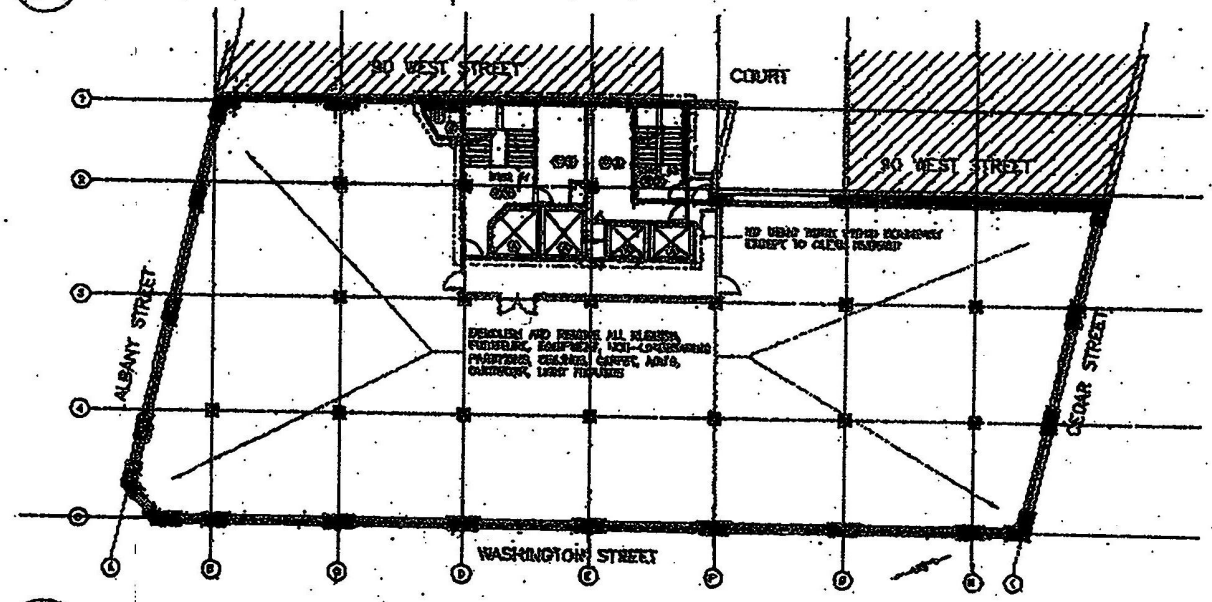
NYC-WTC_000125492

NYC 9/11 Public Portal Document

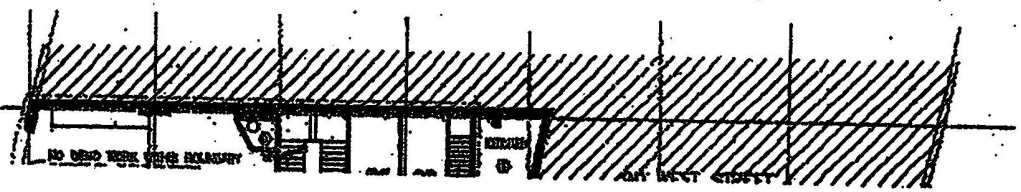
04-3271
130 CEDAR ST.
NY.
03/23/04
M-N-KHAN



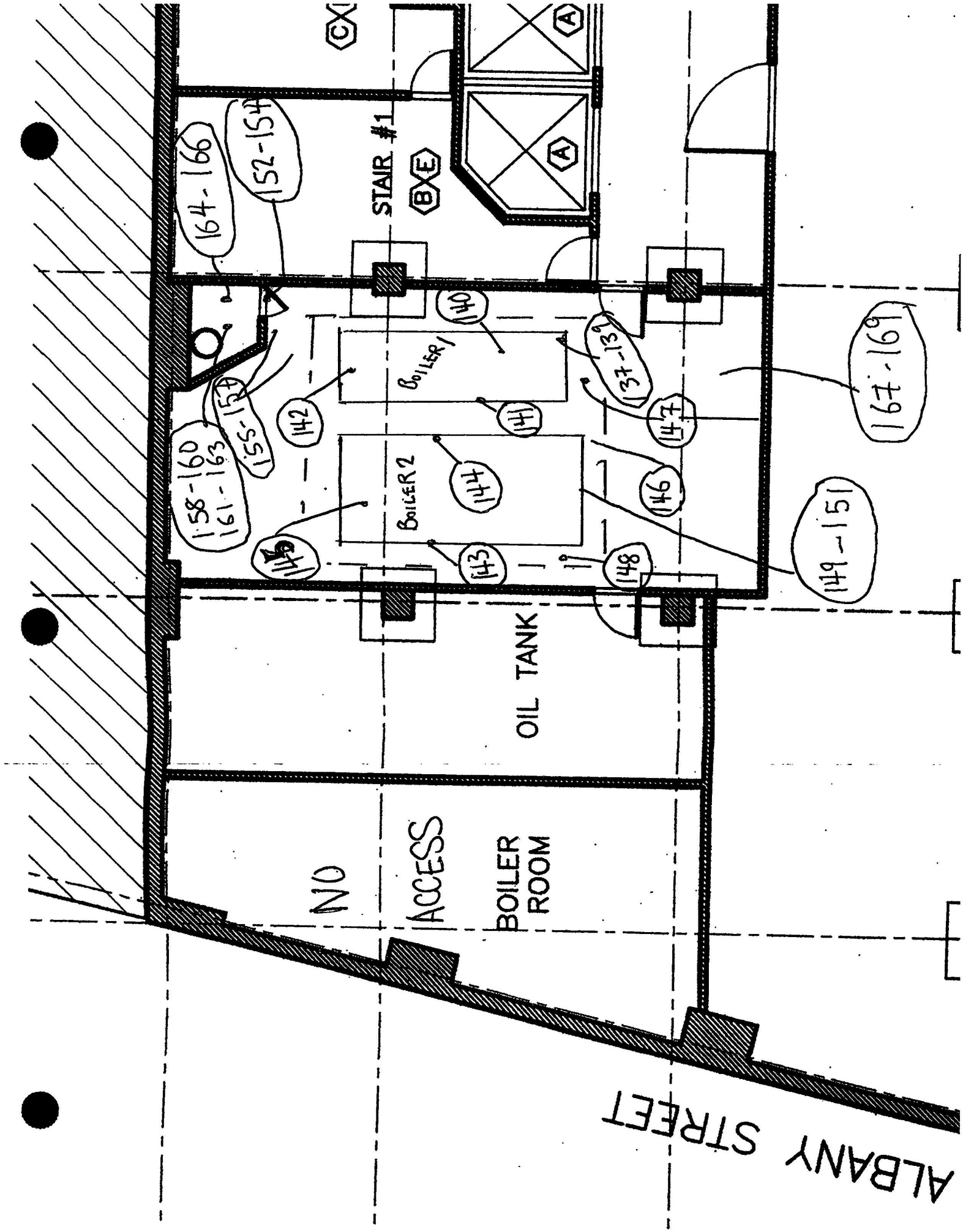
4 / D1-1 12th FLOOR DEMO PLAN



3 / D1-1 FLOORS 2-9 DEMO PLAN



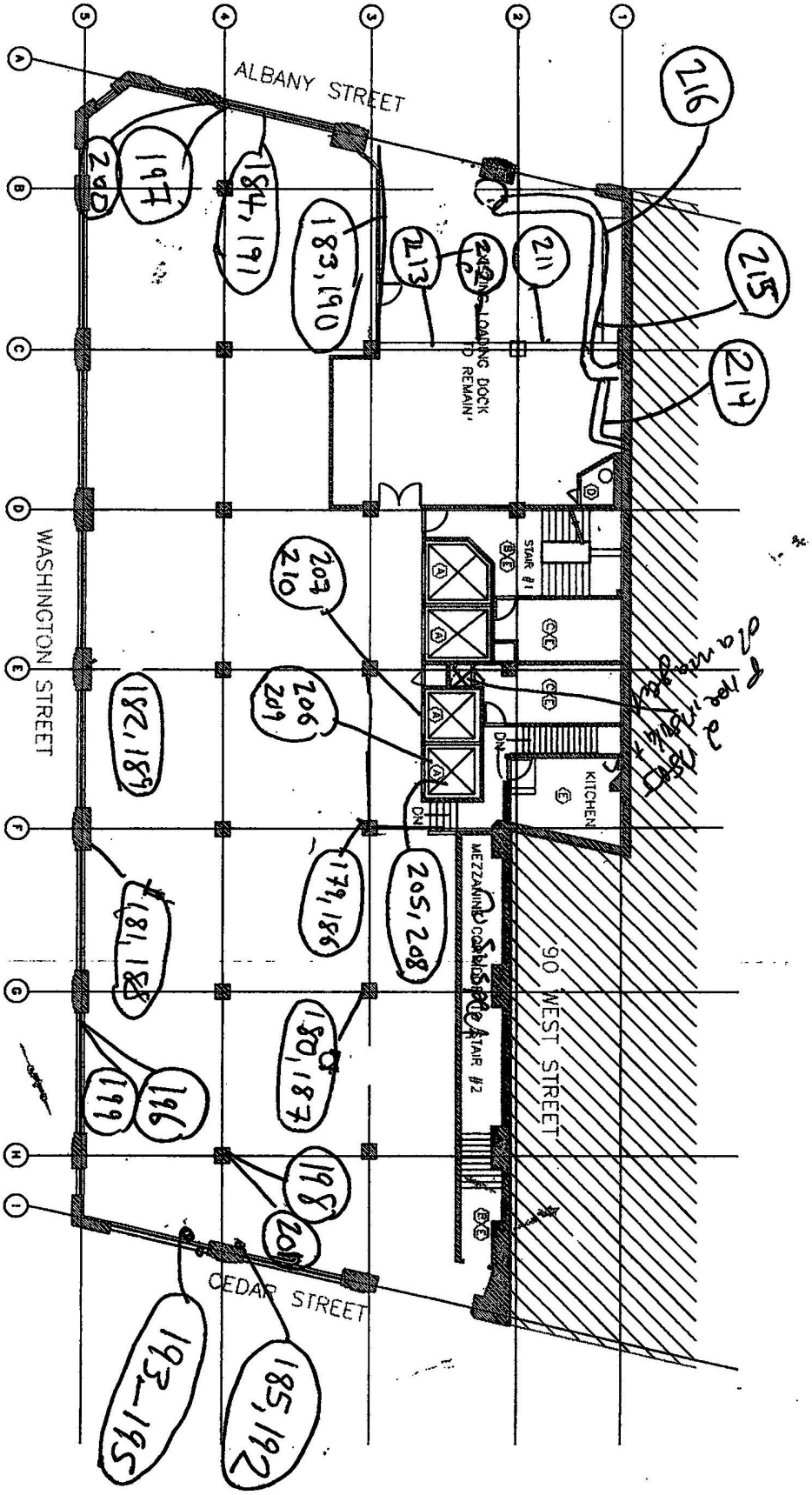
A

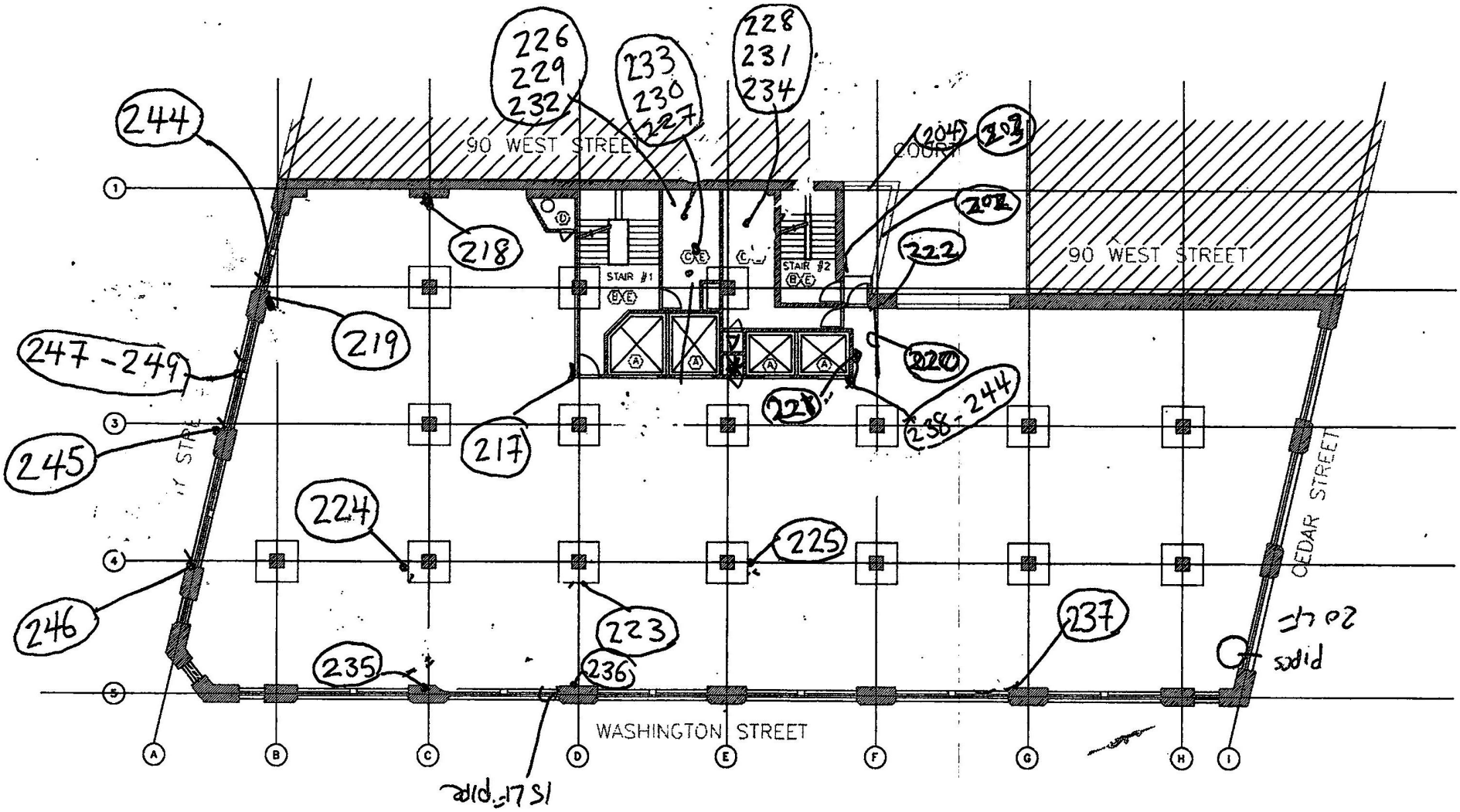

STAIR #1
BOILER 1
BOILER 2
OIL TANK
NO ACCESS
BOILER ROOM
ALBANY STREET
164-166
152-154
140
137-139
167-169
142
155-157
141
147
158-160
161-163
144
146
145
143
148
149-151

