

Asbestos Containing Materials Inspection

**Capital Plaza Office Tower
500 Mero Street
Frankfort, Kentucky**



Prepared for:

**Kentucky Finance & Administration Cabinet
Division of Engineering & Contract Administration
403 Wapping Street
Frankfort, Kentucky 40601**

Prepared by:

Lee Engineering, LLC
Environment & Infrastructure

**P.O. Box 500
Lawrenceburg, KY 40342
(502) 859-0190 ♦ (502) 859-3000 fax
jlleeeng@bellsouth.net**

April 7, 2014

April 7, 2014

Mr. Maziar Torabi
KY Finance and Administration Cabinet
Division of Engineering
Frankfort, KY 40601

RE: Asbestos Inspection
Capital Plaza Office Tower
500 Mero Street
Frankfort, KY 40601

Dear Mr. Torabi:

Lee Engineering, LLC has completed the authorized asbestos inspection of the Capital Plaza Office Tower located at 500 Mero Street, Frankfort, Kentucky. Several visits to the site were made in 2014: January 23rd, January 31st, February 25, February 27, March 6 and March 26. Figure 1 shows the location of the building located at 500 Mero Street, Frankfort, Kentucky.

The objective of the inspection was to identify asbestos containing materials (ACM) that could be potentially disturbed by maintenance workers/renovation projects. Generally, the building has defined work areas, offices, hallways/stairwells, maintenance/heating/cooling areas and other service areas (bathrooms, electric and communications rooms).

Asbestos containing materials (ACM) were present in several areas. ACM's were found in the following locations/floors: Ground Floor, Crawl Space, Floor 13A, 13B, Floor 14 and Floor 15. Starting at the Ground Floor, ACM's were found to be present in the Fan Room, Storage Room, Boiler Room and the Mechanical Room. There are two entry points to the Crawl Space from either stair well between the first and second floor. Two of the samples tested positive for ACM; sample # 139 and #141. The 14th floor appeared to have one asbestos source that was running under multiple work areas as shown in sample #1. The piping associated with the cooling units had ACM insulation found in the space below the raised floor. The material sampled was pipe insulation and tested positive for ACM. The insulation material was a hard caked powder material with an outside cloth wrapping. There appeared to be approximately 300 linear feet, which we estimate to cost approximately \$10 per linear foot. In our report, we have tried to put in chronological order, the sample results, floor plans, pictures and COC's to show the location of all ACM's. With the exception of materials associated with mechanical chases, the only samples testing positive were on the 15th floor in the tile mastic. Analytical results for each floor are highlighted in yellow; however samples that contain ACM are highlighted in light blue. Samples are located on floor plans in red with the exception of floor 13A in which samples are labeled in the color of the corresponding pipe. It should be assumed that all fire doors have friable asbestos cores.

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Lawrenceburg, Kentucky 40342
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jleeeng@bellsouth.net
Lee Engineering, LLC
Environment & Infrastructure

On every office floor, there was 12 inch floor tile that appeared to be the same material. There were some patch areas that had different colors of 12 inch tile, but all tested negative for asbestos. A summary of the sampling locations and analytical results for the positive samples are included in the table below.

Table 1 – Asbestos Containing Materials Inspection Summary

Sample ID	Location	Matrix	Color	Asbestos Content, %
58	Ground floor – Fan Room	Pipe wrap insulation	White	5
60	Ground floor – Fan Room	Elbow insulation	White	10
62	Ground floor – Fan Room	Pipe wrap insulation	White	5
66	Ground floor – Storage Room	Elbow insulation	White	7
67	Ground floor-Storage Room	Elbow insulation	White	5
78	Ground floor-Boiler Room	Over pack insulation	White	12
79	Ground floor-Mechanical Room	Valve junction	Yellow	15
81	Ground floor-Mechanical Room	Valve wrap insulation	White	3
139	Crawl Space – Between 1 st and 2 nd floor	Pipe -Fitting coating	White	5
141	Crawl Space – Between 1 st and 2 nd floor	Pipe -Fitting/elbow coating	White	15
24	Floor 13A-loose laying on top of unit	Pipe wrap insulation		35
28	Floor 13A	Elbow insulation	White	5
31	Floor 13A	Pipe wrap insulation	White	12
32	Floor 13A	Valve insulation	White	20
36	Floor 13A	Elbow insulation	White	15
37	Floor 13A	Elbow insulation	White	12
38	Floor 13A	Elbow insulation	White	12
44	Floor 13A	Pipe wrap insulation	White	10
45	Floor 13A	Pipe wrap insulation	White	8
51	Floor 13B	Pipe wrap insulation	White	15
52	Floor 13B	Pipe wrap insulation	White	12
53	Floor 13B	Valve insulation	White	12
1	Under 14 th floor	Pipe insulation	White	45
121M	Floor 15 – mastic	Floor tile mastic	Black	2

It is our opinion that based on the inspection and the analytical results the main areas of concern are the ground floor, floor 13A, floor 13B, the crawl space and floor 14. Please call me at (502) 600-0016 if you have any questions.

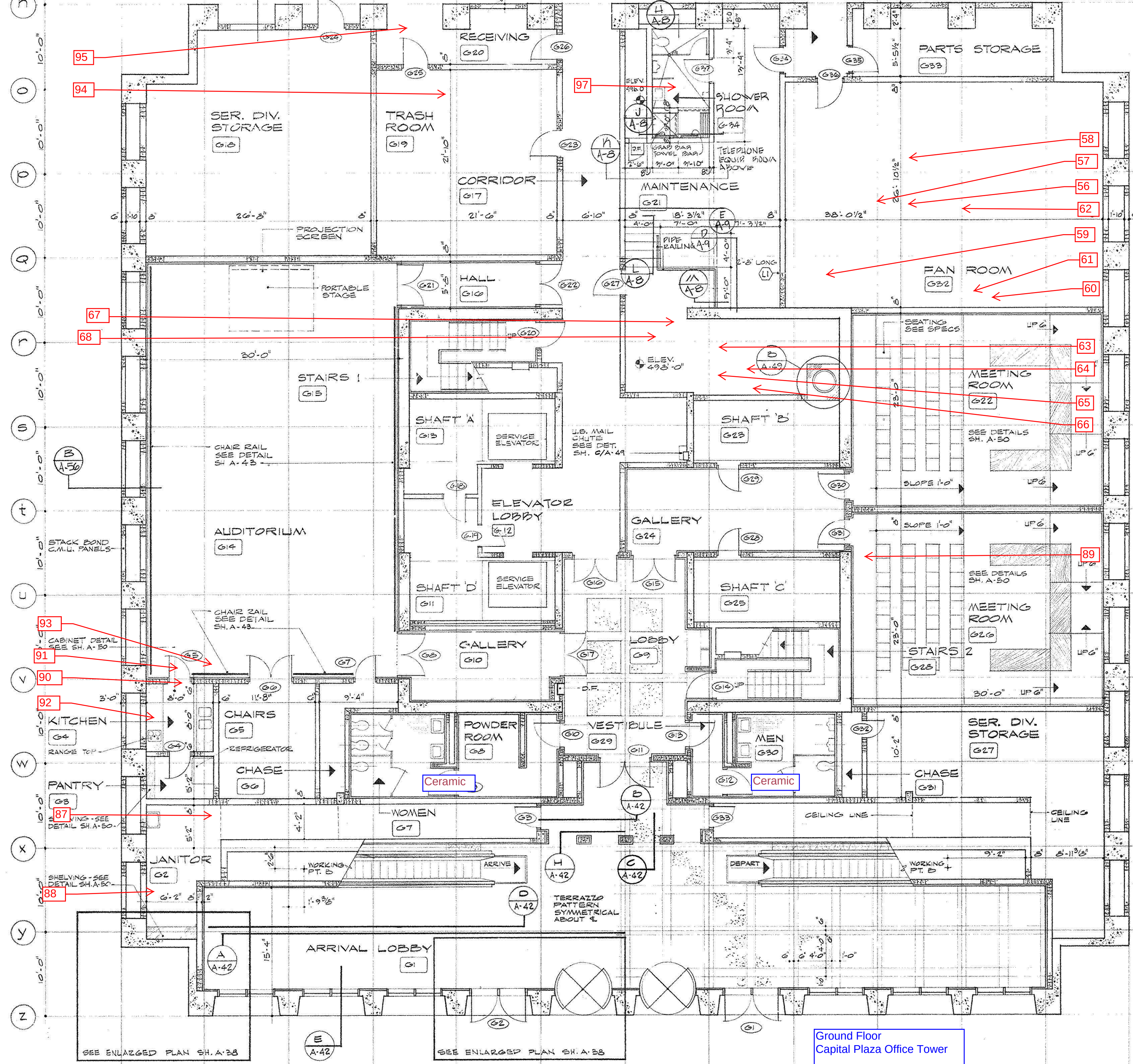
Sincerely,

Jeff Lee, P.E.

P.O. Box 500
Lawrenceburg, Kentucky 40342
Ph: (502) 859-0190
Fx: (502) 859-3000
jleeeng@bellsouth.net

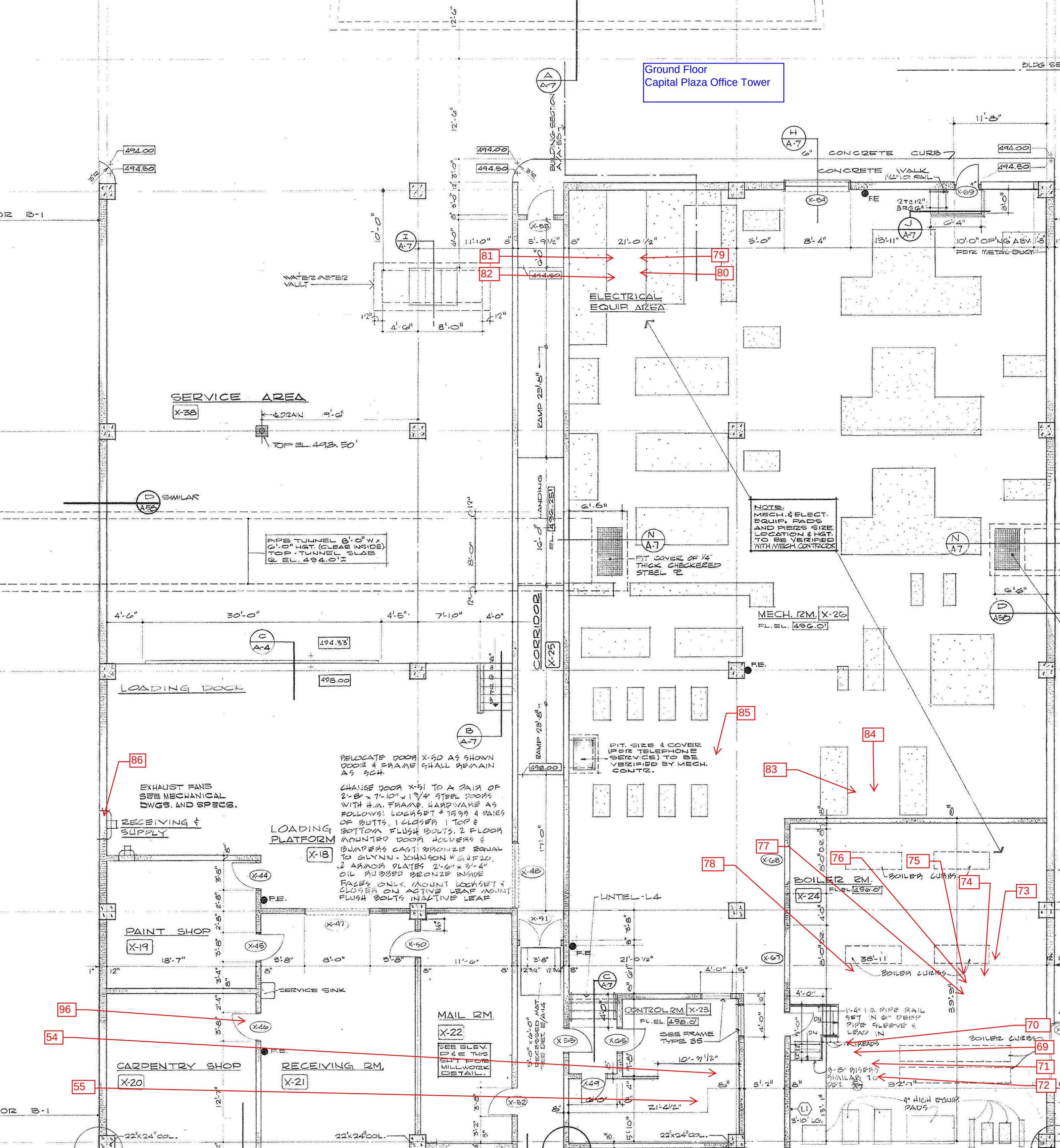


F&A Division of Engineering 403 Wapping Street 1stFloor Frankfort, Kentucky 40601	FIGURE 1
Lee Engineering, LLC P.O. Box 500 Lawrenceburg, KY 40342	Capital Plaza Office Tower 500 Mero Street Frankfort, Kentucky 40601



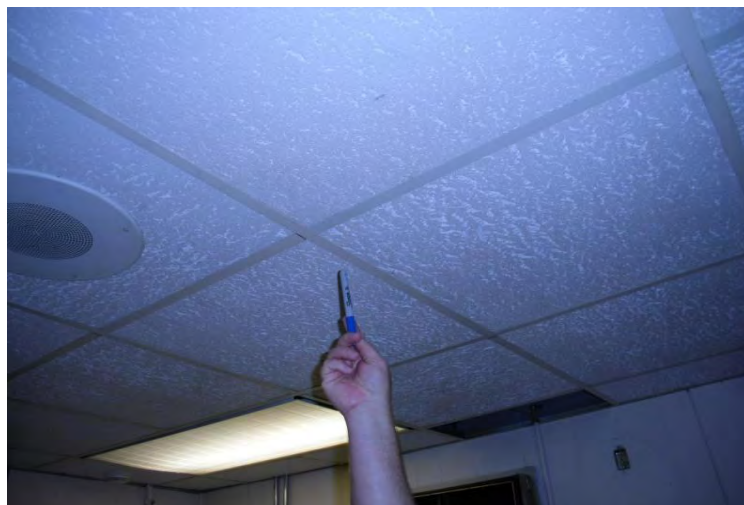
Ground Floor
Capital Plaza Office Tower

Ground Floor
Capital Plaza Office Tower

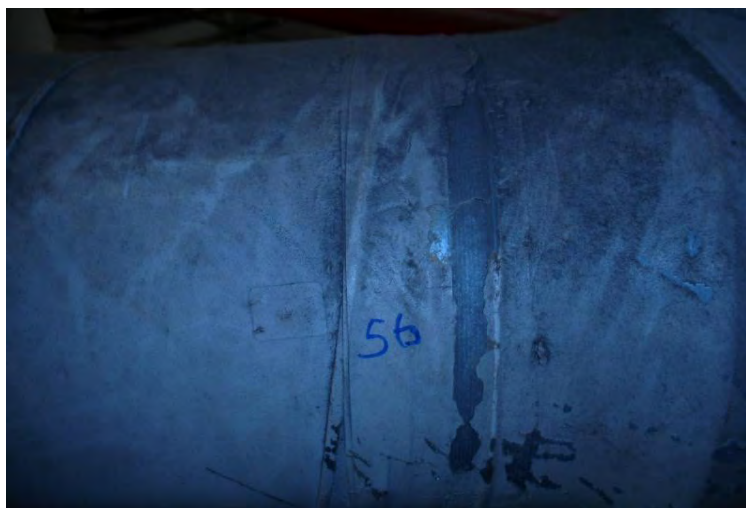




Sample 54
Floor tile
Ground floor



Sample 55
Ceiling tile
Ground floor



Sample 56
Vent tape
Ground floor



Sample 57
Pipe wrap
Ground floor



Sample 58
Pipe wrap
Ground floor



Sample 59
Pipe wrap
Ground floor



Sample 60
Elbow
Ground floor



Sample 61
Pipe wrap
Ground floor



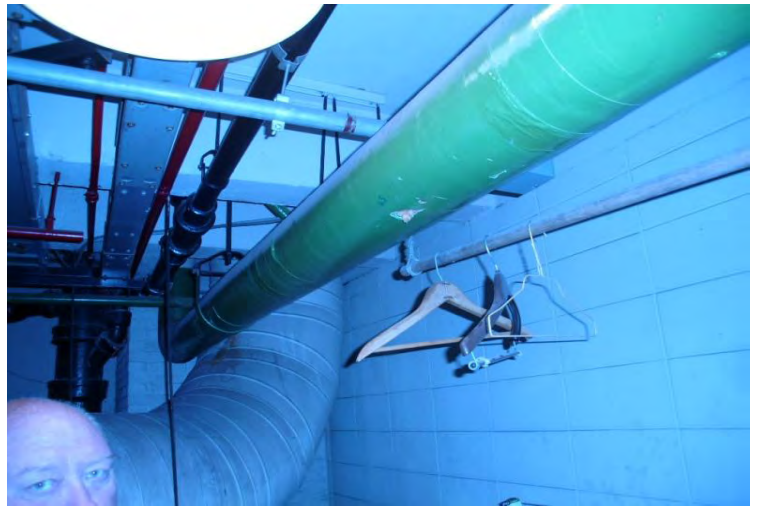
Sample 62
Pipe wrap
Ground floor



Sample 63
Vent tape
Ground floor



Sample 64
Tape mud
Ground floor



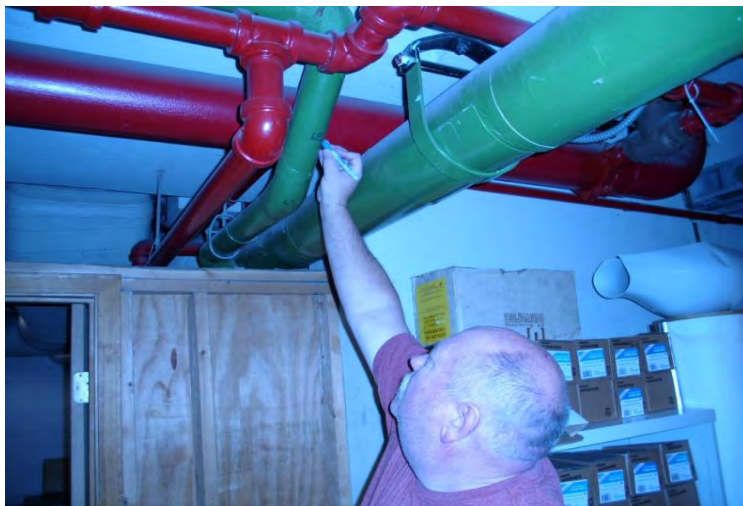
Sample 65
Pipe wrap
Ground floor



Sample 66
Elbow
Ground floor



Sample 67
Elbow
Ground floor



Sample 68
Pipe wrap
Ground floor



Sample 69
Pipe wrap
Boiler Room



Sample 70
Elbow
Boiler Room



Sample 71
Pipe wrap
Boiler Room



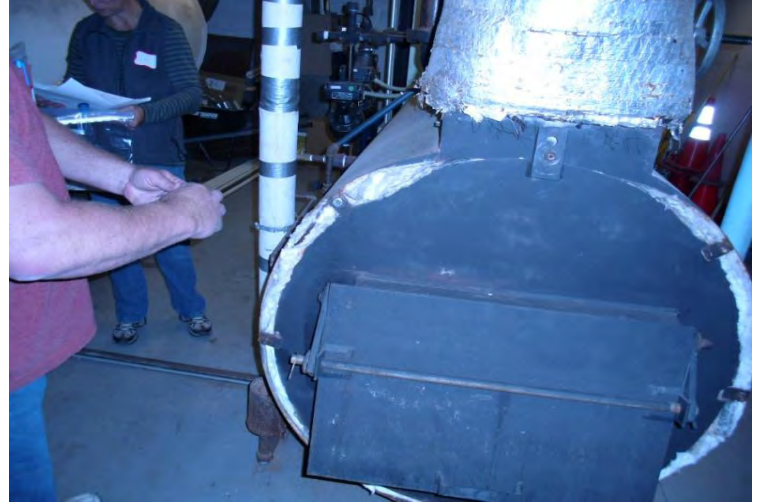
Sample 72
Elbow
Boiler Room



Sample 73
Tank insulation
Boiler Room



Sample 74
Pipe wrap tank
Boiler Room



Sample 75
Door insulation
Boiler Room



Sample 76
Pipe wrap tank
Boiler Room



Sample 77
Pipe wrap
Boiler Room



Sample 78
Over pack
Boiler Room



Sample 79
Valve junction
Mechanical Room



Sample 80
Pipe insulation
Mechanical Room



Sample 81
Valve wrap
Mechanical Room



Sample 82
Elbow
Mechanical Room



Sample 83
Pipe insulation
Mechanical Room



Sample 84
Elbow
Mechanical Room



Sample 85
Loose thermal
Mechanical Room



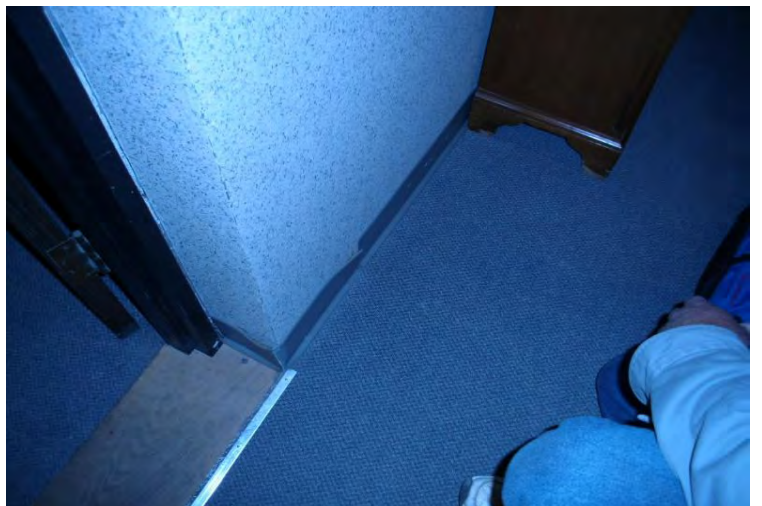
Sample 86
Ceiling tile
Ground floor



Sample 87
Ceiling tile
Ground floor



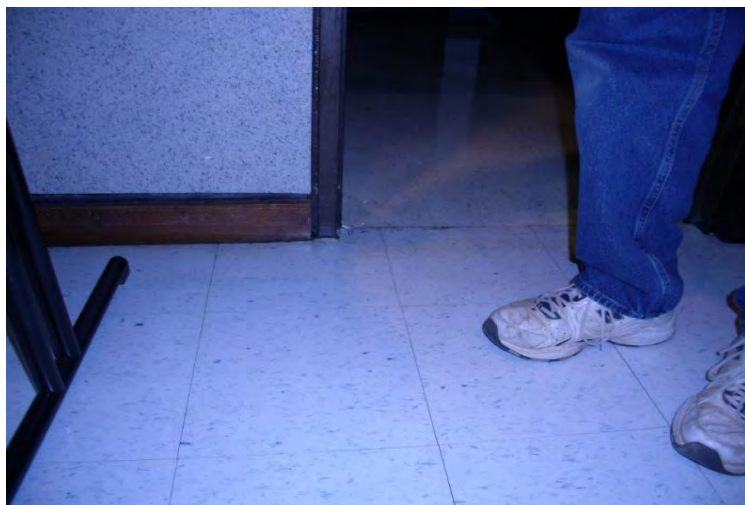
Sample 88
Pipe wrap
Ground floor



Sample 89
Baseboard mastic
Ground floor



Sample 90
Floor tile
Ground floor



Sample 91
Floor tile
Ground floor



Sample 92
Ceiling tile
Ground floor



Sample 93
Wall covering
Ground floor



Sample 94
Ceiling tile
Ground floor



Sample 95
Ceiling tile
Ground floor



Sample 96
Floor tile
Ground floor



Sample 97
Ceiling covering
Ground floor

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
 Client Name: State Of KY Frankfort, KY
 Sampled By: Bob Keiser

Number	Color			% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
		Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 50	Yellow	Yes	Yes				None		98%		2%
# 51	White	Yes	Yes	15%				3%	37%		45%
# 52	White	Yes	Yes	12%				3%	40%		45%
# 53	White	Yes	Yes	12%				2%	38%		48%
# 54	Yellow	Yes	Yes				None	2%			98%
# 55	White	Yes	Yes				None	55%	30%		15%
# 56	White	Yes	Yes				None	98%			2%
# 57	Yellow	Yes	Yes				None		99%		1%
# 58	White	Yes	Yes	5%				3%	42%		50%
# 59	Yellow	Yes	Yes				None		98%		2%
# 60	White	Yes	Yes	10%				3%	52%		35%
# 61	Yellow	Yes	Yes				None		98%		2%
# 62	White	Yes	Yes	5%				2%	43%		50%
# 63	White	Yes	Yes				None	55%	40%		5%
# 64	White	Yes	Yes				None	5%			95%
# 65	Yellow	Yes	Yes				None		97%		3%
# 66	White	Yes	Yes	7%				3%	25%		65%
# 67	White	Yes	Yes	5%				2%	40%		55%
# 68	Yellow	Yes	Yes				None		99%		1%
# 69	Yellow	Yes	Yes				None		97%		3%

Methodology : EPA Method 600/R-93-116

Page # 3

Date Analyzed : 5-Mar-14
 Analyst : Winterford Mensah

Reviewed By: 

The test relates only to the items tested. This report does not represent endorsement by NVLAP or any agency of the U.S Government. Partial Reproduction of any part of this report is strictly prohibited. Samples shall be retained for (30) days.

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Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)

Number	Color			% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
		Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 70	Pink	Yes	Yes				None		99%		1%
# 71	Yellow	Yes	Yes				None		97%		3%
# 72	Yellow	Yes	Yes				None		99%		1%
# 73	Mixed	Yes	Yes				None	5%	93%		2%
# 74	Yellow	Yes	Yes				None		98%		2%
# 75	White	Yes	Yes				None		97%		3%
# 76	Yellow	Yes	Yes				None		99%		1%
# 77	Yellow	Yes	Yes				None		99%		1%
# 78	White	Yes	Yes	12%				3%	50%		35%
# 79	White	Yes	Yes	15%				5%	45%		35%
# 80	Yellow	Yes	Yes				None		99%		1%
# 81	White	Yes	Yes	3%				5%			92%
# 82	Yellow	Yes	Yes				None		97%		3%
# 83	Yellow	Yes	Yes				None		99%		1%
# 84	Yellow	Yes	Yes				None		98%		2%
# 85	White	Yes	Yes				None	43%			57%
# 86	White	Yes	Yes				None	55%	30%		15%
# 87	White	Yes	Yes				None	58%	27%		15%
# 88	Yellow	Yes	Yes				None		98%		2%
# 89	Yellow	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

Page # 4

Date Analyzed : 7-Mar-14

Analyst : Winterford Mensah

Reviewed By:



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332 West Broadway, Suite 613
Louisville, Kentucky 40202(502) 495-1212
Fax: (502) 491-7111**BULK SAMPLE ASBESTOS ANALYSIS**

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 90	Tan	Yes	Yes				None	3%			97%
# 91	White	Yes	Yes				None	2%			98%
# 92	White	Yes	Yes				None	55%	30%		15%
# 93	White	Yes	Yes				None	12%			88%
# 94	White	Yes	Yes				None	58%	27%		15%
# 95	White	Yes	Yes				None	55%	25%		20%
# 96	White	Yes	Yes				None	2%			98%
# 97	White	Yes	Yes				None	8%			92%
# 98	White	Yes	Yes				None	3%			97%
# 99	Gray	Yes	Yes				None				100%
# 100	Green	Yes	Yes				None	2%			98%
# 101	Black	Yes	No				None				100%
# 102	White	Yes	Yes				None	2%			98%
# 103	White	Yes	Yes				None	3%			97%
# 104	White	Yes	Yes				None	2%			98%
# 105	White	Yes	Yes				None	3%			97%

Methodology : EPA Method 600/R-93-116

Page # 5

Date Analyzed : 14-Mar-14

Analyst : Winterford Mensah

Reviewed By:


Signature

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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>2-27-14</u> Address: <u>500 Mero Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
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Sample #	Room #	Floor #	Location	Matrix	Color	Size	color of pipe Comments
54	Control room	G	floor	tile	gray		
55	Control room	G	ceiling	tile	white		
56	Fan Room	G	vent tape	tape	white	18"	
57	Fan Room	G	pipe wrap	insulation		8"	green
58	Fan Room	G	pipe wrap	insulation	white	10"	orange
59	Fan Room	G	pipe wrap	insulation	yellow	6"	orange
60	Fan Room	G	elbow	insulation	white	4"	green
61	Fan Room	G	pipe wrap	insulation	yellow	4"	green
62	Fan Room	G	pipe wrap	insulation	white	6"	orange
63	Storage room	G	vent tape	tape	white	30"	white
64	Storage room	G	tape mud	mud	white	30"	white
65	Storage room	G	pipe wrap	insulation	yellow	10"	green
66	Storage room	G	elbow	insulation	white	10"	green
67	Storage room	G	elbow	insulation	white	3"	green
68	Storage room	G	pipe wrap	insulation	yellow	3"	green
69	Boiler Room	G	pipe wrap	insulation	yellow	20"	white
70	Boiler Room	G	elbow	insulation	pink	20"	orange
71	Boiler Room	G	pipe wrap	insulation	yellow	10"	orange
72	Boiler Room	G	elbow	insulation	yellow	10"	orange
73	Boiler Room	G	tank insulation	insulation	white/yellow	500gal	white
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	

Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>2-27-14</u> Address: <u>500 Mero Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
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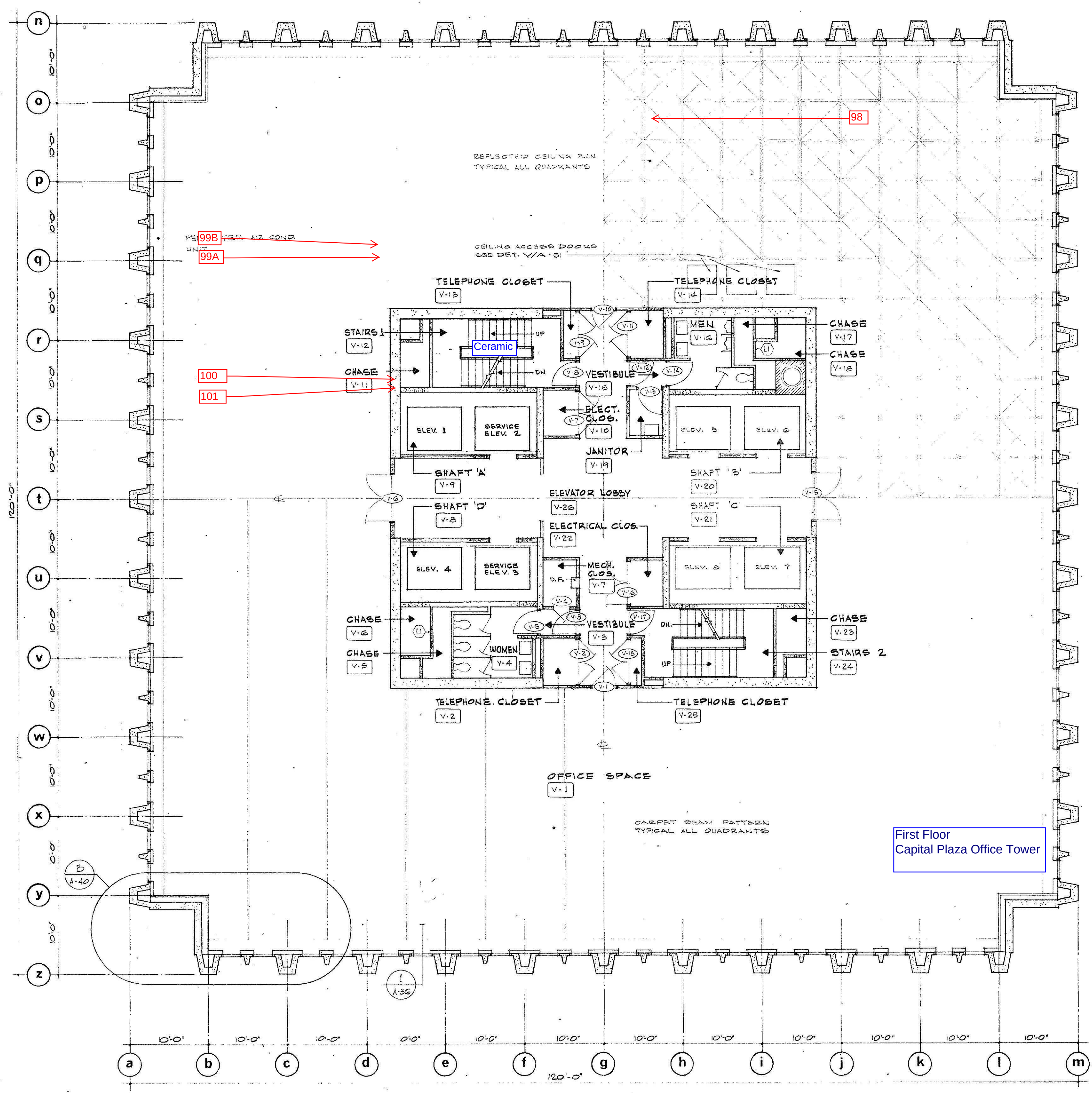
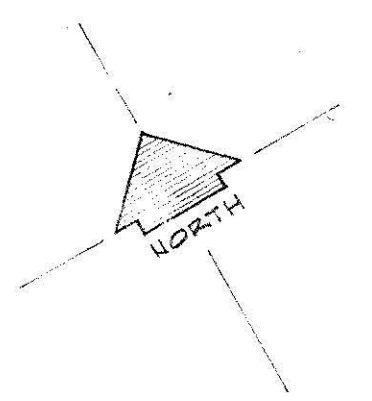
Sample #	Room #	Floor #	Location	Matrix	Color	Size	color of pipe Comments
74	Boiler	G	pipe wrap tank	insulation	yellow	4"	white
75	Boiler	G	door insulation	insulation on tank	white	500 gal	light green
76	Boiler	G	pipe wrap tank	insulation	yellow	500 gal	silver
77	Boiler	G	pipe wrap	insulation	yellow	4"	light blue
78	Boiler	G	over pack	insulation	white	24"	gray
79	Mechan.	G	valve junction	insulation	yellow	18"	green
80	Mech.	G	pipe insul	insulation	yellow	18"	green
81	Mech.	G	valve wrap	insulation	white	24"	green
82	Mech.	G	elbow	insulation	yellow	18"	green
83	Mech.	G	pipe insul.	insulation	yellow	18"	orange
84	Mech.	G	elbow	plastic coated	yellow	18"	orange
85	Mech.	G	loose thermal	insulation	white	3"	white-loose
86	Receiving Supply	G	ceiling	tile	white		
87	Janitor room	G	ceiling	tile	white		
88	Janitor room	G	pipe wrap	insulation	yellow	6"	white
89	Meeting room	G	baseboard	mastic	yellow		gray
90	Kitchen	G	floor	tile	tan		
91	Audit.	G	floor	tile	gray		
92	Kitchen	G	ceiling	tile	white		
93	Audit.	G	wall	covering	white		gray marble

Relinquished By: Signature	Received By: Signature	Date & Time
Relinquished By: Signature	Received By: Signature	Date & Time

Asbestos Inspection Form and Chain of Custody

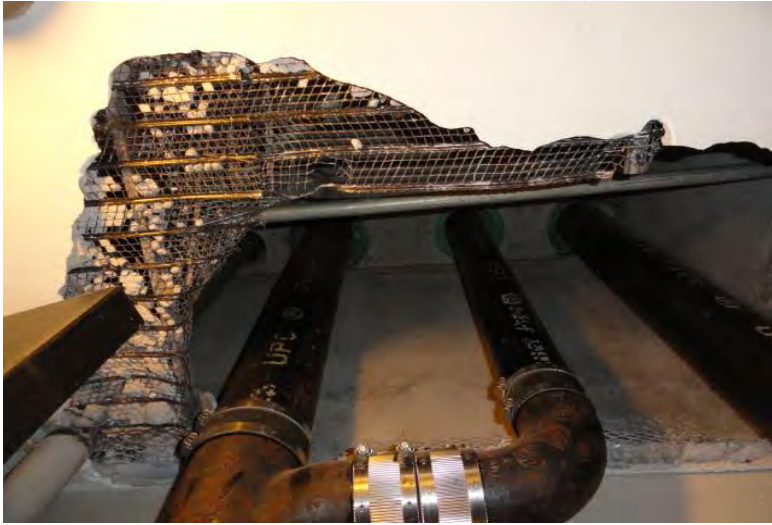
Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>2-27-14</u>	P.O. Box 500
Address: <u>500 Meno Street, Frankfort</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

[illegible]



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

1/8" = 1'-0"



Sample 98
Ceiling plaster
Floor 1



Sample 99A
Sample 99B
Floor concrete/mastic
Floor 1



Sample 100
Floor tile - 12 inch
Floor 1



Sample 101
Water unit insulation
Floor 1

332 West Broadway, Suite 613
Louisville, Kentucky 40202

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Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 90	Tan	Yes	Yes				None	3%			97%
# 91	White	Yes	Yes				None	2%			98%
# 92	White	Yes	Yes				None	55%	30%		15%
# 93	White	Yes	Yes				None	12%			88%
# 94	White	Yes	Yes				None	58%	27%		15%
# 95	White	Yes	Yes				None	55%	25%		20%
# 96	White	Yes	Yes				None	2%			98%
# 97	White	Yes	Yes				None	8%			92%
# 98	White	Yes	Yes				None	3%			97%
# 99	Gray	Yes	Yes				None				100%
# 100	Green	Yes	Yes				None	2%			98%
# 101	Black	Yes	No				None				100%
# 102	White	Yes	Yes				None	2%			98%
# 103	White	Yes	Yes				None	3%			97%
# 104	White	Yes	Yes				None	2%			98%
# 105	White	Yes	Yes				None	3%			97%

Methodology : EPA Method 600/R-93-116

Page # 5

Date Analyzed : 14-Mar-14Analyst : Winterford Mensah

Reviewed By: _____

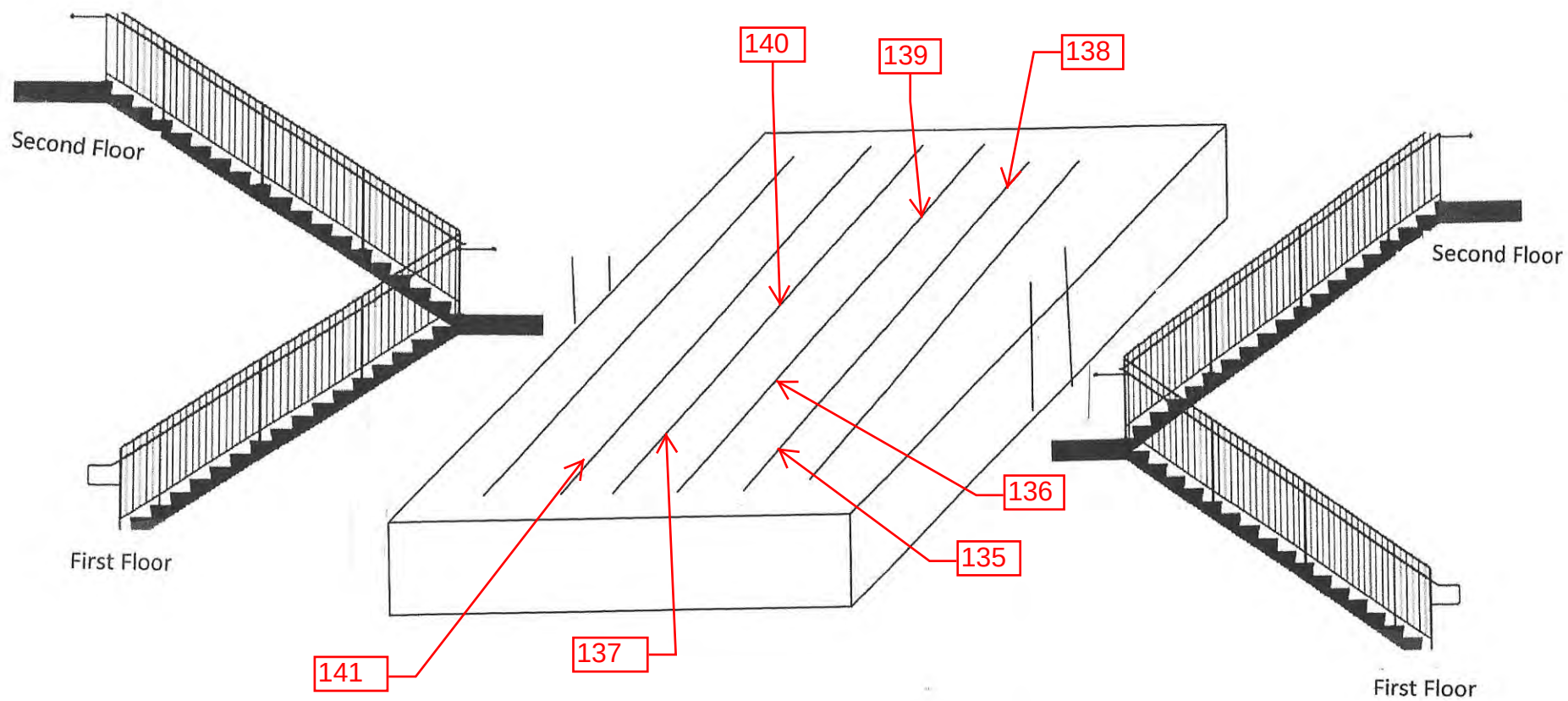

Signature

The test relates only to the items tested. This report does not represent endorsement by NVLAP or any agency of the U.S Government. Partial Reproduction of any part of this report is strictly prohibited. Samples shall be retained for (30) days.

Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-6-14</u>	P.O. Box 500
Address: <u>500 Main Street, Frankfort</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

[illegible]



Crawl Space
Between First and Second Floor



Sample 135
Pipe wrapping
Crawl Space



Sample 136
Piping insulation
Crawl Space



Sample 137
Elbow
Crawl Space

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 125	White	Yes	Yes				None	8%			92%
# 126	White	Yes	Yes				None	5%			95%
# 127	White	Yes	Yes				None	3%			97%
# 128 T	White	Yes	Yes				None	3%			97%
# 128 M	Tan	Yes	No				None	2%			98%
# 129	White	Yes	Yes				None	4%			96%
# 130	White	Yes	Yes				None	45%	30%		25%
# 131 T	White	Yes	Yes				None	2%			98%
# 131 M	Tan	Yes	No				None	3%			97%
# 132 T	White	Yes	Yes				None	3%			97%
# 132 M	Tan	Yes	No				None	2%			98%
# 133	White	Yes	Yes				None	5%			95%
# 134 T	White	Yes	Yes				None	3%			97%
# 134 M	Tan	Yes	No				None	3%			97%
# 135	White	Yes	Yes				None	10%	25%		65%
# 136	Yellow	Yes	Yes				None		99%		1%
# 137	White	Yes	Yes	< 1%				2%	10%		88%

Methodology : EPA Method 600/R-93-116

Page # 7

Date Analyzed : 11-Apr-14
Analyst : Winterford Mensah

Reviewed By: 

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332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis #	2105104	Address:	500 Mero Street, Frankfort, KY
Client Name:	State Of Kentucky		(Capital Plaza Office Tower)
Sampled By:	Bob Keiser		
A = Tape / B = Insulation			

[illegible]

Methodology : EPA Method 600/R-93-116

Date Analyzed : 10-May-14

Analyst : Winterford Mensah

Reviewed By: Wintgers Menaap
Signature

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Asbestos Inspection Form and Chain of Custody

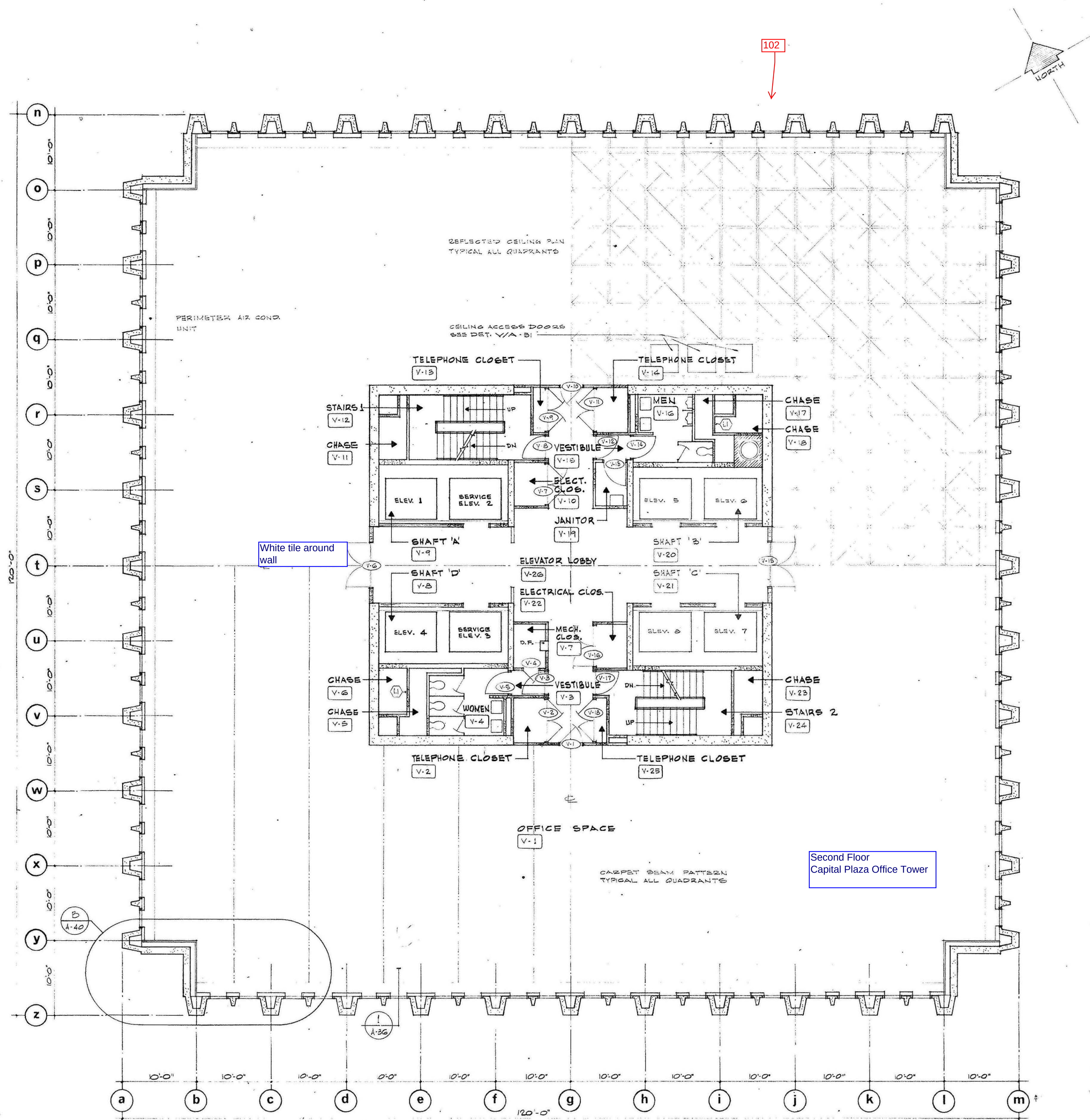
Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
Date: <u>3-26-14</u>	
Address: <u>500 Nemo Street, Frankfort</u>	
Sampled By: <u>Bob Keiser</u>	

[illegible]

Asbestos Inspection Form and Chain of Custody

Project	Capital Plaza Office Tower	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
Date	04/25/14	
Address	500 Mero Street, Frankfort, KY	
Sampled By	Bob Keiser	

[illegible]



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

1/8" = 1'-0"



Sample 102
Floor tile - 12 inch
Floor 2

332 West Broadway, Suite 613
Louisville, Kentucky 40202(502) 495-1212
Fax: (502) 491-7111**BULK SAMPLE ASBESTOS ANALYSIS**

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 90	Tan	Yes	Yes				None	3%			97%
# 91	White	Yes	Yes				None	2%			98%
# 92	White	Yes	Yes				None	55%	30%		15%
# 93	White	Yes	Yes				None	12%			88%
# 94	White	Yes	Yes				None	58%	27%		15%
# 95	White	Yes	Yes				None	55%	25%		20%
# 96	White	Yes	Yes				None	2%			98%
# 97	White	Yes	Yes				None	8%			92%
# 98	White	Yes	Yes				None	3%			97%
# 99	Gray	Yes	Yes				None				100%
# 100	Green	Yes	Yes				None	2%			98%
# 101	Black	Yes	No				None				100%
# 102	White	Yes	Yes				None	2%			98%
# 103	White	Yes	Yes				None	3%			97%
# 104	White	Yes	Yes				None	2%			98%
# 105	White	Yes	Yes				None	3%			97%

Methodology : EPA Method 600/R-93-116

Page # 5

Date Analyzed : 14-Mar-14Analyst : Winterford Mensah

Reviewed By: _____

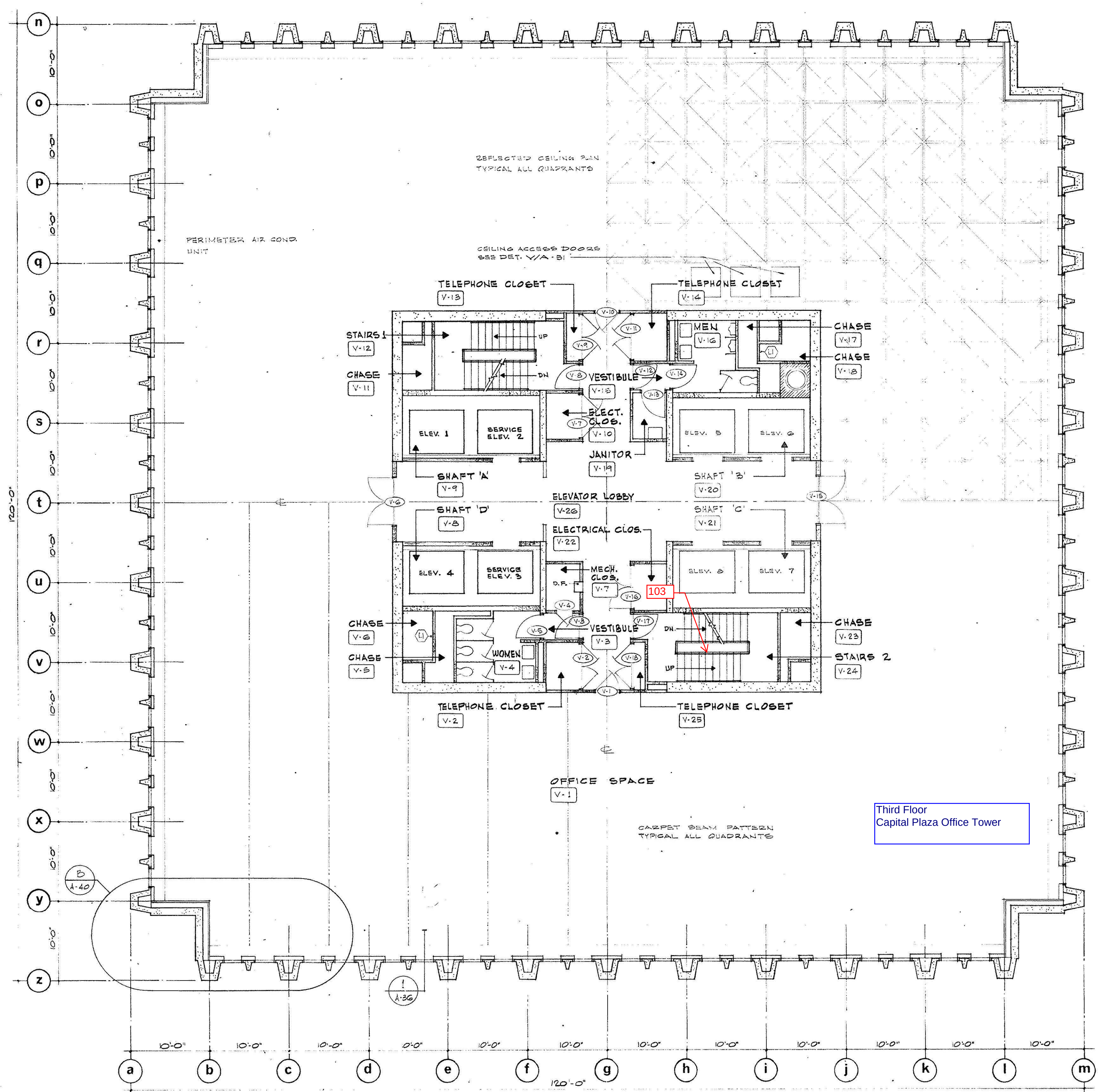
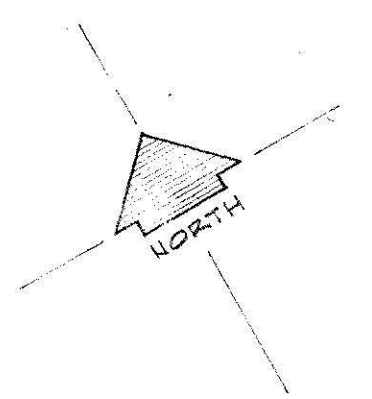

Signature

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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-6-14</u>	P.O. Box 500
Address: <u>500 Main Street, Frankfort</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

[illegible]



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

1/8" = 1'-0"



Sample 103
Floor tile- 12 inch
Floor 3

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 90	Tan	Yes	Yes				None	3%			97%
# 91	White	Yes	Yes				None	2%			98%
# 92	White	Yes	Yes				None	55%	30%		15%
# 93	White	Yes	Yes				None	12%			88%
# 94	White	Yes	Yes				None	58%	27%		15%
# 95	White	Yes	Yes				None	55%	25%		20%
# 96	White	Yes	Yes				None	2%			98%
# 97	White	Yes	Yes				None	8%			92%
# 98	White	Yes	Yes				None	3%			97%
# 99	Gray	Yes	Yes				None				100%
# 100	Green	Yes	Yes				None	2%			98%
# 101	Black	Yes	No				None				100%
# 102	White	Yes	Yes				None	2%			98%
# 103	White	Yes	Yes				None	3%			97%
# 104	White	Yes	Yes				None	2%			98%
# 105	White	Yes	Yes				None	3%			97%

Methodology : EPA Method 600/R-93-116

Page # 5

Date Analyzed : 14-Mar-14Analyst : Winterford Mensah

Reviewed By: _____

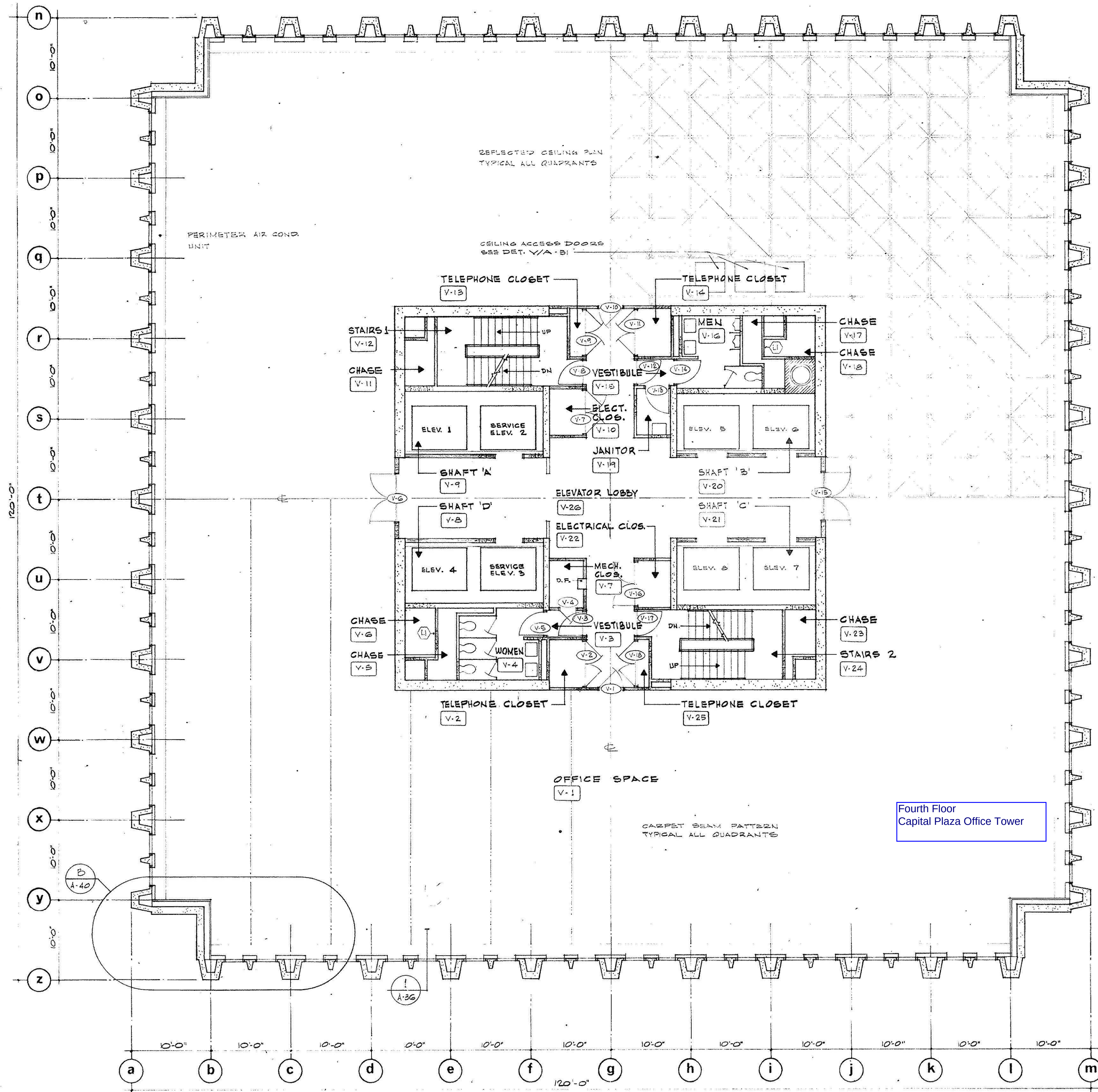
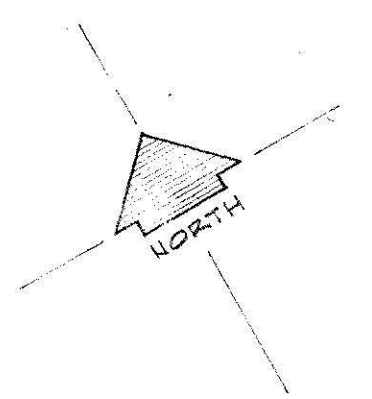

Signature

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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-6-14</u>	P.O. Box 500
Address: <u>500 Main Street, Frankfort</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

[illegible]



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

1/8" = 1'-0"



Sample 104
Floor tile covered with carpet
Floor 4

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 90	Tan	Yes	Yes				None	3%			97%
# 91	White	Yes	Yes				None	2%			98%
# 92	White	Yes	Yes				None	55%	30%		15%
# 93	White	Yes	Yes				None	12%			88%
# 94	White	Yes	Yes				None	58%	27%		15%
# 95	White	Yes	Yes				None	55%	25%		20%
# 96	White	Yes	Yes				None	2%			98%
# 97	White	Yes	Yes				None	8%			92%
# 98	White	Yes	Yes				None	3%			97%
# 99	Gray	Yes	Yes				None				100%
# 100	Green	Yes	Yes				None	2%			98%
# 101	Black	Yes	No				None				100%
# 102	White	Yes	Yes				None	2%			98%
# 103	White	Yes	Yes				None	3%			97%
# 104	White	Yes	Yes				None	2%			98%
# 105	White	Yes	Yes				None	3%			97%

Methodology : EPA Method 600/R-93-116

Page # 5

Date Analyzed : 14-Mar-14Analyst : Winterford Mensah

Reviewed By: _____

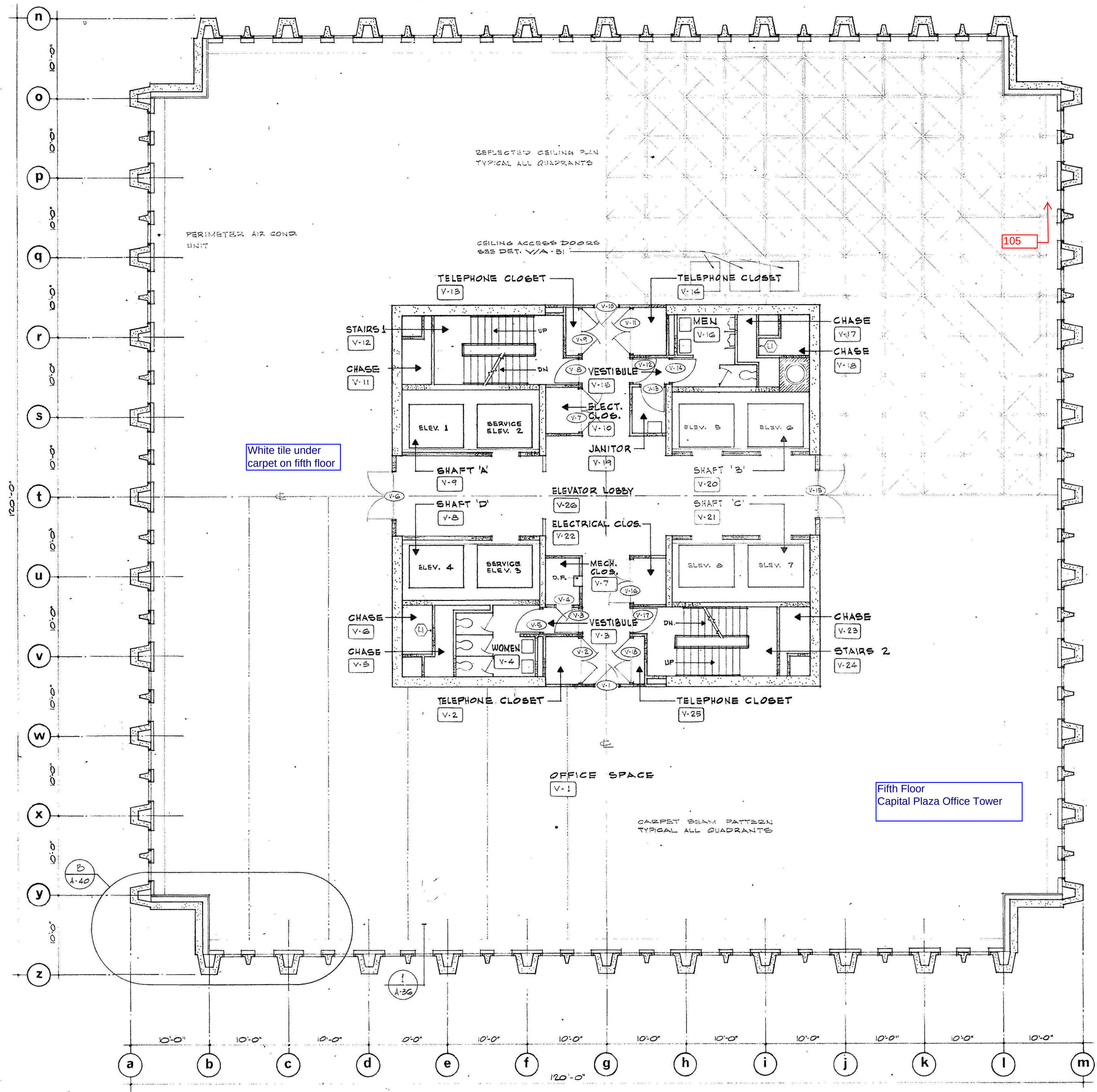
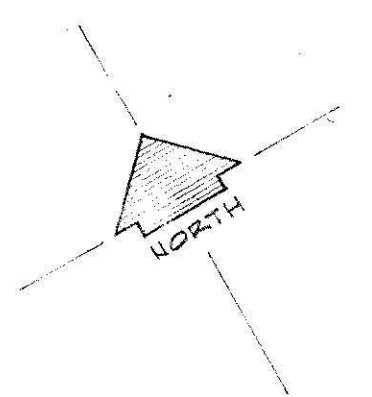

Signature

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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-6-14</u>	P.O. Box 500
Address: <u>500 Main Street, Frankfort</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Comments
98	Mens Restroom	1	ceiling	tile	white		
99A	105	1	floor	concrete	gray		
99B	105	1	floor	mastic	gray		
100	125B	1	floor	tile	green	12"	
101	125B	1	HVAC water unit	insulation	black		
102	near 210	2	floor	tile	white	12"	
103	319	3	floor	tile	white	12"	
104	429	4	floor	tile	white	12"	
105	507	5	floor	tile	white	12"	
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

1/8" = 1'-0"



Sample 105
Floor tile covered with carpet
Floor 5

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 90	Tan	Yes	Yes				None	3%			97%
# 91	White	Yes	Yes				None	2%			98%
# 92	White	Yes	Yes				None	55%	30%		15%
# 93	White	Yes	Yes				None	12%			88%
# 94	White	Yes	Yes				None	58%	27%		15%
# 95	White	Yes	Yes				None	55%	25%		20%
# 96	White	Yes	Yes				None	2%			98%
# 97	White	Yes	Yes				None	8%			92%
# 98	White	Yes	Yes				None	3%			97%
# 99	Gray	Yes	Yes				None				100%
# 100	Green	Yes	Yes				None	2%			98%
# 101	Black	Yes	No				None				100%
# 102	White	Yes	Yes				None	2%			98%
# 103	White	Yes	Yes				None	3%			97%
# 104	White	Yes	Yes				None	2%			98%
# 105	White	Yes	Yes				None	3%			97%

Methodology : EPA Method 600/R-93-116

Page # 5

Date Analyzed : 14-Mar-14Analyst : Winterford Mensah

Reviewed By: _____

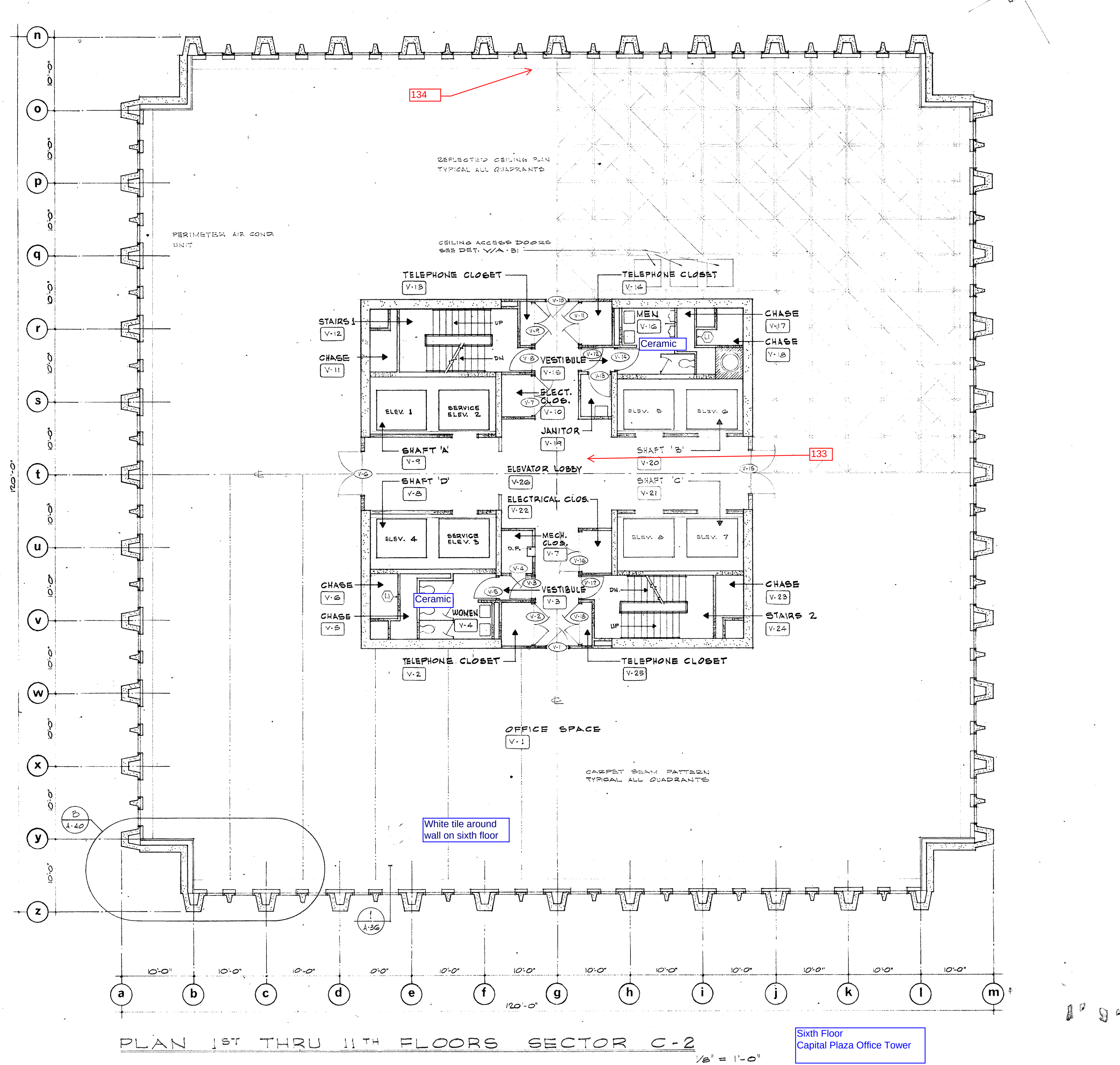

Signature

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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-6-14</u>	P.O. Box 500
Address: <u>500 Main Street, Frankfort</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

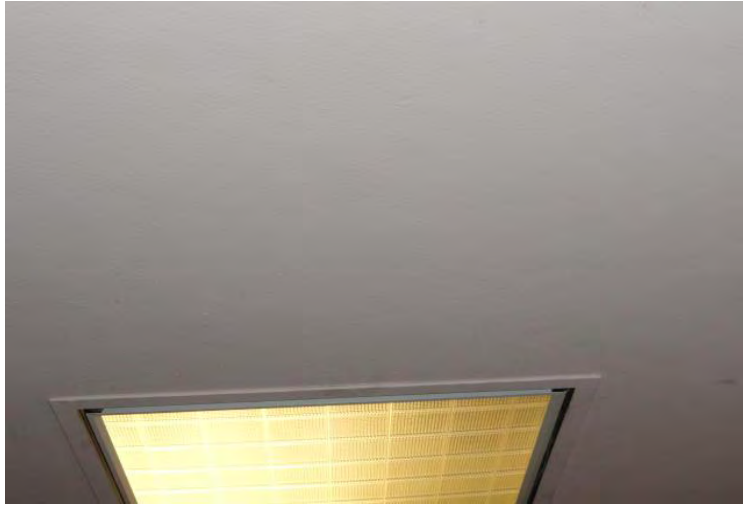
[illegible]



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

Sixth Floor
Capital Plaza Office Tower

1/8" = 1'-0"



Sample 133
Ceiling texture
Floor 6



Sample 134
Floor tile
Floor 6

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011

Address: 500 Mero Street

Client Name: State Of KY

Frankfort, KY

Sampled By: Bob Keiser

(Capital Plaza Office Tower)

T = Floor Tile / M = Mastix Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 125	White	Yes	Yes				None	8%			92%
# 126	White	Yes	Yes				None	5%			95%
# 127	White	Yes	Yes				None	3%			97%
# 128 T	White	Yes	Yes				None	3%			97%
# 128 M	Tan	Yes	No				None	2%			98%
# 129	White	Yes	Yes				None	4%			96%
# 130	White	Yes	Yes				None	45%	30%		25%
# 131 T	White	Yes	Yes				None	2%			98%
# 131 M	Tan	Yes	No				None	3%			97%
# 132 T	White	Yes	Yes				None	3%			97%
# 132 M	Tan	Yes	No				None	2%			98%
# 133	White	Yes	Yes				None	5%			95%
# 134 T	White	Yes	Yes				None	3%			97%
# 134 M	Tan	Yes	No				None	3%			97%
# 135	White	Yes	Yes				None	10%	25%		65%
# 136	Yellow	Yes	Yes				None		99%		1%
# 137	White	Yes	Yes	< 1%				2%	10%		88%

Methodology : EPA Method 600/R-93-116

Page # 7

Date Analyzed : 11-Apr-14

Analyst : Winterford Mensah

Reviewed By:

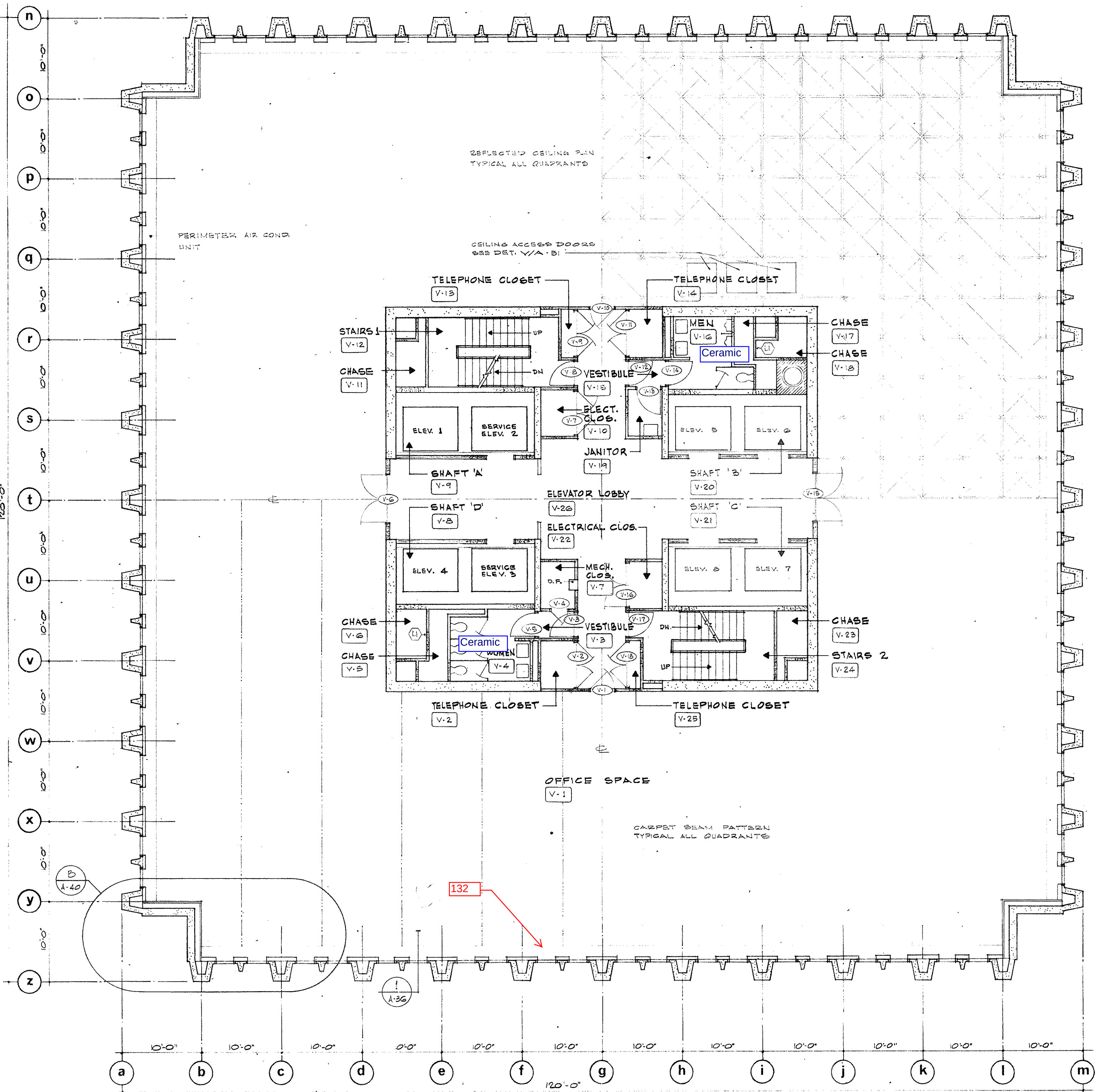


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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-26-14</u>	P.O. Box 500
Address: <u>500 Nemo Street, Frankfurt</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

[illegible]



Seventh Floor
Capital Plaza Office Tower



Sample 132
Floor tile
Floor 7

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 125	White	Yes	Yes				None	8%			92%
# 126	White	Yes	Yes				None	5%			95%
# 127	White	Yes	Yes				None	3%			97%
# 128 T	White	Yes	Yes				None	3%			97%
# 128 M	Tan	Yes	No				None	2%			98%
# 129	White	Yes	Yes				None	4%			96%
# 130	White	Yes	Yes				None	45%	30%		25%
# 131 T	White	Yes	Yes				None	2%			98%
# 131 M	Tan	Yes	No				None	3%			97%
# 132 T	White	Yes	Yes				None	3%			97%
# 132 M	Tan	Yes	No				None	2%			98%
# 133	White	Yes	Yes				None	5%			95%
# 134 T	White	Yes	Yes				None	3%			97%
# 134 M	Tan	Yes	No				None	3%			97%
# 135	White	Yes	Yes				None	10%	25%		65%
# 136	Yellow	Yes	Yes				None		99%		1%
# 137	White	Yes	Yes	< 1%				2%	10%		88%

Methodology : EPA Method 600/R-93-116

Page # 7

Date Analyzed : 11-Apr-14
Analyst : Winterford Mensah

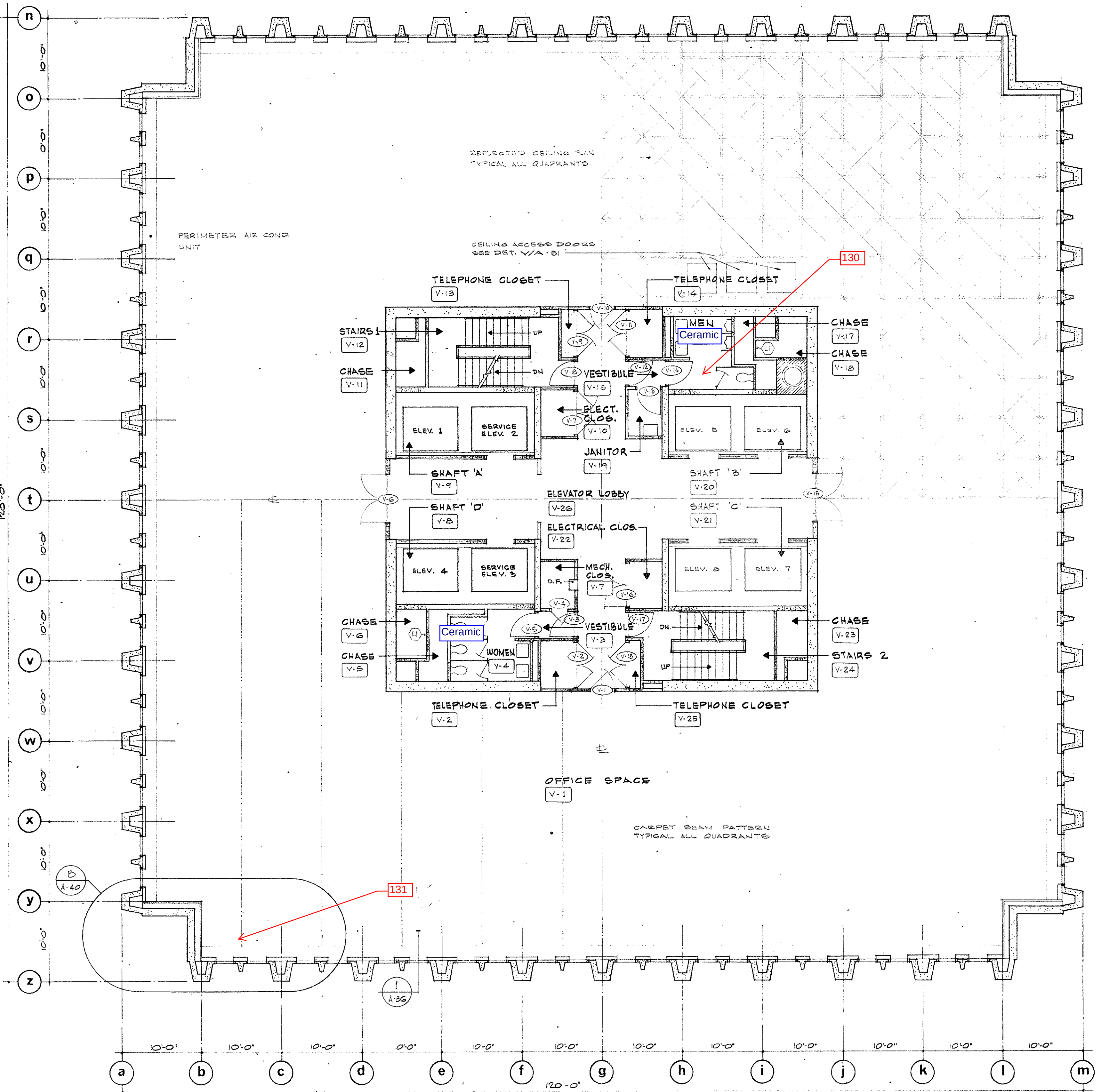
Reviewed By: 

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Asbestos Inspection Form and Chain of Custody

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Date: <u>3-26-14</u>	P.O. Box 500
Address: <u>500 Nemo Street, Frankfurt</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

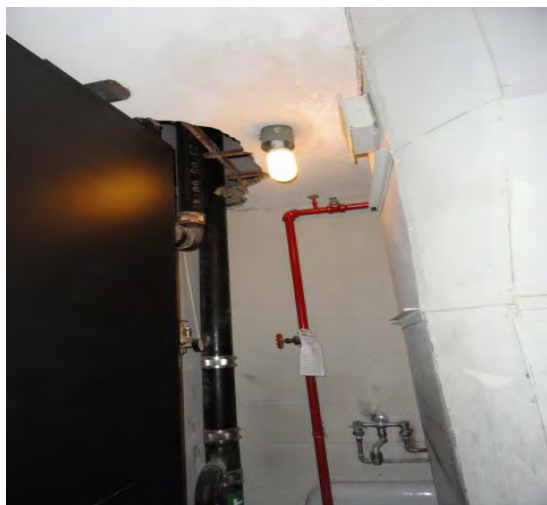
[illegible]



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

Eighth Floor
Capital Plaza Office Tower

1/8" = 1'-0"



Sample 130
Ceiling tile
Floor 8



Sample 131
Floor tile
Floor 8

332 West Broadway, Suite 613
Louisville, Kentucky 40202(502) 495-1212
Fax: (502) 491-7111**BULK SAMPLE ASBESTOS ANALYSIS**