NYC 9/11 Public Portal Document

NYC-WTC_000125494

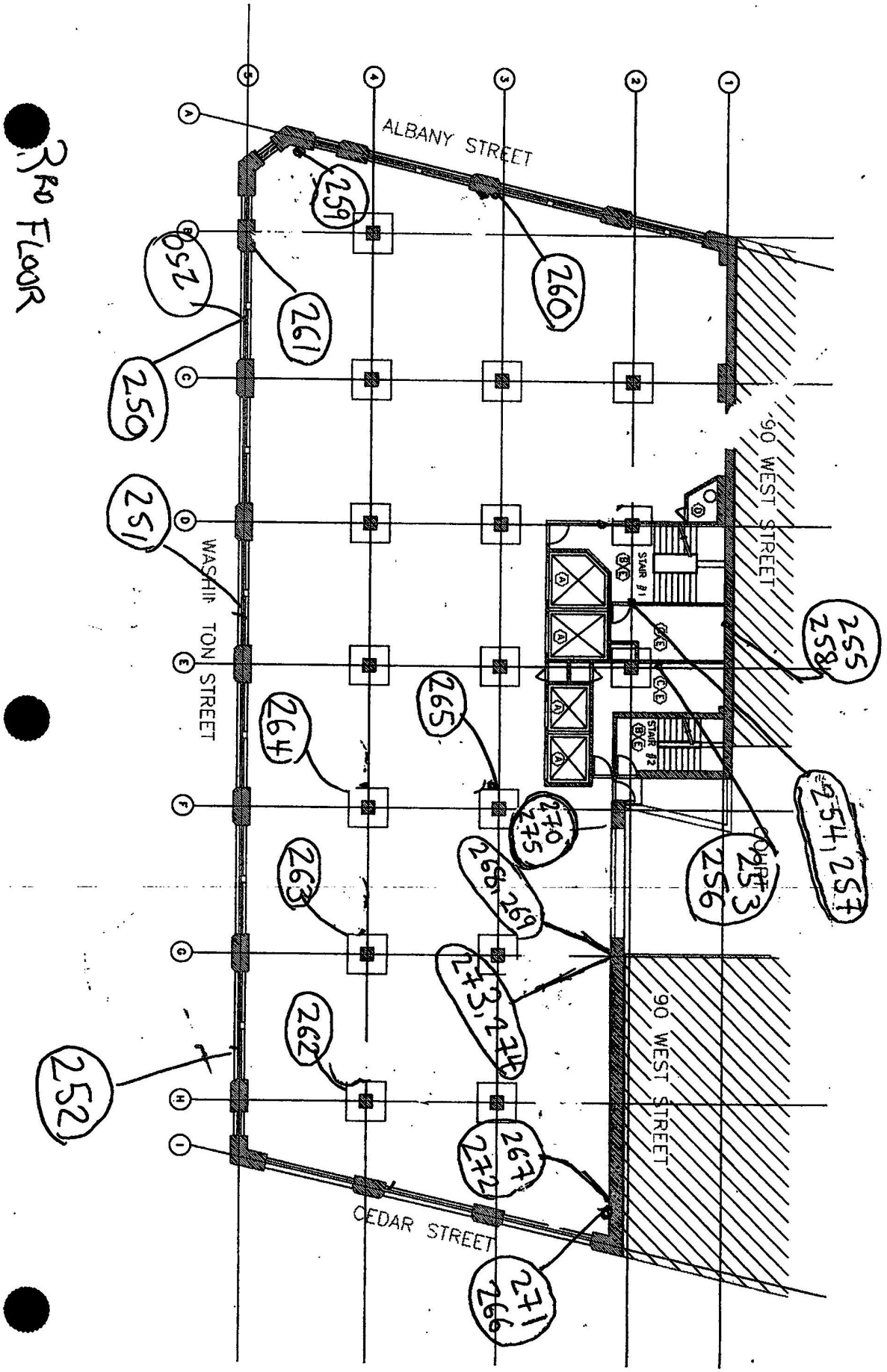
GROUND FLOOR

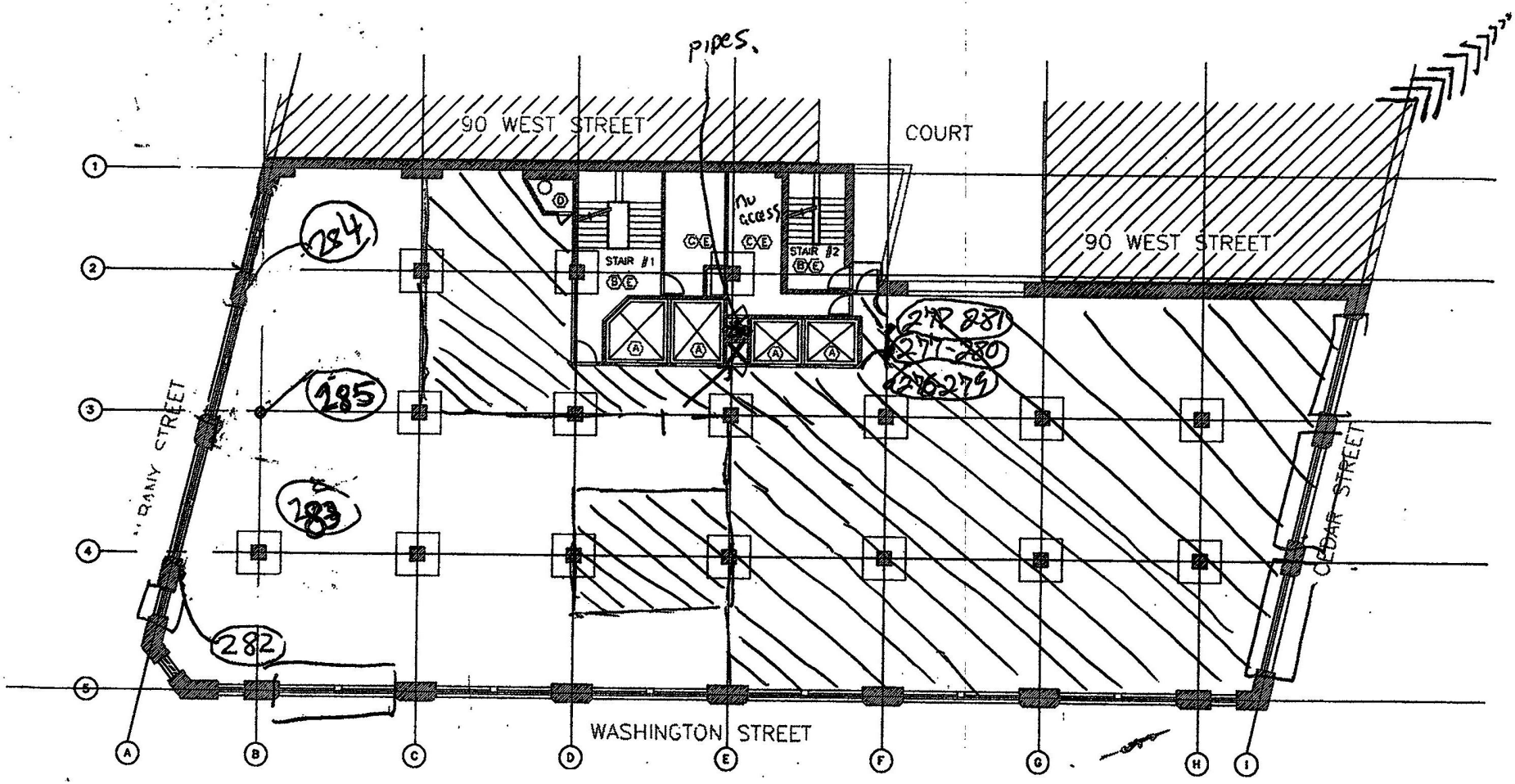




NYC 9/11 Public Portal Document

NYC-WTC_000125496


3RD FLOOR
ALBANY STREET
WASHINGTON STREET
CEDAR STREET
90 WEST STREET
90 WEST STREET
STAIR #1
STAIR #2
COURT
250
251
252
253
254, 257
255
256
258
259
260
261
262
263
264
265
266
267
268, 269
270
271
272
273, 274
275



X - electrical wire insulation
Remove electrical wire insulation.

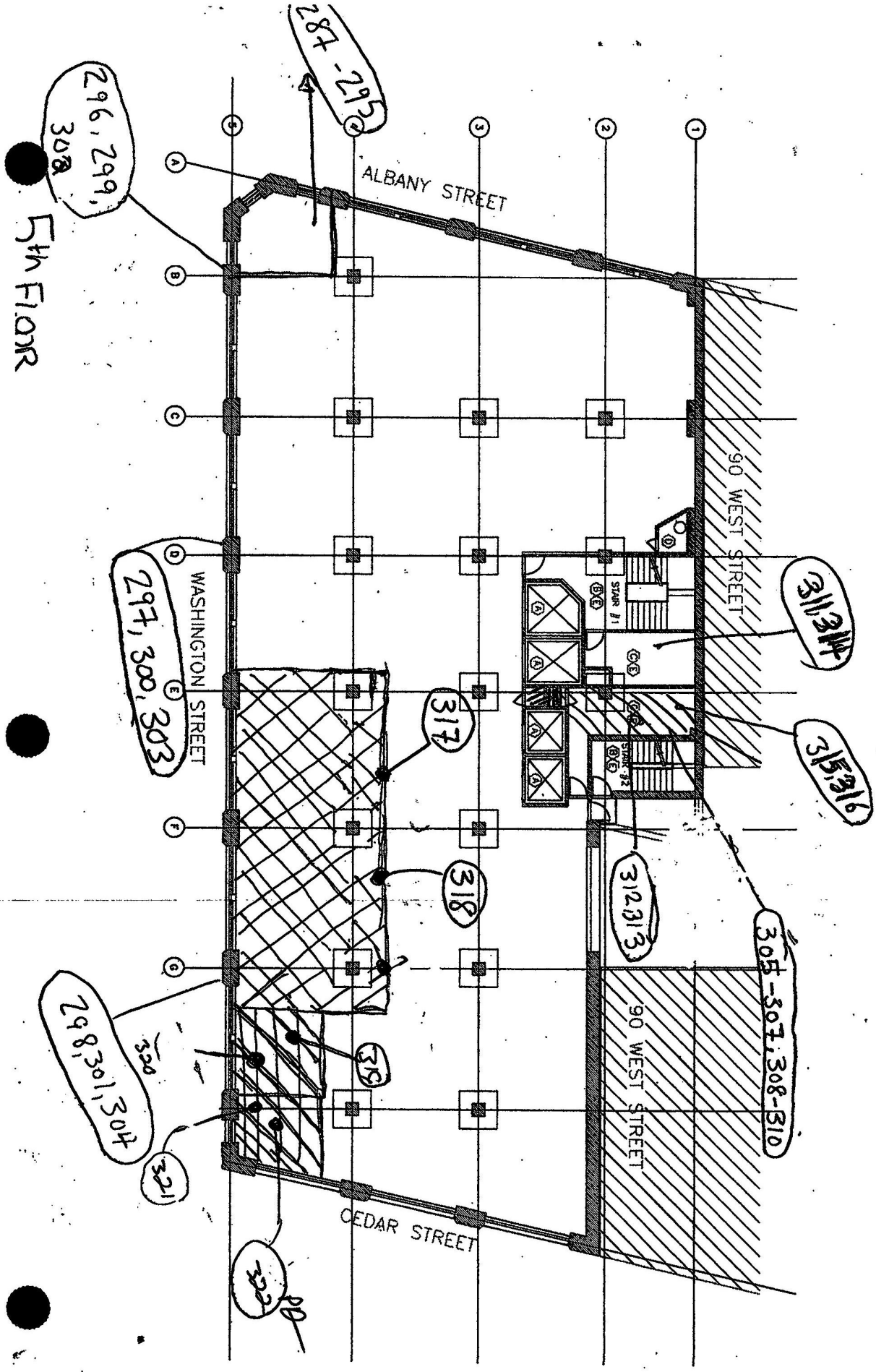
Floor mastic

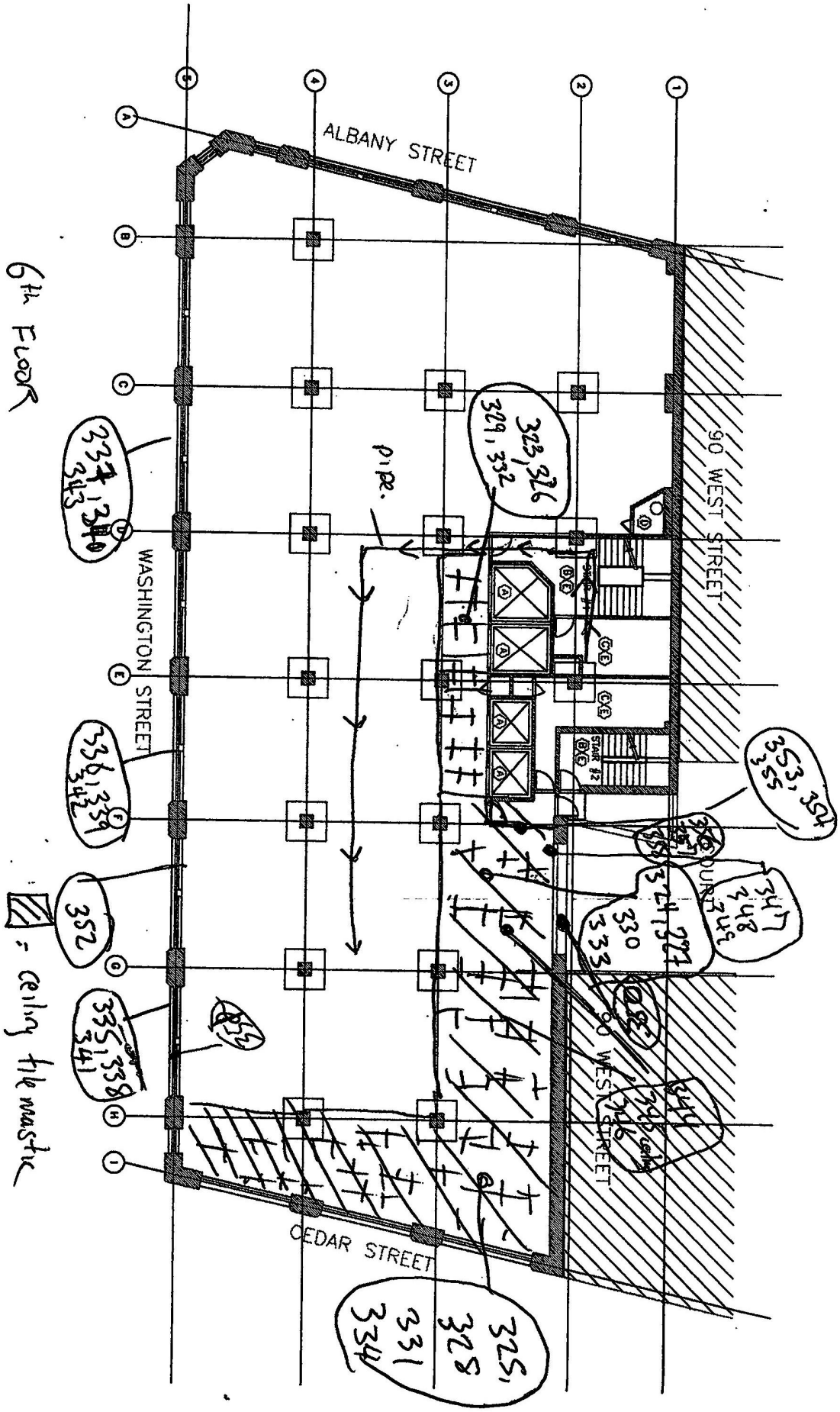
Floor tiles + mastic

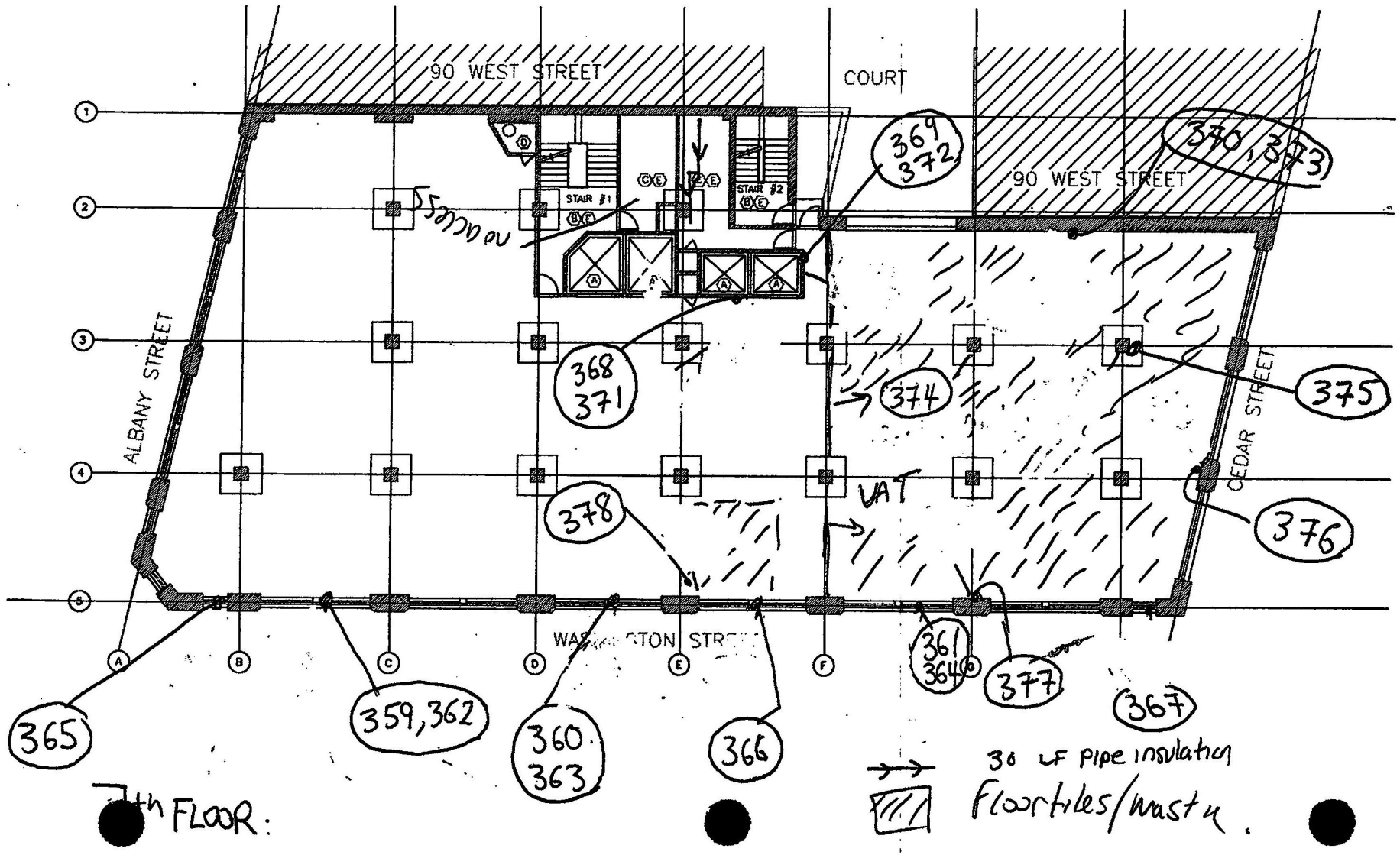
11th FLOOR

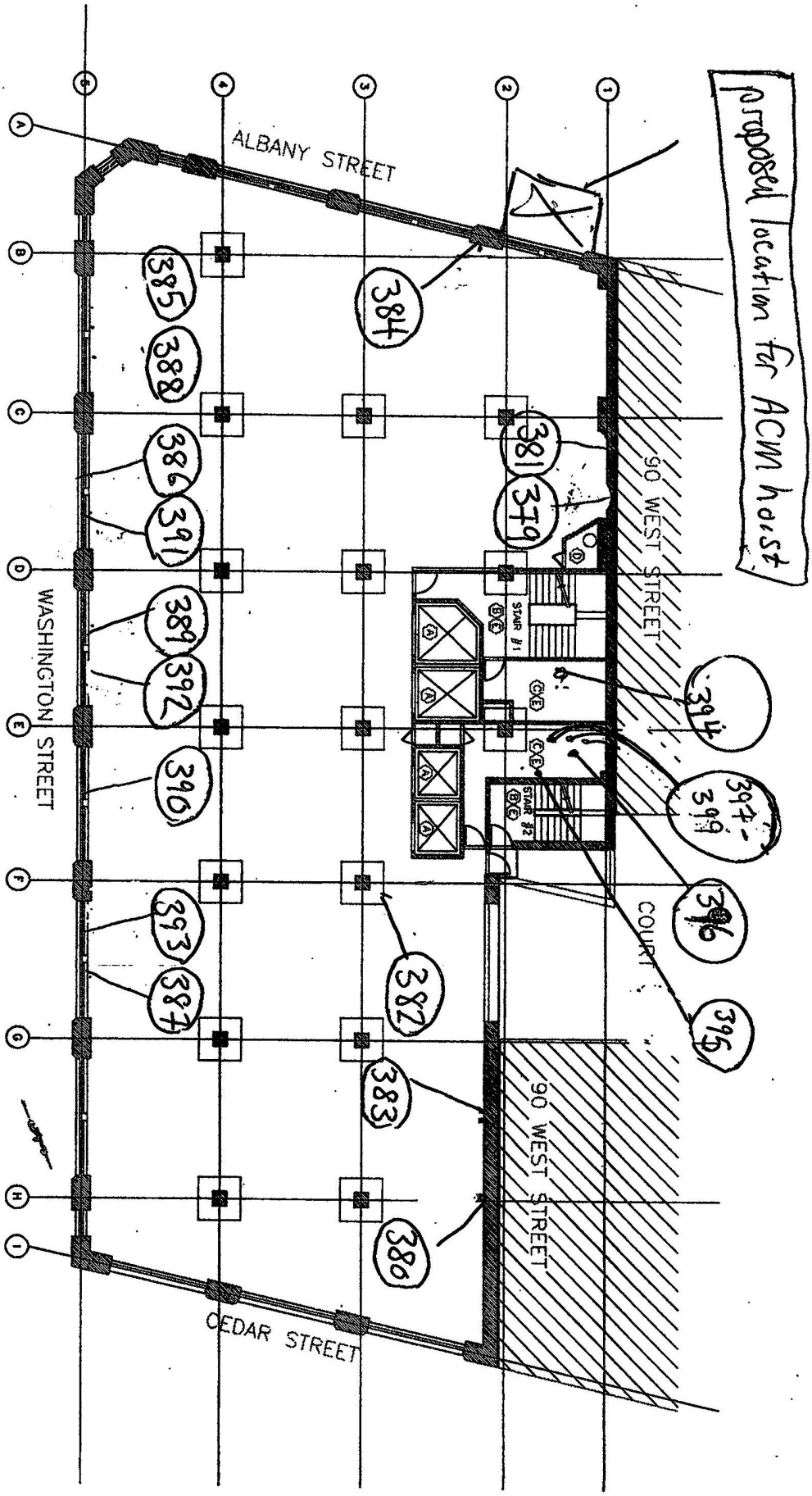
NYC 9/11 Public Portal Document

NYC-WTC_000125498

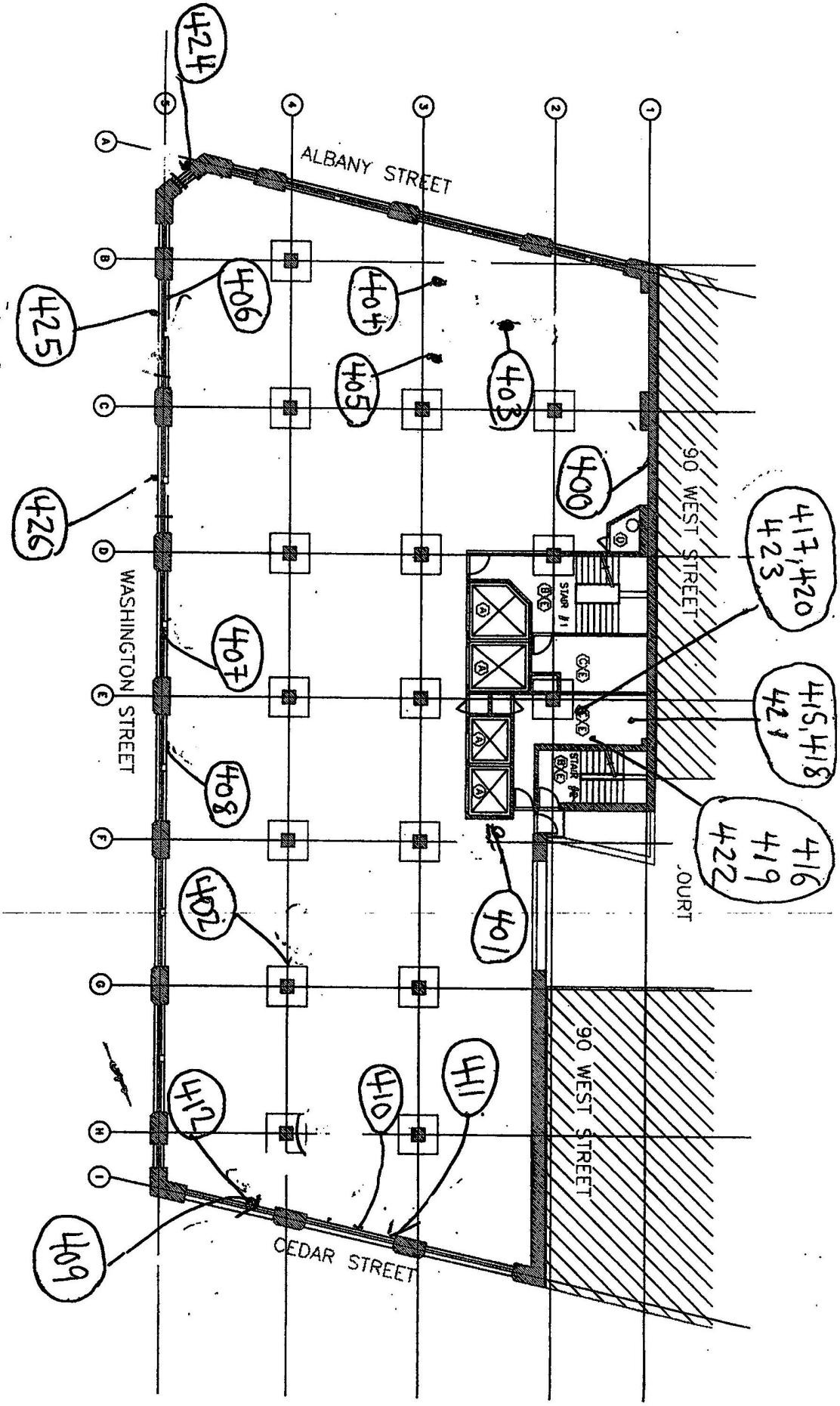

287-295
296, 299, 302
5th FLOR
ALBANY STREET
90 WEST STREET
WASHINGTON STREET
297, 300, 303
311, 314
315, 316
317
318
312, 313
305-307, 308-310
298, 301, 304
320
319
321
322
CEDAR STREET
STAIR #1
STAIR #2

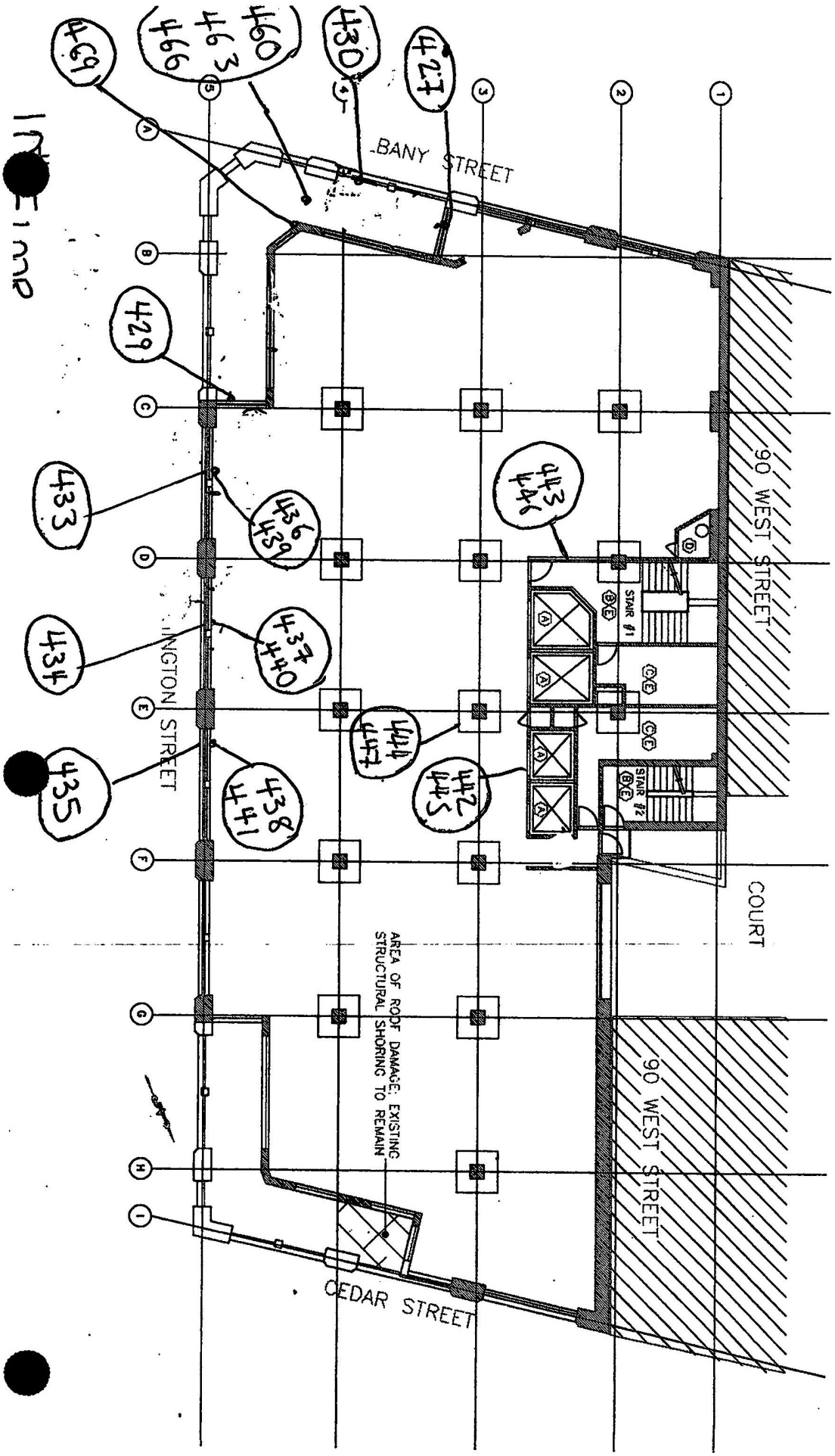

6th Floor
ALBANY STREET
90 WEST STREET
WASHINGTON STREET
CEDAR STREET
PIPE.
323, 326, 329, 332
337, 340, 343
336, 339, 342
352
335, 338, 341
353, 354, 355
347, 348, 349
325, 328, 331, 334
= ceiling tile mastic
= floor tiles & mastic.