Analysis N# 2104011 Address: 500 Mero Street
 Client Name: State Of KY Frankfort, KY
 Sampled By: Bob Keiser (Capital Plaza Office Tower)
 T = Floor Tile / M = Mastic Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 125	White	Yes	Yes				None	8%			92%
# 126	White	Yes	Yes				None	5%			95%
# 127	White	Yes	Yes				None	3%			97%
# 128 T	White	Yes	Yes				None	3%			97%
# 128 M	Tan	Yes	No				None	2%			98%
# 129	White	Yes	Yes				None	4%			96%
# 130	White	Yes	Yes				None	45%	30%		25%
# 131 T	White	Yes	Yes				None	2%			98%
# 131 M	Tan	Yes	No				None	3%			97%
# 132 T	White	Yes	Yes				None	3%			97%
# 132 M	Tan	Yes	No				None	2%			98%
# 133	White	Yes	Yes				None	5%			95%
# 134 T	White	Yes	Yes				None	3%			97%
# 134 M	Tan	Yes	No				None	3%			97%
# 135	White	Yes	Yes				None	10%	25%		65%
# 136	Yellow	Yes	Yes				None		99%		1%
# 137	White	Yes	Yes	< 1%				2%	10%		88%

Methodology : EPA Method 600/R-93-116

Page # 7

Date Analyzed : 11-Apr-14
 Analyst : Winterford Mensah

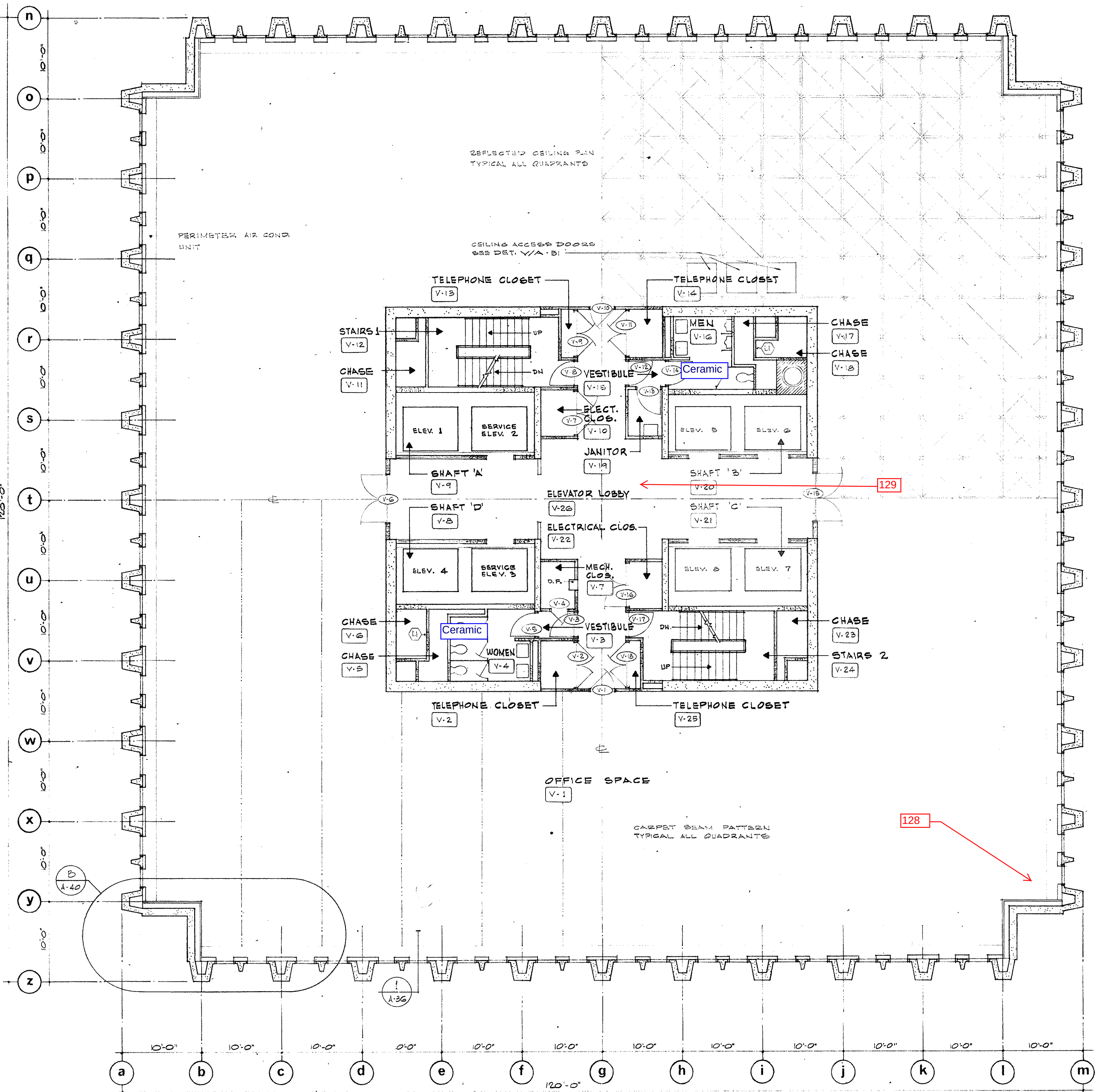
Reviewed By: 

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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-26-14</u>	P.O. Box 500
Address: <u>500 Nemo Street, Frankfurt</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

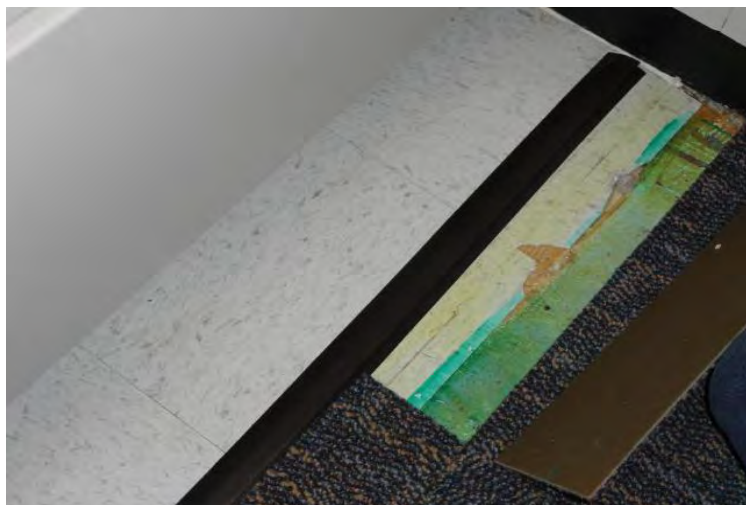
[illegible]



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

Ninth Floor
Capital Plaza Office Tower

1/8" = 1'-0"



Sample 128
Floor tile
Floor 9



Sample 129
Ceiling texture
Floor 9

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastix Under The Floor Tile

Number	Color			% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
		Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 125	White	Yes	Yes				None	8%			92%
# 126	White	Yes	Yes				None	5%			95%
# 127	White	Yes	Yes				None	3%			97%
# 128 T	White	Yes	Yes				None	3%			97%
# 128 M	Tan	Yes	No				None	2%			98%
# 129	White	Yes	Yes				None	4%			96%
# 130	White	Yes	Yes				None	45%	30%		25%
# 131 T	White	Yes	Yes				None	2%			98%
# 131 M	Tan	Yes	No				None	3%			97%
# 132 T	White	Yes	Yes				None	3%			97%
# 132 M	Tan	Yes	No				None	2%			98%
# 133	White	Yes	Yes				None	5%			95%
# 134 T	White	Yes	Yes				None	3%			97%
# 134 M	Tan	Yes	No				None	3%			97%
# 135	White	Yes	Yes				None	10%	25%		65%
# 136	Yellow	Yes	Yes				None		99%		1%
# 137	White	Yes	Yes	< 1%				2%	10%		88%

Methodology : EPA Method 600/R-93-116

Page # 7

Date Analyzed : 11-Apr-14
Analyst : Winterford Mensah

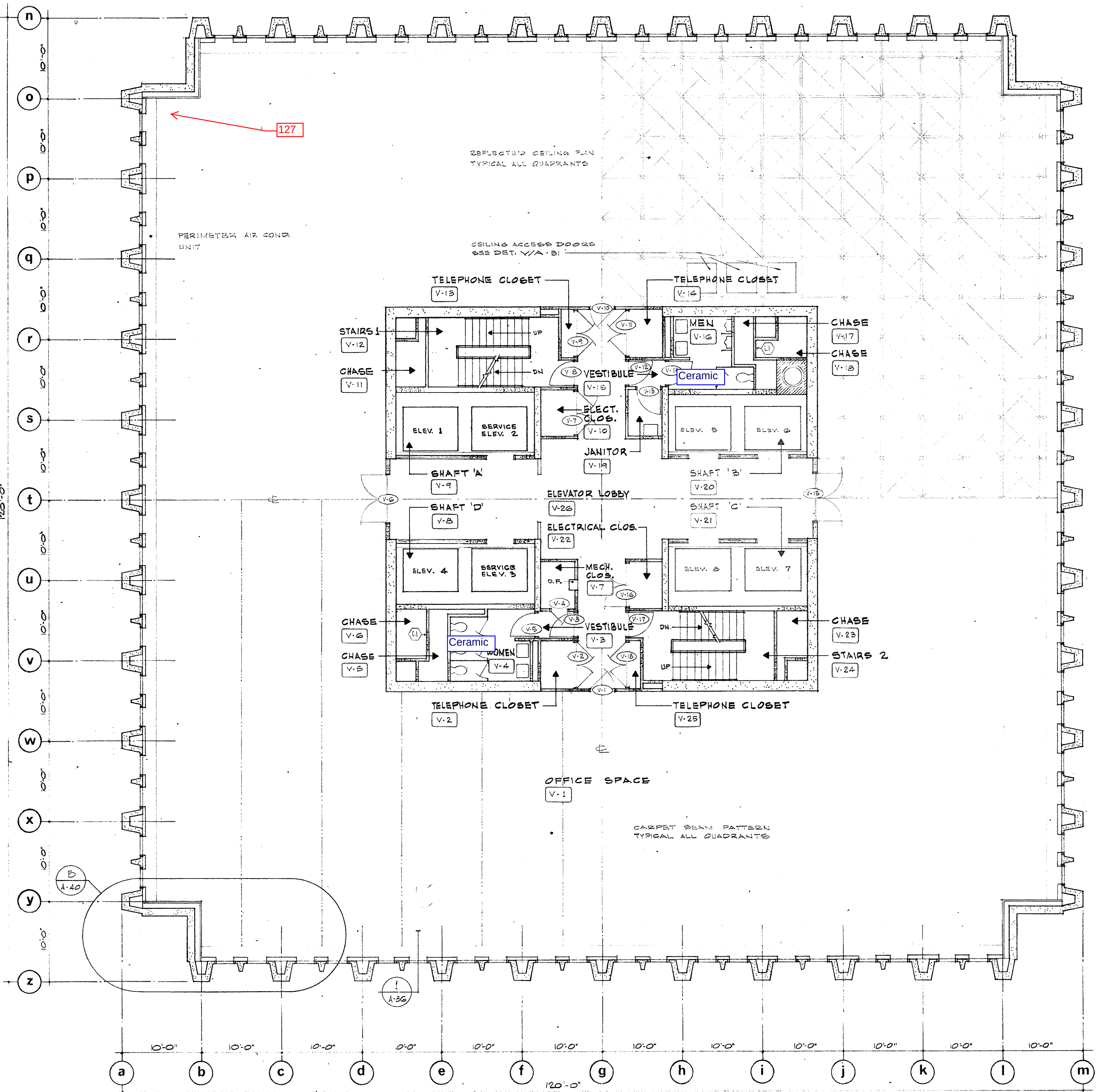
Reviewed By: 

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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-26-14</u>	P.O. Box 500
Address: <u>500 Nemo Street, Frankfurt</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Comments
126	1109	11	floor	tile	white		
127	near 1019	10	floor	tile	white		
128	near 922	9	floor	tile	white		
129	Lobby	9	ceiling	texture	white		
130	Mens RR	8	ceiling	tile	white		
131	821	8	floor	tile	white		
132	705	7	floor	tile	white		
133	Lobby	6	ceiling	texture	white		
134	614	6	floor	tile	white		
135	stair well	L/1	Pipe wrapping	white wrapping	white		
136	stair well	L/1	pipe	insul	yellow		
137	stair well	L/1	elbow	plaster	gray		
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

Tenth Floor
Capital Plaza Office Tower

1/8" = 1'-0"



Sample 127
Floor tile
Floor 10

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 125	White	Yes	Yes				None	8%			92%
# 126	White	Yes	Yes				None	5%			95%
# 127	White	Yes	Yes				None	3%			97%
# 128 T	White	Yes	Yes				None	3%			97%
# 128 M	Tan	Yes	No				None	2%			98%
# 129	White	Yes	Yes				None	4%			96%
# 130	White	Yes	Yes				None	45%	30%		25%
# 131 T	White	Yes	Yes				None	2%			98%
# 131 M	Tan	Yes	No				None	3%			97%
# 132 T	White	Yes	Yes				None	3%			97%
# 132 M	Tan	Yes	No				None	2%			98%
# 133	White	Yes	Yes				None	5%			95%
# 134 T	White	Yes	Yes				None	3%			97%
# 134 M	Tan	Yes	No				None	3%			97%
# 135	White	Yes	Yes				None	10%	25%		65%
# 136	Yellow	Yes	Yes				None		99%		1%
# 137	White	Yes	Yes	< 1%				2%	10%		88%

Methodology : EPA Method 600/R-93-116

Page # 7

Date Analyzed : 11-Apr-14
Analyst : Winterford Mensah

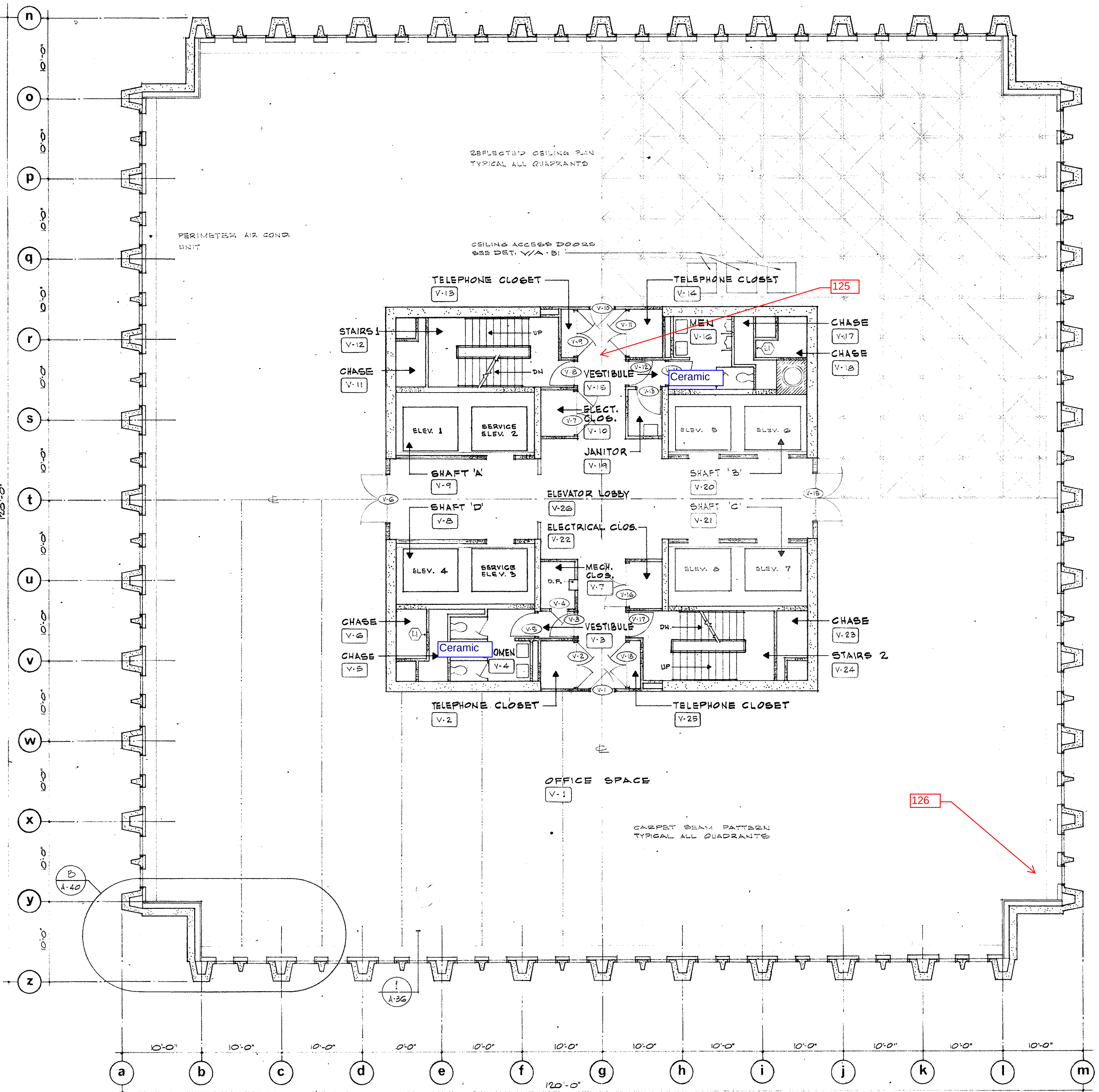
Reviewed By: 

The test relates only to the items tested. This report does not represent endorsement by NVLAP or any agency of the U.S Government. Partial Reproduction of any part of this report is strictly prohibited. Samples shall be retained for (30) days.

Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-26-14</u>	P.O. Box 500
Address: <u>500 Nemo Street, Frankfurt</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

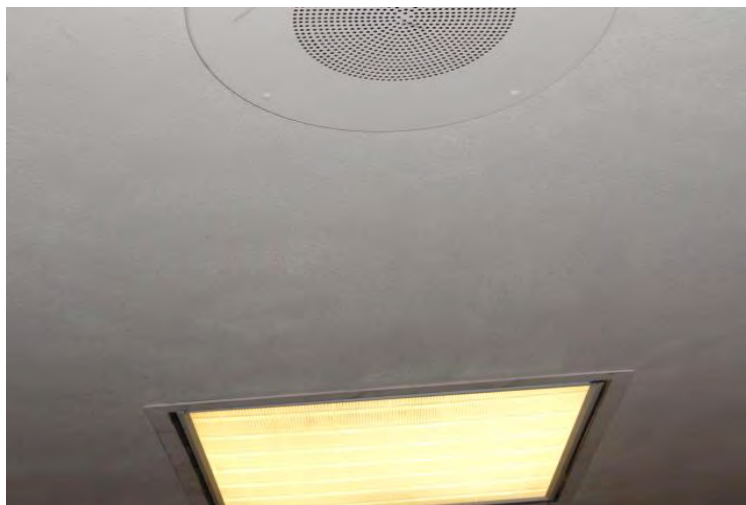
[illegible]



PLAN 1ST THRU 11TH FLOORS SECTOR C-2

Eleventh Floor
Capital Plaza Office Tower

1/8" = 1'-0"



Sample 125
Ceiling plaster
Floor 11



Sample 126
Floor tile
Floor 11

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 125	White	Yes	Yes				None	8%			92%
# 126	White	Yes	Yes				None	5%			95%
# 127	White	Yes	Yes				None	3%			97%
# 128 T	White	Yes	Yes				None	3%			97%
# 128 M	Tan	Yes	No				None	2%			98%
# 129	White	Yes	Yes				None	4%			96%
# 130	White	Yes	Yes				None	45%	30%		25%
# 131 T	White	Yes	Yes				None	2%			98%
# 131 M	Tan	Yes	No				None	3%			97%
# 132 T	White	Yes	Yes				None	3%			97%
# 132 M	Tan	Yes	No				None	2%			98%
# 133	White	Yes	Yes				None	5%			95%
# 134 T	White	Yes	Yes				None	3%			97%
# 134 M	Tan	Yes	No				None	3%			97%
# 135	White	Yes	Yes				None	10%	25%		65%
# 136	Yellow	Yes	Yes				None		99%		1%
# 137	White	Yes	Yes	< 1%				2%	10%		88%

Methodology : EPA Method 600/R-93-116

Page # 7

Date Analyzed : 11-Apr-14
Analyst : Winterford Mensah

Reviewed By: 

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Asbestos Inspection Form and Chain of Custody

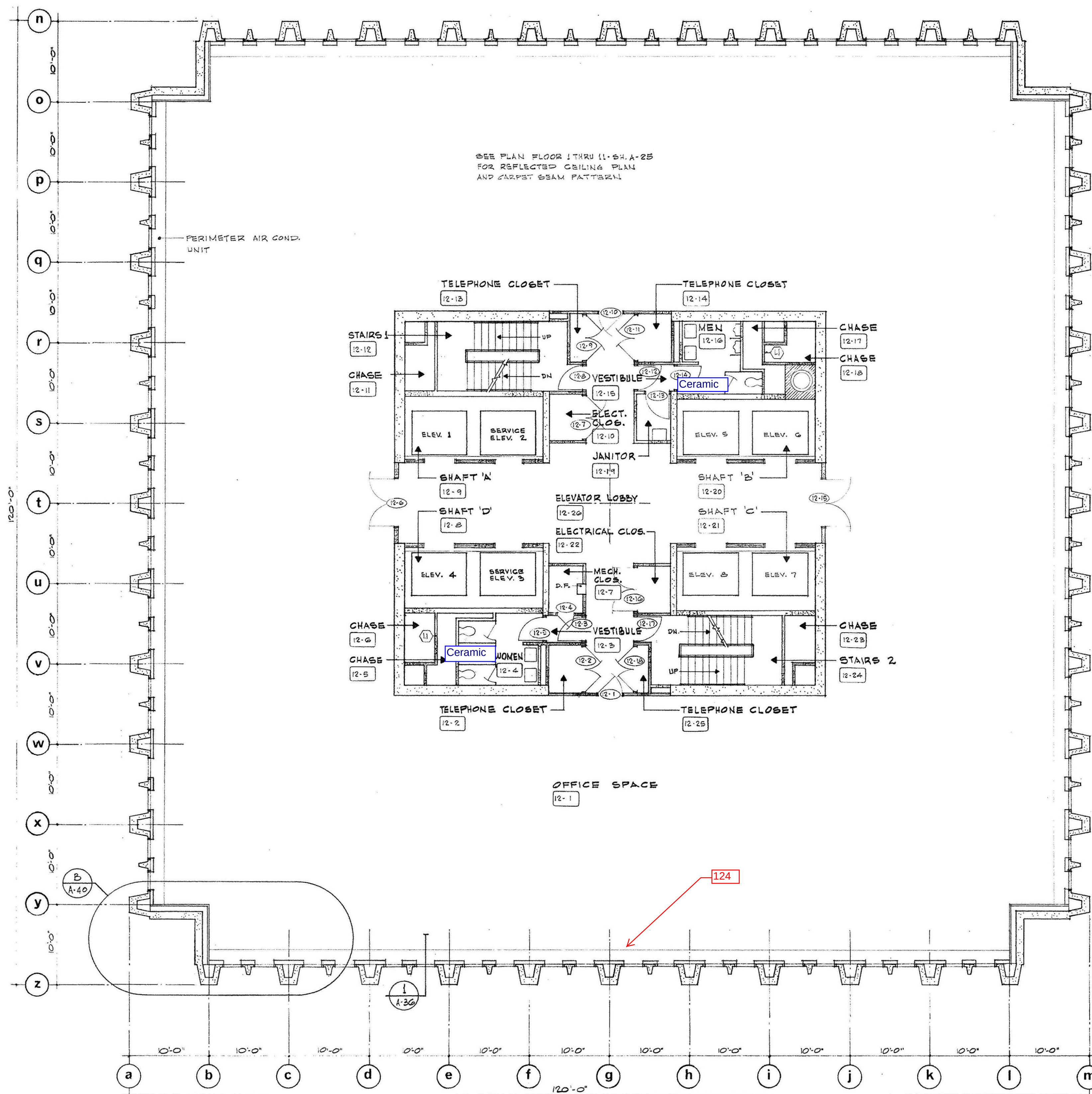
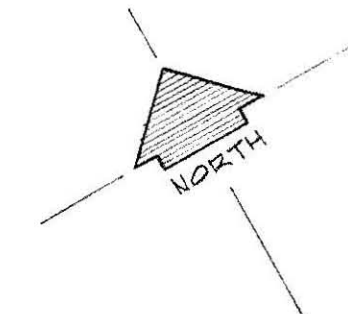
Project: <u>Capital Plaza Office Tower</u> Date: <u>3-26-14</u> Address: <u>500 Nemo Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
---	--

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Comments
106	Lobby	24	ceiling	plaster	white		
107	2414	24	floor	tile	gray		
108	Lobby	23	ceiling	tile	white		
109	2312	23	floor	tile	white	covered	with carpet
110	2204A	22	floor	tile	white		
111	Mess	21	ceiling	tile	white		
112		21	ceiling	tile	white		
113		21	floor	tile	white		
114		20	floor	tile	white		
115		19	ceiling	tile	white		
116		18	ceiling	tile	white		
117	1806	18	floor	tile	white		
118	Lobby	17	ceiling	tile	white		
119	1709	17	floor	tile	white		
120	1625	16	floor	tile	white		
121		15	floor	tile	gray		
122		15	ceiling	tile	white		
123	1522	15	floor	tile	white		
124	1205	12	floor	tile	white		
125	Lobby	11	ceiling	plaster	white		
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	

Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc
Date: <u>3-26-14</u>	P.O. Box 500
Address: <u>500 Nero Street, Frankfort</u>	Lawrenceburg, KY 40341
Sampled By: <u>Bob Keiser</u>	Ph (502)600-0016

[illegible]





Sample 124
Floor tile
Floor 12

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 106	White	Yes	Yes				None	5%			95%
# 107	Gray	Yes	Yes				None	2%			98%
# 108	White	Yes	Yes				None	5%			95%
# 109	White	Yes	Yes				None	2%			98%
# 110	White	Yes	Yes				None	3%			97%
# 111	White	Yes	Yes				None	8%			92%
# 112	White	Yes	Yes				None	5%			95%
# 113	White	Yes	Yes				None	2%			98%
#114	White	Yes	Yes				None	2%			98%
# 115	White	Yes	Yes				None	45%	30%		25%
# 116	White	Yes	Yes				None	48%	27%		25%
# 117	White	Yes	Yes				None	3%			97%
# 118	White	Yes	Yes				None	5%			95%
# 119	White	Yes	Yes				None	3%			97%
# 120	White	Yes	Yes				None	2%			98%
# 121 T	Gray	Yes	Yes				None	3%			97%
# 121 M	Black	Yes	No	2%				2%			98%
# 122	White	Yes	Yes				None	45%	30%		25%
# 123	White	Yes	Yes				None	2%			98%
# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

Page # 6

Date Analyzed : 4-Apr-14Analyst : Winterford Mensah

Reviewed By: _____



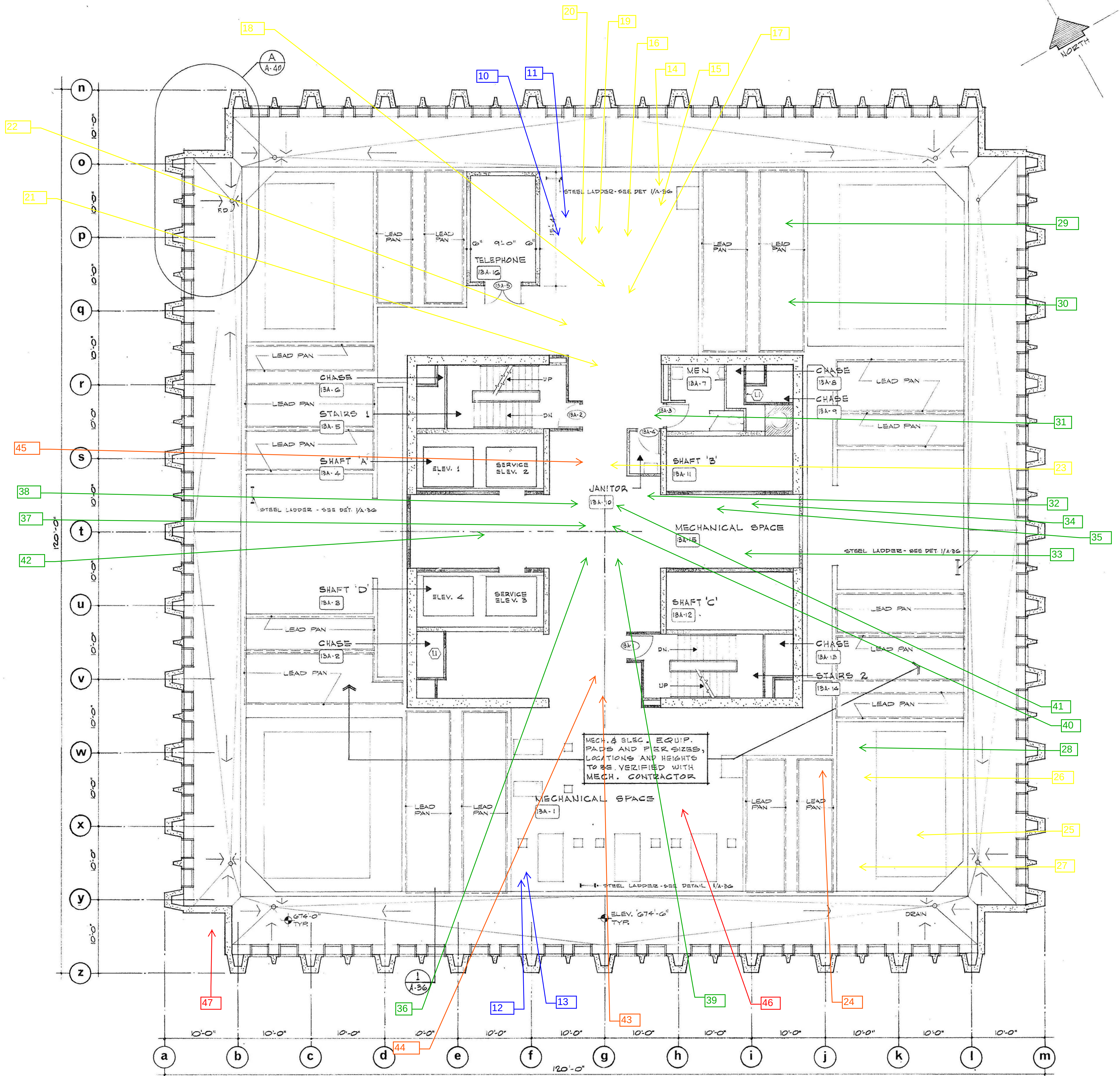
Signature

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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>3-26-14</u> Address: <u>500 Nemo Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
---	--

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Comments
106	Lobby	24	ceiling	plaster	white		
107	2414	24	floor	tile	gray		
108	Lobby	23	ceiling	tile	white		
109	2312	23	floor	tile	white	covered	with carpet
110	2204A	22	floor	tile	white		
111	Mess	21	ceiling	tile	white		
112		21	ceiling	tile	white		
113		21	floor	tile	white		
114		20	floor	tile	white		
115		19	ceiling	tile	white		
116		18	ceiling	tile	white		
117	1806	18	floor	tile	white		
118	Lobby	17	ceiling	tile	white		
119	1709	17	floor	tile	white		
120	1625	16	floor	tile	white		
121		15	floor	tile	gray		
122		15	ceiling	tile	white		
123	1522	15	floor	tile	white		
124	1205	12	floor	tile	white		
125	Lobby	11	ceiling	plaster	white		
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	





Sample 11
Elbow pipe insulation
Floor 13A



Sample 12
Pipe wrap
Floor13A



Sample 13
Elbow insulation
Floor 13A



Sample 14
Pipe wrap
Floor 13A



Sample 15
Pipe wrap
Floor 13A



Sample 16
Pipe wrap
Floor 13A



Sample 17
Pipe wrap
Floor 13A



Sample 18
Pipe wrap
Floor 13A



Sample 19
Elbow
Floor 13A



Sample 20
Pipe wrap
Floor 13A



Sample 21
Pipe wrap
Floor 13A



Sample 22
Pipe wrap
Floor 13A



Sample 23
Elbow
Floor 13A



Sample 24
Debris - laying on top of unit
Floor 13A



Sample 25
Joint
Floor 13A



Sample 26
Pipe wrap
Floor 13A



Sample 27
Pipe wrap
Floor 13A



Sample 28
Joint/elbow
Floor 13A



Sample 29
Pipe wrap
Floor 13A



Sample 30
Pipe wrap
Floor 13A



Sample 31
Pipe wrap
Floor 13A



Sample 32
Valve
Floor 13A



Sample 33
Elbow
Floor 13A



Sample 34
Joint
Floor 13A



Sample 35
Pipe wrap
Floor 13A



Sample 36
Elbow
Floor 13A



Sample 37
Elbow
Floor 13A



Sample 38
Elbow
Floor 13A



Sample 39
Pipe insulation
Floor 13A



Sample 40
Pipe wrap
Floor 13A



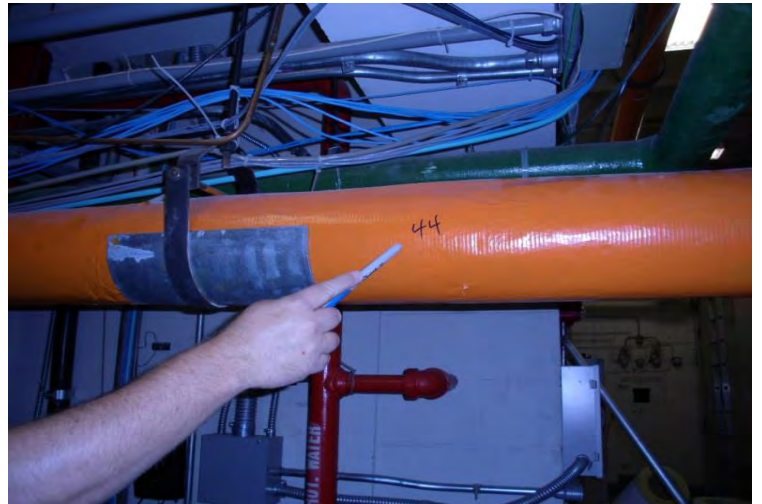
Sample 41
Pipe wrap
Floor 13A



Sample 42
Pipe wrap
Floor 13A



Sample 43
Elbow
Floor 13A



Sample 44
Pipe wrap
Floor 13A



Sample 45
Pipe wrap
Floor 13A



Sample 46
Ceiling tile
Floor 13A



Sample 47
Pipe wrap
Floor 13A

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser

Number	Color			% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
		Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 10	Yellow	Yes	Yes				None		99%		1%
# 11	Yellow	Yes	Yes				None		97%		3%
# 12	Yellow	Yes	Yes				None		99%		1%
# 13	Yellow	Yes	Yes				None		98%		2%
# 14	Yellow	Yes	Yes				None		99%		1%
# 15	White	Yes	Yes				None	3%	95%		2%
# 16	Yellow	Yes	Yes				None		97%		3%
# 17	Yellow	Yes	Yes				None		99%		1%
# 18	Yellow	Yes	Yes				None		97%		3%
# 19	Yellow	Yes	Yes				None		99%		1%
# 20	Yellow	Yes	Yes				None		97%		3%
# 21	Yellow	Yes	Yes				None	2%	97%		1%
# 22	Yellow	Yes	Yes				None		99%		1%
# 23	Yellow	Yes	Yes				None		97%		3%
# 24	White	Yes	Yes	35%				5%			60%
# 25	Yellow	Yes	Yes				None		99%		1%
# 26	Yellow	Yes	Yes				None		98%		2%
# 27	Yellow	Yes	Yes				None		99%		1%
# 28	White	Yes	Yes	5%				3%	52%		40%
# 29	Yellow	Yes	Yes				None		99%		1%

Methodology : EPA Method 600/R-93-116

Page # 1

Date Analyzed : 5-Mar-14Analyst : Winterford Mensah

Reviewed By: _____



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332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
 Client Name: State Of KY Frankfort, KY
 Sampled By: Bob Keiser

Number	Color			% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
		Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 30	Black	Yes	Yes				None				100%
# 31	White	Yes	Yes	12%				3%	40%		45%
# 32	White	Yes	Yes	20%				5%	40%		35%
# 33	Yellow	Yes	Yes				None		99%		1%
# 34	Yellow	Yes	Yes				None		99%		1%
# 35	Yellow	Yes	Yes				None		97%		3%
# 36	White	Yes	Yes	15%				5%	45%		35%
# 37	Yellow	Yes	Yes	12%				3%	30%		55%
# 38	White	Yes	Yes	12%				5%	43%		40%
# 39	Yellow	Yes	Yes				None		99%		1%
# 40	Yellow	Yes	Yes				None		99%		1%
# 41	Yellow	Yes	Yes				None		98%		2%
# 42	Yellow	Yes	Yes				None		99%		1%
#43	White	Yes	Yes				None		98%		2%
#44	White	Yes	Yes	10%				5%	50%		35%
# 45	White	Yes	Yes	8%				2%	35%		55%
# 46	White	Yes	Yes				None	55%	35%		10%
# 47	Yellow	Yes	Yes				None		99%		1%
# 48	Yellow	Yes	Yes				None		97%		3%
# 49	Yellow	Yes	Yes				None		98%		2%

Methodology : EPA Method 600/R-93-116

Page # 2

Date Analyzed : 5-Mar-14

Analyst : Winterford Mensah

Reviewed By: _____



 Signature

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Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>2-25-14</u> Address: <u>500 Mero Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
---	--

Sample #	Room #	Floor #	Location	Matrix	Color	Size	color of pipe Comments
10		13A	elbow	insulation	yellow	6 in. dia.	blue/yellow
11		13A	pipewrap	insulation	yellow	6 " "	blue/yellow
12		13A	valve	insulation	yellow	6 " "	blue/green
13		13A	elbow	insulation	white	6 " "	blue/green
14		13A	pipewrap	insulation	yellow	18 " "	yellow
15		13A	pipe wrap	insulation	yellow	24 " "	white/yellow
16		13A	pipewrap	insulation	yellow	18 " "	yellow
17		13A	pipe wrap	insulation	yellow	6 " "	yellow
18		13A	pipewrap	insulation	yellow	6 " "	yellow
19		13A	elbow	insulation	yellow	6 " "	yellow
20		13A	pipewrap	insulation	yellow	6 " "	yellow
21		13A	pipe wrap	insulation	yellow	18 " "	yellow
22		13A	pipewrap	insulation	yellow	18 " "	yellow
23		13A	elbow	insulation	yellow	18 " "	yellow
24		13A	pipewrap	insulation	white	3'4" loose	orange
25		13A	elbow	insulation	yellow	18 in dia	yellow
26		13A	pipewrap	insulation	yellow	18 " "	yellow
27		13A	pipewrap	insulation	yellow	8 " "	yellow
28		13A	elbow	insulation	white	14 " "	green
29		13A	pipewrap	insulation	yellow	18 " "	green

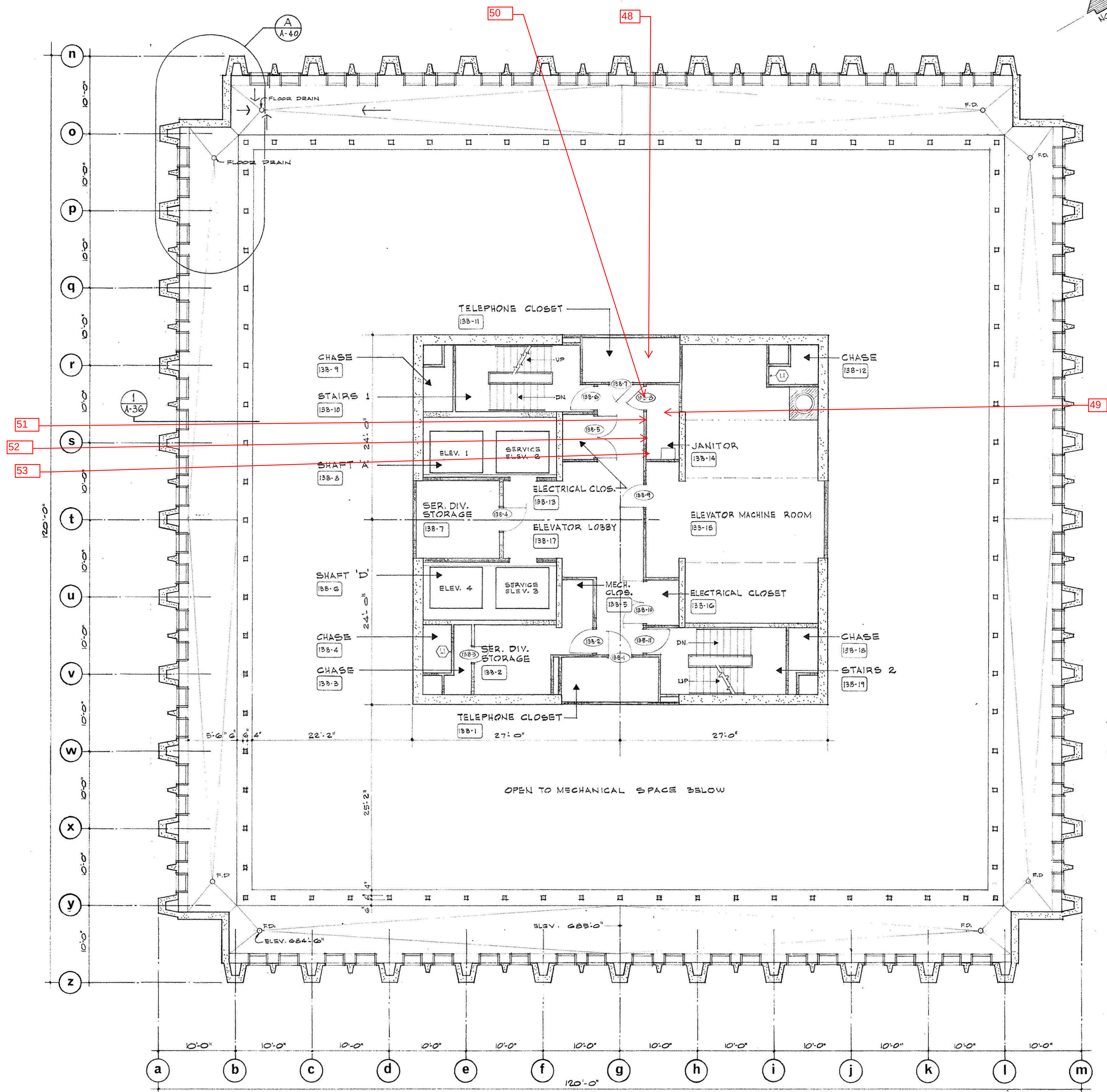
Relinquished By: Signature	Received By: Signature	Date & Time
Relinquished By: Signature	Received By: Signature	Date & Time

Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>2-25-14</u> Address: <u>500 Mero Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
---	--

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Color of pipe Comments
30		13A	pipewrap	insulation	black	18 in dia	green/white
31		13A	pipewrap	insulation	white	8 " "	green
32		13A	valve	insulation	white	8 " "	green
33		13A	elbow	insulation	white	4 " "	green
34		13A	elbow	insulation	yellow	4 " "	green
35		13A	pipewrap	insulation	yellow	4 " "	green
36		13A	elbow	insulation	white	8 " "	green
37		13A	elbow	insulation	white	6 " "	green
38		13A	elbow	insulation	white	4 " "	green
39		13A	pipewrap	insulation	yellow	8 " "	green
40		13A	pipewrap	insulation	yellow	6 " "	green
41		13A	pipewrap	insulation	yellow	4 " "	green
42		13A	pipewrap	insulation	yellow	8 " "	green
43		13A	elbow	insulation	white	8 " "	orange/white
44		13A	pipewrap	insulation	white	8 " "	orange/white
45		13A	pipewrap	insulation	white	8 " "	orange/white
46		13A	ceiling	tile	white		
47		13A	pipewrap	insulation	yellow	8 " "	white

Relinquished By: Signature	Received By: Signature	Date & Time
Relinquished By: Signature	Received By: Signature	Date & Time





Sample 48
Pipe wrap
Floor 13B



Sample 49
Pipe Wrap
Floor 13B



Sample 50
Pipe Wrap
Floor 13B



Sample 51
Pipe Wrap
Floor 13B



Sample 52
Pipe Wrap
Floor 13B



Sample 53
Pipe Wrap on valve
Floor 13B

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 30	Black	Yes	Yes				None				100%
# 31	White	Yes	Yes	12%				3%	40%		45%
# 32	White	Yes	Yes	20%				5%	40%		35%
# 33	Yellow	Yes	Yes				None		99%		1%
# 34	Yellow	Yes	Yes				None		99%		1%
# 35	Yellow	Yes	Yes				None		97%		3%
# 36	White	Yes	Yes	15%				5%	45%		35%
# 37	Yellow	Yes	Yes	12%				3%	30%		55%
# 38	White	Yes	Yes	12%				5%	43%		40%
# 39	Yellow	Yes	Yes				None		99%		1%
# 40	Yellow	Yes	Yes				None		99%		1%
# 41	Yellow	Yes	Yes				None		98%		2%
# 42	Yellow	Yes	Yes				None		99%		1%
#43	White	Yes	Yes				None		98%		2%
#44	White	Yes	Yes	10%				5%	50%		35%
# 45	White	Yes	Yes	8%				2%	35%		55%
# 46	White	Yes	Yes				None	55%	35%		10%
# 47	Yellow	Yes	Yes				None		99%		1%
# 48	Yellow	Yes	Yes				None		97%		3%
# 49	Yellow	Yes	Yes				None		98%		2%

Methodology : EPA Method 600/R-93-116

Page # 2

Date Analyzed : 5-Mar-14
Analyst : Winterford Mensah

Reviewed By: 

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Louisville, Kentucky 40202

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Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser

Number	Color			% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
		Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 50	Yellow	Yes	Yes				None		98%		2%
# 51	White	Yes	Yes	15%				3%	37%		45%
# 52	White	Yes	Yes	12%				3%	40%		45%
# 53	White	Yes	Yes	12%				2%	38%		48%
# 54	Yellow	Yes	Yes				None	2%			98%
# 55	White	Yes	Yes				None	55%	30%		15%
# 56	White	Yes	Yes				None	98%			2%
# 57	Yellow	Yes	Yes				None		99%		1%
# 58	White	Yes	Yes	5%				3%	42%		50%
# 59	Yellow	Yes	Yes				None		98%		2%
# 60	White	Yes	Yes	10%				3%	52%		35%
# 61	Yellow	Yes	Yes				None		98%		2%
# 62	White	Yes	Yes	5%				2%	43%		50%
# 63	White	Yes	Yes				None	55%	40%		5%
# 64	White	Yes	Yes				None	5%			95%
# 65	Yellow	Yes	Yes				None		97%		3%
# 66	White	Yes	Yes	7%				3%	25%		65%
# 67	White	Yes	Yes	5%				2%	40%		55%
# 68	Yellow	Yes	Yes				None		99%		1%
# 69	Yellow	Yes	Yes				None		97%		3%

Methodology : EPA Method 600/R-93-116

Page # 3

Date Analyzed : 5-Mar-14
Analyst : Winterford Mensah

Reviewed By: 

The test relates only to the items tested. This report does not represent endorsement by NVLAP or any agency of the U.S Government. Partial Reproduction of any part of this report is strictly prohibited. Samples shall be retained for (30) days.

Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
Date: <u>2-25-14</u>	
Address: <u>500 Mero Street, Frankfort</u>	
Sampled By: <u>Bob Keiser</u>	

[illegible]

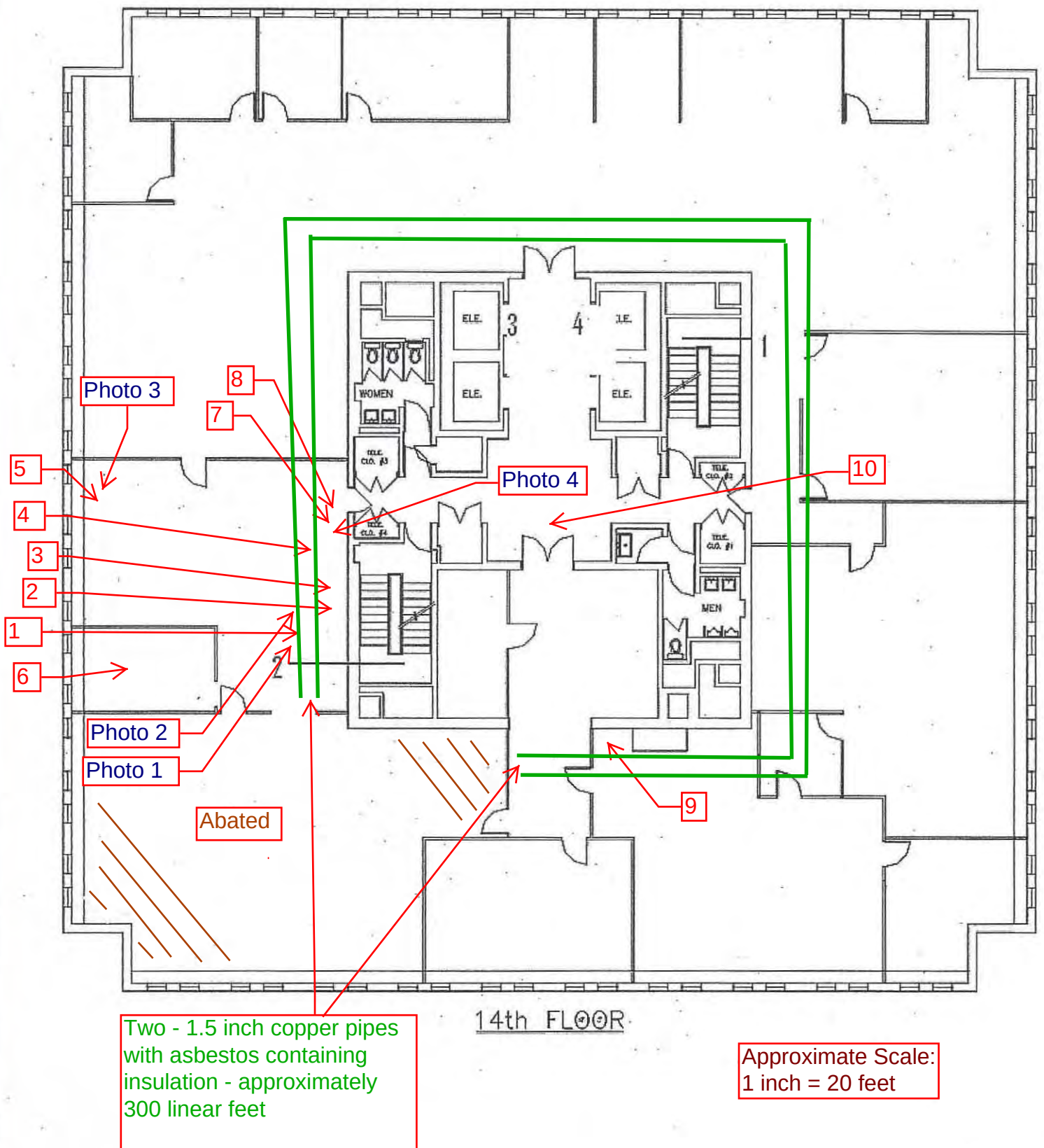




Photo 1
Pipes under floor tile
Fourteenth Floor



Photo 2
Insulation foil and pipe insulation
Fourteenth Floor



Photo 3
Black foam insulation
Fourteenth Floor



Photo 4
Joint compound
Fourteenth Floor

MRS, INC.MRS, Inc. Analytical Laboratory Division332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2101259

Address: 500 Mero Street, Frankfort, KY

Client Name: State Of Kentucky

(Capital Plaza Office Tower)

Sampled By: Bob Keiser - Lee Engineering LLC

2A = Jacket Covering Insulation / 2B = Insulation

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 1	White	Yes	Yes	45%				3%			52%
# 2 A	Silver	Yes	Yes				None	5%	20%		75%
# 2 B	Yellow	Yes	Yes				None		98%		2%
# 3	Yellow	Yes	Yes				None		97%		3%
# 4	Black	Yes	No				None	2%			98%
# 5	Black	Yes	No				None				100%
# 6	White	Yes	Yes				None	5%			95%
# 7	White	Yes	Yes				None	3%			97%
# 8	Pink	Yes	Yes				None		99%		1%
# 9	White	Yes	Yes				None	8%			92%

Methodology : EPA Method 600/R-93-116

Date Analyzed : 25-Jan-14

Analyst : Winterford Mensah

Reviewed By:


Signature

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AIHA # 102459

AJHA #1 02459

Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
Date: <u>1-23-14</u>	
Address: <u>500 Mero Street, Frankfort, Ky</u>	
Sampled By: <u>Bob Keiser</u> <u>40601</u>	

[illegible]

MRS, Inc. Analytical Laboratory Division

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N#	2102067	Address:	Capital Plaza Office Tower
Client Name:	State Of Kentucky		Ceiling Texture
Sampled By:	Bob Keiser		

[illegible]

Methodology : EPA Method 600/R-93-116

Date Analyzed : 6-Feb-14

Analyst : Winterford Mensah

Reviewed By: Winters Mensaf
Signature

The test relates only to the items tested. This report does not represent endorsement by NVLAP or any agency of the U.S. Government. Partial Reproduction of any part of this report is strictly prohibited. Samples shall be retained for (30) days.

AIHA # 102459

AJHA #1 02459

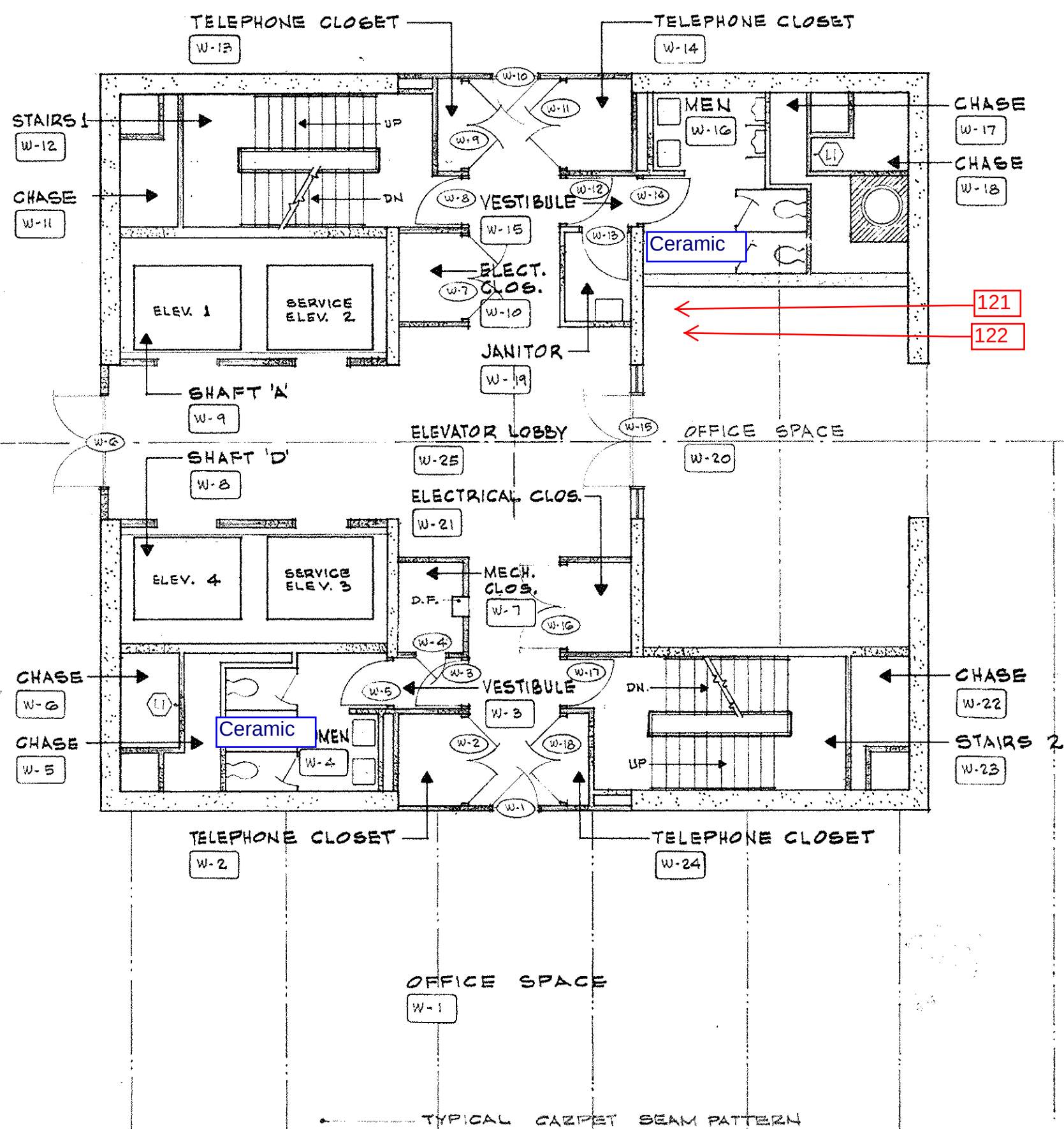
Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
Date: <u>1-31-14</u>	
Address: <u>500 Mero Street, Frankfort, Ky</u>	
Sampled By: <u>Bob Reiser</u> <u>40601</u>	

[illegible]

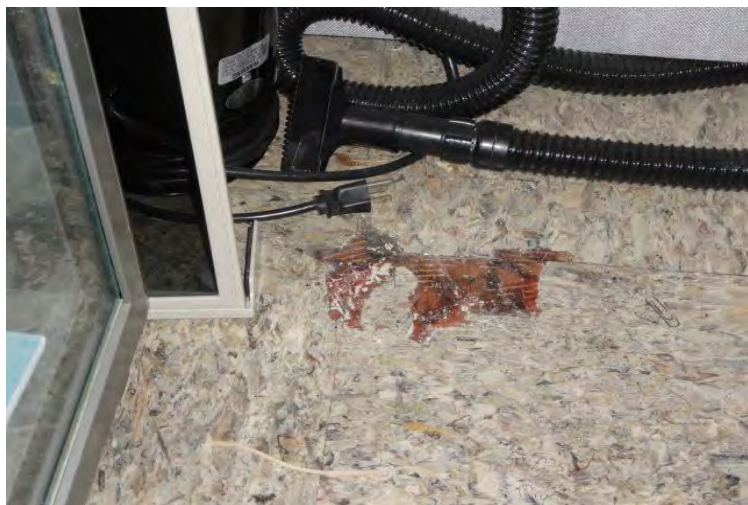
NORTH

SEE PLAN FLOOR 1 THRU 11
SHEET A-25 FOR REFLECTED
CEILING PLAN



PLAN 15TH THRU 23RD FLOORS SECTOR C-2

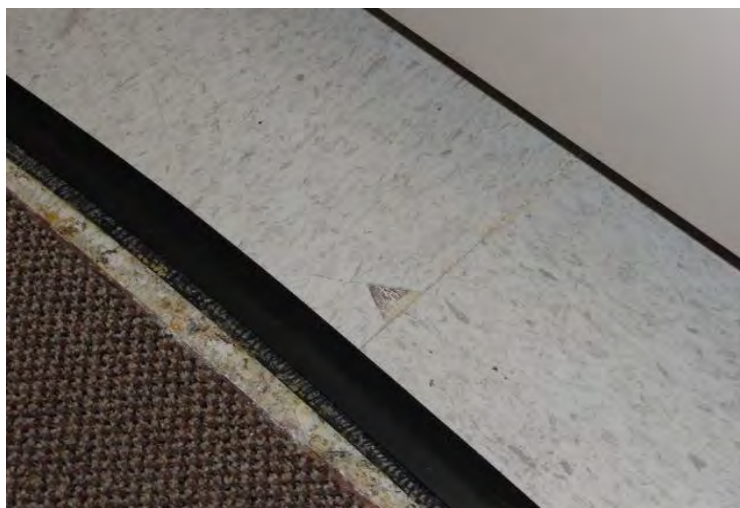
Fifteenth Floor
Capital Plaza Office Tower



Sample 121
Floor tile
Floor 15



Sample 122
Ceiling tile
Floor 15



Sample 123
Floor tile
Floor 15

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

Number	Color			% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
		Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 106	White	Yes	Yes				None	5%			95%
# 107	Gray	Yes	Yes				None	2%			98%
# 108	White	Yes	Yes				None	5%			95%
# 109	White	Yes	Yes				None	2%			98%
# 110	White	Yes	Yes				None	3%			97%
# 111	White	Yes	Yes				None	8%			92%
# 112	White	Yes	Yes				None	5%			95%
# 113	White	Yes	Yes				None	2%			98%
#114	White	Yes	Yes				None	2%			98%
# 115	White	Yes	Yes				None	45%	30%		25%
# 116	White	Yes	Yes				None	48%	27%		25%
# 117	White	Yes	Yes				None	3%			97%
# 118	White	Yes	Yes				None	5%			95%
# 119	White	Yes	Yes				None	3%			97%
# 120	White	Yes	Yes				None	2%			98%
# 121 T	Gray	Yes	Yes				None	3%			97%
# 121 M	Black	Yes	No	2%				2%			98%
# 122	White	Yes	Yes				None	45%	30%		25%
# 123	White	Yes	Yes				None	2%			98%
# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

Page # 6

Date Analyzed : 4-Apr-14Analyst : Winterford Mensah

Reviewed By: _____

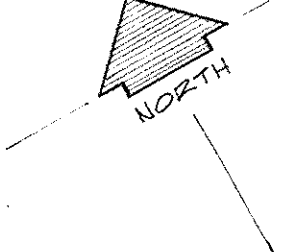


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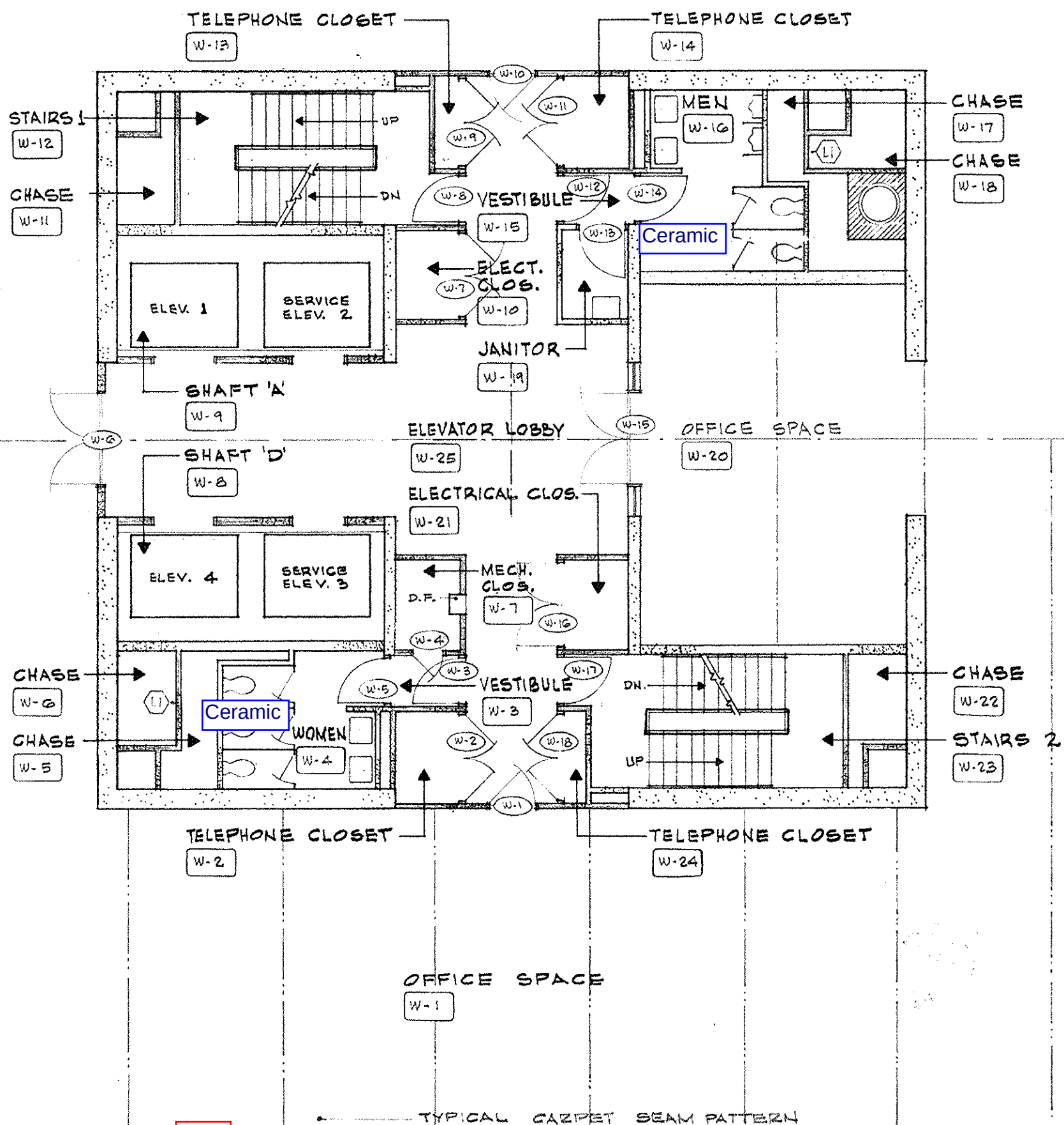
Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>3-26-14</u> Address: <u>500 Nemo Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
---	--

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Comments
106	Lobby	24	ceiling	plaster	white		
107	2414	24	floor	tile	gray		
108	Lobby	23	ceiling	tile	white		
109	2312	23	floor	tile	white	covered	with carpet
110	2204A	22	floor	tile	white		
111	Mess	21	ceiling	tile	white		
112		21	ceiling	tile	white		
113		21	floor	tile	white		
114		20	floor	tile	white		
115		19	ceiling	tile	white		
116		18	ceiling	tile	white		
117	1806	18	floor	tile	white		
118	Lobby	17	ceiling	tile	white		
119	1709	17	floor	tile	white		
120	1625	16	floor	tile	white		
121		15	floor	tile	gray		
122		15	ceiling	tile	white		
123	1522	15	floor	tile	white		
124	1205	12	floor	tile	white		
125	Lobby	11	ceiling	plaster	white		
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	



SEE PLAN FLOOR 1 THRU 11
SHEET A-25 FOR REFLECTED
CEILING PLAN



TYPICAL CARPET SEAM PATTERN

120

PLAN 15TH THRU 23RD FLOORS SECTOR C-2

Sixteenth Floor
Capital Plaza Office Tower



Sample 120
Floor tile
Floor 16

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 106	White	Yes	Yes				None	5%			95%
# 107	Gray	Yes	Yes				None	2%			98%
# 108	White	Yes	Yes				None	5%			95%
# 109	White	Yes	Yes				None	2%			98%
# 110	White	Yes	Yes				None	3%			97%
# 111	White	Yes	Yes				None	8%			92%
# 112	White	Yes	Yes				None	5%			95%
# 113	White	Yes	Yes				None	2%			98%
#114	White	Yes	Yes				None	2%			98%
# 115	White	Yes	Yes				None	45%	30%		25%
# 116	White	Yes	Yes				None	48%	27%		25%
# 117	White	Yes	Yes				None	3%			97%
# 118	White	Yes	Yes				None	5%			95%
# 119	White	Yes	Yes				None	3%			97%
# 120	White	Yes	Yes				None	2%			98%
# 121 T	Gray	Yes	Yes				None	3%			97%
# 121 M	Black	Yes	No	2%				2%			98%
# 122	White	Yes	Yes				None	45%	30%		25%
# 123	White	Yes	Yes				None	2%			98%
# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

Page # 6

Date Analyzed : 4-Apr-14

Analyst : Winterford Mensah

Reviewed By:


Signature

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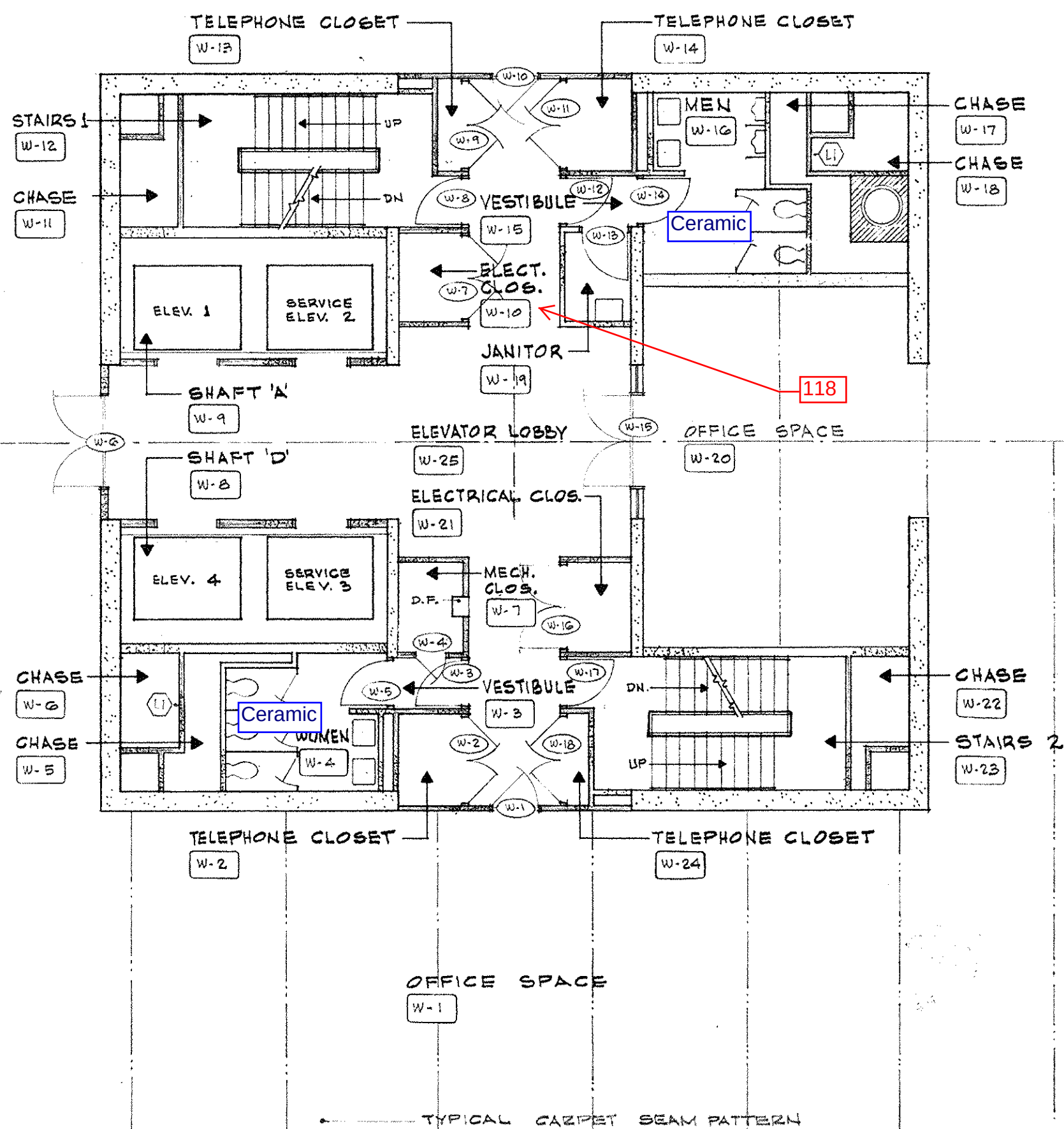
Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>3-26-14</u> Address: <u>500 Nemo Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
---	--

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Comments
106	Lobby	24	ceiling	plaster	white		
107	2414	24	floor	tile	gray		
108	Lobby	23	ceiling	tile	white		
109	2312	23	floor	tile	white	covered	with carpet
110	2204A	22	floor	tile	white		
111	Mess	21	ceiling	tile	white		
112		21	ceiling	tile	white		
113		21	floor	tile	white		
114		20	floor	tile	white		
115		19	ceiling	tile	white		
116		18	ceiling	tile	white		
117	1806	18	floor	tile	white		
118	Lobby	17	ceiling	tile	white		
119	1709	17	floor	tile	white		
120	1625	16	floor	tile	white		
121		15	floor	tile	gray		
122		15	ceiling	tile	white		
123	1522	15	floor	tile	white		
124	1205	12	floor	tile	white		
125	Lobby	11	ceiling	plaster	white		
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	

NORTH

SEE PLAN FLOOR 1 THRU 11
SHEET A-25 FOR REFLECTED
CEILING PLAN





Sample 118
Ceiling tile
Floor 17



Sample 119
Floor tile
Floor 17

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastix Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 106	White	Yes	Yes				None	5%			95%
# 107	Gray	Yes	Yes				None	2%			98%
# 108	White	Yes	Yes				None	5%			95%
# 109	White	Yes	Yes				None	2%			98%
# 110	White	Yes	Yes				None	3%			97%
# 111	White	Yes	Yes				None	8%			92%
# 112	White	Yes	Yes				None	5%			95%
# 113	White	Yes	Yes				None	2%			98%
#114	White	Yes	Yes				None	2%			98%
# 115	White	Yes	Yes				None	45%	30%		25%
# 116	White	Yes	Yes				None	48%	27%		25%
# 117	White	Yes	Yes				None	3%			97%
# 118	White	Yes	Yes				None	5%			95%
# 119	White	Yes	Yes				None	3%			97%
# 120	White	Yes	Yes				None	2%			98%
# 121 T	Gray	Yes	Yes				None	3%			97%
# 121 M	Black	Yes	No	2%				2%			98%
# 122	White	Yes	Yes				None	45%	30%		25%
# 123	White	Yes	Yes				None	2%			98%
# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

Page # 6

Date Analyzed : 4-Apr-14Analyst : Winterford Mensah

Reviewed By: _____



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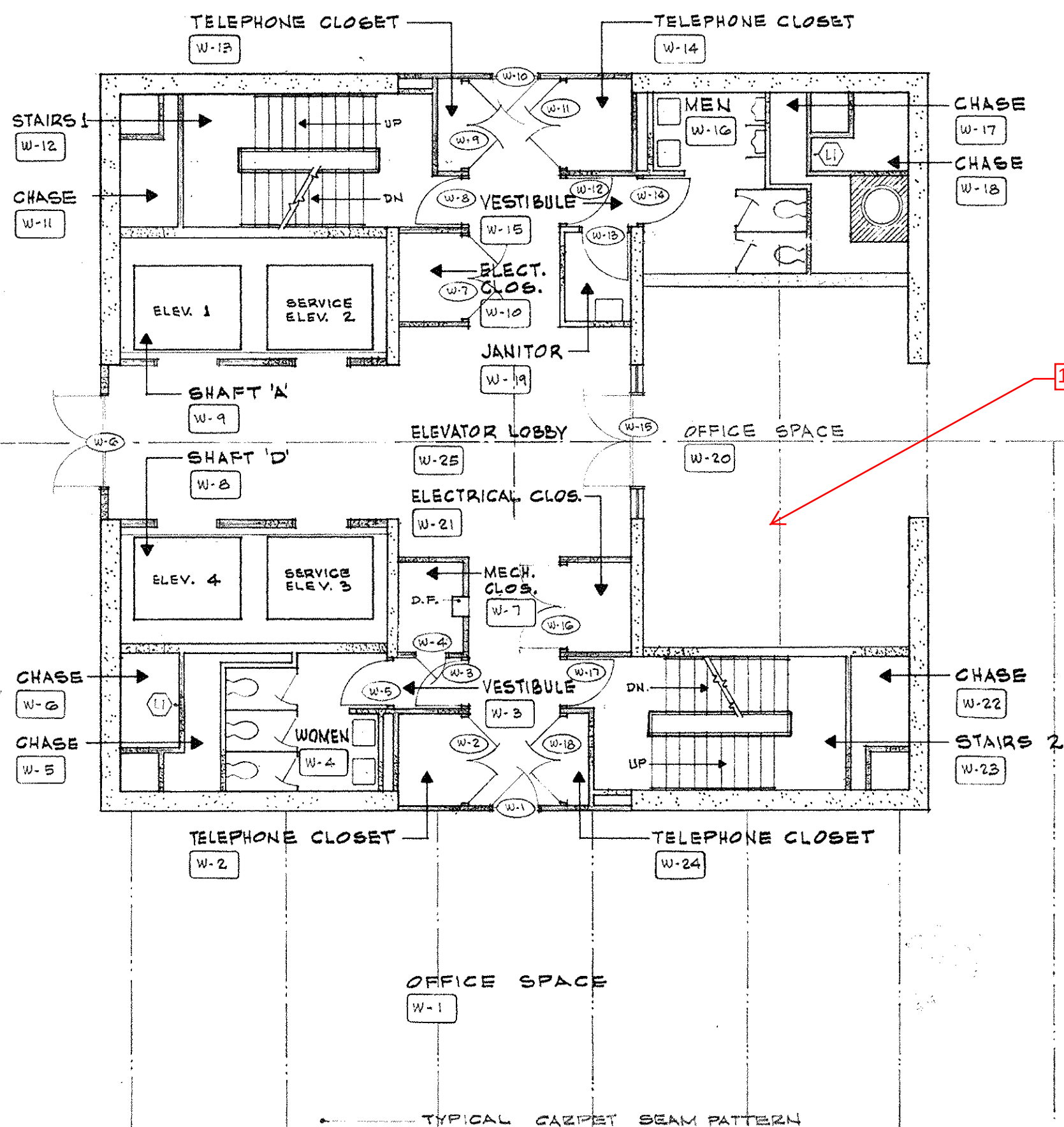
Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>3-26-14</u> Address: <u>500 Nemo Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
---	--

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Comments
106	Lobby	24	ceiling	plaster	white		
107	2414	24	floor	tile	gray		
108	Lobby	23	ceiling	tile	white		
109	2312	23	floor	tile	white	covered	with carpet
110	2204A	22	floor	tile	white		
111	Mess	21	ceiling	tile	white		
112		21	ceiling	tile	white		
113		21	floor	tile	white		
114		20	floor	tile	white		
115		19	ceiling	tile	white		
116		18	ceiling	tile	white		
117	1806	18	floor	tile	white		
118	Lobby	17	ceiling	tile	white		
119	1709	17	floor	tile	white		
120	1625	16	floor	tile	white		
121		15	floor	tile	gray		
122		15	ceiling	tile	white		
123	1522	15	floor	tile	white		
124	1205	12	floor	tile	white		
125	Lobby	11	ceiling	plaster	white		
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	

NORTH

SEE PLAN FLOOR 1 THRU 11
SHEET A-25 FOR REFLECTED
CEILING PLAN



116

117



Sample 116
Ceiling tile
Floor 18



Sample 117
Floor tile
Floor 18

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 106	White	Yes	Yes				None	5%			95%
# 107	Gray	Yes	Yes				None	2%			98%
# 108	White	Yes	Yes				None	5%			95%
# 109	White	Yes	Yes				None	2%			98%
# 110	White	Yes	Yes				None	3%			97%
# 111	White	Yes	Yes				None	8%			92%
# 112	White	Yes	Yes				None	5%			95%
# 113	White	Yes	Yes				None	2%			98%
#114	White	Yes	Yes				None	2%			98%
# 115	White	Yes	Yes				None	45%	30%		25%
# 116	White	Yes	Yes				None	48%	27%		25%
# 117	White	Yes	Yes				None	3%			97%
# 118	White	Yes	Yes				None	5%			95%
# 119	White	Yes	Yes				None	3%			97%
# 120	White	Yes	Yes				None	2%			98%
# 121 T	Gray	Yes	Yes				None	3%			97%
# 121 M	Black	Yes	No	2%				2%			98%
# 122	White	Yes	Yes				None	45%	30%		25%
# 123	White	Yes	Yes				None	2%			98%
# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

Page # 6

Date Analyzed : 4-Apr-14Analyst : Winterford Mensah

Reviewed By: _____



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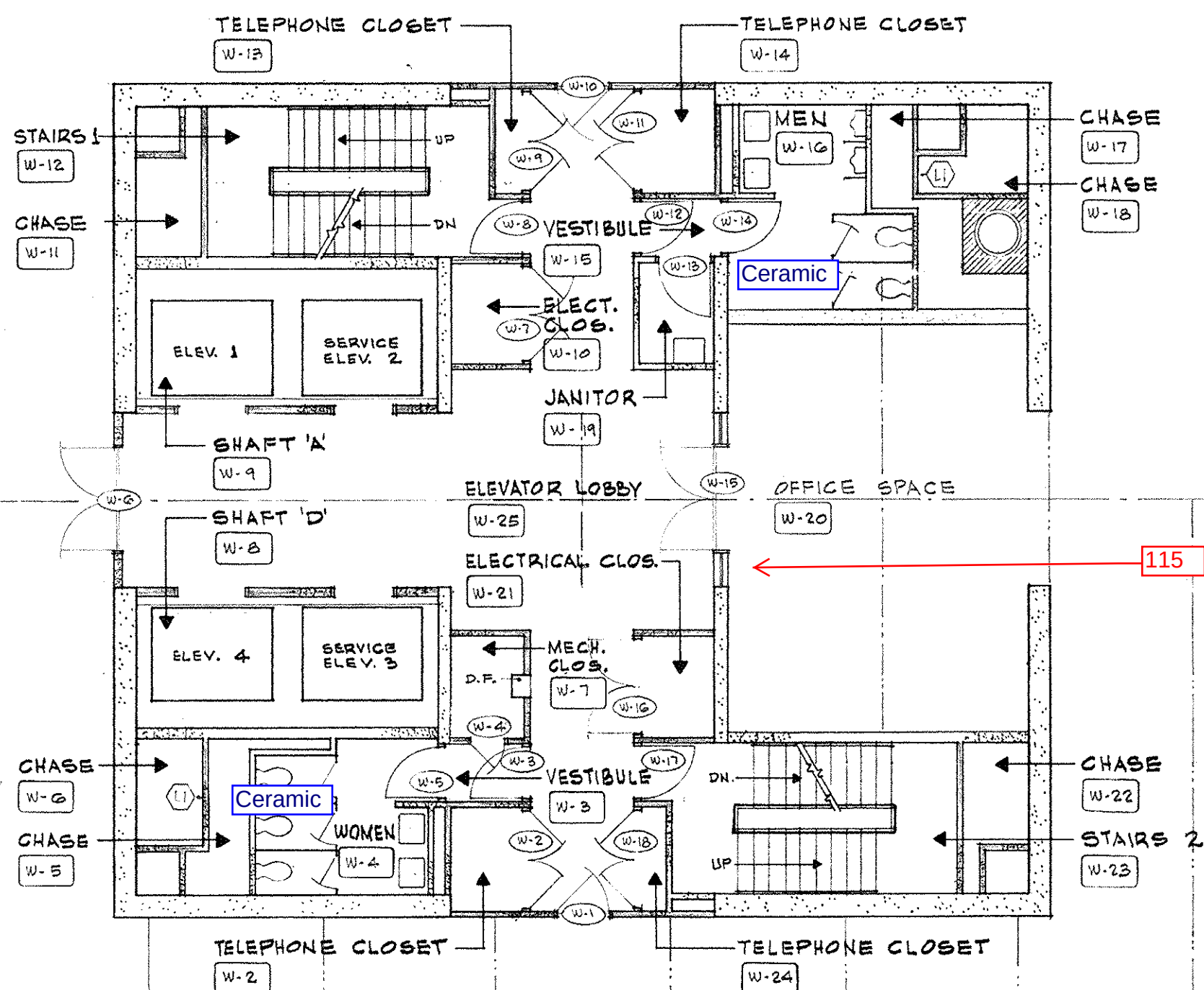
Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>3-26-14</u> Address: <u>500 Nemo Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
---	--

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Comments
106	Lobby	24	ceiling	plaster	white		
107	2414	24	floor	tile	gray		
108	Lobby	23	ceiling	tile	white		
109	2312	23	floor	tile	white	covered	with carpet
110	2204A	22	floor	tile	white		
111	Mess	21	ceiling	tile	white		
112		21	ceiling	tile	white		
113		21	floor	tile	white		
114		20	floor	tile	white		
115		19	ceiling	tile	white		
116		18	ceiling	tile	white		
117	1806	18	floor	tile	white		
118	Lobby	17	ceiling	tile	white		
119	1709	17	floor	tile	white		
120	1625	16	floor	tile	white		
121		15	floor	tile	gray		
122		15	ceiling	tile	white		
123	1522	15	floor	tile	white		
124	1205	12	floor	tile	white		
125	Lobby	11	ceiling	plaster	white		
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	

NORTH

SEE PLAN FLOOR 1 THRU 11
SHEET A-25 FOR REFLECTED
CEILING PLAN



No tile on this floor
Concrete under carpet

OFFICE SPACE
W-1

TYPICAL CARPET SEAM PATTERN

115



Sample 115
Ceiling tile
Floor 19

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212

Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

				% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
Number	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 106	White	Yes	Yes				None	5%			95%
# 107	Gray	Yes	Yes				None	2%			98%
# 108	White	Yes	Yes				None	5%			95%
# 109	White	Yes	Yes				None	2%			98%
# 110	White	Yes	Yes				None	3%			97%
# 111	White	Yes	Yes				None	8%			92%
# 112	White	Yes	Yes				None	5%			95%
# 113	White	Yes	Yes				None	2%			98%
#114	White	Yes	Yes				None	2%			98%
# 115	White	Yes	Yes				None	45%	30%		25%
# 116	White	Yes	Yes				None	48%	27%		25%
# 117	White	Yes	Yes				None	3%			97%
# 118	White	Yes	Yes				None	5%			95%
# 119	White	Yes	Yes				None	3%			97%
# 120	White	Yes	Yes				None	2%			98%
# 121 T	Gray	Yes	Yes				None	3%			97%
# 121 M	Black	Yes	No	2%				2%			98%
# 122	White	Yes	Yes				None	45%	30%		25%
# 123	White	Yes	Yes				None	2%			98%
# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

Page # 6

Date Analyzed : 4-Apr-14

Analyst : Winterford Mensah

Reviewed By:


Signature

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AIHA # 102459

AJHA #1 02459

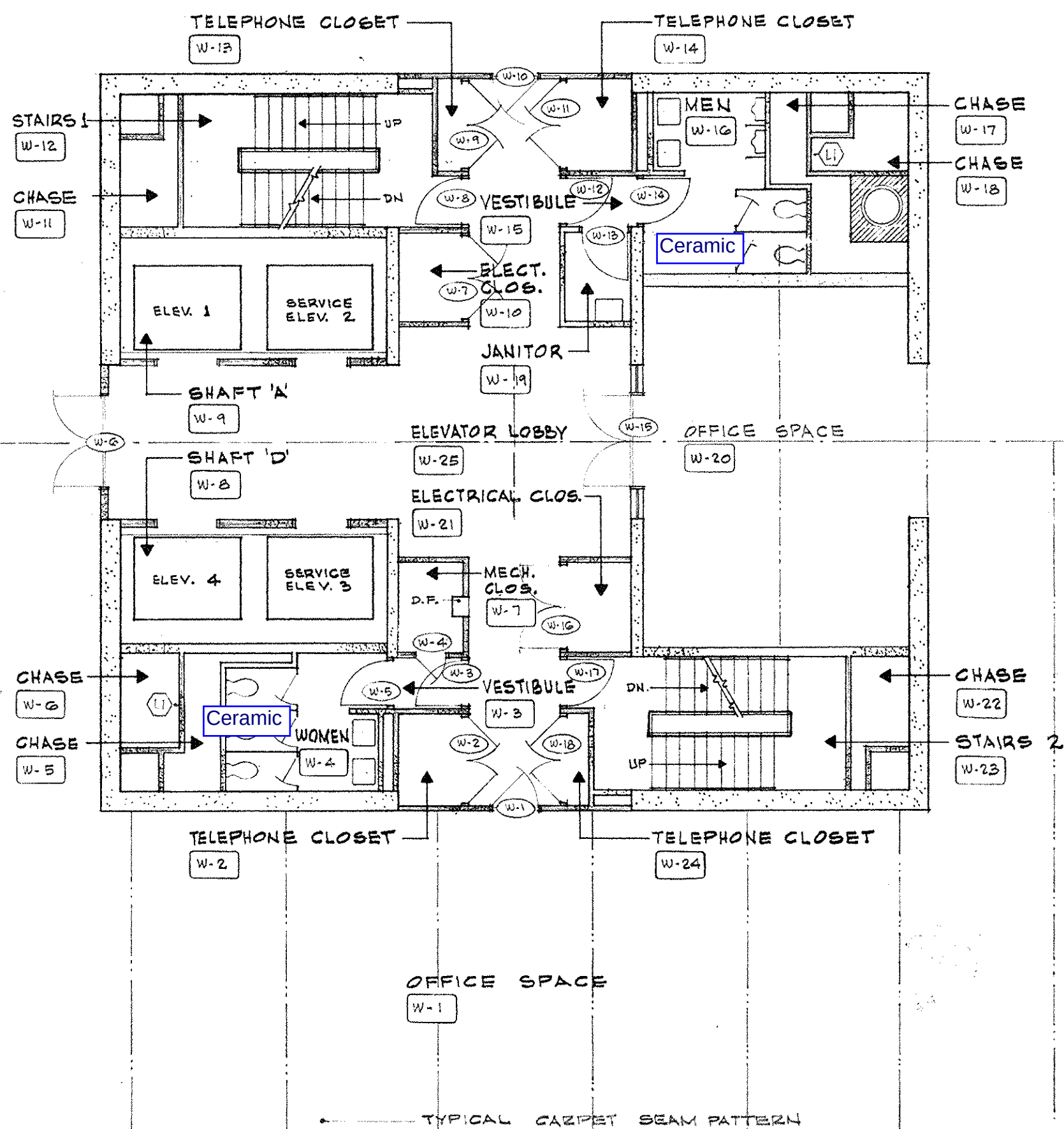
Asbestos Inspection Form and Chain of Custody

Project: <u>Capital Plaza Office Tower</u> Date: <u>3-26-14</u> Address: <u>500 Nemo Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
---	--

Sample #	Room #	Floor #	Location	Matrix	Color	Size	Comments
106	Lobby	24	ceiling	plaster	white		
107	2414	24	floor	tile	gray		
108	Lobby	23	ceiling	tile	white		
109	2312	23	floor	tile	white	covered	with carpet
110	2204A	22	floor	tile	white		
111	Mess	21	ceiling	tile	white		
112		21	ceiling	tile	white		
113		21	floor	tile	white		
114		20	floor	tile	white		
115		19	ceiling	tile	white		
116		18	ceiling	tile	white		
117	1806	18	floor	tile	white		
118	Lobby	17	ceiling	tile	white		
119	1709	17	floor	tile	white		
120	1625	16	floor	tile	white		
121		15	floor	tile	gray		
122		15	ceiling	tile	white		
123	1522	15	floor	tile	white		
124	1205	12	floor	tile	white		
125	Lobby	11	ceiling	plaster	white		
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	

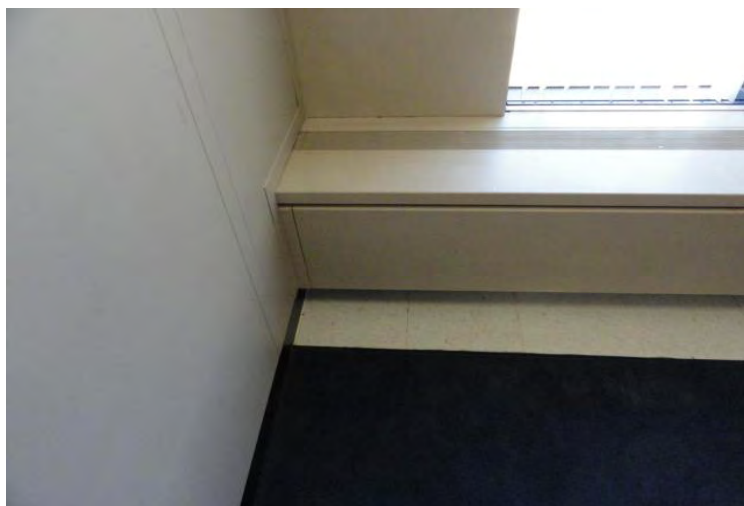
NORTH

SEE PLAN FLOOR 1 THRU 11
SHEET A-25 FOR REFLECTED
CEILING PLAN



PLAN 15TH THRU 23RD FLOORS SECTOR C-2

Twentieth Floor
Capital Plaza Office Tower



Sample 114
Floor tile
Floor 20

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

Number	Color			% FIBROUS ASBESTOS				% NON-ASBESTOS FIBERS			
		Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 106	White	Yes	Yes				None	5%			95%
# 107	Gray	Yes	Yes				None	2%			98%
# 108	White	Yes	Yes				None	5%			95%
# 109	White	Yes	Yes				None	2%			98%
# 110	White	Yes	Yes				None	3%			97%
# 111	White	Yes	Yes				None	8%			92%
# 112	White	Yes	Yes				None	5%			95%
# 113	White	Yes	Yes				None	2%			98%
#114	White	Yes	Yes				None	2%			98%
# 115	White	Yes	Yes				None	45%	30%		25%
# 116	White	Yes	Yes				None	48%	27%		25%
# 117	White	Yes	Yes				None	3%			97%
# 118	White	Yes	Yes				None	5%			95%
# 119	White	Yes	Yes				None	3%			97%
# 120	White	Yes	Yes				None	2%			98%
# 121 T	Gray	Yes	Yes				None	3%			97%
# 121 M	Black	Yes	No	2%				2%			98%
# 122	White	Yes	Yes				None	45%	30%		25%
# 123	White	Yes	Yes				None	2%			98%
# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

Page # 6

Date Analyzed : 4-Apr-14Analyst : Winterford Mensah

Reviewed By: _____



Signature

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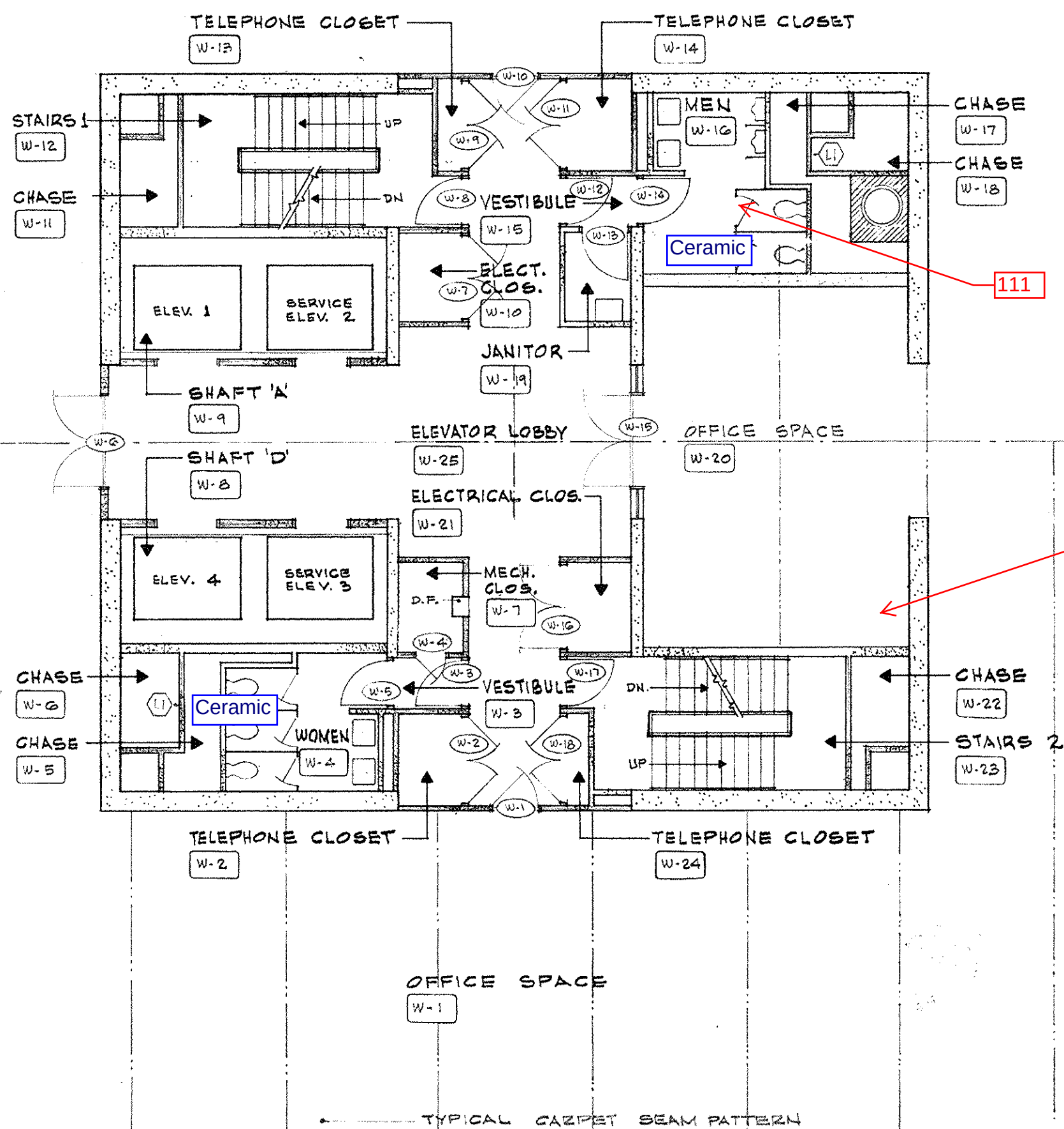
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Project: <u>Capital Plaza Office Tower</u> Date: <u>3-26-14</u> Address: <u>500 Nemo Street, Frankfort</u> Sampled By: <u>Bob Keiser</u>	Lee Engineering, llc P.O. Box 500 Lawrenceburg, KY 40341 Ph (502)600-0016
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110	2204A	22	floor	tile	white		
111	Mess	21	ceiling	tile	white		
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113		21	floor	tile	white		
114		20	floor	tile	white		
115		19	ceiling	tile	white		
116		18	ceiling	tile	white		
117	1806	18	floor	tile	white		
118	Lobby	17	ceiling	tile	white		
119	1709	17	floor	tile	white		
120	1625	16	floor	tile	white		
121		15	floor	tile	gray		
122		15	ceiling	tile	white		
123	1522	15	floor	tile	white		
124	1205	12	floor	tile	white		
125	Lobby	11	ceiling	plaster	white		
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NORTH

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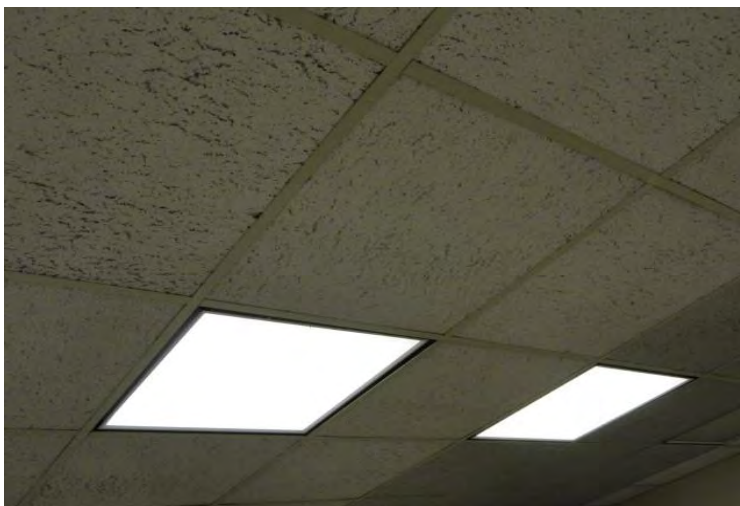


112

113



Sample 111
Ceiling tile
Floor 21



Sample 112
Ceiling tile
Floor 21



Sample 113
Floor tile
Floor 21

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

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# 115	White	Yes	Yes				None	45%	30%		25%
# 116	White	Yes	Yes				None	48%	27%		25%
# 117	White	Yes	Yes				None	3%			97%
# 118	White	Yes	Yes				None	5%			95%
# 119	White	Yes	Yes				None	3%			97%
# 120	White	Yes	Yes				None	2%			98%
# 121 T	Gray	Yes	Yes				None	3%			97%
# 121 M	Black	Yes	No	2%				2%			98%
# 122	White	Yes	Yes				None	45%	30%		25%
# 123	White	Yes	Yes				None	2%			98%
# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

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Date Analyzed : 4-Apr-14Analyst : Winterford Mensah

Reviewed By: _____



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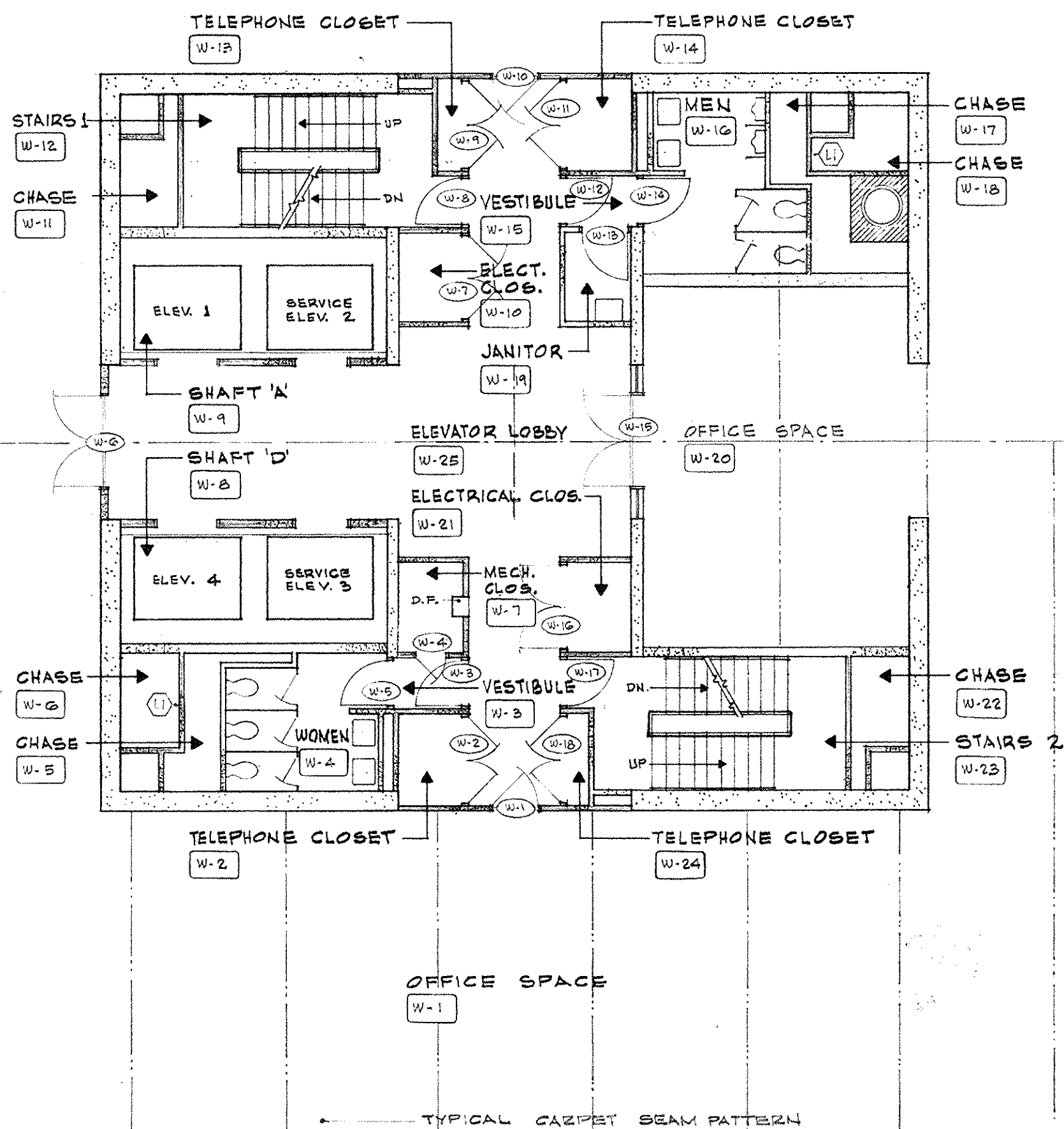
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124	1205	12	floor	tile	white		
125	Lobby	11	ceiling	plaster	white		
Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	

NORTH

SEE PLAN FLOOR 1 THRU 11
SHEET A-25 FOR REFLECTED
CEILING PLAN





Sample 110
Floor tile
Floor 22

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
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# 109	White	Yes	Yes				None	2%			98%
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# 121 M	Black	Yes	No	2%				2%			98%
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# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

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Reviewed By: _____

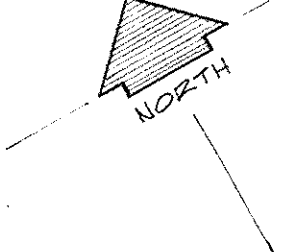


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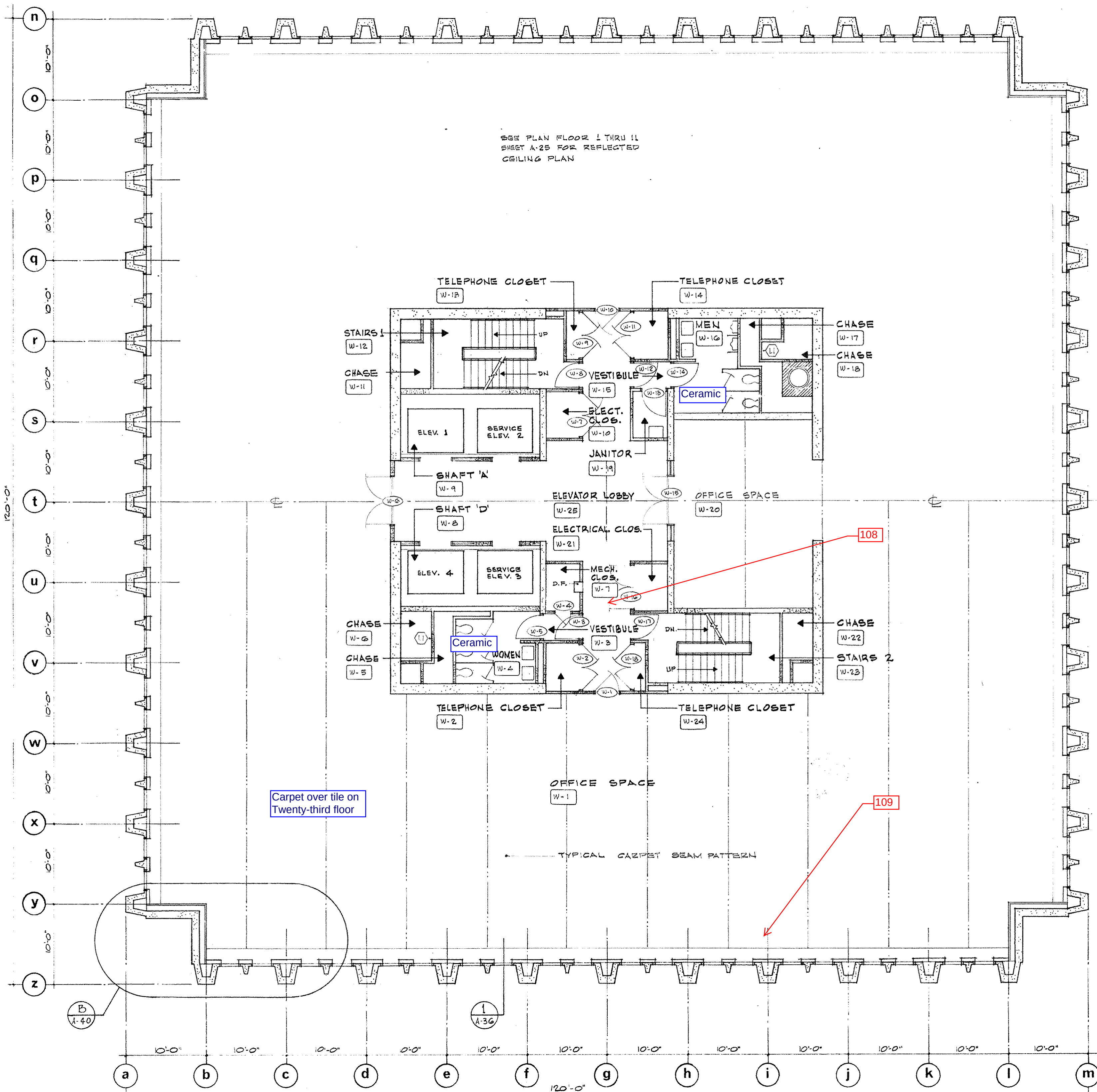
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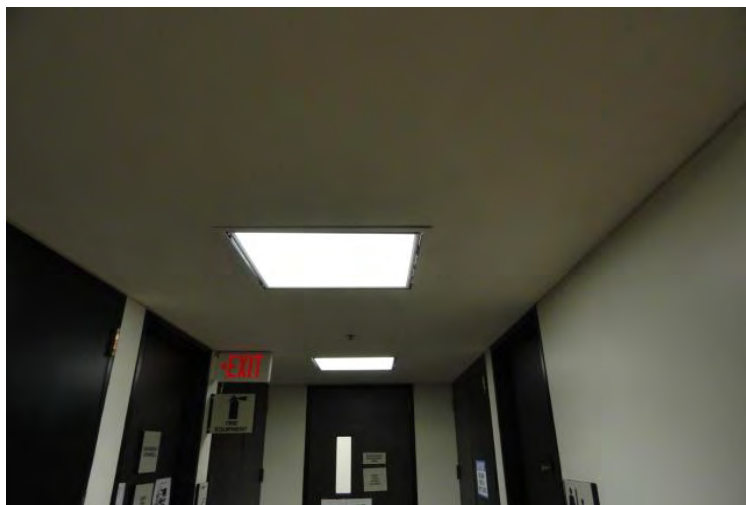


SEE PLAN FLOOR 1 THRU 11
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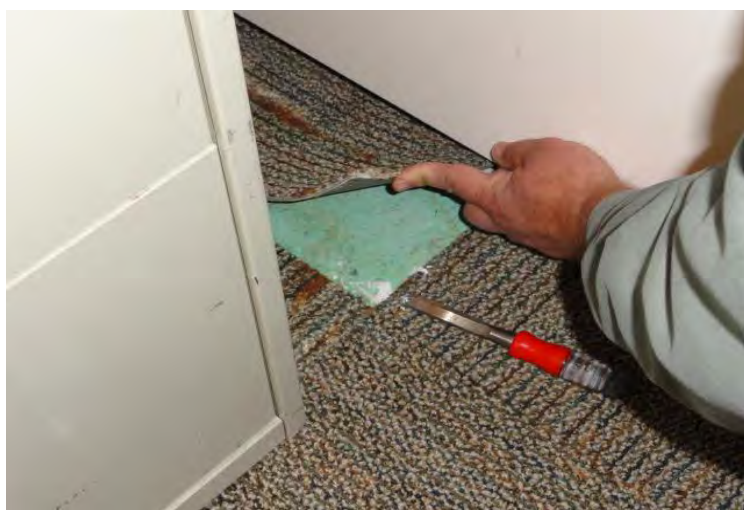


PLAN 15TH THRU 23RD FLOORS SECTOR C-2

Twenty-third Floor
Capital Plaza Office Tower



Sample 108
Ceiling tile
Floor 23



Sample 109
Floor tile
Floor 23

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
Fax: (502) 491-7111

BULK SAMPLE ASBESTOS ANALYSIS

Analysis N# 2104011 Address: 500 Mero Street
Client Name: State Of KY Frankfort, KY
Sampled By: Bob Keiser (Capital Plaza Office Tower)
T = Floor Tile / M = Mastic Under The Floor Tile

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# 107	Gray	Yes	Yes				None	2%			98%
# 108	White	Yes	Yes				None	5%			95%
# 109	White	Yes	Yes				None	2%			98%
# 110	White	Yes	Yes				None	3%			97%
# 111	White	Yes	Yes				None	8%			92%
# 112	White	Yes	Yes				None	5%			95%
# 113	White	Yes	Yes				None	2%			98%
#114	White	Yes	Yes				None	2%			98%
# 115	White	Yes	Yes				None	45%	30%		25%
# 116	White	Yes	Yes				None	48%	27%		25%
# 117	White	Yes	Yes				None	3%			97%
# 118	White	Yes	Yes				None	5%			95%
# 119	White	Yes	Yes				None	3%			97%
# 120	White	Yes	Yes				None	2%			98%
# 121 T	Gray	Yes	Yes				None	3%			97%
# 121 M	Black	Yes	No	2%				2%			98%
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# 123	White	Yes	Yes				None	2%			98%
# 124	White	Yes	Yes				None	2%			98%

Methodology : EPA Method 600/R-93-116

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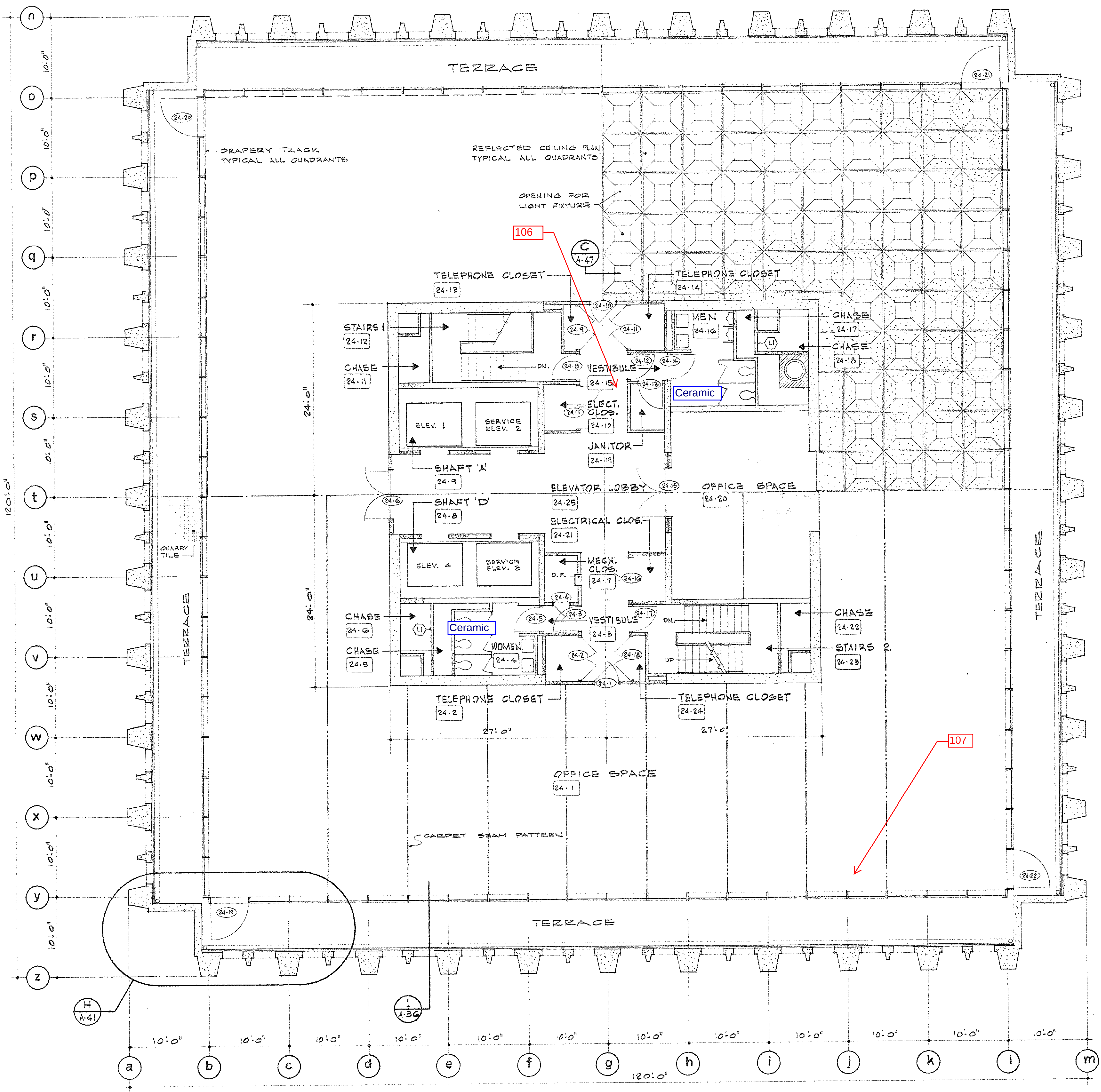


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Relinquished By: Signature			Received By: Signature			Date & Time	
Relinquished By: Signature			Received By: Signature			Date & Time	



PLAN 24TH FLOOR SECTOR C-2

1/8" = 1'-0"

Twenty-fourth Floor
Capital Plaza Office Tower



Sample 106
Ceiling plaster
Floor 24



Sample 107
Floor tile
Floor 24

332 West Broadway, Suite 613
Louisville, Kentucky 40202

(502) 495-1212
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Lee Engineering, LLC
Environment & Infrastructure

P.O. Box 500
Lawrenceburg, KY 40342
(502) 859-0190 ♦ (502) 859-3000 fax
jlleeeng@bellsouth.net

LIMITED ASBESTOS SURVEY AT

**Capitol Tower
500 Mero Drive
Frankfort, KY 40601**

**For:
Maziar Torabi, PE
Division of Engineering,
Dept. for Facilities & Support Services
Bush Building, 403 Wapping Street
Frankfort, KY 40601**

***Air Source Technology, Inc.*
160 Prosperous Place, Suite 201
Lexington, Kentucky 40509**

Report Date: March 15, 2012

ASTI Project # C7530

Table of Contents

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INTRODUCTION & PROTOCOL.....	1
SUMMARY OF LAB RESULTS FOR SUSPECT ACBM	2
APPLICABLE REFERENCES.....	4
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LABORATORY REPORTS.....	Appendix B
SAMPLE LOCATIONS	Appendix C

Introduction & Protocol

INTRODUCTION: As part of an assessment for future renovations at the Capitol Tower, located in Frankfort, KY, Air Source Technology, Inc (ASTI) conducted a limited asbestos survey for the Kentucky Division of Engineering & Contract Administration.

SURVEY PROTOCOL: The survey work was performed in accordance with applicable hazardous material regulations and standards as established by the United States Environmental Protection Agency and the Commonwealth of Kentucky. In general, ASTI followed the survey protocol outlined in ASTM International (ASTM) Document E2308-05, Standard Guide for Limited Asbestos Screens of Buildings.

Summary of Lab Results for Suspect ACBM

Suspect Asbestos Building Material Samples		
Sample ID	Description/ Location	Asbestos (%)
CT-24-1a	12" Floor Tile: White with grey/ 24 th Floor Perimeter	NAD
CT-24-1a	Yellow Mastic/ 24 th Floor Perimeter	NAD
CT-24-2	2'x2' Drop Ceiling Tile/ 24 th Floor Lobby	NAD
CT-24-3	2'x2' Drop Ceiling Tile/ 24 th Floor Lobby	NAD
CT-24-4	2'x2' Drop Ceiling Tile/ 24 th Floor Lobby	NAD
CT-23-1	Plaster Ceiling/ 23 rd Floor Core	NAD
CT-15-1a	12" Floor Tile: Grey/ 15 th Floor Lobby	0.75% Chrysotile*
CT-15-1b	Black Mastic/ 15 th Floor Lobby	NAD
CT-15-2a	12" Floor Tile: Grey/ 15 th Floor Lobby	Not Analyzed
CT-15-2b	Black Mastic/ 15 th Floor Lobby	NAD
CT-15-3a	12" Floor Tile: Grey/ 15 th Floor Lobby	Not Analyzed
CT-15-3b	Black Mastic/ 15 th Floor Lobby	NAD
CT-15-4a	Blue Mastic/ 15 th Floor Perimeter	NAD
CT-15-4b	12" Floor Tile: White/ 15 th Floor Perimeter	NAD
CT-15-4c	Yellow Mastic/ 15 th Floor Perimeter	NAD
CT-1 (14 th)	3" Pipe Insulation/ 14 th Floor Server Room	6% Chrysotile 12% Amosite
CT-2a (14 th)	12" Floor Tile: White/ 14 th Floor Vault	2% Chrysotile
CT-2b (14 th)	Black Mastic	5% Chrysotile
CT-3 (14 th)	2'x2' Drop Ceiling Tile/ 14 th Floor	NAD
CT-4 (14 th)	Ceiling Plaster/ Central Halls & Closets/ 14 th Floor	NAD
CT-5 (14 th)	3" Pipe Joint Compound/ Pipe Chase/ 14 th Floor	8% Chrysotile 2% Amosite
CT-6 (14 th)	6" Pipe Joint Compound/ 14 th Floor Maintenance Closet	NAD
CT-7a (14 th)	12" Floor Tile: White/ 14 th Floor Vault	4% Chrysotile
CT-7b (14 th)	Black Mastic	3% Chrysotile
CT-8 (14 th)	2'x2' Drop Ceiling Tile/ 14 th Floor	NAD
CT-9 (14 th)	Ceiling Plaster/ 14 th Floor Central Halls & Closets	NAD
CT-13-1	Fire Door Insulation/ 13 th Floor	5% Chrysotile 15% Amosite
CT-1-1a	12" Floor Tile: Green/ 1 st Floor Perimeter	NAD
CT-1-1b	Yellow Mastic/ 1 st Floor Perimeter	NAD
CT-Lobby-1a	12" Floor Tile: White/ Lobby Mr. Dyer's Office	NAD
CT-Lobby-1b	Yellow Mastic/ Lobby Mr. Dyer's Office	NAD
CT-Lobby-2	2'x2' Drop Ceiling Tile/ Lobby Mr. Dyer's Office	NAD

*Note: Results of Point Count Analysis

Suspect Asbestos Building Material Samples		
Sample ID	Description/ Location	Asbestos (%)
CT-Mez-1	2'x4' Drop Ceiling Tile/ Mezzanine Lobby	NAD
CT-Mez-2	2'x4' Drop Ceiling Tile/ Mezzanine Lobby	NAD
CT-Mez-3	2'x4' Drop Ceiling Tile/ Mezzanine Lobby	NAD
CT-Mez-4	Textured Ceiling/ Mezzanine Lobby	0.50% Chrysotile*
CT-Mez-5	Textured Ceiling/ Mezzanine Lobby	0.25% Chrysotile*
CT-Mez-6	Textured Ceiling/ Mezzanine Lobby	0.50% Chrysotile*
CT-Mez-7a	Yellow Mastic/ Mezzanine Nurse's Station	NAD
CT-Mez-7b	12" Floor Tile: Cream/ Mezzanine Nurse's Station	1.0% Chrysotile*
CT-Mez-8	3'x3' Drop Ceiling Tile/ Mezzanine	NAD
CT-Mez-9	3'x3' Drop Ceiling Tile/ Mezzanine	NAD
CT-Mez-10	3'x3' Drop Ceiling Tile/ Mezzanine	NAD
CT-Mez-11a	12" Floor Tile: Tan/ Mezzanine Mail	0.75% Chrysotile*
CT-Mez-11b	Black Mastic/ Mezzanine Mail	1.25% Chrysotile*
CT-Mez-12	12" Floor Tile: Tan/ Mezzanine Mail	Not Analyzed
CT-Mez-13	12" Floor Tile: Tan/ Mezzanine Mail	Not Analyzed
CT-Mez-14	2'x4' Drop Ceiling Tile/ Mezzanine Mail	NAD
CT-Mez-15	2'x4' Drop Ceiling Tile/ Mezzanine Mail	NAD
CT-Mez-16	2'x4' Drop Ceiling Tile/ Mezzanine Mail	NAD
CT-Ground-1	Boiler Flue Insulation/ Ground Floor Boiler Room	NAD
CT-Ground-2	Boiler Flue Insulation/ Ground Floor Boiler Room	NAD
CT-Ground-3	Boiler Flue Insulation/ Ground Floor Boiler Room	NAD
CT-Ground-4	2'x2' Drop Ceiling Tile (cloth face)/ Ground Floor Hallway	NAD
CT-Ground-5	2'x2' Drop Ceiling Tile (cloth face)/ Ground Floor Hallway	NAD
CT-Ground-6	2'x2' Drop Ceiling Tile (cloth face)/ Ground Floor Hallway	NAD

*Note: Results of Point Count Analysis

Asbestos containing materials were identified as the 12" floor tile (and associated black mastic), fire door insulation, pipe insulation, and pipe joint compound. Boiler insulation and gaskets are assumed to be positive. See Appendix A for photographs of sample locations. See Appendix B for laboratory analyses.

Quantities of pipe insulation/joint compound can only be estimated at this time due to occupancy/usage of the areas. A destructive survey would be required to quantify ACBM in pipe chases and to determine if asbestos containing materials are found within the partition walls.

ACBM Material	Estimated Quantity	Estimated Removal Cost
Floor tile and black mastic	970 ft ²	\$9,000
Pipe Insulation	1500 linear feet	\$15,000
Pipe Joint Compound	2000	\$60,000
Fire Door	70	\$3,500

APPLICABLE REFERENCES

1. U. S. Environmental Protection Agency (EPA):

- A. Title 40, Code of Federal Regulations, Part 763, Subpart E, Asbestos Containing Materials in Schools.
- B. Title 40, Code of Federal Regulations, Part 61, Subpart A, Regulation for Asbestos.
- C. Title 40, Code of Federal Regulations, Part 61, Subpart M (Revised Subpart B), National Emissions Standards for Hazardous Air Pollutants.