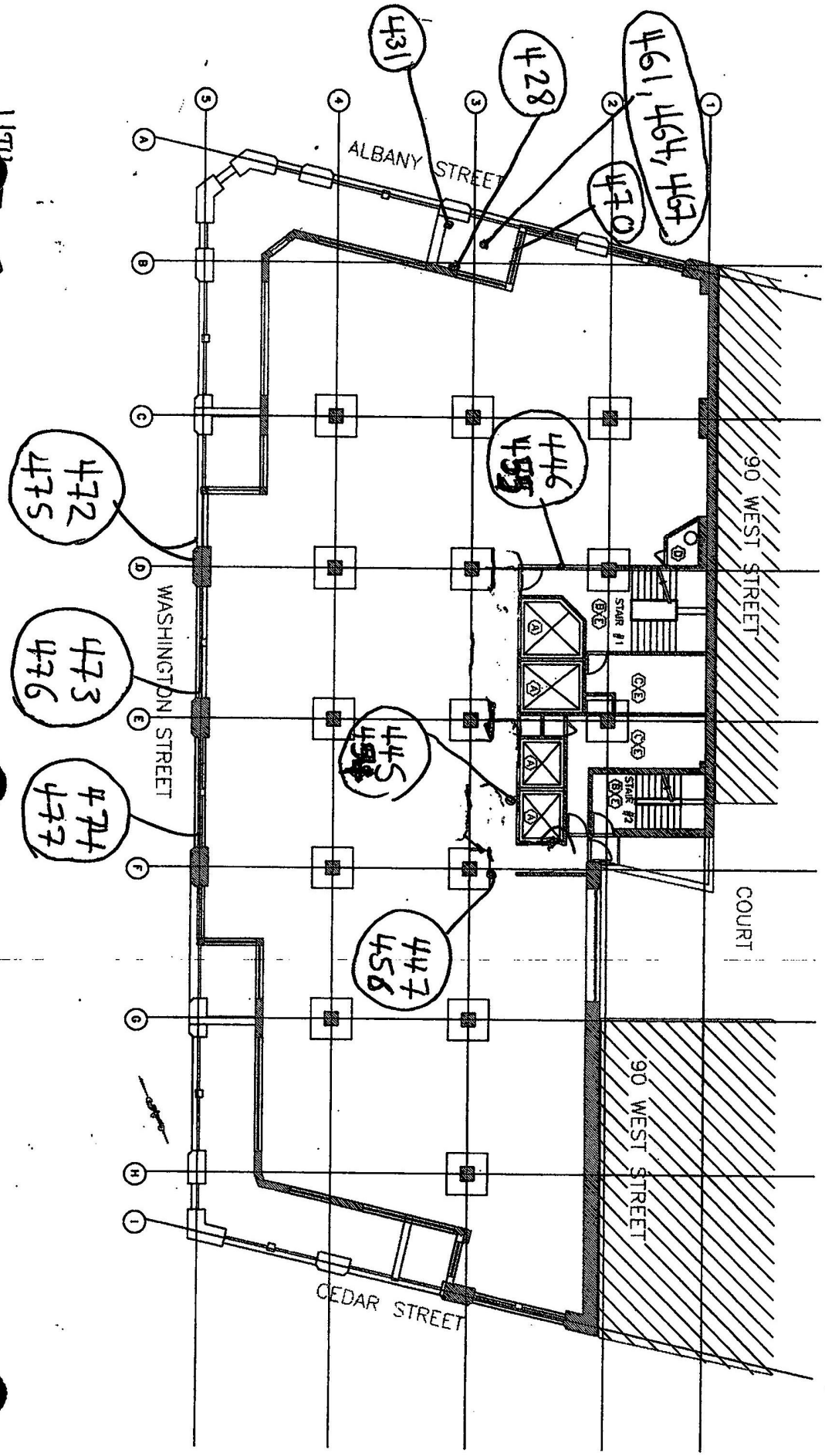

90 WEST STREET
COURT
90 WEST STREET
STAIR #1
STAIR #2
ALBANY STREET
CEDAR STREET
WASHINGTON STREET
VAT
no access
369
372
370, 373
368
371
374
375
376
378
361
364
377
367
365
359, 362
360
363
366
30 LF pipe insulation
Floortiles/wastu
7th FLOOR:


Proposed location for ACM hoist
ALBANY STREET
CEDAR STREET
WASHINGTON STREET
90 WEST STREET
90 WEST STREET
COURT
STAIR #1
STAIR #2
384
385
388
386
391
389
392
390
393
387
382
383
380
381
379
394
397-399
396
395

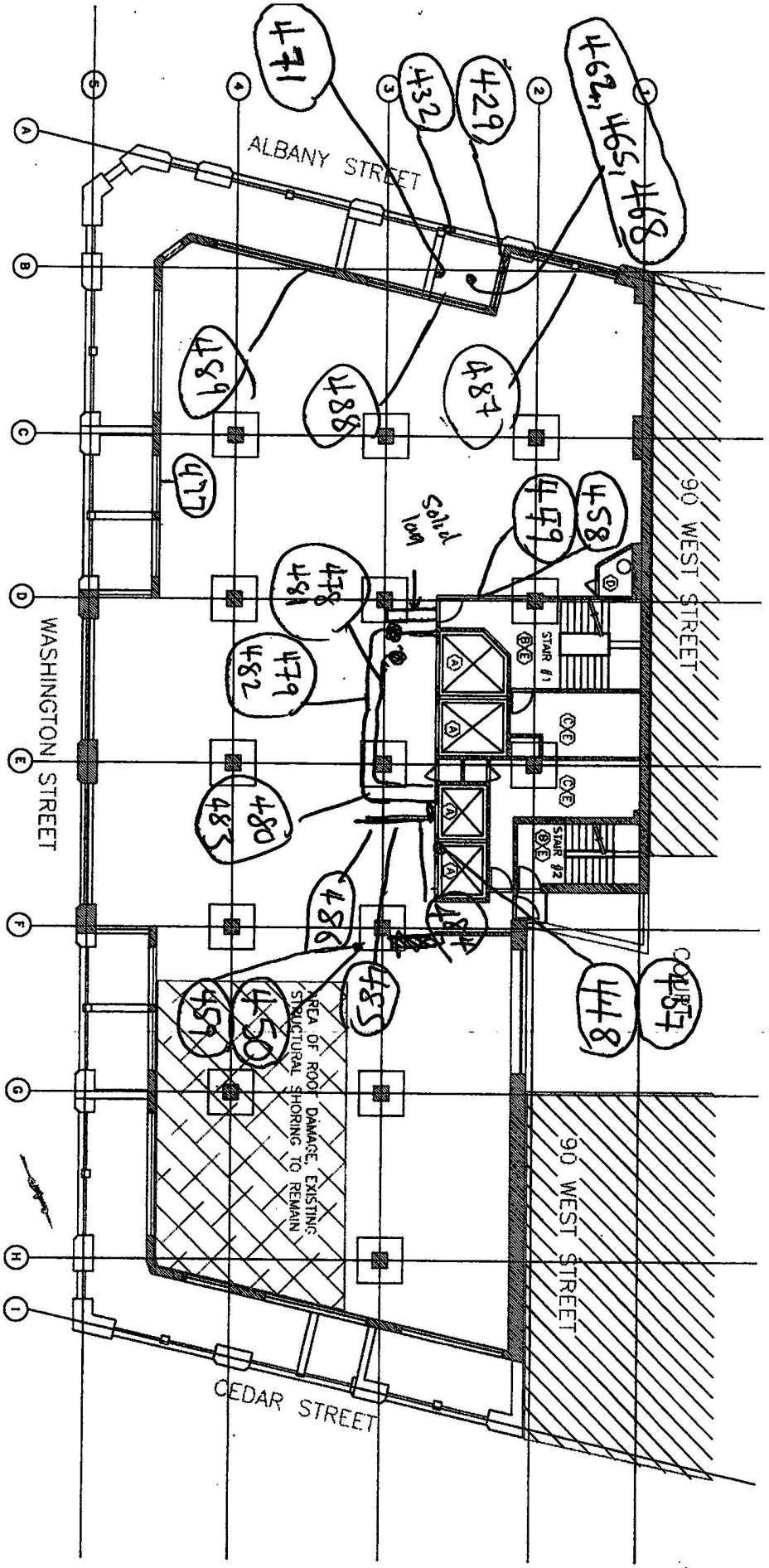
9th FLOOR

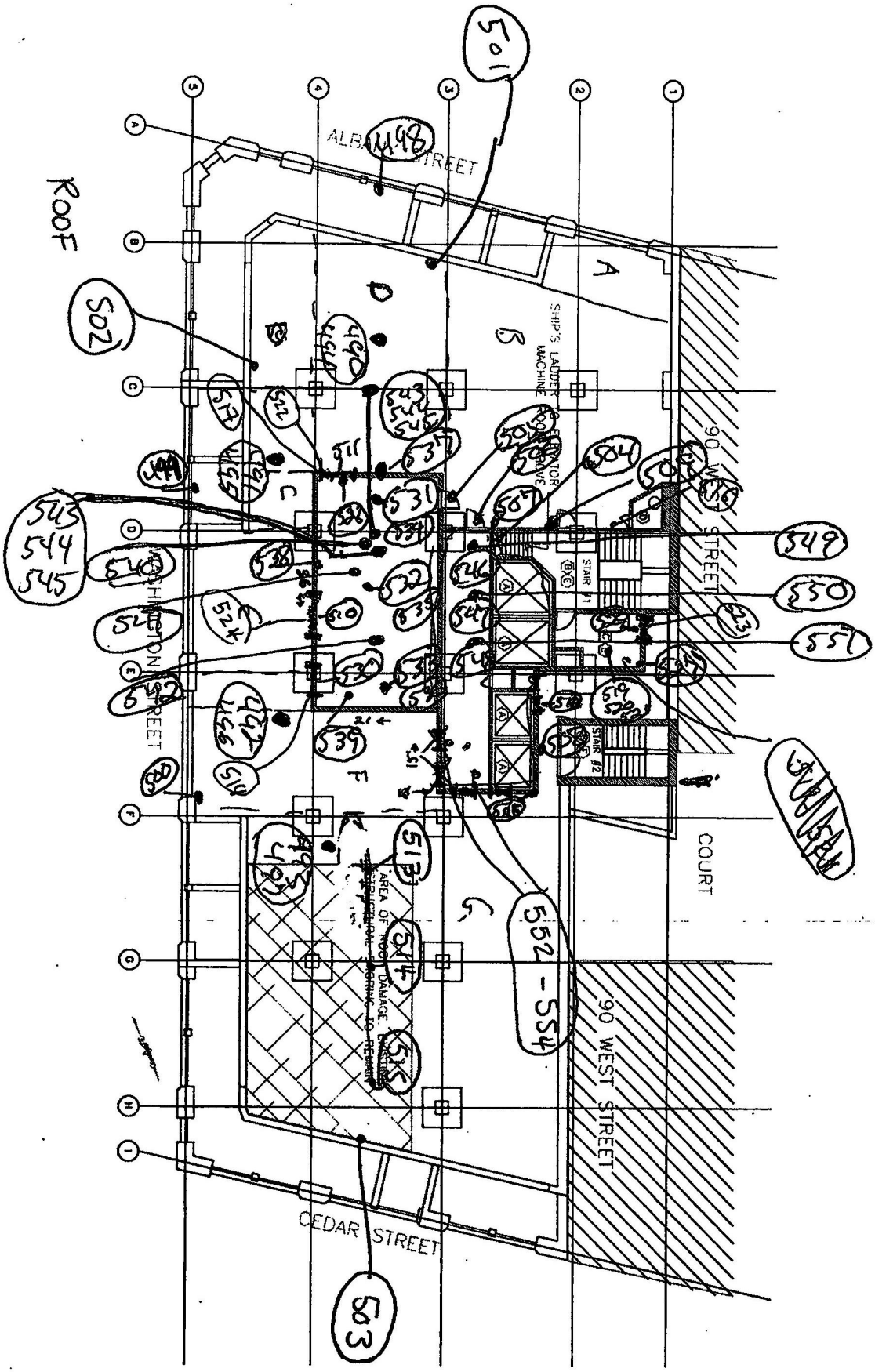

ALBANY STREET
WASHINGTON STREET
90 WEST STREET
CEDAR STREET
90 WEST STREET
OURT
STAIR #1
STAIR #2
424
425
406
404
405
403
400
426
417, 420
423
407
415, 418
421
408
416
419
422
402
401
412
410
411
409


BANY STREET
90 WEST STREET
COURT
90 WEST STREET
CEDAR STREET
INGTON STREET
STAIR #1
STAIR #2
AREA OF ROOF DAMAGE: EXISTING STRUCTURAL SHORING TO REMAIN


ALBANY STREET
WASHINGTON STREET
CEDAR STREET
90 WEST STREET
90 WEST STREET
COURT
STAIR #1
STAIR #2
431
428
461, 464, 467
470
446
472
475
473
476
474
477
445
447
456

12th Floor

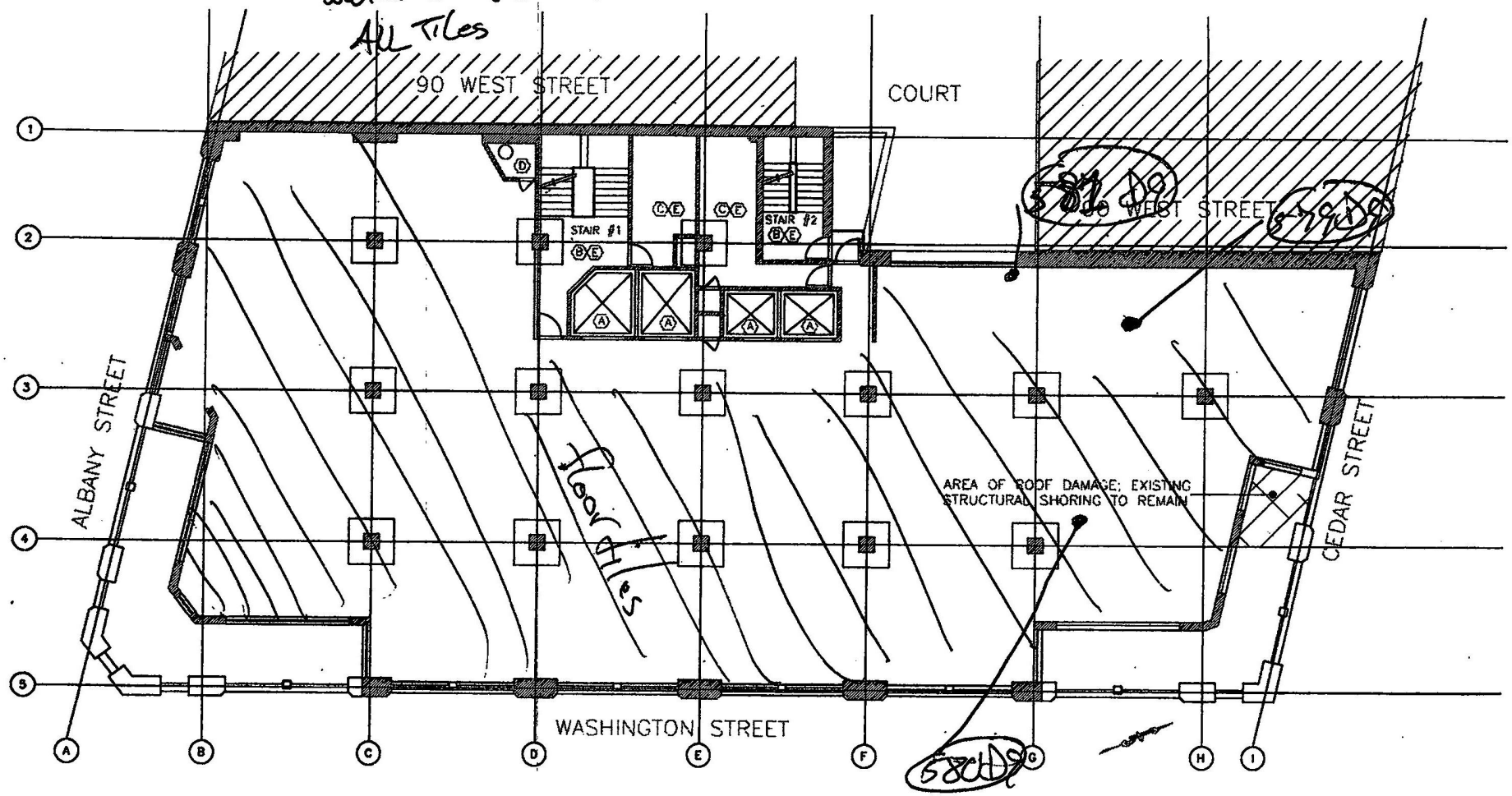

ALBANY STREET
90 WEST STREET
WASHINGTON STREET
CEDAR STREET
STAIR #1
STAIR #2
AREA OF ROOF DAMAGE, EXISTING STRUCTURAL SHORING TO REMAIN
COURT


ROOF
501
502
503
ALBANY STREET
CEDAR STREET
90 WEST STREET
HAMILTON STREET
COURT
SHIP'S LADDER
ELEVATOR MACHINE
STAIR #1
STAIR #2
AREA OF ROOF DAMAGE EXISTING STRUCTURAL FRAMING TO REMAIN
543
544
545
549
550
551
552 - 554

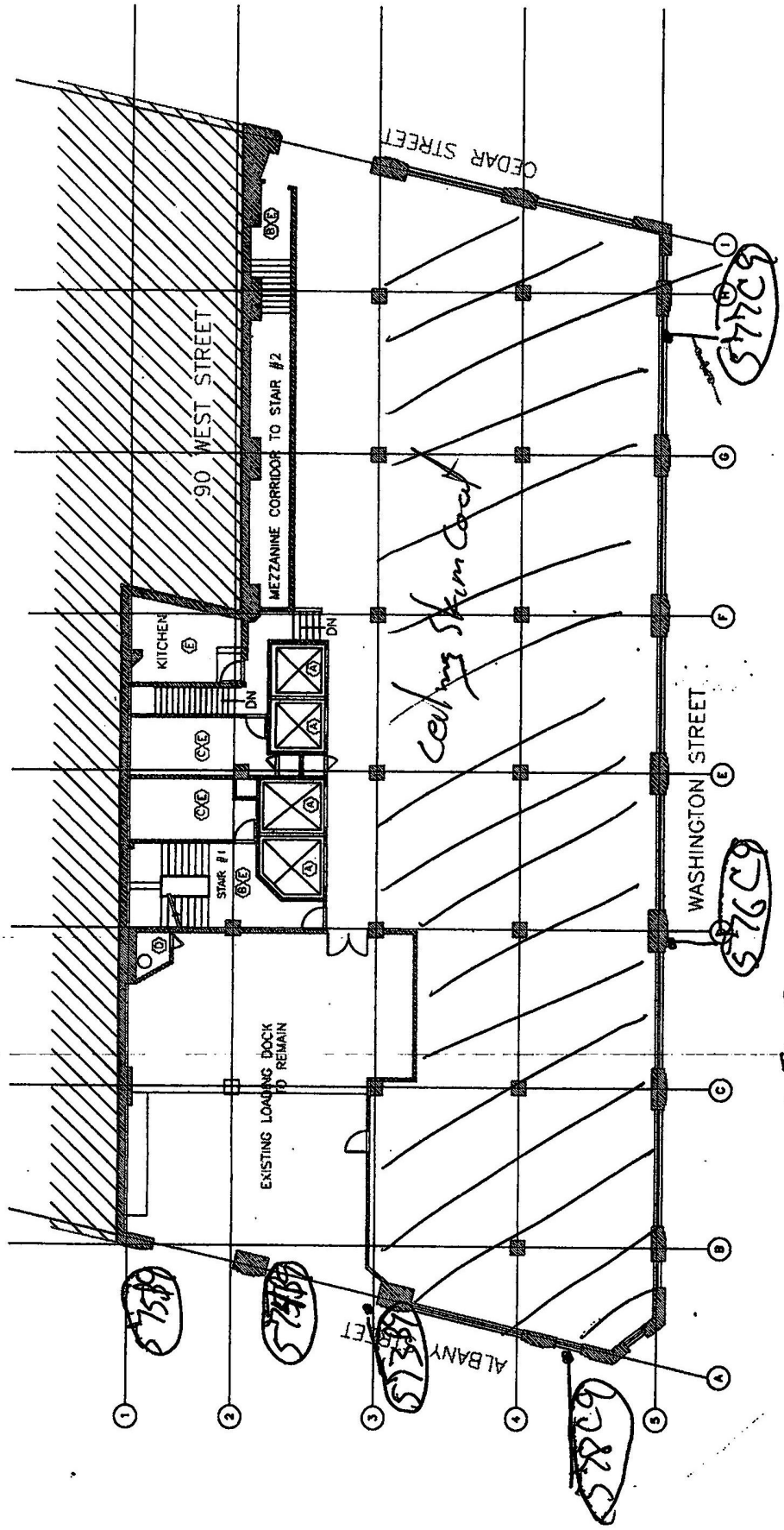
NYC-WTC_000125508

NYC 9/11 Public Portal Document

large amounts of water on floor, difficult to see All Tiles

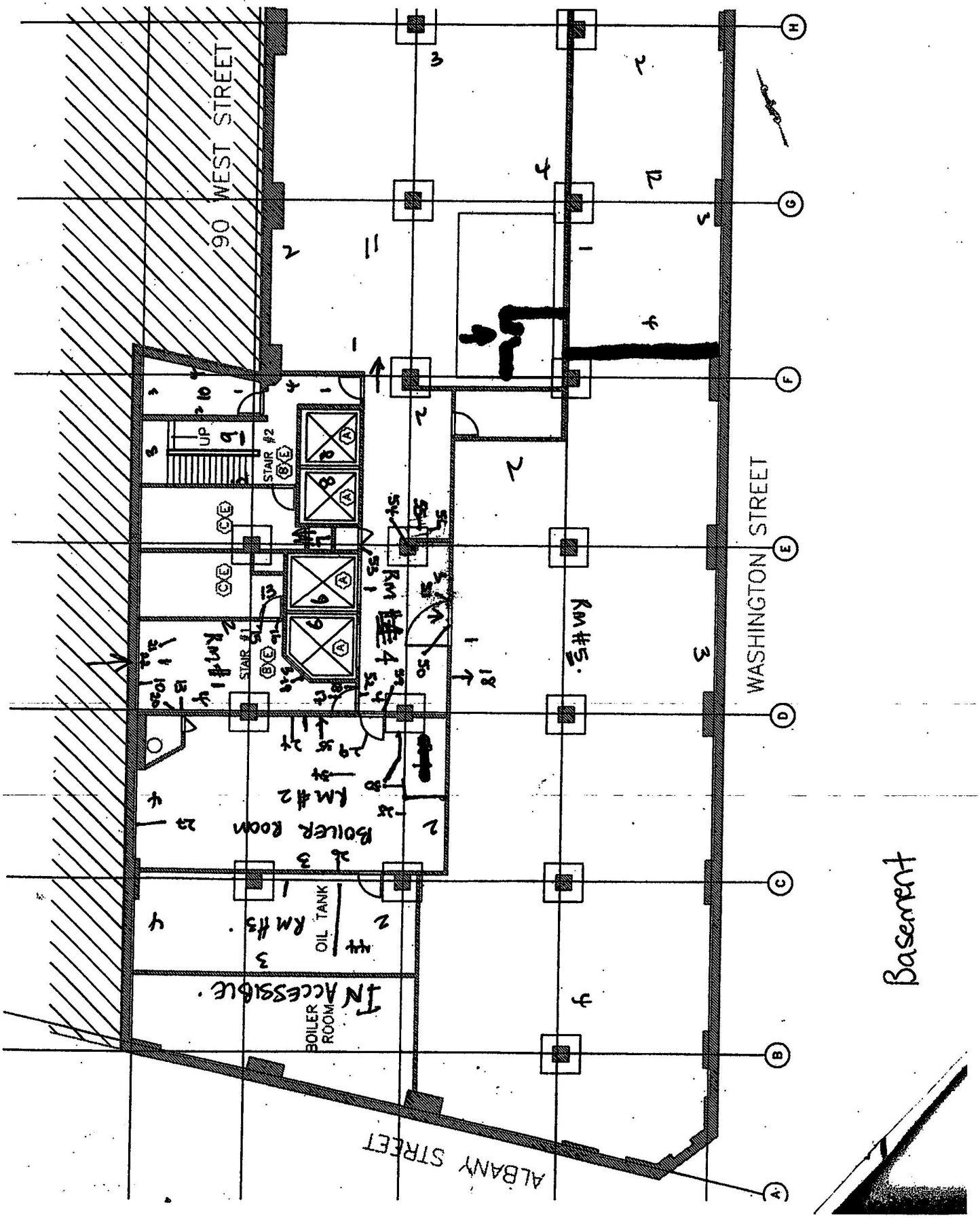


10th FLOOR

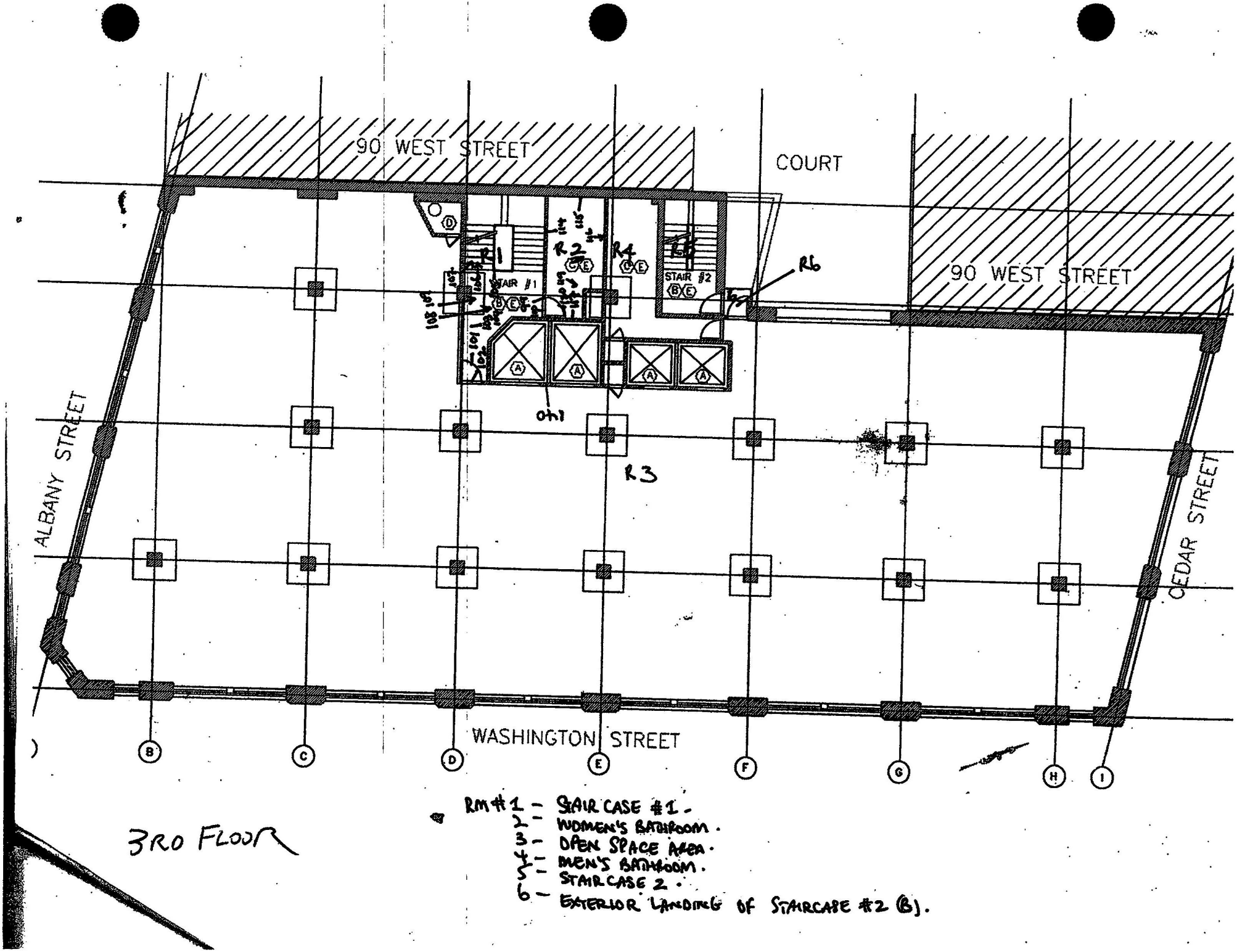

CEDAR STREET
90 WEST STREET
MEZZANINE CORRIDOR TO STAIR #2
KITCHEN
DN
DN
STAIR #1
EXISTING LOADING DOCK TO REMAIN
WASHINGTON STREET
ALBANY STREET
Ceiling Stm Coil
Ground Floor