2. Commonwealth of Kentucky:

- A. Kentucky Natural Resources and Environmental Protection Cabinet, Division for Air Quality 401 KAR 58:005 (accreditation of asbestos professionals), 401 KAR 58:025 (asbestos NESHAPS standards), 401 KAR 58:010 (AHERA requirements for schools), and 401 KAR 58:040 (certification and work-practice requirements for abatement entities).
- B. Kentucky Division of Occupational Safety & Health Revisions to Adopted 29 CFR Part 1926.1101, Asbestos, Tremolite, Anthophyllite, and Actinolite. Also revisions to Amended 29 CFR Part 1910.1001, Occupational Exposure to Asbestos, Tremolite, Anthophyllite, and Actinolite.
- C. Kentucky Natural Resources and Environmental Protection, Division of Waste Management, Recommended Procedures for Treatment and Disposal of Asbestos Waste.

3. American Society for Testing and Materials (ASTM):

- A. ASTM International, Designation E2308-5, Standard Guide for Limited Asbestos Screens of Buildings.

Appendix A

Photographs



Photograph #1: Sample CT-24-1: 12" Floor Tile (white).



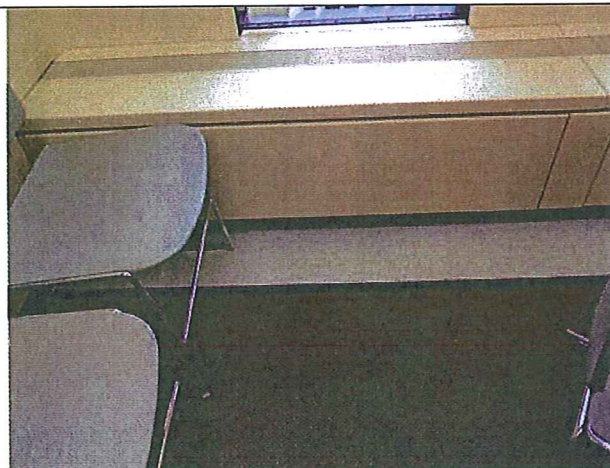
Photograph #2: Samples CT-24-2, CT-24-3 & CT-24-4: 2'x2' Drop Ceiling Tile



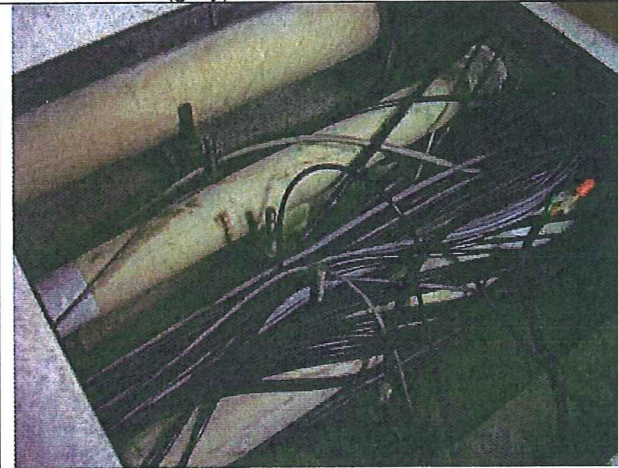
Photograph #3: Sample CT-23-1: Plaster Ceiling



Photograph #4: Sample CT-15-1, CT-15-2 & CT-15-3: 12" Floor Tile (grey).



Photograph #5: Sample CT-15-4" 12" Floor Tile (white).



Photograph #6: Sample CT-1: 3" Pipe Insulation.



Photograph #7: Sample CT-2 & CT-7: 12" white floor tile with black mastic.



Photograph #8: Sample CT-3 & CT-8: 2'x2' Drop Ceiling Tile.



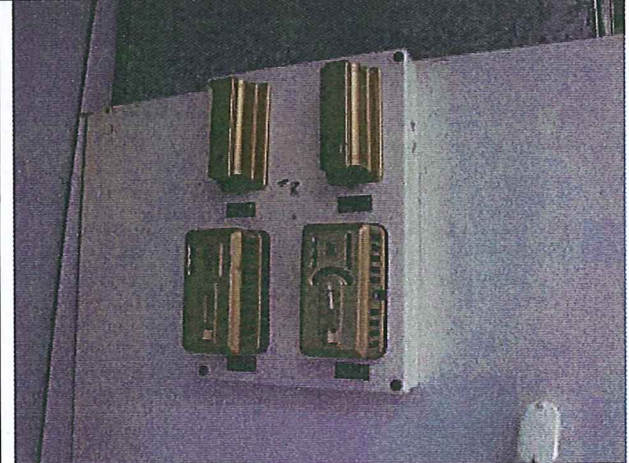
Photograph #9: Sample CT-4 & CT-9: Plaster Ceilings.



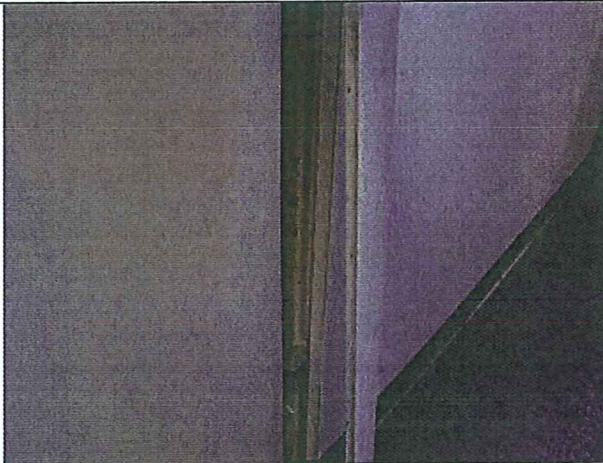
Photograph #10: Sample CT-5: 3" Pipe Joint Compound.



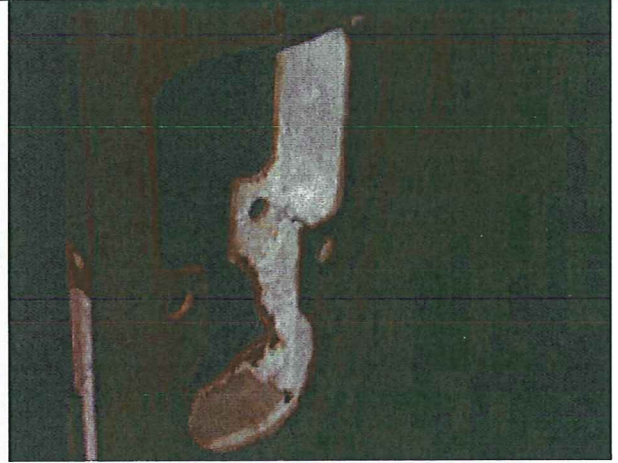
Photograph #11: Sample CT-6: 6" Pipe Joint Compound.



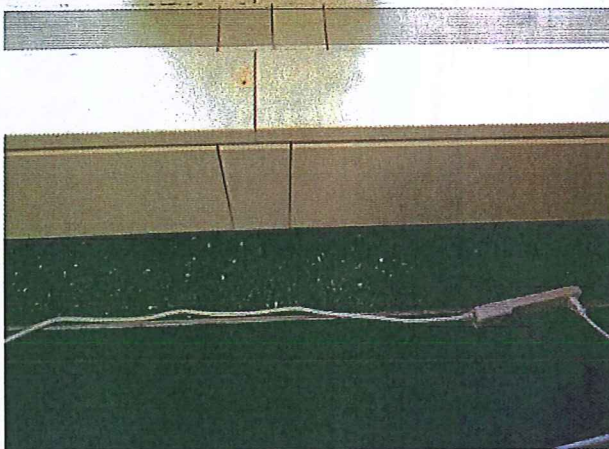
Photograph #12: Mercury containing thermostats located in the server rooms.



Photograph #13: The interior of partition walls and doors needs to be accessed.



Photograph #14: Sample CT-13b-1: Fire Door Insulation.



Photograph #15: Sample CT-1-1: 12" Floor Tile (green).



Photograph #16: Sample CT-Lobby-1: 12" Floor Tile (white).



Photograph #17: Sample CT-Lobby-2: 2'x2' Drop Ceiling Tile.



Photograph #18: Sample CT-Mez-1, CT-Mez-2 & CT-Mez-3: 2'x4' Drop Ceiling Tile.



Photograph #19: Sample CT-Mez-4, CT-Mez-5 & CT-Mez-6: Textured Ceiling



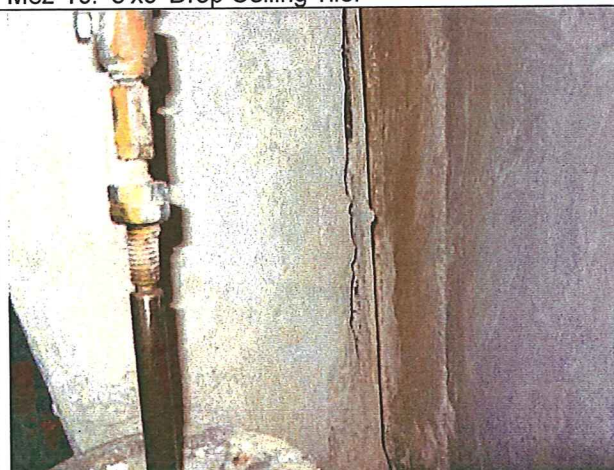
Photograph #20: Sample CT-Mez-7, CT-Mez-11, CT-Mez-12 & CT-Mez-13: 12" Floor Tile (white with brown streaks)



Photograph #21: Sample CT-Mez-8, CT-Mez-9 & CT-Mez-10: '3'x3' Drop Ceiling Tile.



Photograph #22: Sample CT-Mez-14, CT-Mez-15 & CT-Mez-16: 2'x4' Drop Ceiling Tile.



Photograph #23: Sample CT-Ground-1, CT-Ground-2 & CT-Ground-3: Boiler Flue Compound



Photograph #24: Sample CT-Ground-4, CT-Ground-5 & CT-Ground-6: 2'x2' Drop Ceiling Tile.

Appendix B
Laboratory Reports



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Client: Air Source Technology Inc.
160 Prosperous Pl. Ste. 201
Lexington, KY 40509

Report Number: 12-03-00631

Received Date: 03/06/2012
Analyzed Date: 03/08/2012
Reported Date: 03/08/2012

Project/Test Address: C7530; Commonwealth of KY (Capital Tower); Frankfort, KY PO
105937

Client Number:
18-4340

Fax Number:
859-299-0494

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-03-00631-001	CT-13b-1		White Fibrous	5% Chrysotile 15% Amosite	80% Non-Fibrous
Total Asbestos: 20%					
12-03-00631-002A	CT-24-1	Tile	White Vinyl	NAD	100% Non-Fibrous
12-03-00631-002B	CT-24-1	Mastic	Yellow Adhesive	NAD	2% Synthetic 98% Non-Fibrous
12-03-00631-003	CT-24-2		White Fibrous; Silver Foil-Like	NAD	1% Cellulose 85% Fibrous Glass 14% Non-Fibrous
12-03-00631-004	CT-24-3		White Fibrous	NAD	85% Fibrous Glass 15% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 18-4340
 Project/Test Address: C7530; Commonwealth of KY (Capital Tower); Frankfort, KY PO 105937

Report Number: 12-03-00631

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-03-00631-005	CT-24-4		White Fibrous; Silver Foil-Like	NAD	1% Cellulose 85% Fibrous Glass 14% Non-Fibrous
12-03-00631-006	CT-23-1		White/Gray Granular	NAD	100% Non-Fibrous
12-03-00631-007A	CT-15-1	Tile	Gray Vinyl	2% Chrysotile	98% Non-Fibrous
				Total Asbestos: 2%	
12-03-00631-007B	CT-15-1	Mastic	Black Adhesive	NAD	2% Cellulose 98% Non-Fibrous
12-03-00631-008A	CT-15-2	Tile		Did Not Analyze (Positive Stop)	
12-03-00631-008B	CT-15-2	Mastic	Black Adhesive	NAD	100% Non-Fibrous
12-03-00631-009A	CT-15-3	Tile		Did Not Analyze (Positive Stop)	
12-03-00631-009B	CT-15-3	Mastic	Black Adhesive	NAD	2% Cellulose 98% Non-Fibrous
12-03-00631-010A	CT-15-4	Mastic	Blue Adhesive	NAD	1% Cellulose 99% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 18-4340
 Project/Test Address: C7530; Commonwealth of KY (Capital Tower); Frankfort, KY PO 105937

Report Number: 12-03-00631

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-03-00631-010B	CT-15-4	Tile	White Vinyl	NAD	100% Non-Fibrous
12-03-00631-010C	CT-15-4	Mastic	Yellow Adhesive	NAD	2% Cellulose 98% Non-Fibrous
12-03-00631-011A	CT-1-1	Tile	Green Vinyl	NAD	100% Non-Fibrous
12-03-00631-011B	CT-1-1	Mastic	Yellow Adhesive	NAD	2% Synthetic 98% Non-Fibrous
12-03-00631-012A	CT-Lobby-1	Tile	White Vinyl	NAD	100% Non-Fibrous
12-03-00631-012B	CT-Lobby-1	Mastic	Yellow Adhesive	NAD	2% Cellulose 98% Non-Fibrous
12-03-00631-013	CT-Lobby-2		Gray/White Fibrous	NAD	55% Cellulose 35% Fibrous Glass 10% Non-Fibrous
12-03-00631-014	CT-Mez-1		Gray/White Fibrous	NAD	55% Cellulose 35% Fibrous Glass 10% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 18-4340
 Project/Test Address: C7530; Commonwealth of KY (Capital Tower); Frankfort, KY PO 105937

Report Number: 12-03-00631

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-03-00631-015	CT-Mez-2		Gray/White Fibrous	NAD	55% Cellulose 35% Fibrous Glass 10% Non-Fibrous
12-03-00631-016	CT-Mez-3		Gray/White Fibrous	NAD	55% Cellulose 35% Fibrous Glass 10% Non-Fibrous
12-03-00631-017	CT-Mez-4		White Textured Fibrous	Trace <1% Chrysotile	75% Cellulose 25% Non-Fibrous
				Total Asbestos: Trace <1%	
12-03-00631-018	CT-Mez-5		White Textured Fibrous	Trace <1% Chrysotile	65% Cellulose 35% Non-Fibrous
				Total Asbestos: Trace <1%	
12-03-00631-019	CT-Mez-6		White Textured Fibrous	Trace <1% Chrysotile	70% Cellulose 30% Non-Fibrous
				Total Asbestos: Trace <1%	
12-03-00631-020A	CT-Mez-7	Top Mastic	Yellow Adhesive	NAD	3% Cellulose 97% Non-Fibrous
12-03-00631-020B	CT-Mez-7	Tile	Tan Vinyl	2% Chrysotile	98% Non-Fibrous
				Total Asbestos: 2%	
12-03-00631-021	CT-Mez-8		Gray Fibrous	NAD	75% Fibrous Glass 25% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 18-4340
 Project/Test Address: C7530; Commonwealth of KY (Capital
 Tower); Frankfort, KY PO 105937

Report Number: 12-03-00631

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-03-00631-022	CT-Mez-9		Gray Fibrous	NAD	75% Fibrous Glass 25% Non-Fibrous
12-03-00631-023	CT-Mez-10		Gray Fibrous	NAD	75% Fibrous Glass 25% Non-Fibrous
12-03-00631-024A	CT-Mez-11	Tile	White Vinyl	2% Chrysotile	98% Non-Fibrous
				Total Asbestos: 2%	
12-03-00631-024B	CT-Mez-11	Mastic	Black Adhesive	2% Chrysotile	3% Cellulose 95% Non-Fibrous
				Total Asbestos: 2%	
12-03-00631-025A	CT-Mez-12	Tile		Did Not Analyze (Positive Stop)	
12-03-00631-025B	CT-Mez-12	Mastic		Did Not Analyze (Positive Stop)	
12-03-00631-026A	Ct-Mez-13	Tile		Did Not Analyze (Positive Stop)	
12-03-00631-026B	CT-Mez-13	Mastic		Did Not Analyze (Positive Stop)	
12-03-00631-027	CT-Mez-14		Beige Fibrous	NAD	85% Fibrous Glass 15% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 18-4340
 Project/Test Address: C7530; Commonwealth of KY (Capital Tower); Frankfort, KY PO 105937

Report Number: 12-03-00631

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-03-00631-028	CT-Mez-15		Beige Fibrous	NAD	85% Fibrous Glass 15% Non-Fibrous
12-03-00631-029	CT-Mez-16		Beige Fibrous	NAD	85% Fibrous Glass 15% Non-Fibrous
12-03-00631-030	CT-Ground-1		Gray Fibrous	NAD	35% Fibrous Glass 65% Non-Fibrous
12-03-00631-031	CT-Ground-2		Gray Fibrous	NAD	35% Fibrous Glass 65% Non-Fibrous
12-03-00631-032	CT-Ground-3		Gray Fibrous	NAD	35% Fibrous Glass 65% Non-Fibrous
12-03-00631-033	CT-Ground-4		White Fibrous; White Vinyl-Like	NAD	90% Fibrous Glass 10% Non-Fibrous
12-03-00631-034	CT-Ground-5		White Fibrous; White Vinyl-Like	NAD	90% Fibrous Glass 10% Non-Fibrous
12-03-00631-035	CT-Ground-6		White Fibrous; White Vinyl-Like	NAD	90% Fibrous Glass 10% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 18-4340
Project/Test Address: C7530; Commonwealth of KY (Capital
Tower); Frankfort, KY PO 105937

Report Number: 12-03-00631

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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QC Sample: 60-NY-35-3829
QC Blank: SRM 1866 Fiberglass
Reporting Limit: 1% Asbestos
Method: EPA Method 600/R-93/116
Analyst: Kathy Sizemore



Reviewed By Authorized Signatory: _____

Irma Faszewski
QA/QC Manager

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected



EHS
Laboratories

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

Company Name: Air Source Technology Inc.

Phone: (859)299-0046

Project Name/Testing Address: 17530; Camelot Court NE of Kf (Capitol Power)

Collected by: CHA

Address: 160 Prosperous Pl. Ste. 201,

Fax: 859-299-0494 E

E-mail: support@air-sources-technology.com

City/State (required)

Purchase Order Number: 105937

City/State/Zip: Lexington, KY 40509

Asset Number: 18-4340

Asset Name: Frank K. K. K.

12-03-00631



Due Date:
03/09/2012
(Friday)
AE
1/45

Turn Around Times:

1 - Day 2 - Day 3 - Day

If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.

Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			Volume (Total Liters)	COMMENTS
			PLM Print Count 400	PLM Print Count 1000	PLM NY Protocol	PCM	TEM Chilled (Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/min)	Total Time (minutes)	
1	CT-136-1	2/29/12	X										Free Air Evaluation
2	CT-24-1												12" Floor Tile (white)
3	CT-24-2												2x2 Drop Ceiling Tile
4	CT-24-3												Sample fill positive
5	CT-24-4												Sample fill positive
6	CT-23-1												Plaster Ceiling
7	CT-15-1												12" Floor Tile (grey) with Black Mark
8	CT-15-2												Sample fill positive
9	CT-15-3												Sample fill positive
10	CT-15-4												12" Floor Tile (white)

Released by: Chris Adkins

Received by: K. IYER

Signature: Chris Adkins

Signature: K. IYER

Date/Time: 3/1/12

Date/Time: 3/1/12



EHS Laboratories

Environmental Hazards Services, LLC
www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

Asbestos Chain-of-Custody

~ For Lab Use Only ~

Company Name: Air Source Technology Inc.

Phone: (859)299-0046

Fax: 859-299-0494 E

Address: 160 Prosperous Pl. Ste. 201

City/State/Zip: Lexington, KY 40509

Project Name/Testing Address: C7530; Commonwealth of KY (Capital Tower)

E-mail: support@air-sourcetechnology.com

Agst Number: 18-4340

City/State(required)

Frankfort, KY

Collected by: CHL

Certification Number:

105937

Purchase Order Number:

Turn Around Times :

✓ If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.

1 - Day

2 - Day

3 - Day

Same Day (Must Call Ahead)

Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			COMMENTS		
			PLM	PLM Point Count 400	PLM Point Count 1000	TM NV Protocol	TCM	TCM Certified (Bulk)	TCM AHERA (Air)	Time On	Time Off		Flow Rate (L/min)	Total Time (minutes)
1	CT-1-1	2/29/12	X											12" Floor Tile (Green)
2	CT-1-1-1													12" Floor Tile (Green)
3	CT-1-1-2													2x2 Drop Ceiling Tile
4	CT-Mez-1													2x4 Drop Ceiling Tile
5	CT-Mez-2													"
6	CT-Mez-3													"
7	CT-Mez-4													"
8	CT-Mez-5													Asbestos Ceiling
9	CT-Mez-6													"
10	CT-Mez-7													"
														12" Floor Tile (Green)

Released by: Chris Adkins Signature: [Signature] Date/Time: 3/1/12 3:10 PM

Received by: K W L E A Signature: [Signature]

Sample #1 positive
Sample #1-1 positive



EHS
Laboratories

Environmental Hazards Services, LLC
www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

Asbestos Chain-of-Custody

~ For Lab Use Only ~

Company Name: Air Source Technology Inc.

Phone: (859)299-0046

Address: 160 Prosperous Pl. Ste. 201,

Fax: 859-299-0494 E

E-mail: super@airsourcetechnology.com

City/State/Zip: Lexington, KY 40509

Project Name/Testing Address: C7530, Commonwealth of KY (Capitol Tower)

Acct. Number: 18-4340

City/State(required) Frankfort, KY

Collected by: CH A Certification Number: 105537

Purchase Order Number: 105537

Turn Around Times:

1 - Day 2 - Day 3 - Day Weekend (Must Call Ahead)

If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.

No.	Client Sample ID	Date Collected	ASBESTOS							AIR				COMMENTS
			PLM	PLM Print Count 400	PLM Print Count 1000	PLM NY Protocol	PCM	TEM Grinded (Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/min)	Total Time (minutes)	
1	CT-Mez-8	2/25/12	X											3x3 Deep Ceiling Tile
2	CT-Mez-9													"
3	CT-Mez-10													"
4	CT-Mez-11													"
5	CT-Mez-12													12" Floor Tile (white & grey) w/Black
6	CT-Mez-13													"
7	CT-Mez-14													"
8	CT-Mez-15													2x4 Deep Ceiling Tile
9	CT-Mez-16													"
10														"

Released by: Chris Adams	Signature: Chris Adams	Date/Time: 3/1/12
Received by: K Tyler	Signature: K Tyler	

Sample fill positive
Sample fill positive
Sample fill positive

Released by: Chris Collins

Signature: [Signature]

Received by: K Tyler

Signature: [Signature]

Date/Time: 3/1/12 2:11 PM



EHS Laboratories

Environmental Hazards Services, LLC
www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

Asbestos Chain-of-Custody

~ For Lab Use Only ~

Company Name: Air Source Technology Inc.

Phone: (859)299-0046

Project Name/Testing Address: 17530, Commonwealth of KY (Capitol Tower)

Collected by: ChA

Address: 160 Prosperous Pl. Ste. 201,

Fax: 859-299-0494 E

E-mail: support@air sourcetechnology.com

City/State (required) Frankfort KY

Certification Number: _____

Purchase Order Number: 105937

City/State/Zip: Lexington, KY 40509

Acct. Number: 18-4340

Turn Around Times:

1 - Day ☒ 2 - Day ☐ 3 - Day ☐

If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.

Same Day (Must Call Ahead)

Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			COMMENTS			
			PM	PM Point Count 400	PM Point Count 1000	PM N/ Protocol	PCM	TEM On Grid (Ballo)	TEM AHERA (Air)	Time On	Time Off		Flow Rate (L/min)	Tril Time (minutes)	Volume (Total Liters)
1	CT-Grand-1	2/29/12 X													Sample #1 positive
2	CT-Grand-2														
3	CT-Grand-3														
4	CT-Grand-4														Sample #2 still positive
5	CT-Grand-5														
6	CT-Grand-6														
7	CT-														
8	CT-														
9	CT-														
10	CT-														

Released by: Chris Jenkins

Received by: _____

Signature: Chris Jenkins

Signature: _____

K TYLEN

Date/Time: 3/1/12 11:11



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Client: Air Source Technology Inc.
160 Prosperous Pl. Ste. 201
Lexington, KY 40509

Report Number: 12-02-01410

Received Date: 02/10/2012
Analyzed Date: 02/10/2012
Reported Date: 02/10/2012

Project/Test Address: C7530, Comm of KY: Capital Tower; Frankfort, KY

Client Number:
18-4340

Fax Number:
859-299-0494

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-02-01410-001	CT-1		White Powdery; Fibrous	8% Chrysotile 12% Amosite	5% Fibrous Glass 75% Non-Fibrous
Total Asbestos:				20%	
12-02-01410-002A	CT-2	Tile	White/Gray Vinyl	2% Chrysotile	98% Non-Fibrous
Total Asbestos:				2%	
12-02-01410-002B	CT-2	Mastic	Black Adhesive	5% Chrysotile	95% Non-Fibrous
Total Asbestos:				5%	
12-02-01410-003	CT-3		Off-White Fibrous; Silver Foil	NAD	5% Cellulose 75% Fibrous Glass 20% Non-Fibrous
12-02-01410-004	CT-4		Gray/White Cementitious	NAD	100% Non-Fibrous
12-02-01410-005	CT-5		White Powdery; Fibrous	8% Chrysotile 2% Amosite	15% Fibrous Glass 75% Non-Fibrous
Total Asbestos:				10%	

Environmental Hazards Services, L.L.C

Client Number: 18-4340
 Project/Test Address: C7530, Comm of KY: Capital Tower;
 Frankfort, KY

Report Number: 12-02-01410

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
12-02-01410-006	CT-6		Light Gray Powdery; Fibrous	NAD	5% Cellulose 25% Fibrous Glass 70% Non-Fibrous
12-02-01410-007A	CT-7	Tile	White/Gray Vinyl	4% Chrysotile	96% Non-Fibrous
Total Asbestos: 4%					
12-02-01410-007B	CT-7	Mastic	Black Adhesive	3% Chrysotile	97% Non-Fibrous
Total Asbestos: 3%					
12-02-01410-008	CT-8		White/Tan Fibrous; Silver Foil	NAD	15% Cellulose 65% Fibrous Glass 20% Non-Fibrous
12-02-01410-009	CT-9		Light Gray Cementitious; Granular	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 18-4340
Project/Test Address: C7530, Comm of KY: Capital Tower;
Frankfort, KY

Report Number: 12-02-01410

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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QC Sample: 7-M1-1991-3
QC Blank: SRM 1866 Fiberglass
Reporting Limit: 1% Asbestos
Method: EPA Method 600/R-93/116
Analyst: Katherine Charles Harris

Reviewed By Authorized Signatory:



Tasha Eaddy
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected



EHS Laboratories

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

Asbestos Chain-of-Custody

12-02-01410



Due Date:
02/10/2012
(Friday)
AE

YH

Company Name: Air Source Technology Inc.

Phone: (859)299-0046

Project Name/Testing Address: C7530, Court of KY Capital Tower

Collected by: MSA

Address: 160 Prosperous Pl. Ste. 201,

Fax: 859-299-0494 E

E-mail: expert@air-sourcetechnology.com

City/State(required) Frankfort, KY

Purchase Order Number: 105917

City/State/Zip: Lexington, KY 40509

Acct. Number: 18-4340

If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.

Turn Around Times:

1 - Day 2 - Day 3 - Day

Same Day (Must Call Ahead)

Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			Volume (Total Liters)	COMMENTS	
			PCM	PLM Total Count 400	PLM Total Count 1000	PLM Nv Protocol	PCM	TEM Certified (Bulk)	TEM AHERA (Air)	Time On	Time Off			Flow Rate (L/min)
1	CF-1	2/7/12	X											Pipe Insulation
2	CF-2													12" Flat Pipe w/ Black Wrinkle
3	CF-3													2x2 DCT
4	CF-4													Ceiling Plaster
5	CF-5													Pipe Joint
6	CF-6													Pipe Joint
7	CF-7													Pipe Joint
8	CF-8													12" Flat Pipe w/ Black Wrinkle
9	CF-9													2x2 DCT
10														Ceiling Plaster
Released by: <u>Chris Ellis</u>			Signature: <u>Chris Ellis</u>											Date/Time: <u>2/8/12 9am</u>
Received by: <u>mswiler</u>			Signature: <u>mswiler</u>											Date/Time: <u>2/11/12</u>



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos 400 Point Count Analysis Report

Client: Air Source Technology Inc.
160 Prosperous Pl. Ste. 201
Lexington, KY 40509

Report Number: 12-03-01453
Received Date: 03/01/2012
Analyzed Date: 03/13/2012
Reported Date: 03/13/2012

Project/Test Address: C7530; Commonwealth of KY (Capital Tower); Frankfort,
KY PO 105937; EHS# 12-03-00631

Client Number:
18-4340

Fax Number:
859-299-0494

Laboratory Results

Lab Sample Number	Client Sample Number	Lab Gross Description	% Asbestos	Narrative ID
12-03-01453-001	CT-15-1 Tile	Gray Vinyl	0.75 % Chrysotile	
12-03-01453-002	CT-MEZ-4	White Textured, Fibrous	0.50 % Chrysotile	
12-03-01453-003	CT-MEZ-5	White Textured, Fibrous	0.25 % Chrysotile	
12-03-01453-004	CT-MEZ-6	White Textured, Fibrous	0.50 % Chrysotile	
12-03-01453-005	CT-MEZ-7 Tile	Tan Vinyl	1.00 % Chrysotile	
12-03-01453-006	CT-MEZ-11 Tile	White Vinyl	0.75 % Chrysotile	
12-03-01453-007	CT-MEZ-11 Mastic	Black Adhesive	1.25 % Chrysotile	

Environmental Hazards Services, L.L.C

Client Number: 18-4340
Project/Test Address: C7530; Commonwealth of KY (Capital Tower);
Frankfort, KY PO 105937; EHS# 12-03-00631

Report Number: 12-03-01453

Lab Sample Number	Client Sample Number	Lab Gross Description	% Asbestos	Narrative ID
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Reporting Limit: 0.25 % Asbestos

Method: EPA Method 600/R-93/116

Analyst: Kathy Sizemore



Reviewed By Authorized Signatory: _____

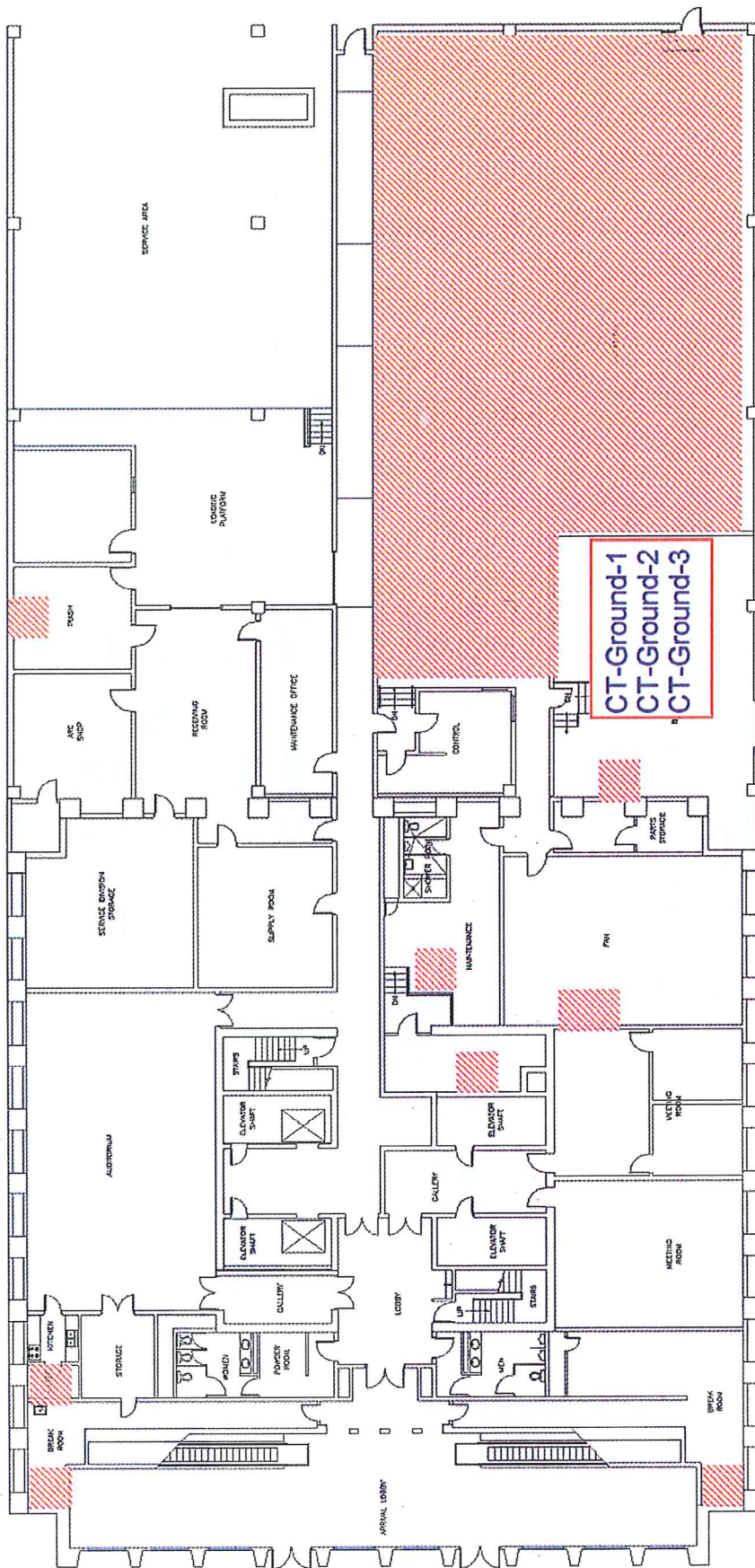
Irma Faszewski
QA/QC Manager

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714.

LEGEND NAD = No Asbestos Detected

Appendix C

Sample Locations



GROUND FLOOR

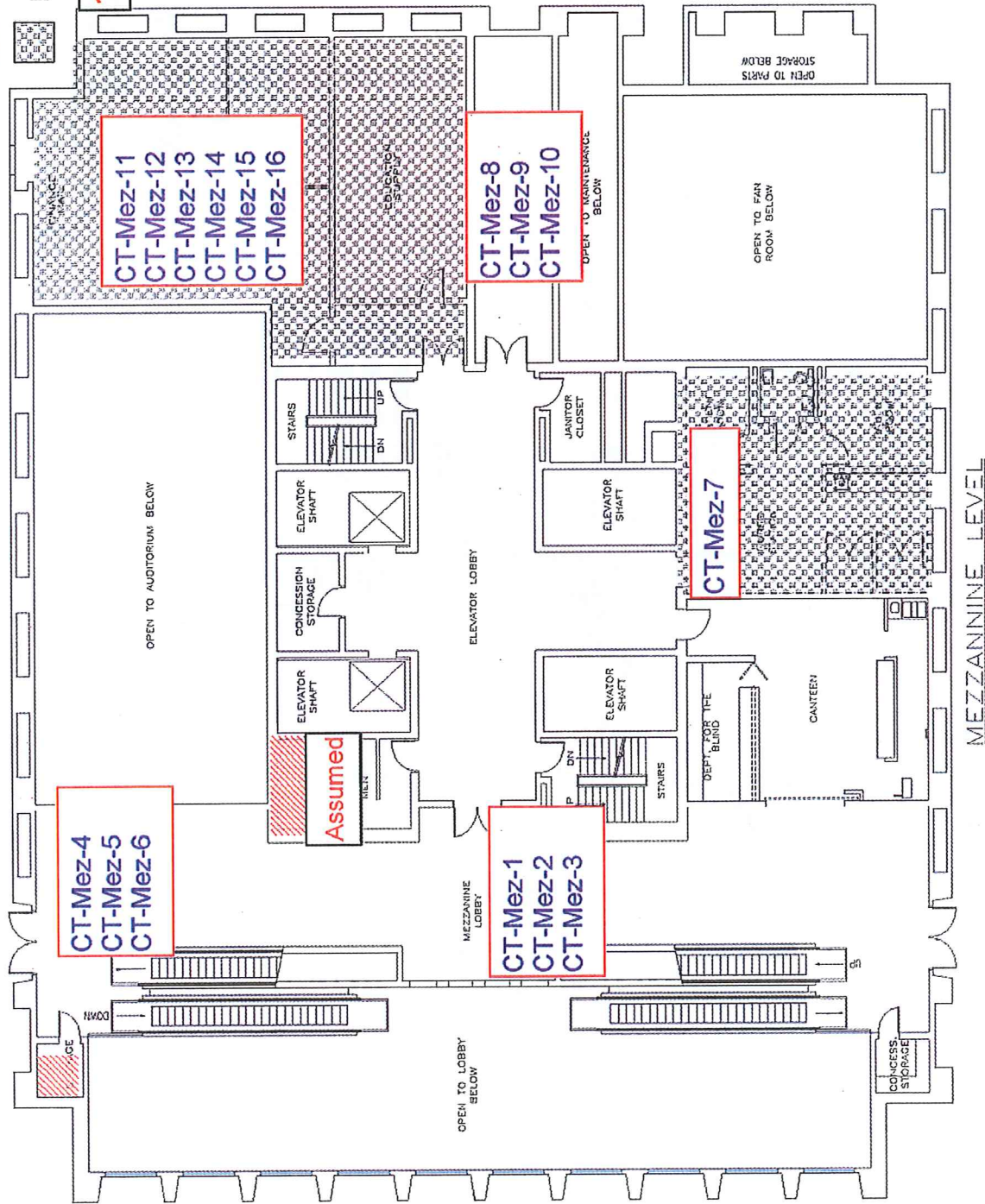
 Pipe Insulation/Joint Compound
 **XX** Sample Locations
 **137** Pipe Joints/Linear Feet of Insulation