NYC 9/11 Public Portal Document

APPENDIX E: LEAD SAMPLE LOCATION PLANS


90 WEST STREET
WASHINGTON STREET
ALBANY STREET
STAIR #1
STAIR #2
UP
OIL TANK
BOILER ROOM
BOILER ROOM
RM #1
RM #2
RM #3
RM #4
RM #5
IN ACCESSIBLE
Basement

NYC-WTC_000125512

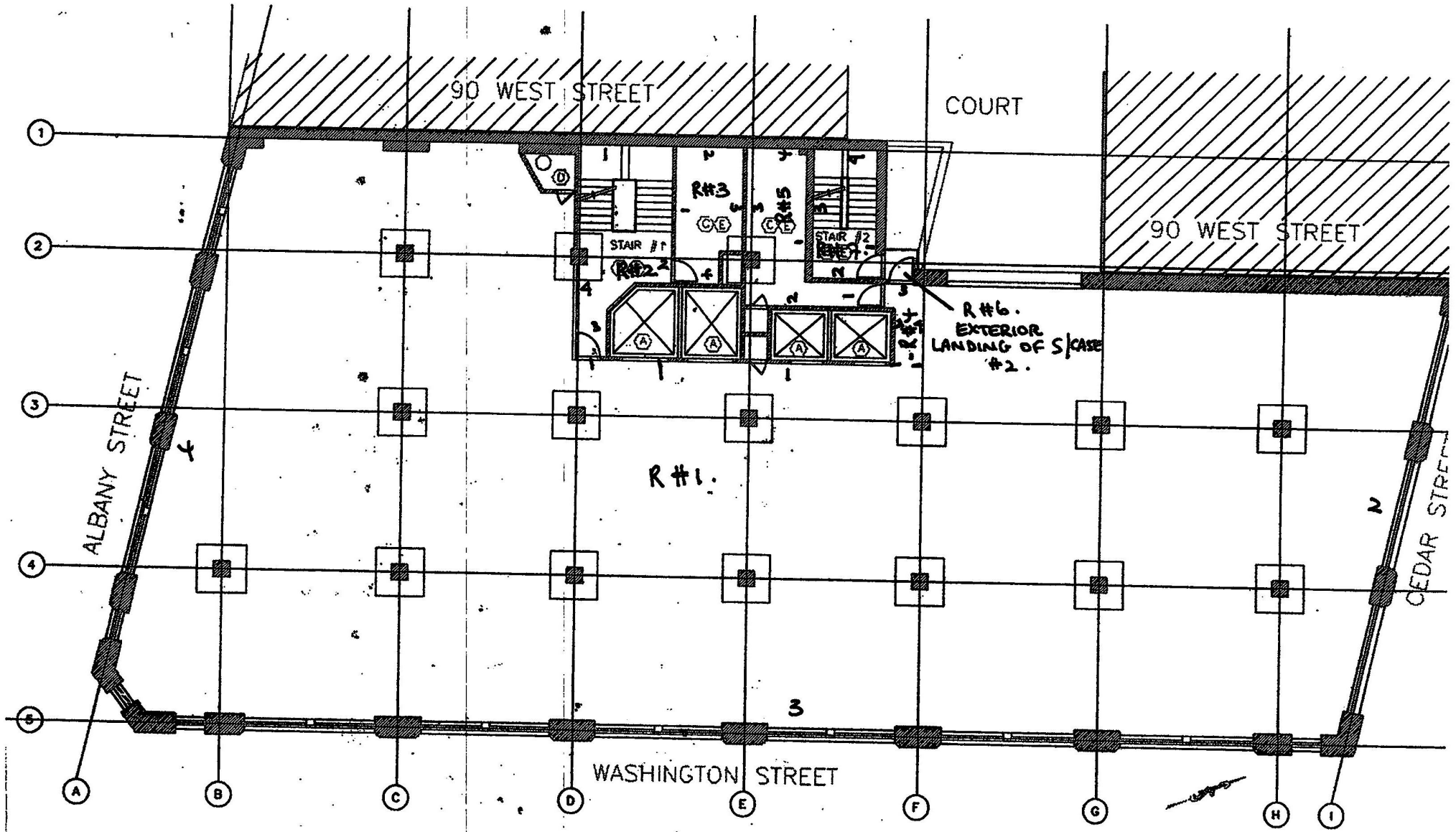


3RD FLOOR

RM #1 – STAIR CASE #1.
2 – WOMEN'S BATHROOM.
3 – OPEN SPACE AREA.
4 – MEN'S BATHROOM.
5 – STAIRCASE 2.
6 – EXTERIOR LANDING OF STAIRCASE #2 (B).

NYC 9/11 Public Portal Document

NYC-WTC_000125513



5th floor

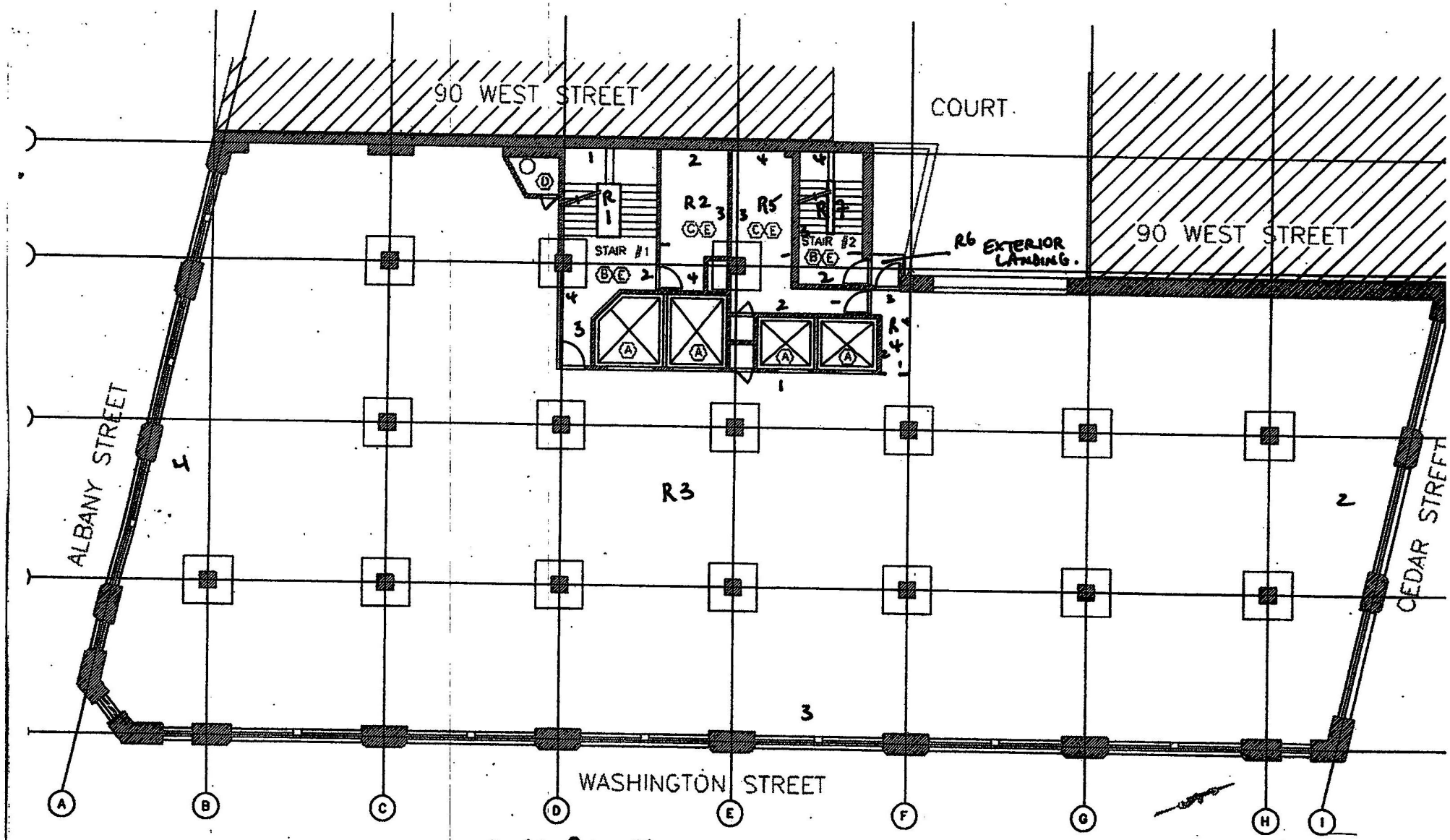
R#1 - OPEN AREA.
2 - STAIR CASE #1.
3 - WOMEN'S BATHROOM.
4 - HALLWAY TO 2ND STAIRCASE (B).
5 - WOMEN BATHROOM.
6 - EXTER LANDING OF STAIRCASE #2 (B).
7 - STAIR CASE #2.

NYC 9/11 Public Portal Document

NYC-WTC_000125514

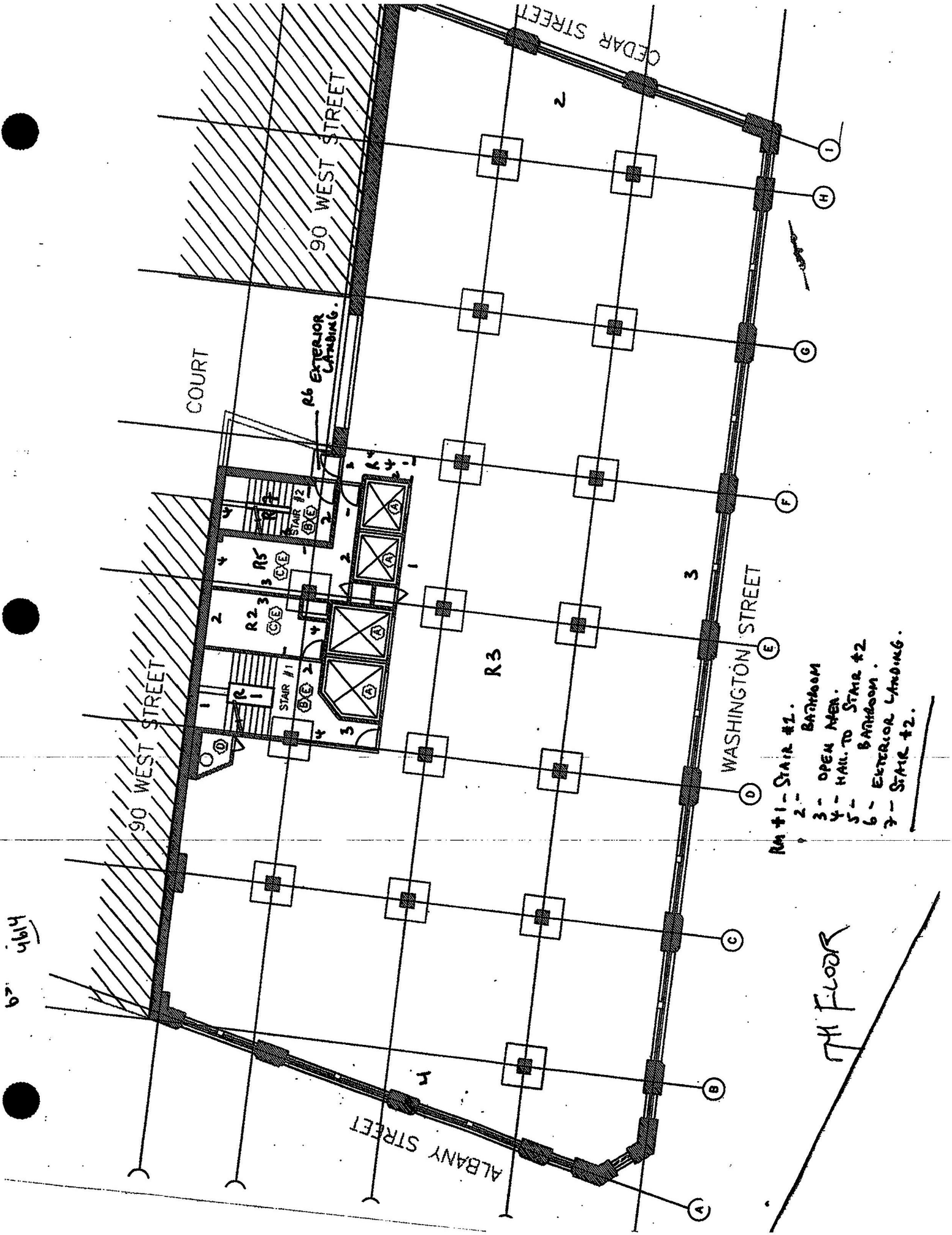
NYC 9/11 Public Portal Document

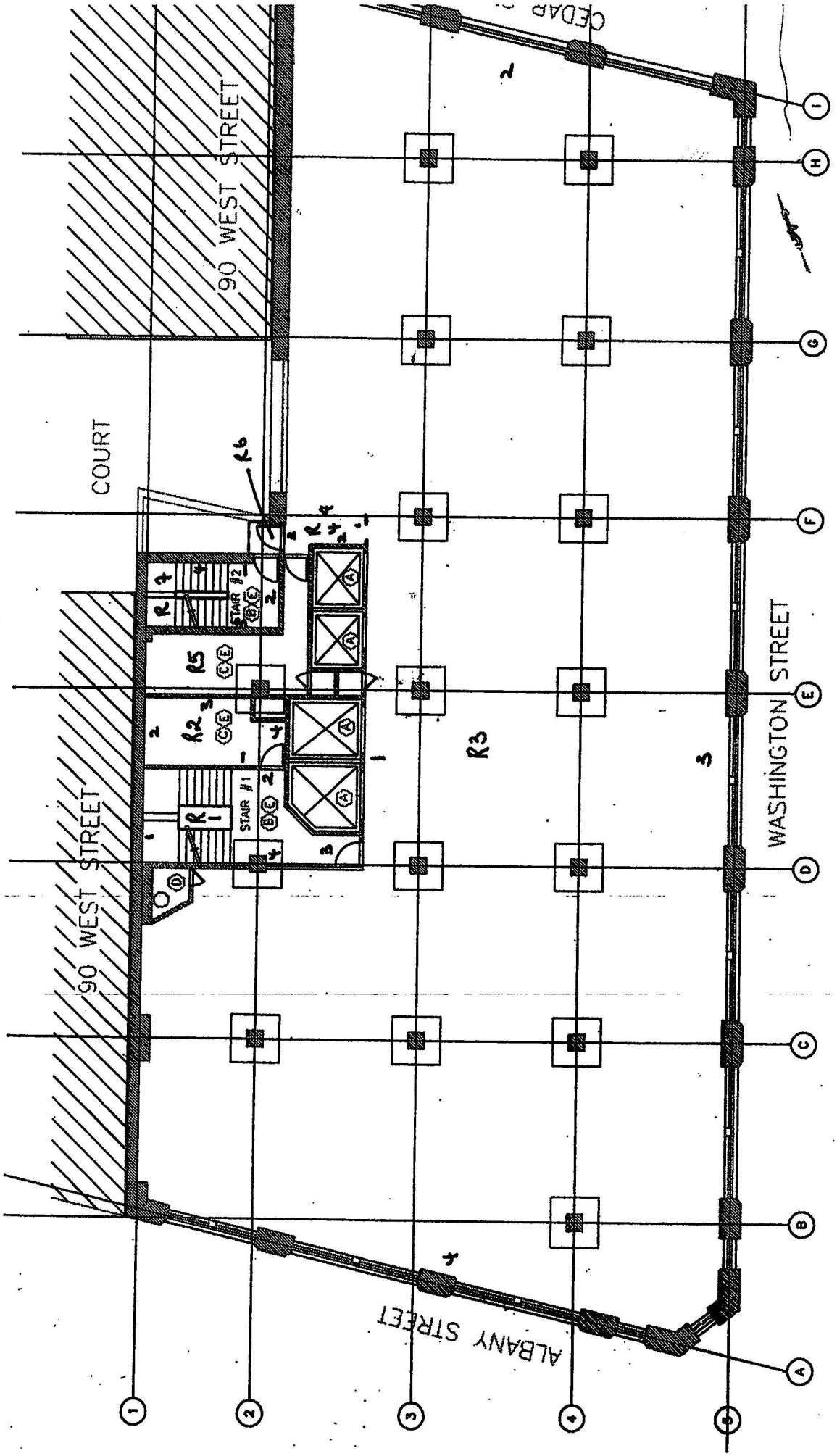
631-234
4614

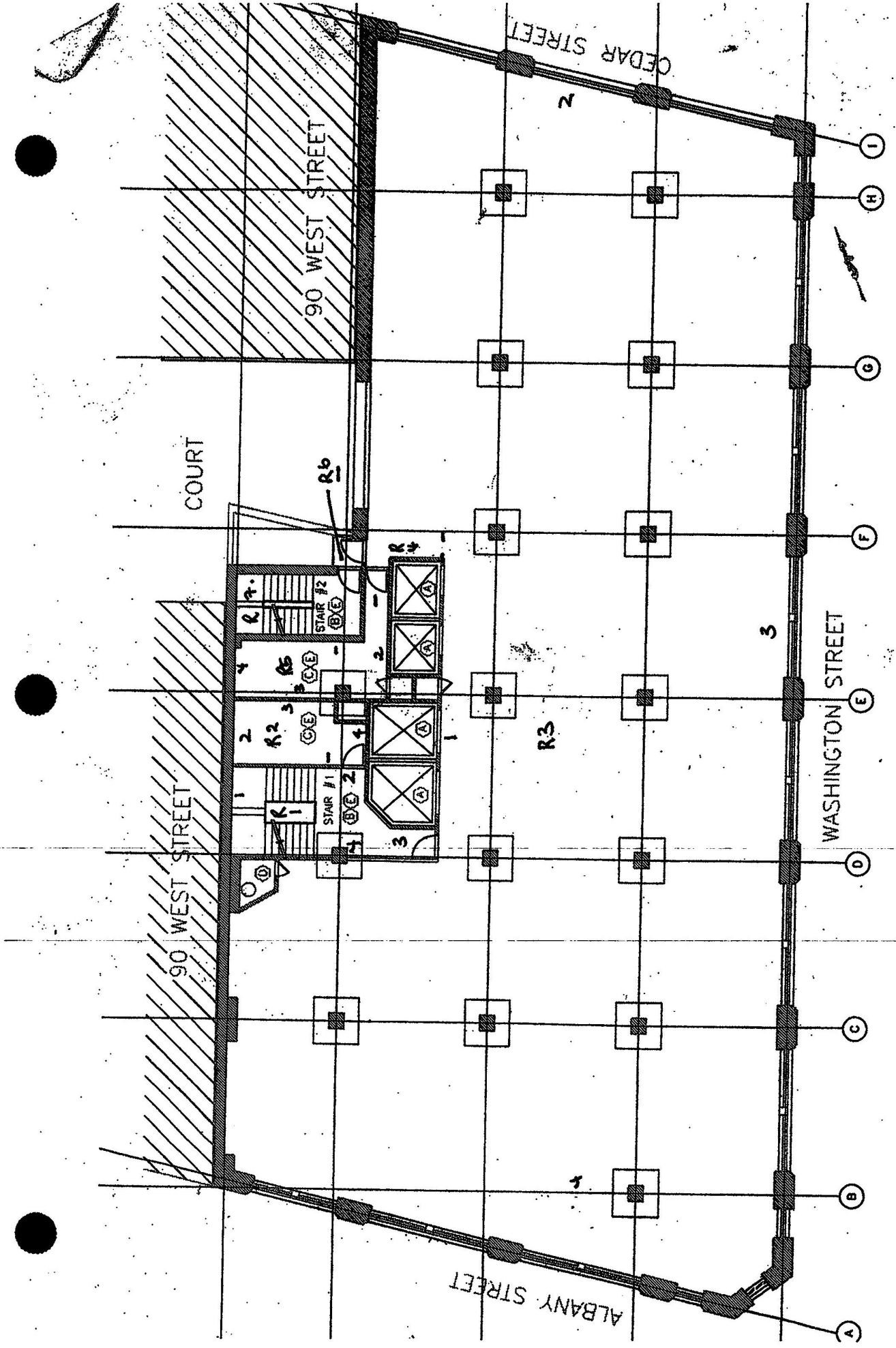


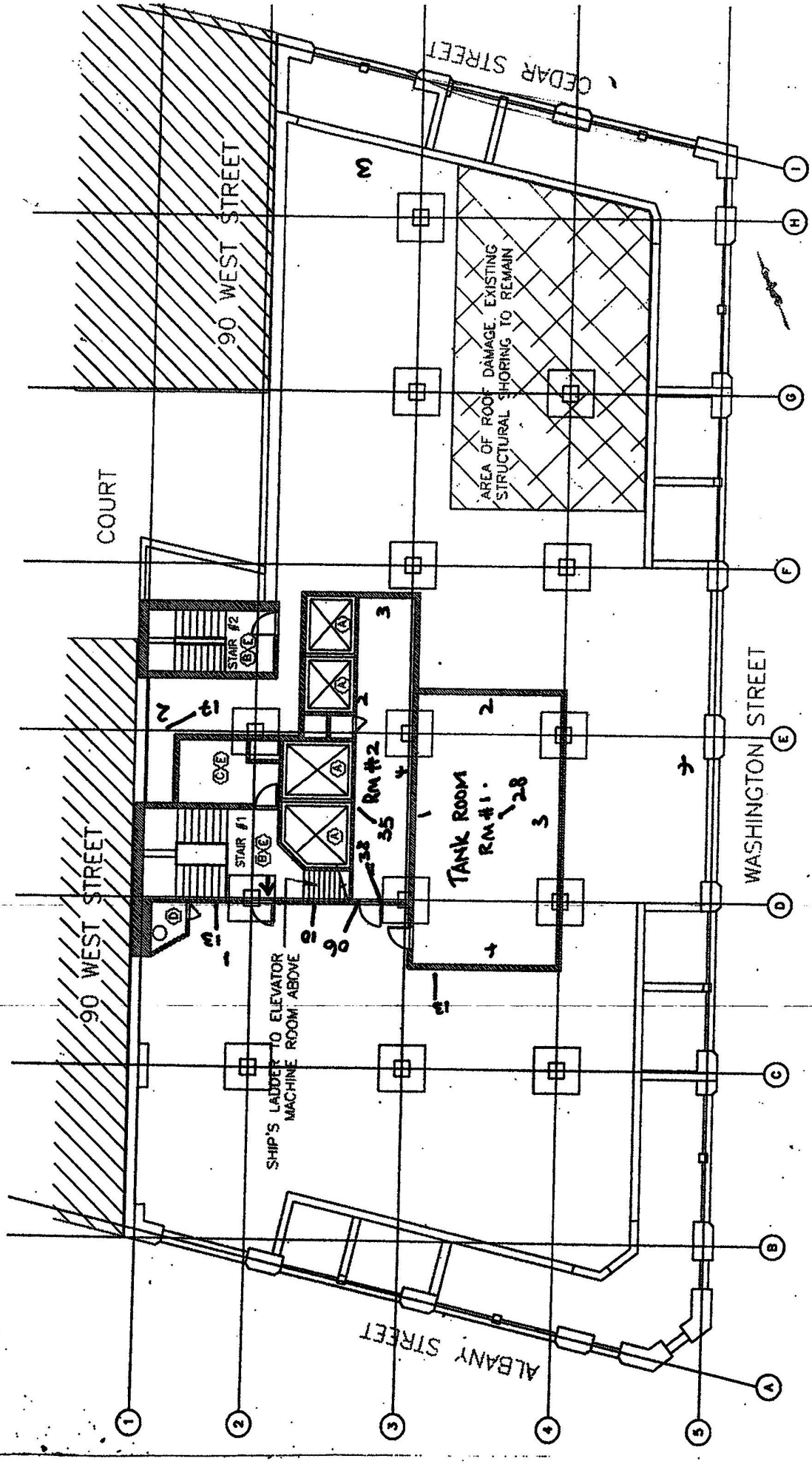
RM #1 - STAIR #2.
2 - BATHROOM
3 - OPEN MER.
4 - HALL TO STAIR #2
5 - BATHROOM.
6 - EXTERIOR LANDING.
7 - STAIR #2.