Pipe Insulation/Joint Compound

Floor Tile and Mastic

Pipe Joints/Linear Feet of Insulation

151



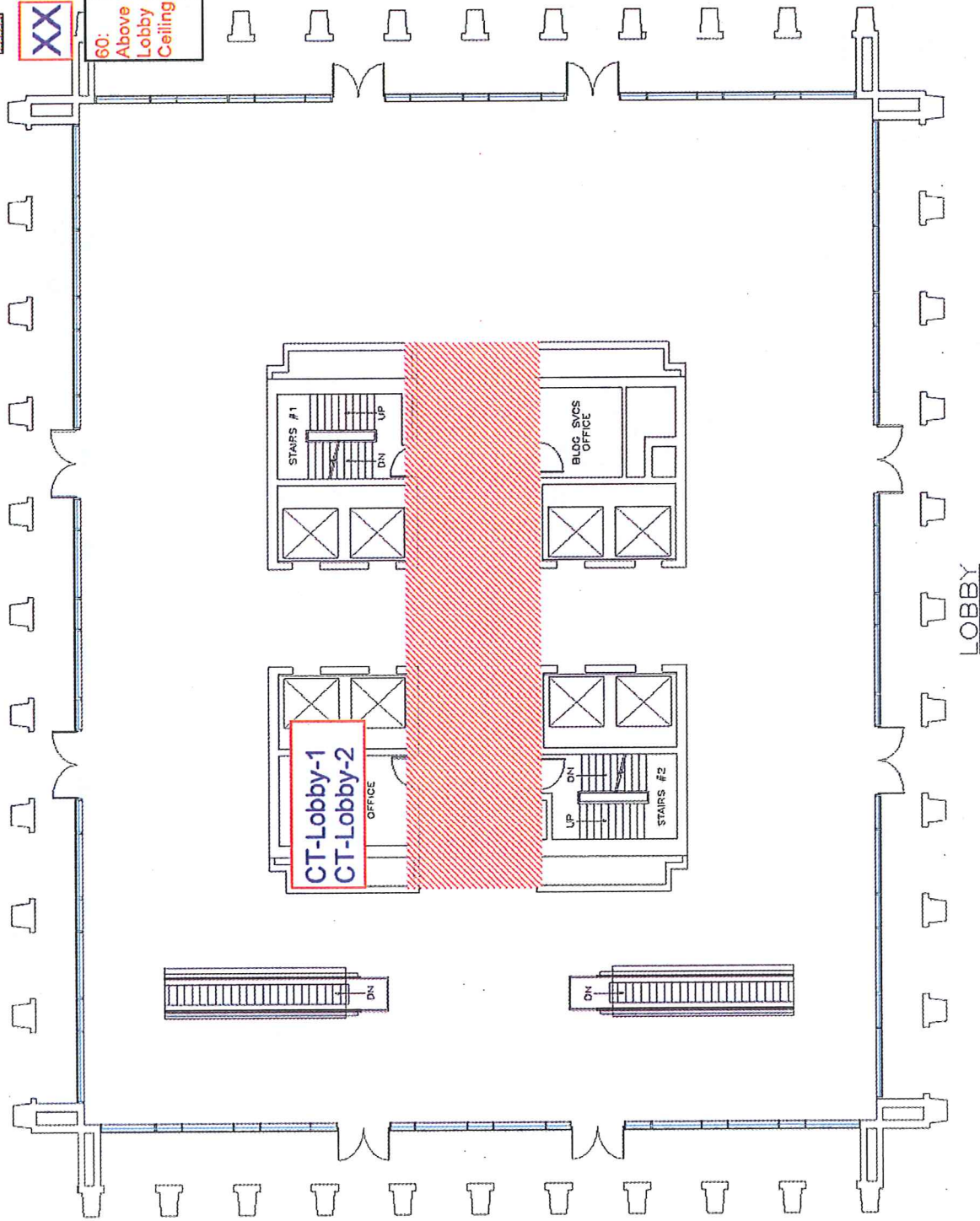
Pipe Insulation/Joint Compound

Sample Locations

Pipe Joints/Linear Feet of Insulation

XX

60: Above Lobby Ceiling



Pipe Insulation/Joint Compound

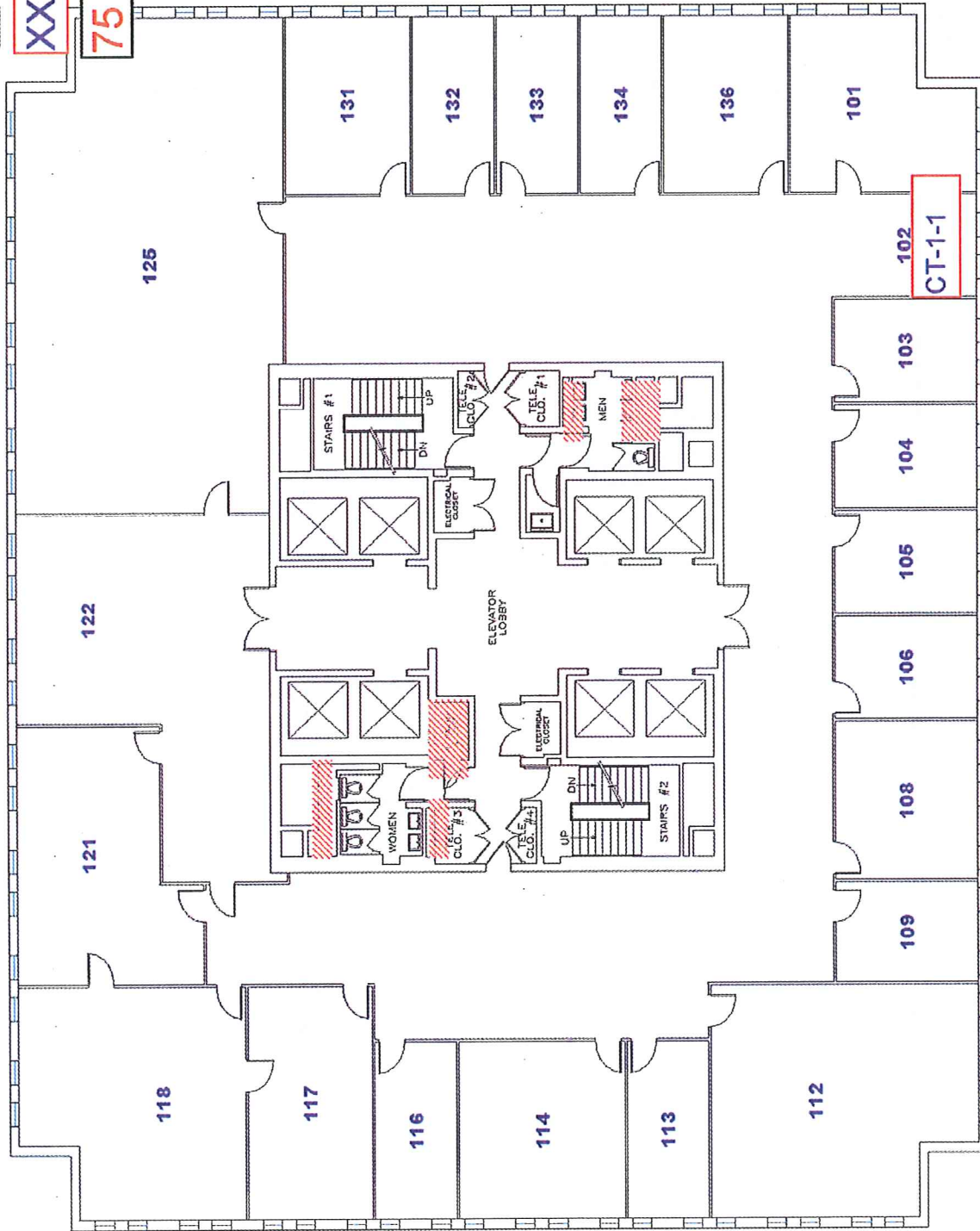
Sample Locations

Pipe Joints/Linear Feet of Insulation



XX

75

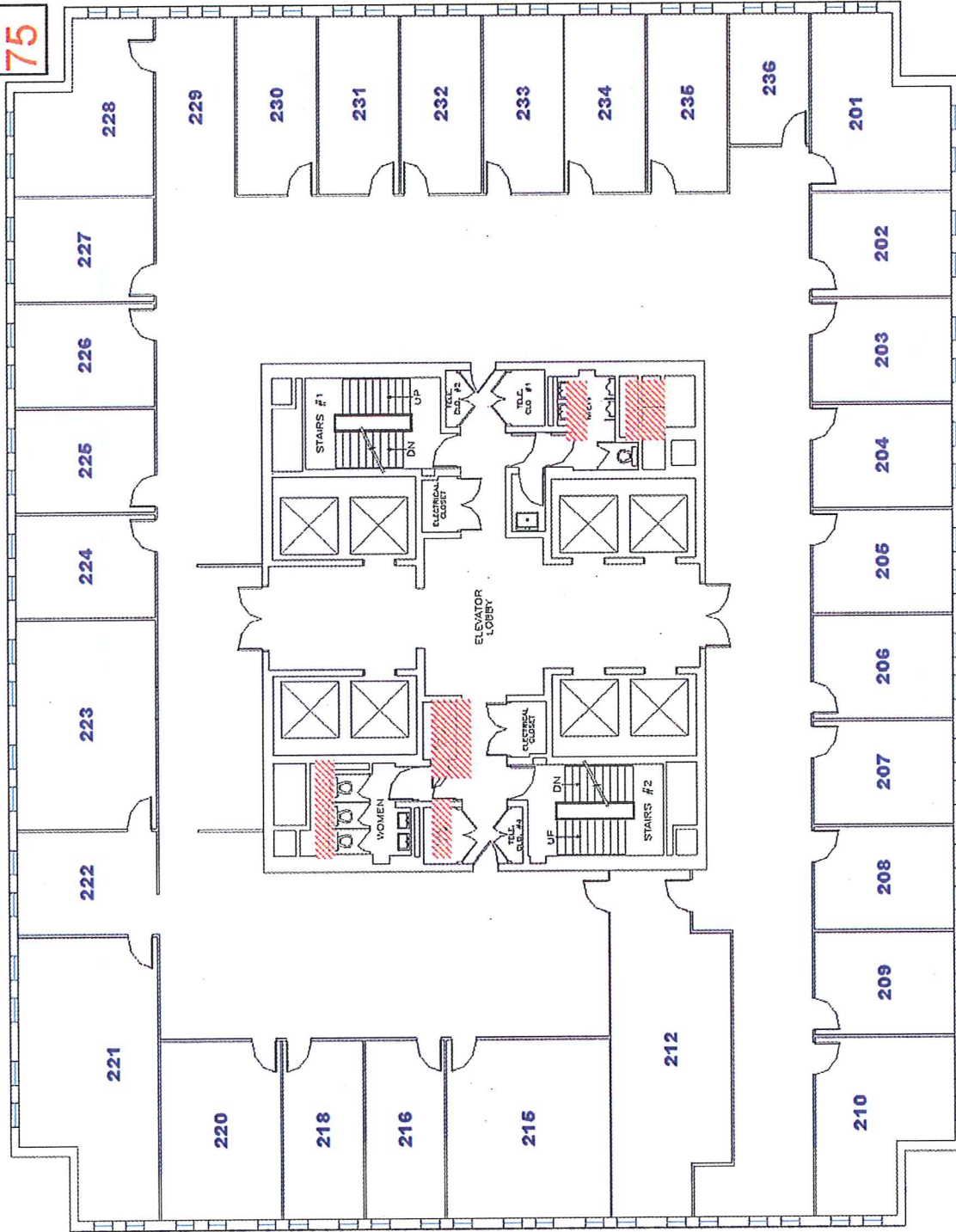


1st FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of Insulation

75

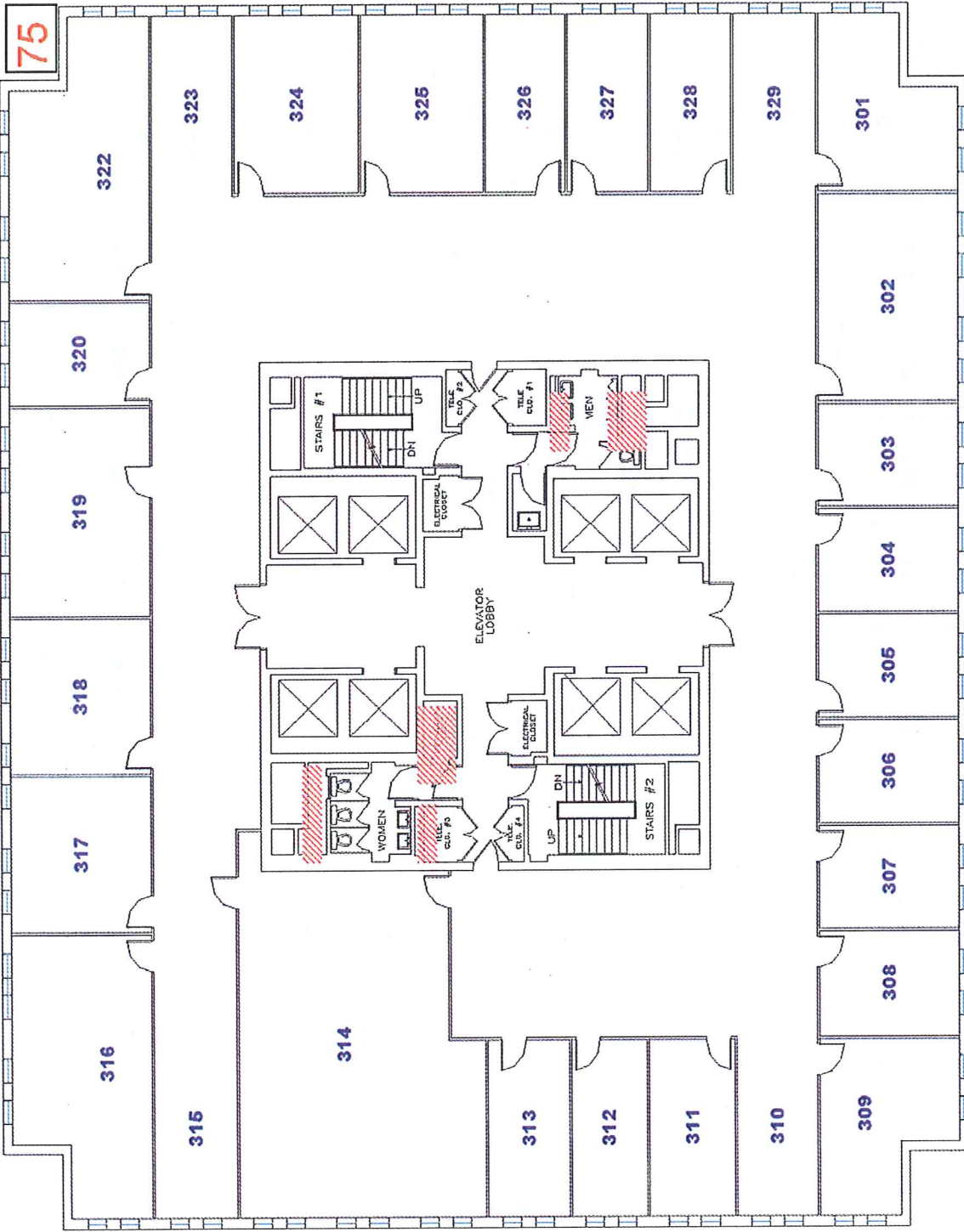


2nd FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of
Insulation

75



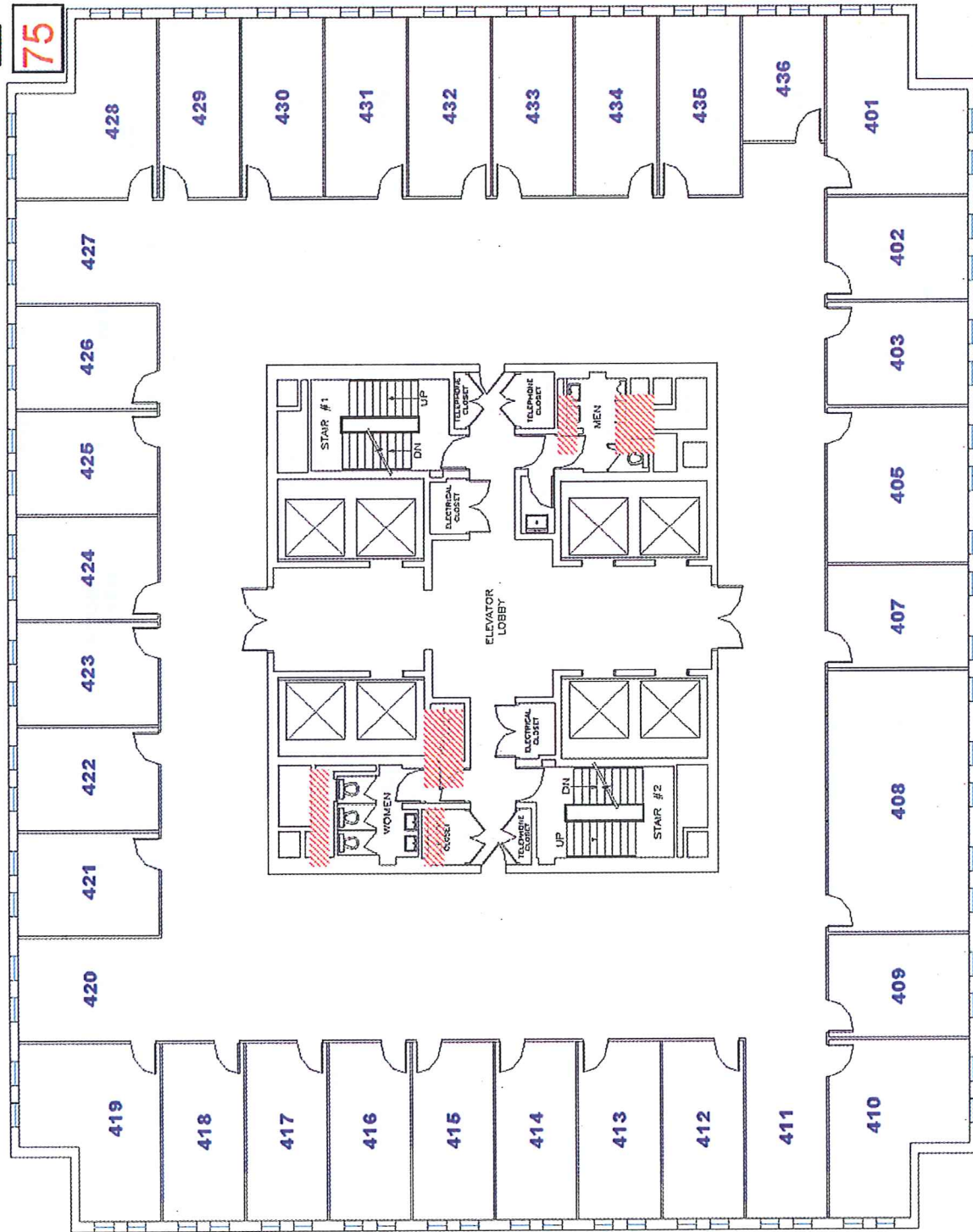
3rd FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of
Insulation



75



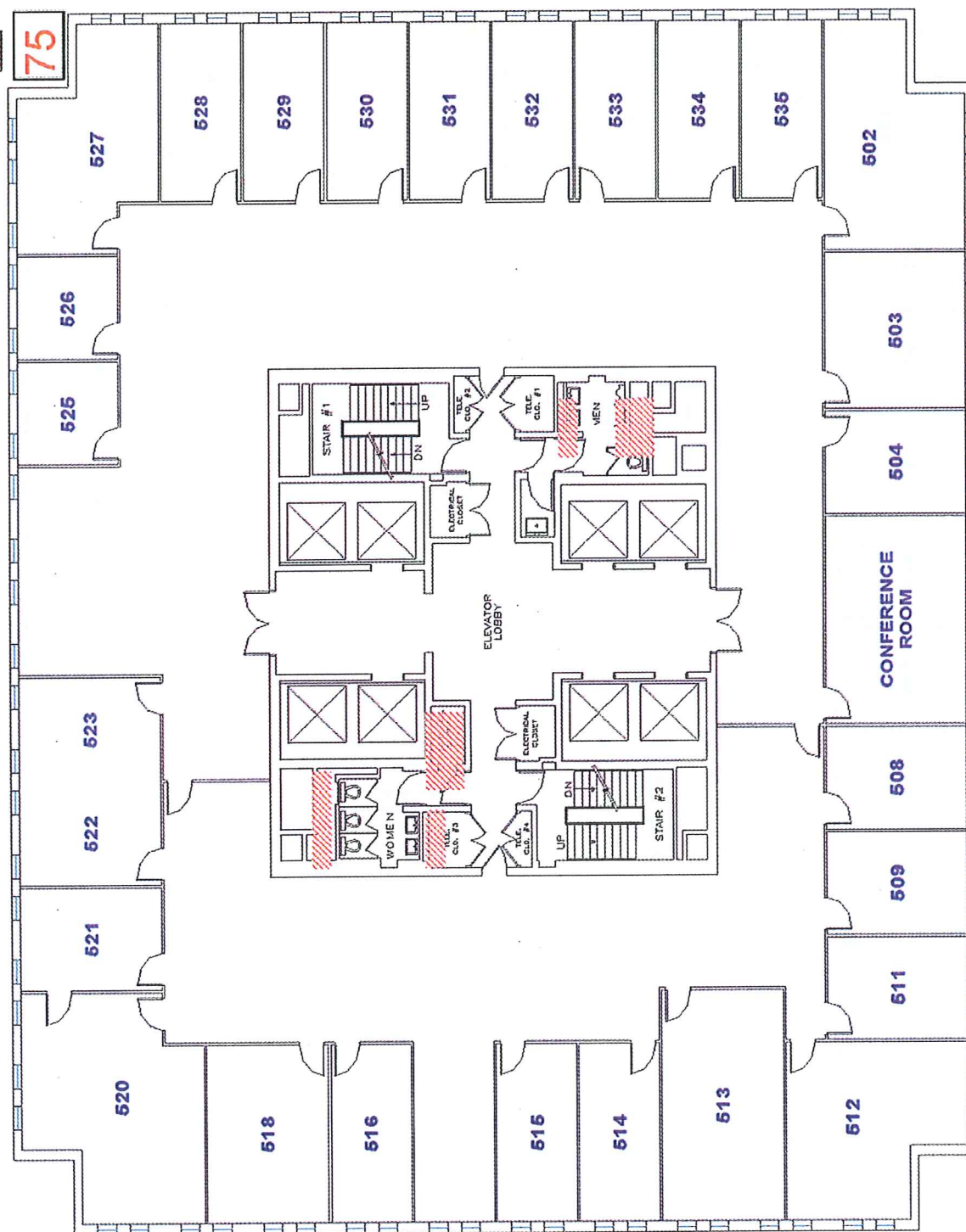
4th FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of
Insulation



75



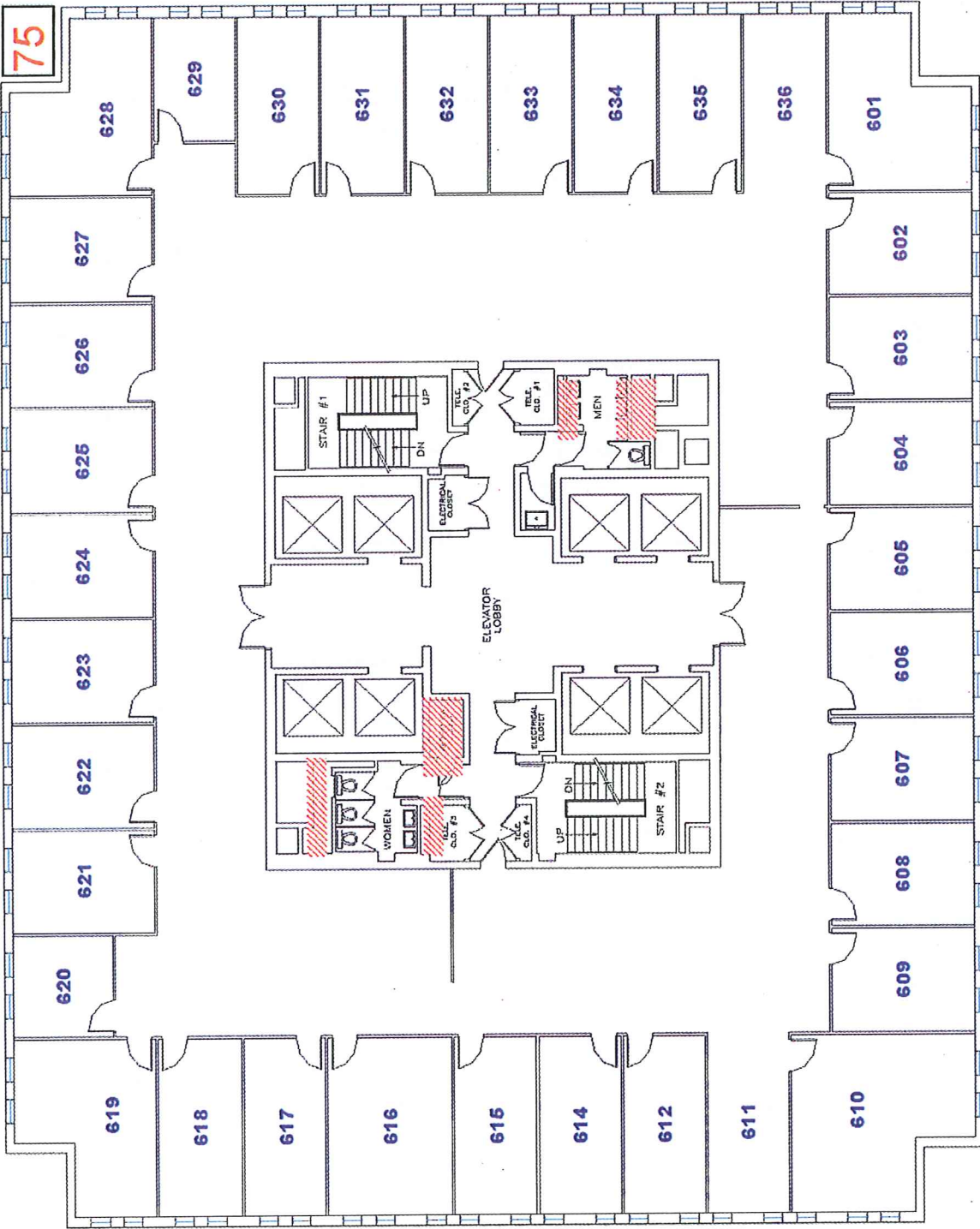
5th FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of Insulation



75



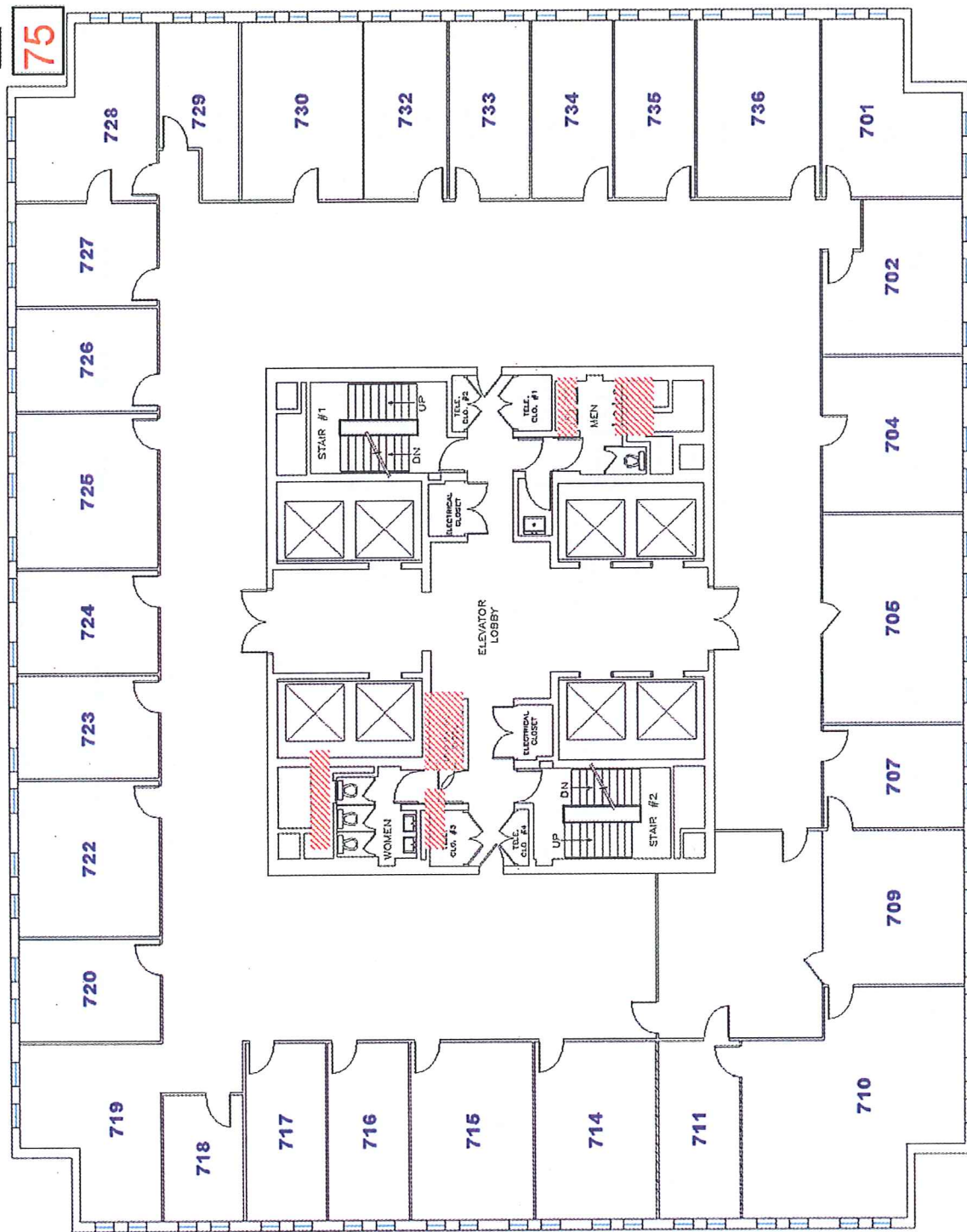
6th FLOOR

Pipe Insulation/Joint Compound



Pipe Joints/Linear Feet of
Insulation

75



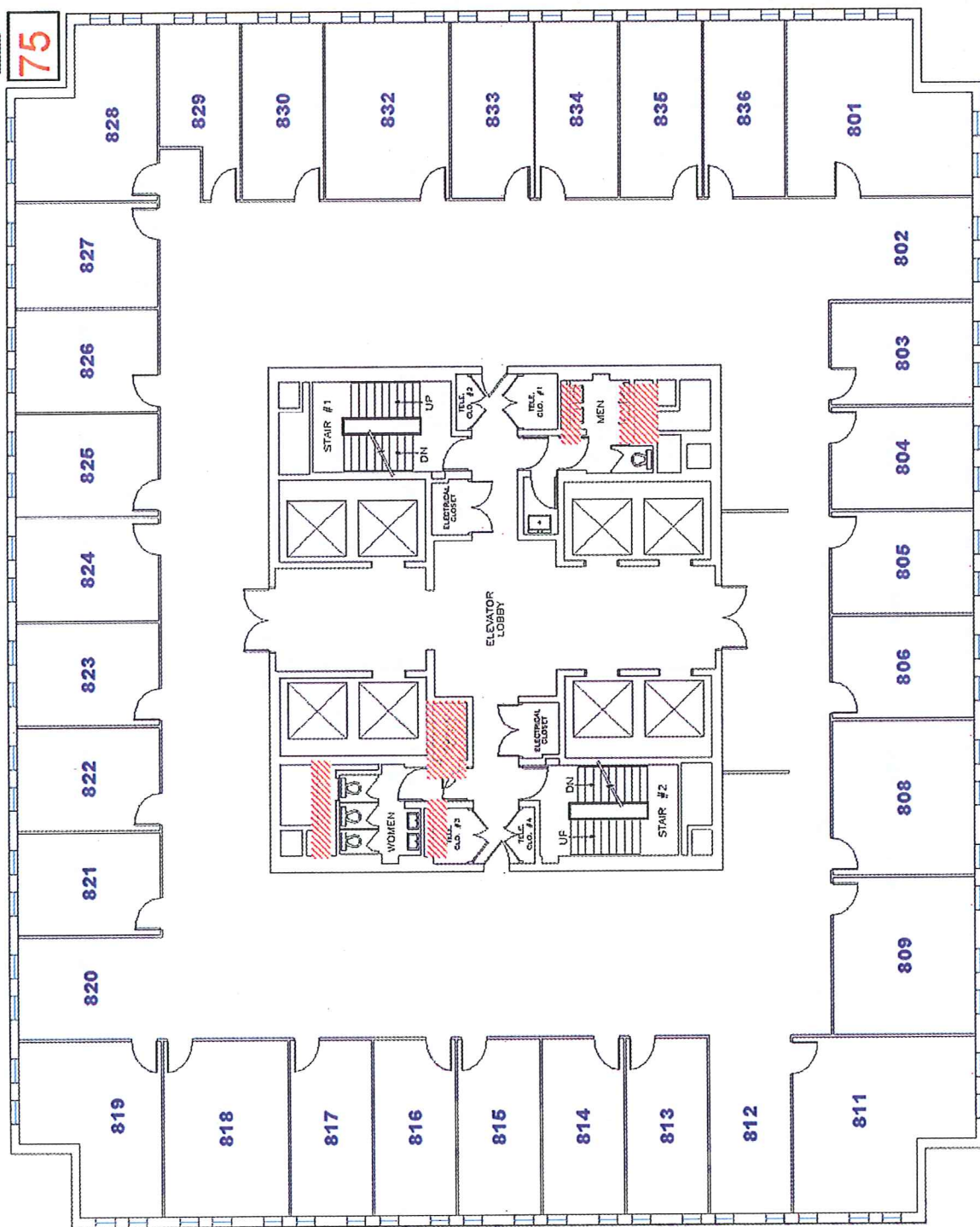
7th FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of
Insulation



75



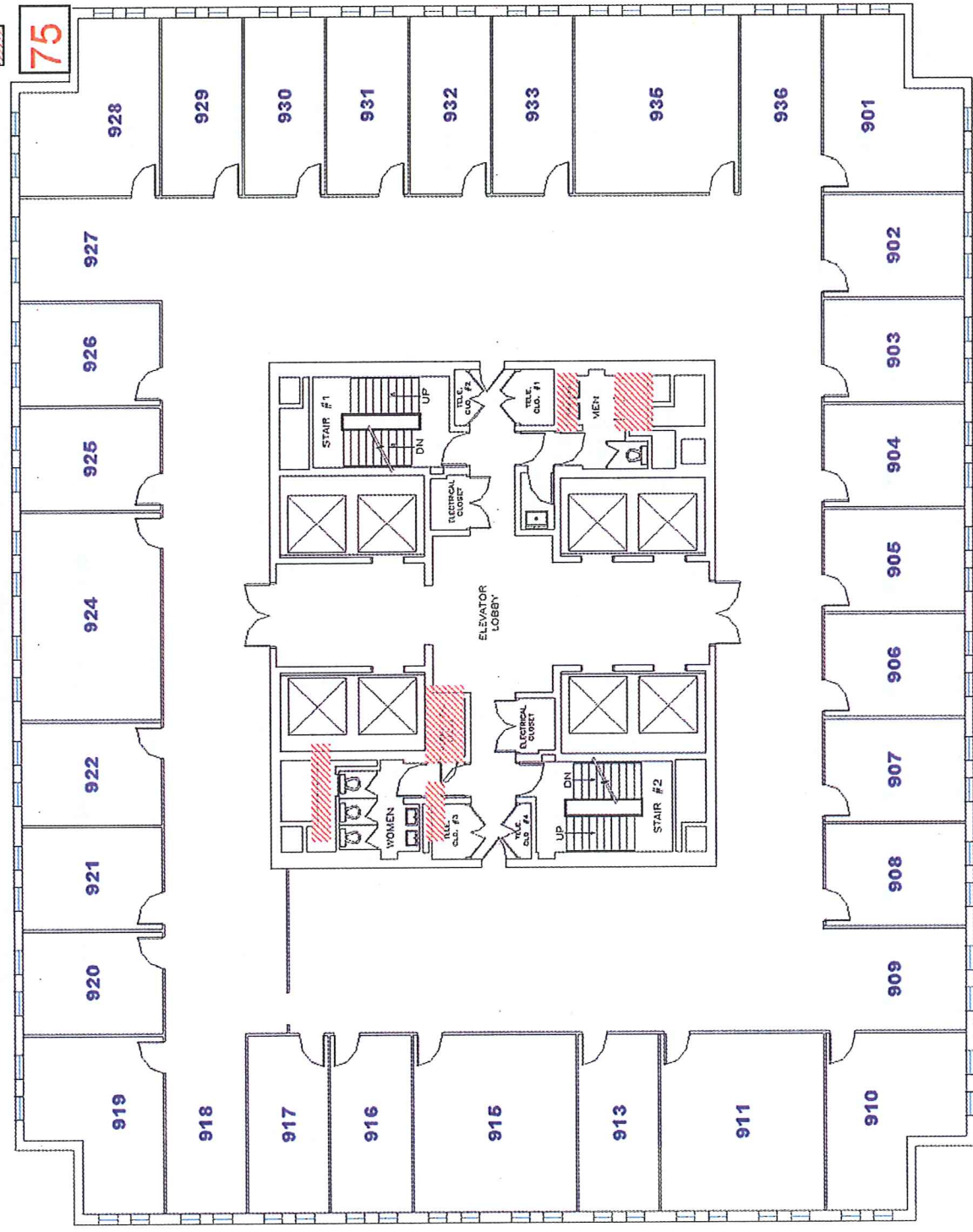
8th FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of Insulation