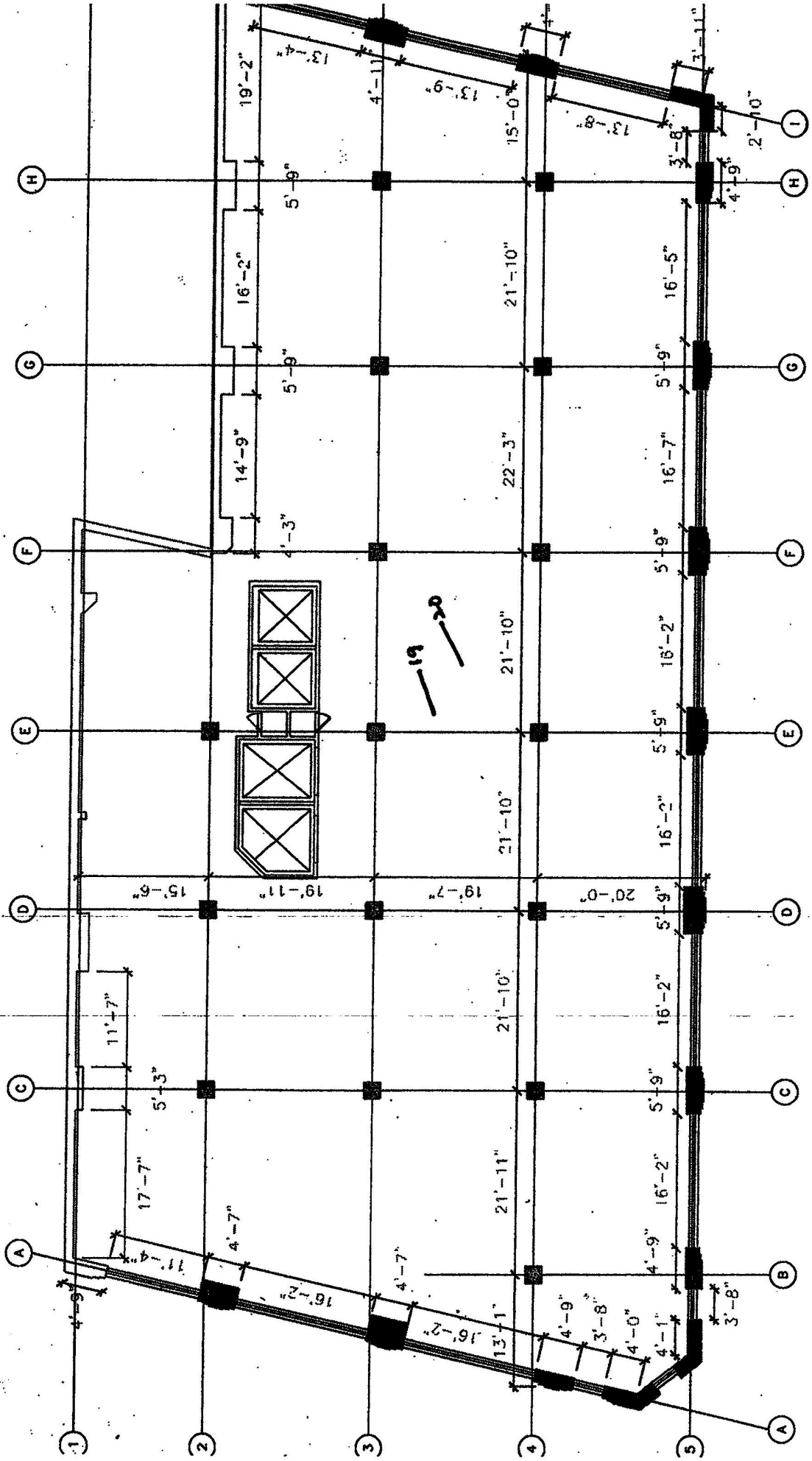
6th FLOOR

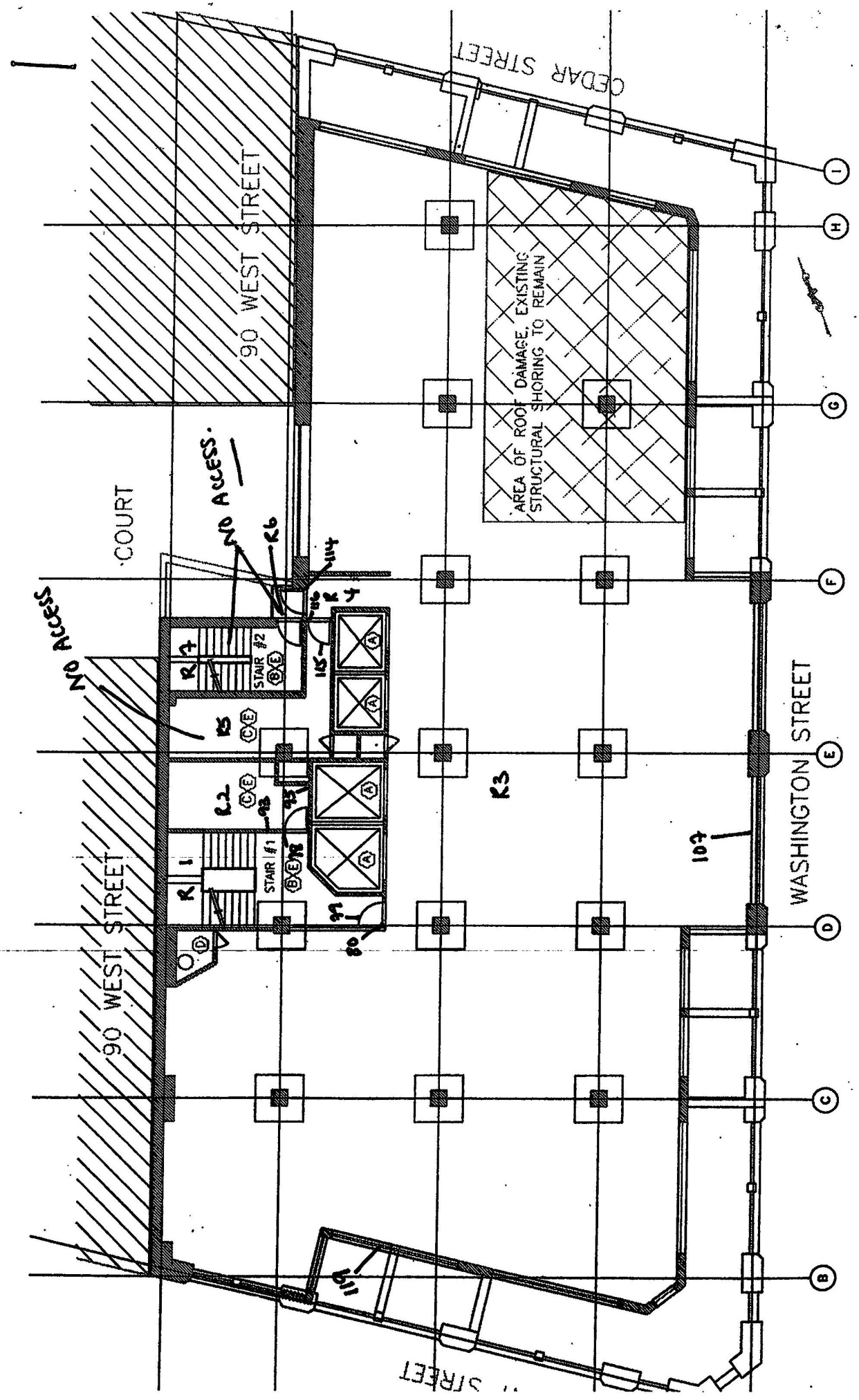

CEDAR STREET
90 WEST STREET
COURT
R6 EXTERIOR LANDING.
STAIR #2
STAIR #1
R5
R2
R3
90 WEST STREET
WASHINGTON STREET
ALBANY STREET
Rm #1 - STAIR #2.
2 - BATHROOM
3 - OPEN AREA.
4 - HALL TO STAIR #2
5 - BATHROOM.
6 - EXTERIOR LANDING.
7 - STAIR #2.
7TH FLOOR


90 WEST STREET
COURT
R6
R4
R5
R2
R1
R3
STAIR #2
STAIR #1
WASHINGTON STREET
90 WEST STREET
ALBANY STREET
8th Floor


CEDAR STREET
90 WEST STREET
COURT
WASHINGTON STREET
90 WEST STREET
ALBANY STREET
STAIR #2
STAIR #1
R1
R2
R3
R4
R5
R6
9th FLOOR

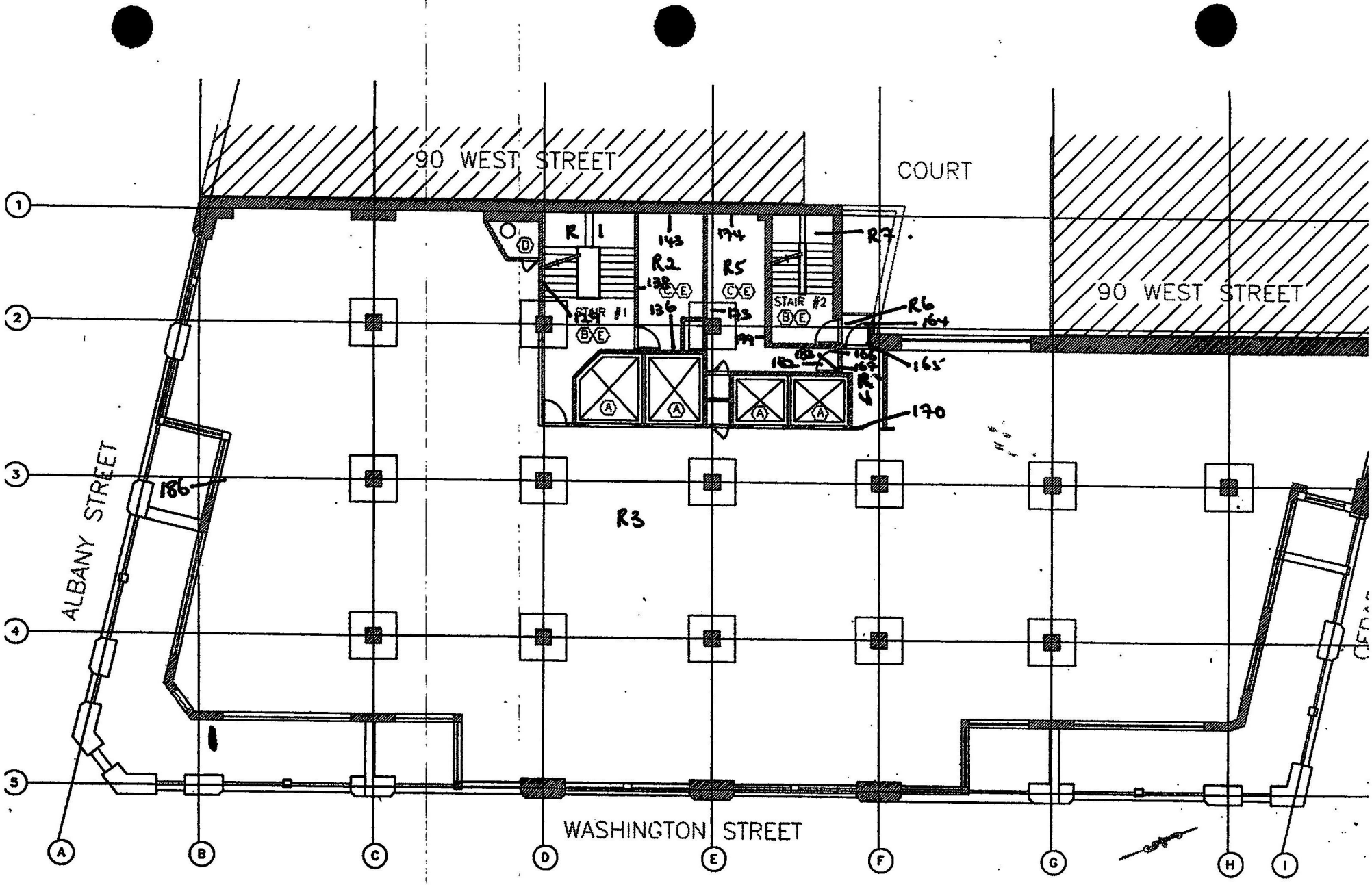

CEDAR STREET
90 WEST STREET
AREA OF ROOF DAMAGE. EXISTING STRUCTURAL SHORING TO REMAIN
COURT
STAIR #2
STAIR #1
TANK ROOM
RM #1
RM #2
WASHINGTON STREET
90 WEST STREET
SHIP'S LADDER TO ELEVATOR MACHINE ROOM ABOVE
ALBANY STREET
ROOF


BULKHEAD ROOF


CEDAR STREET
90 WEST STREET
AREA OF ROOF DAMAGE, EXISTING STRUCTURAL SHORING TO REMAIN
COURT
NO ACCESS
NO ACCESS
R6
R4
R7
STAIR #2
R5
R2
R1
STAIR #1
R3
WASHINGTON STREET
90 WEST STREET
STREET
107
119
114
115
116
93
95
98
99
80
A
B
C
D
E
F
G
H
I

12th FLOOR

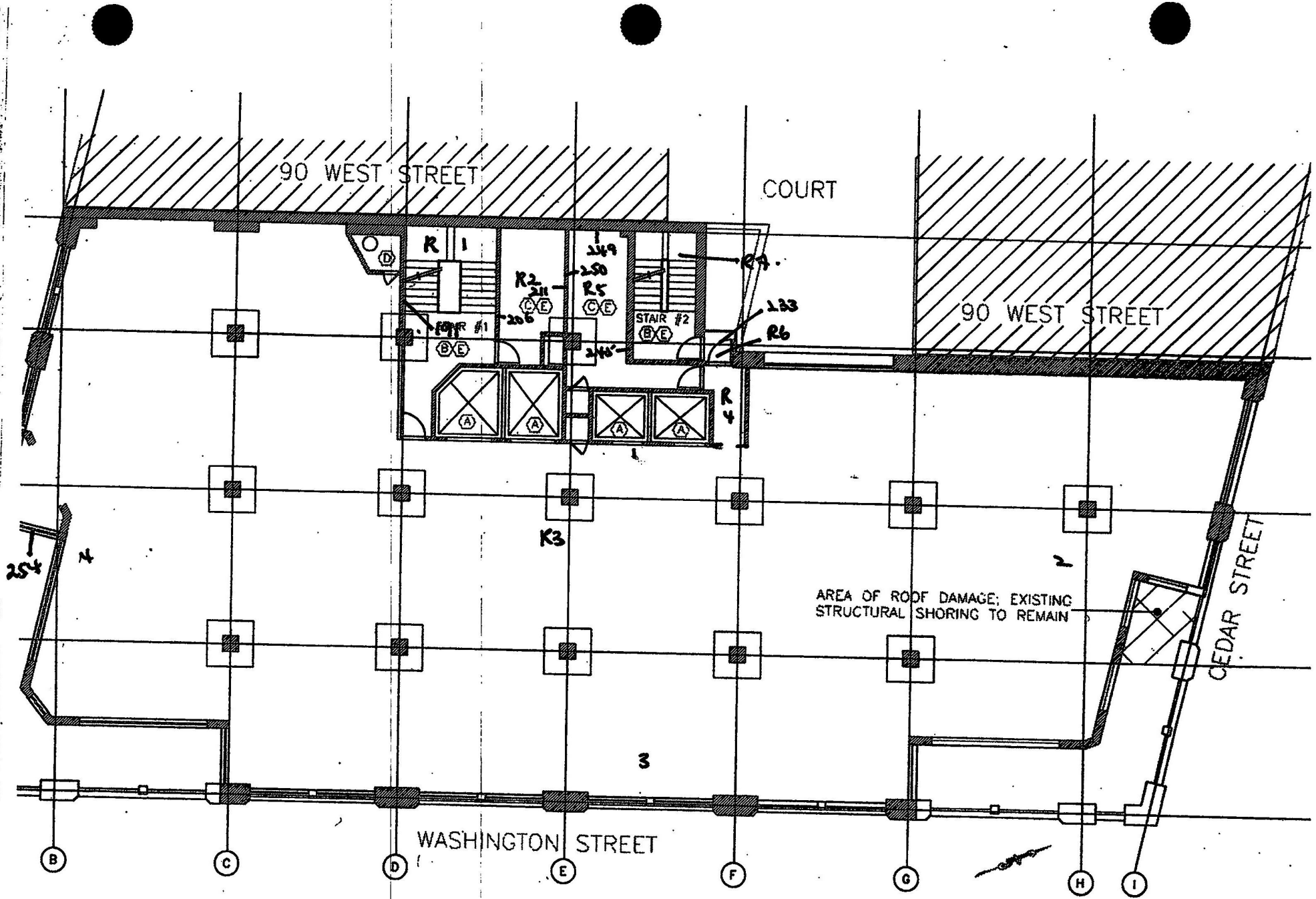
NYC-WTC_000125521



11th Floor

NYC 9/11 Public Portal Document

NYC-WTC_000125522



10th FLOOR

NYC 9/11 Public Portal Document

NYC 9/11 Public Portal Document

APPENDIX F

WINDOW & SPANDREL QUANTITY SPREADSHEET

NYC-WTC_000125524

NYC 9/11 Public Portal Document

Existing window opening/spandrel length in Linear Feet

Floor	Cedar			Washington			Albany corner			Albany			West Court
	Width of bay: 3 bays of 13'-8"	Window area	spandrel area	Width of bay: 6 bays of 16'-1-1/2"; 2 bays of 3'-8"	Window area	spandrel area	Width of 1 bay of 3'-8"	Window area	spandrel area	Width of 1 bay of 3'-8"; 2 bays of 16'-1-1/2"; 1 bay of 11'-4"	Window area	spandrel area	
						Concrete panels							
1.00	41.00	492.00	0.00	104.00	1248.00	0.00	3.67	44.00	0.00	47.25	567.00	0.00	0.00
2.00	41.00	348.50	143.50	104.00	884.00	364.00	3.67	31.17	12.83	47.25	401.63	165.38	14.60
3.00	41.00	348.50	143.50	104.00	884.00	364.00	3.67	31.17	12.83	47.25	401.63	165.38	16.00
	123.00	1045.50	430.50	312.00	2652.00	1092.00	11.00	93.50	38.50	141.75	1204.88	496.13	30.60
						Brick cladding							
4.00	41.00	348.50	143.50	104.00	884.00	364.00	3.67	31.17	12.83	47.25	401.63	165.38	16.00
5.00	41.00	348.50	143.50	104.00	884.00	364.00	3.67	31.17	12.83	47.25	401.63	165.38	16.00
6.00	41.00	348.50	143.50	104.00	884.00	364.00	3.67	31.17	12.83	47.25	401.63	165.38	16.00
7.00	41.00	348.50	143.50	104.00	884.00	364.00	3.67	31.17	12.83	47.25	401.63	165.38	16.00
8.00	41.00	348.50	143.50	104.00	884.00	364.00	3.67	31.17	12.83	47.25	401.63	165.38	16.00
9.00	41.00	348.50	143.50	104.00	884.00	364.00	3.67	31.17	12.83	47.25	401.63	165.38	16.00
10.00	33.50	284.75	117.25	96.75	822.38	338.63	3.67	31.17	12.83	47.25	401.63	165.38	16.00
11.00	33.50	284.75	117.25	96.75	822.38	338.63	3.67	31.17	12.83	43.33	368.31	151.66	16.00
12.00	33.50	284.75	117.25	96.75	822.38	338.63	3.67	31.17	12.83	43.33	368.31	151.66	16.00
l.f.	346.50	2945.25	1212.75	914.25	7771.13	3199.88	33.00	280.49	115.50	413.49	3514.67	1447.22	144.00