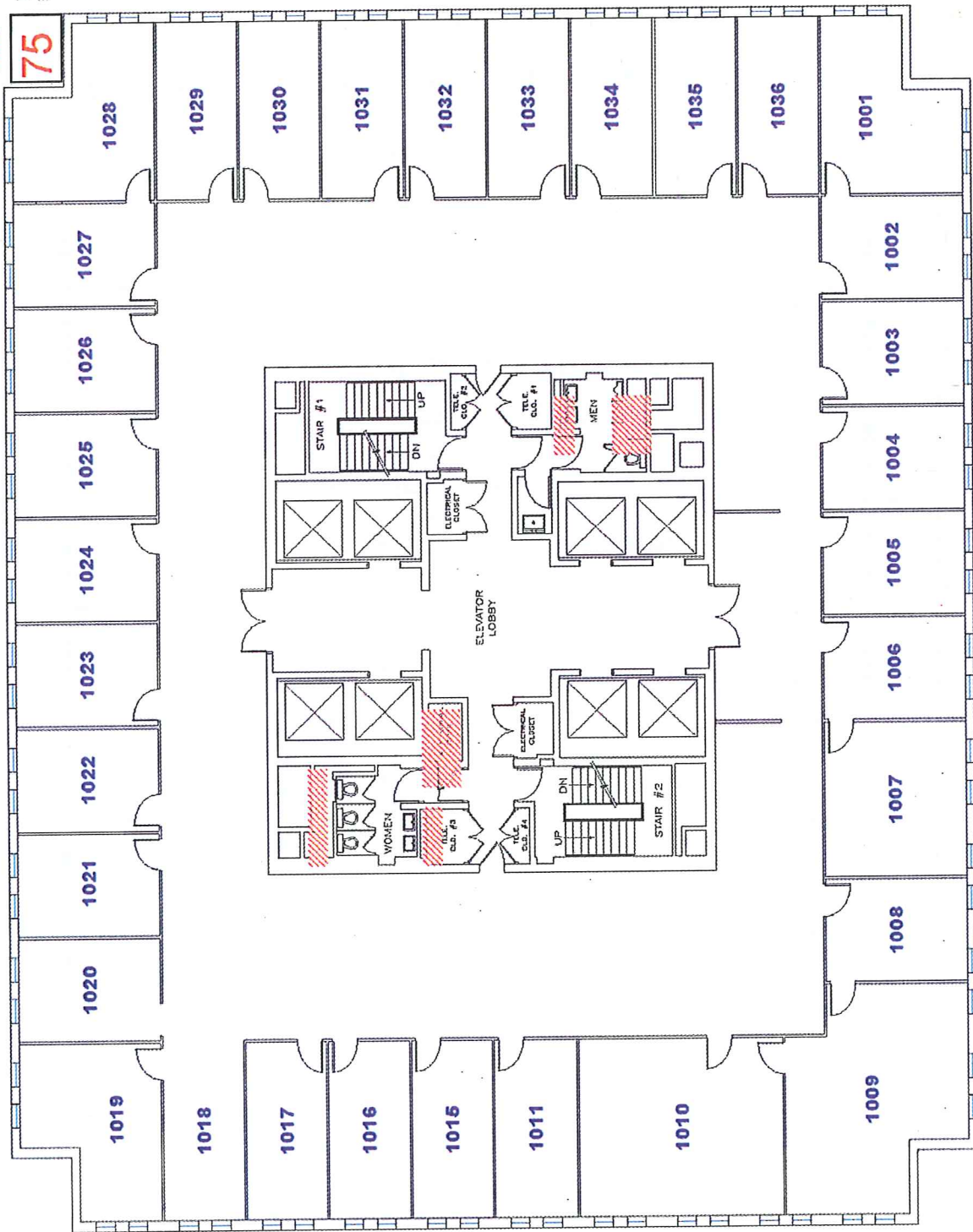


75



9th FLOOR

Pipe Insulation/Joint Compound
75
Pipe Joints/Linear Feet of
Insulation

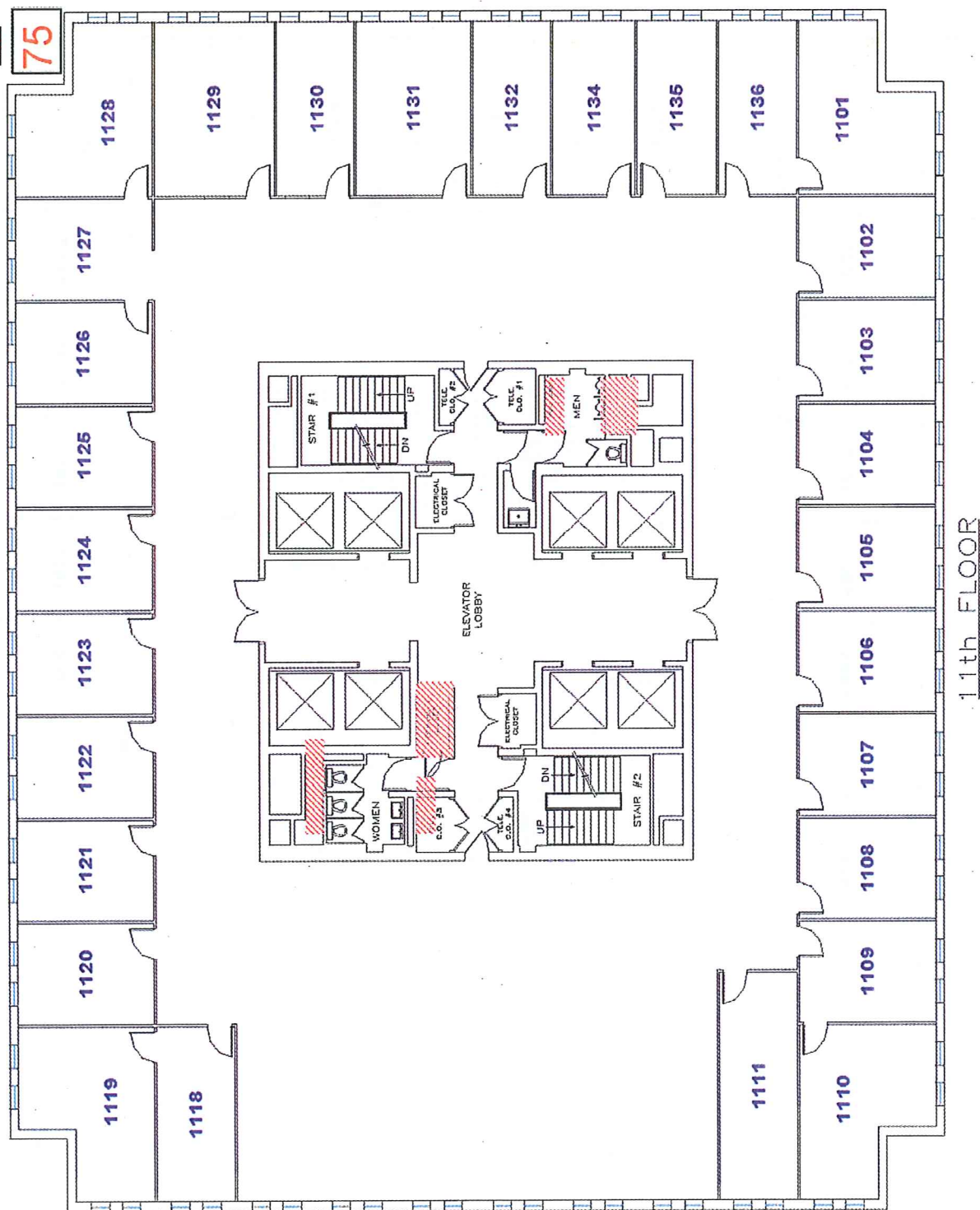


10th FLOOR



Pipe Joints/Linear Feet of Insulation

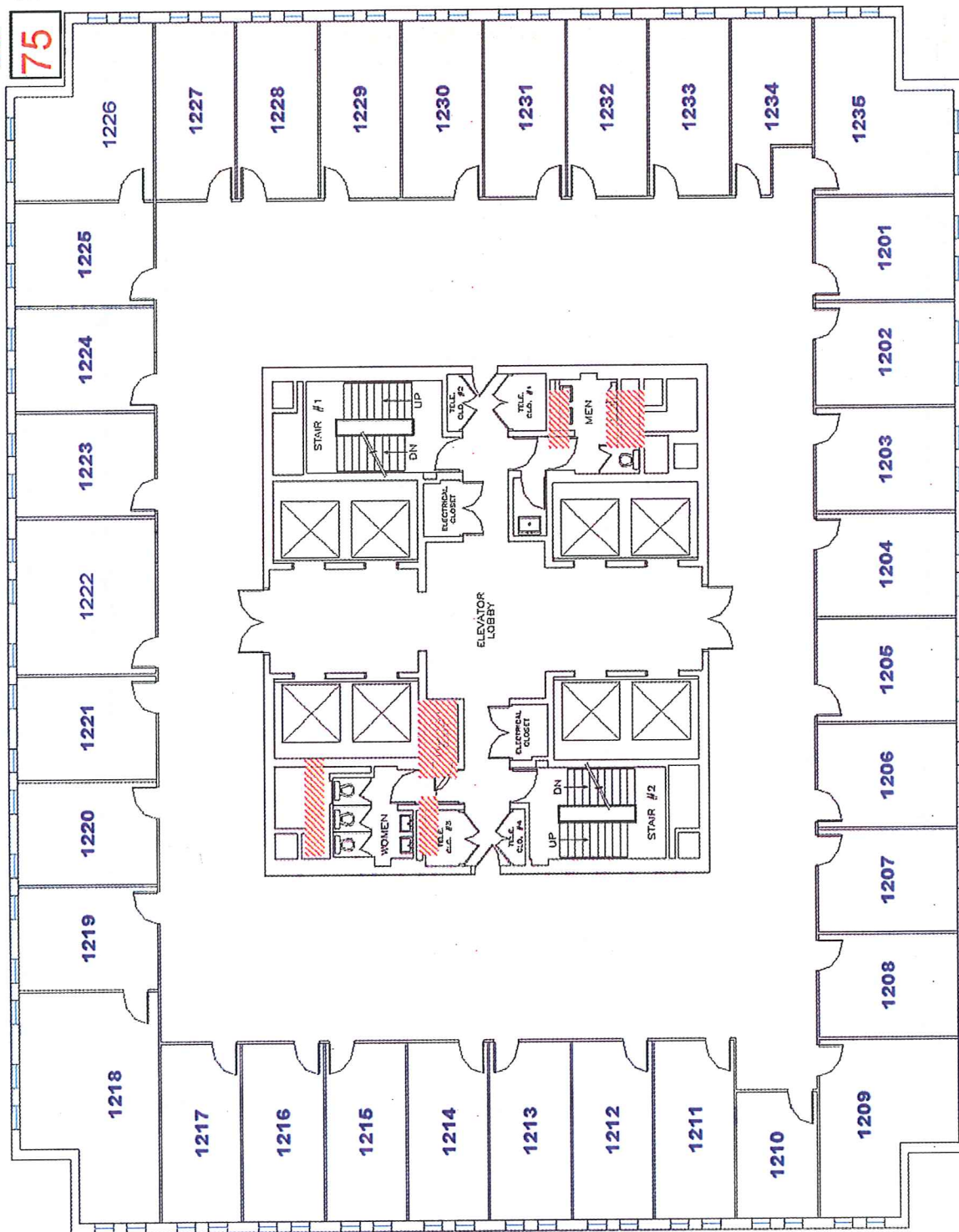
52



Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of
Insulation

75



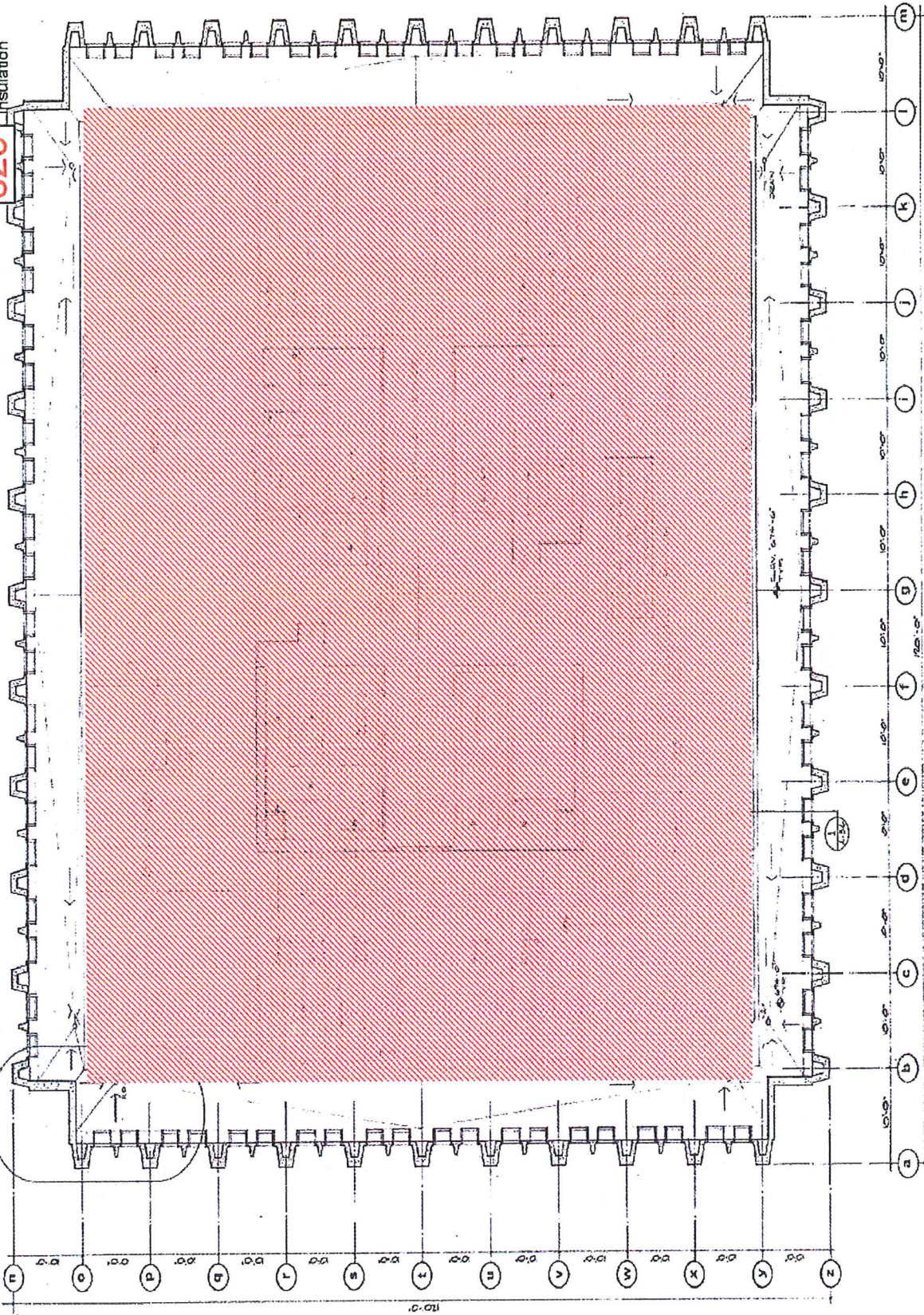
12th FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of Insulation

825

10'-0"

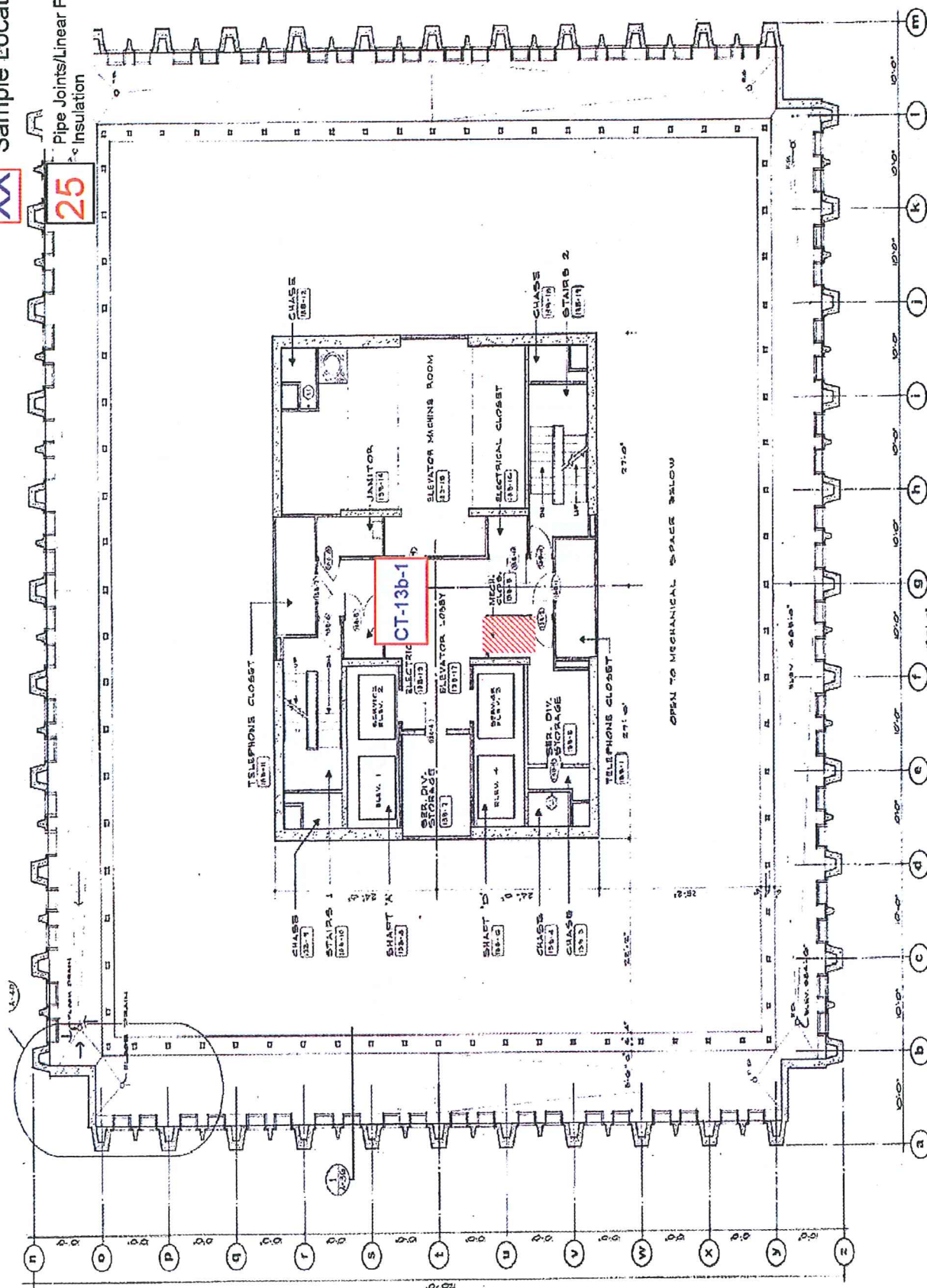


PLAN 13-A FLOOR SECTOR C-2 1/8" = 1'-0"



• Pipe Joints/Linear Feet of Insulation

25



PLAN 13-B FLOOR SECTOR C-2

Sample Locations



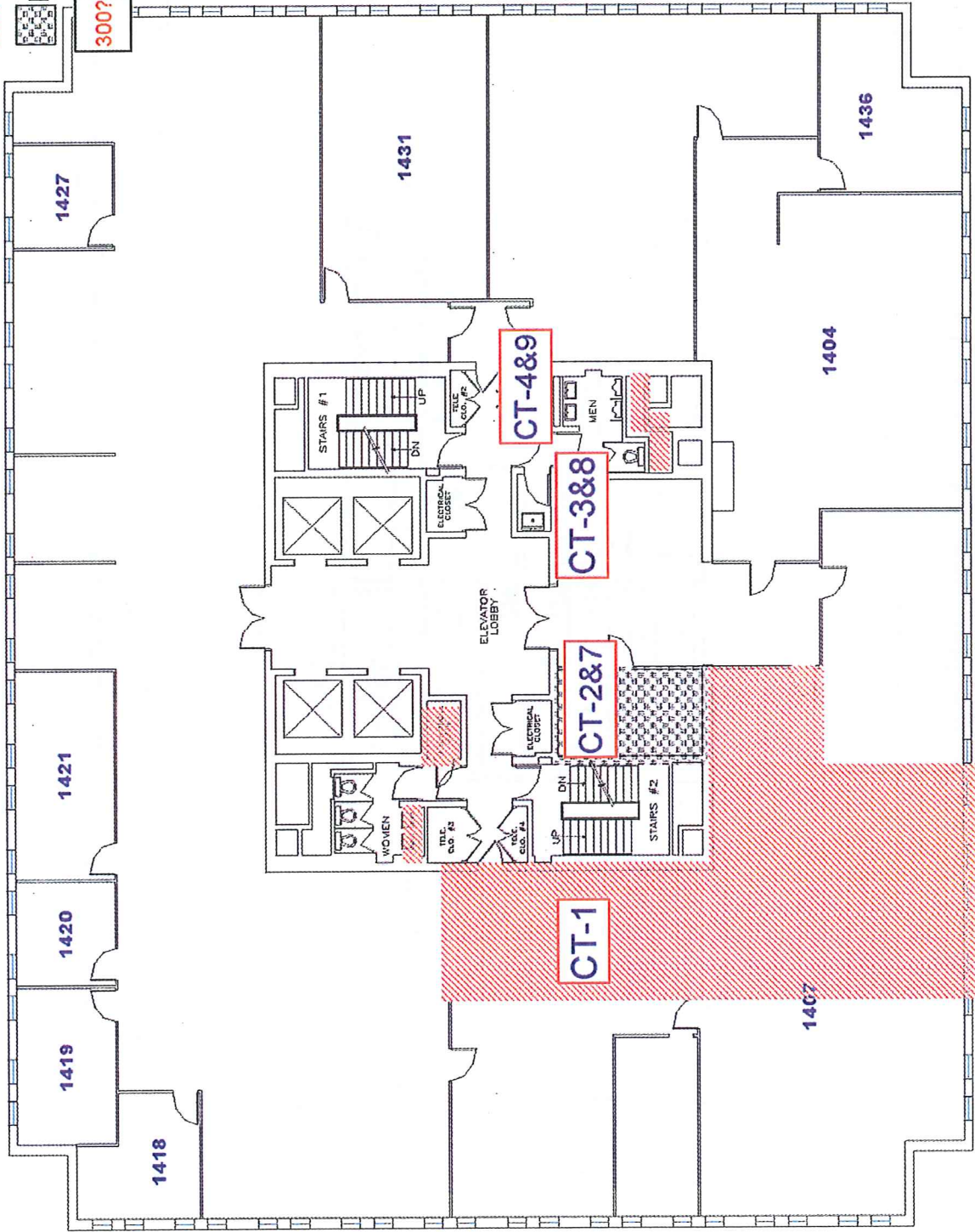
Pipe Insulation/Joint Compound



Floor Tile and Mastic



Pipe Joints/Linear Feet of Insulation



14th FLOOR

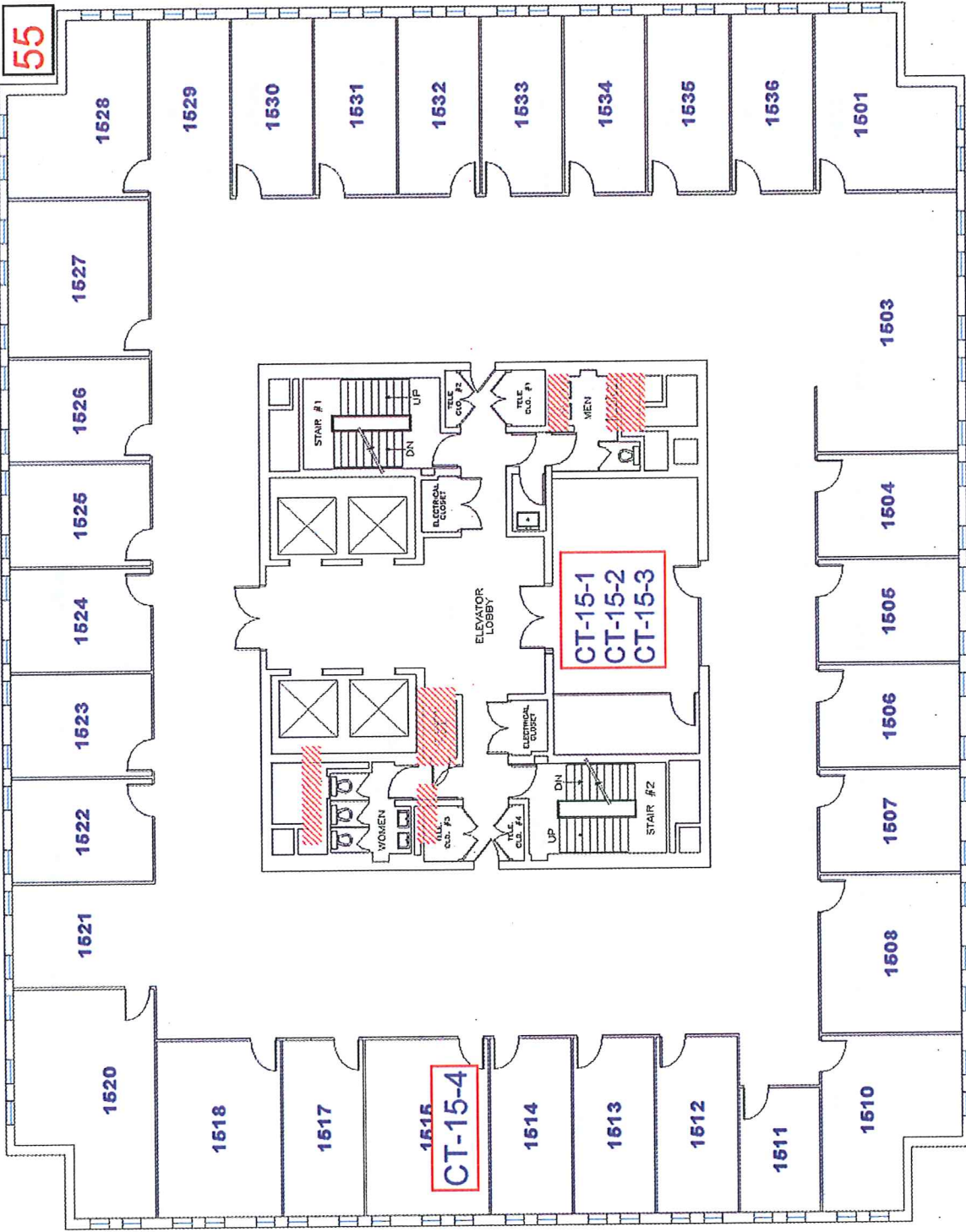
Sample Locations



Pipe Insulation/Joint Compound



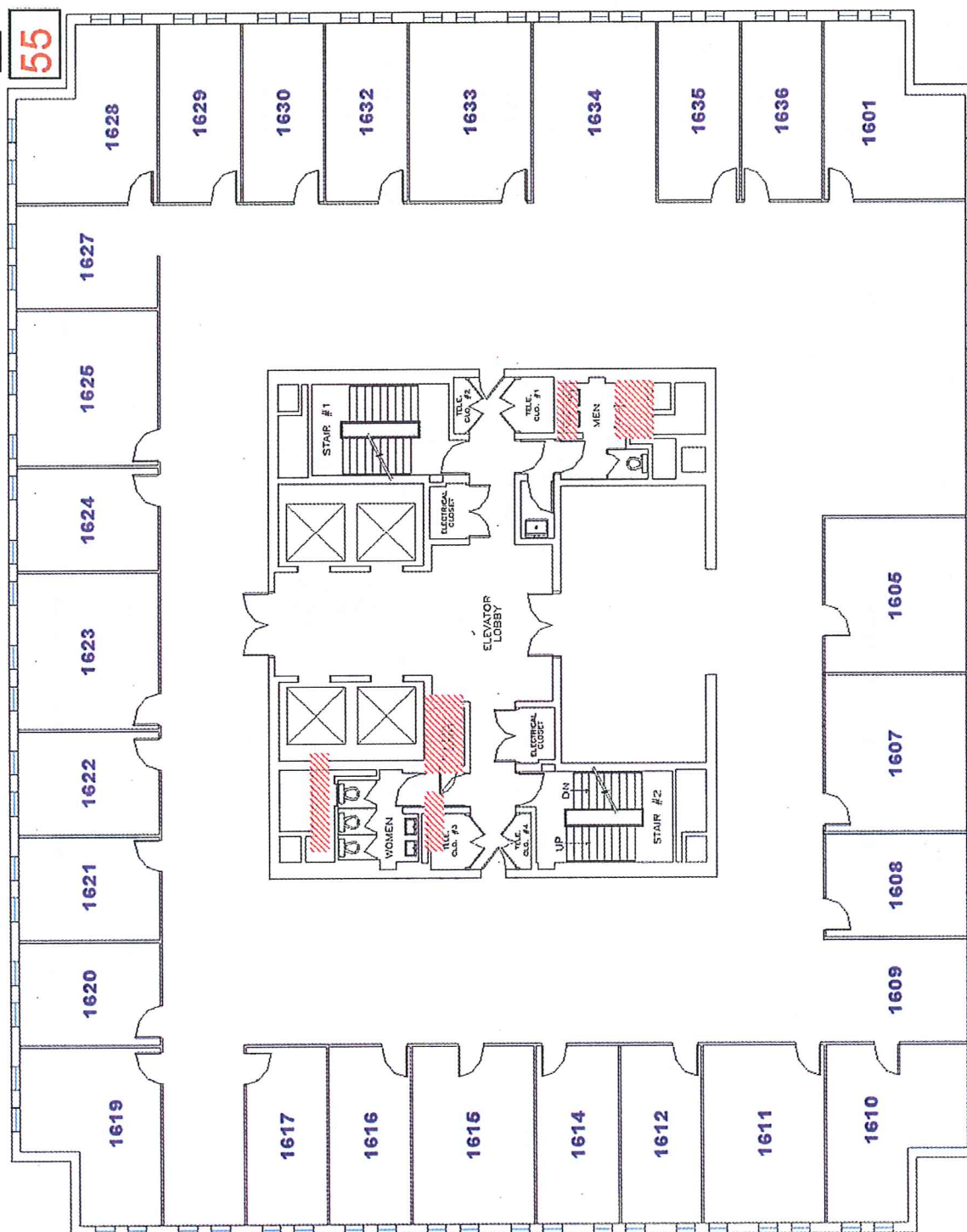
Pipe Joints/Linear Feet of Insulation



15th FLOOR

Pipe Joints/Linear Feet of Insulation

ॐ ॐ

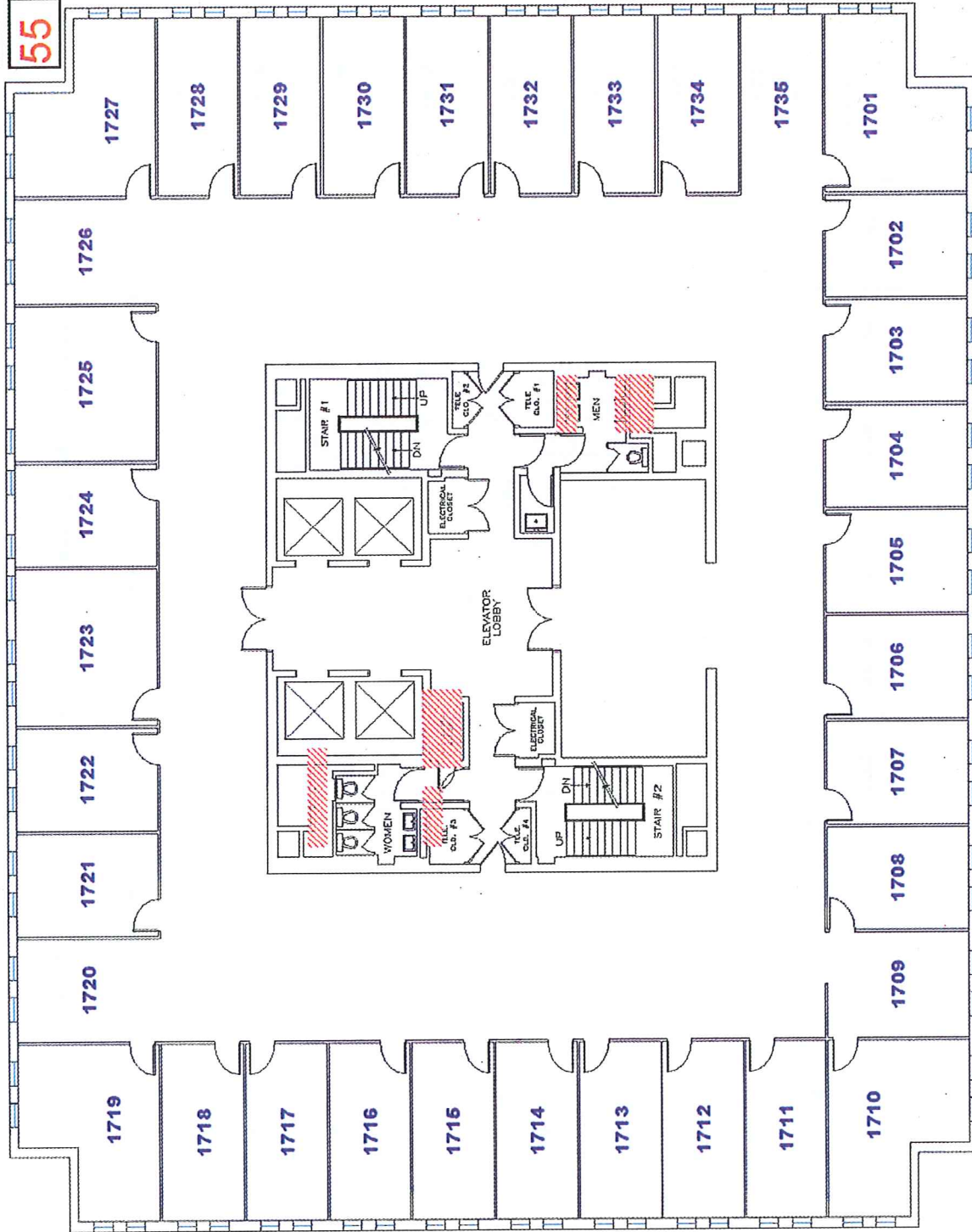


16th FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of
Insulation

55

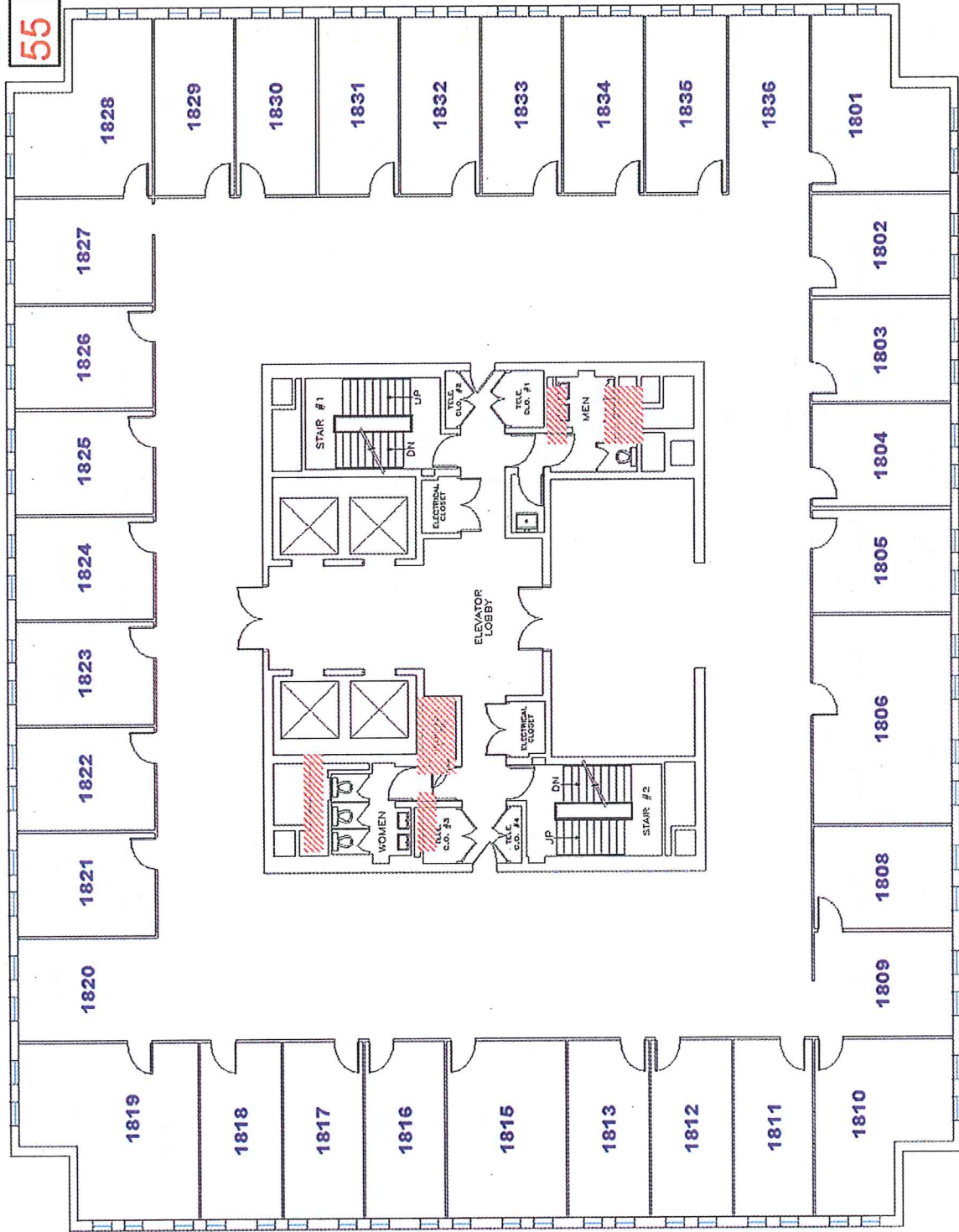


17th FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of
Insulation

55

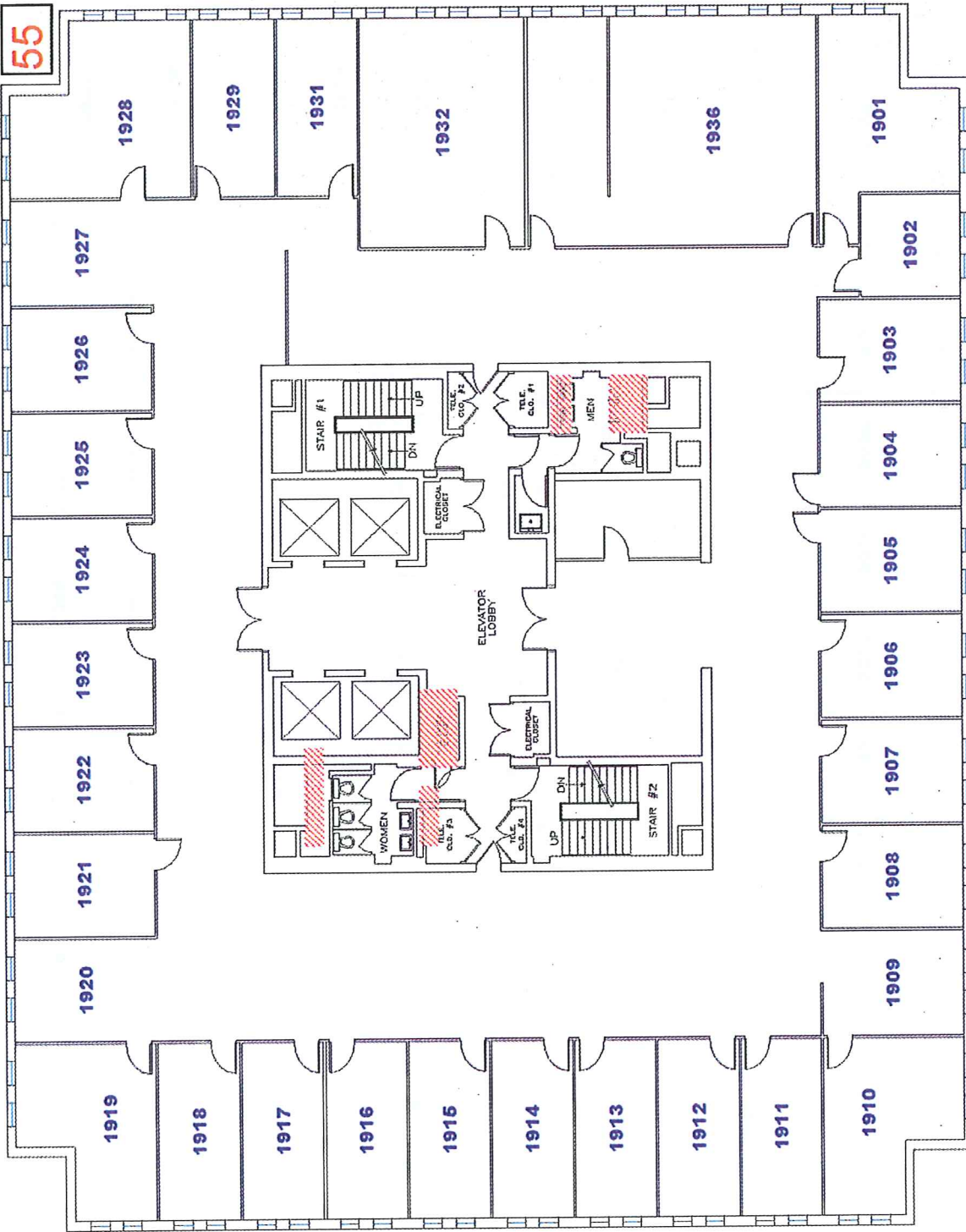


18th FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of
Insulation

55

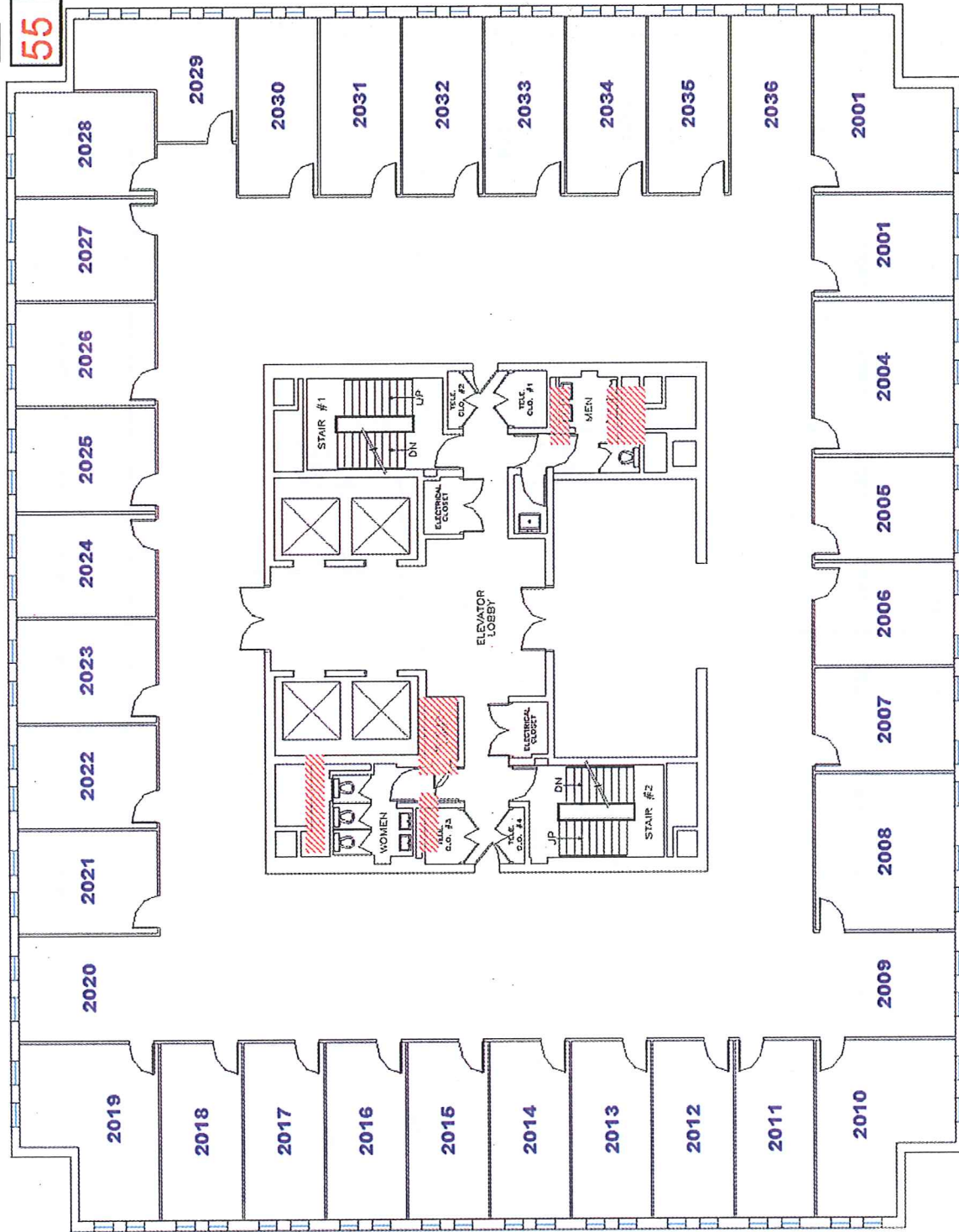


19th FLOOR

Pipe Insulation/Joint Compound

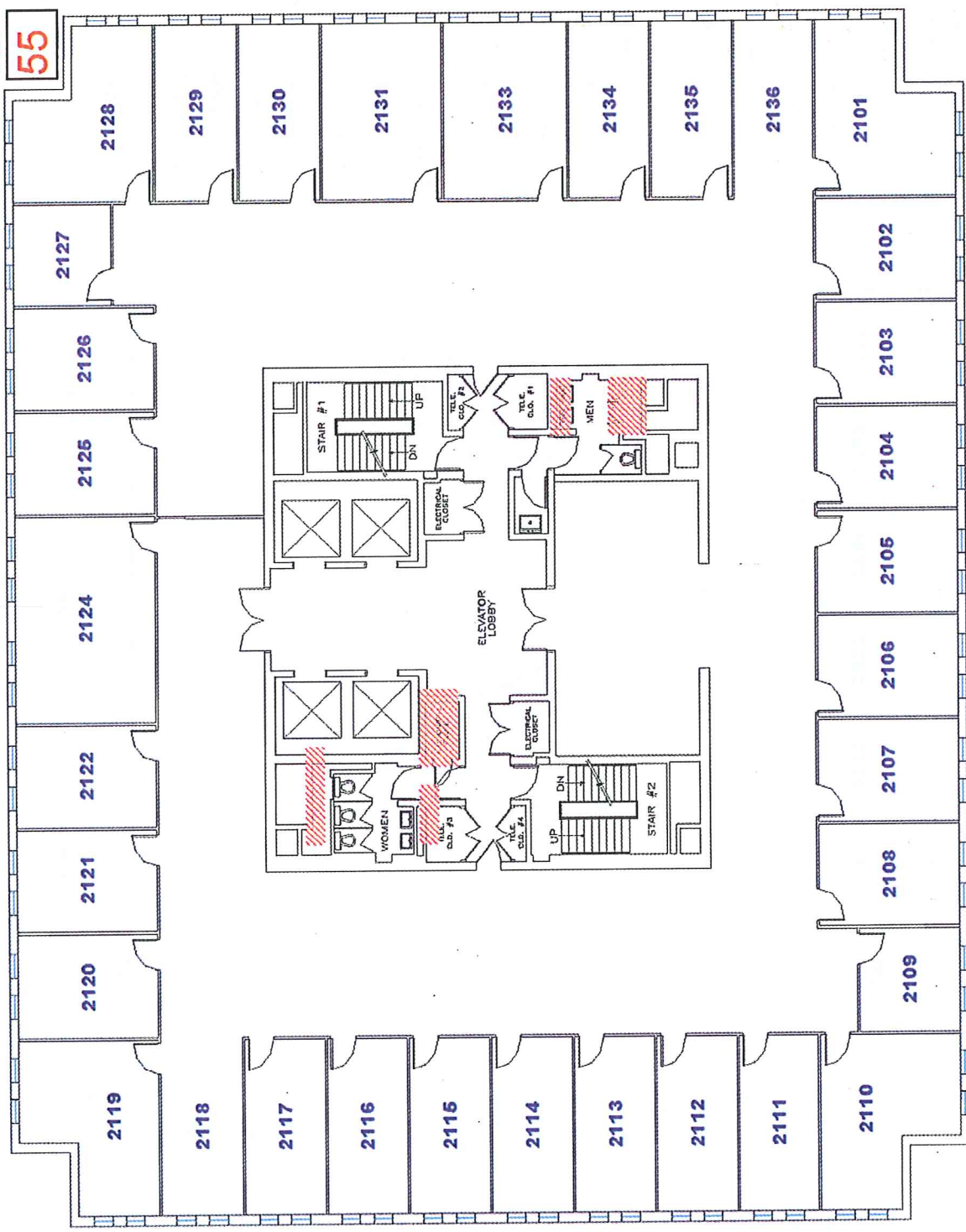
Pipe Joints/Linear Feet of
Insulation

55



20th FLOOR

 Pipe Insulation/Joint Compound
 55 Pipe Joints/Linear Feet of Insulation

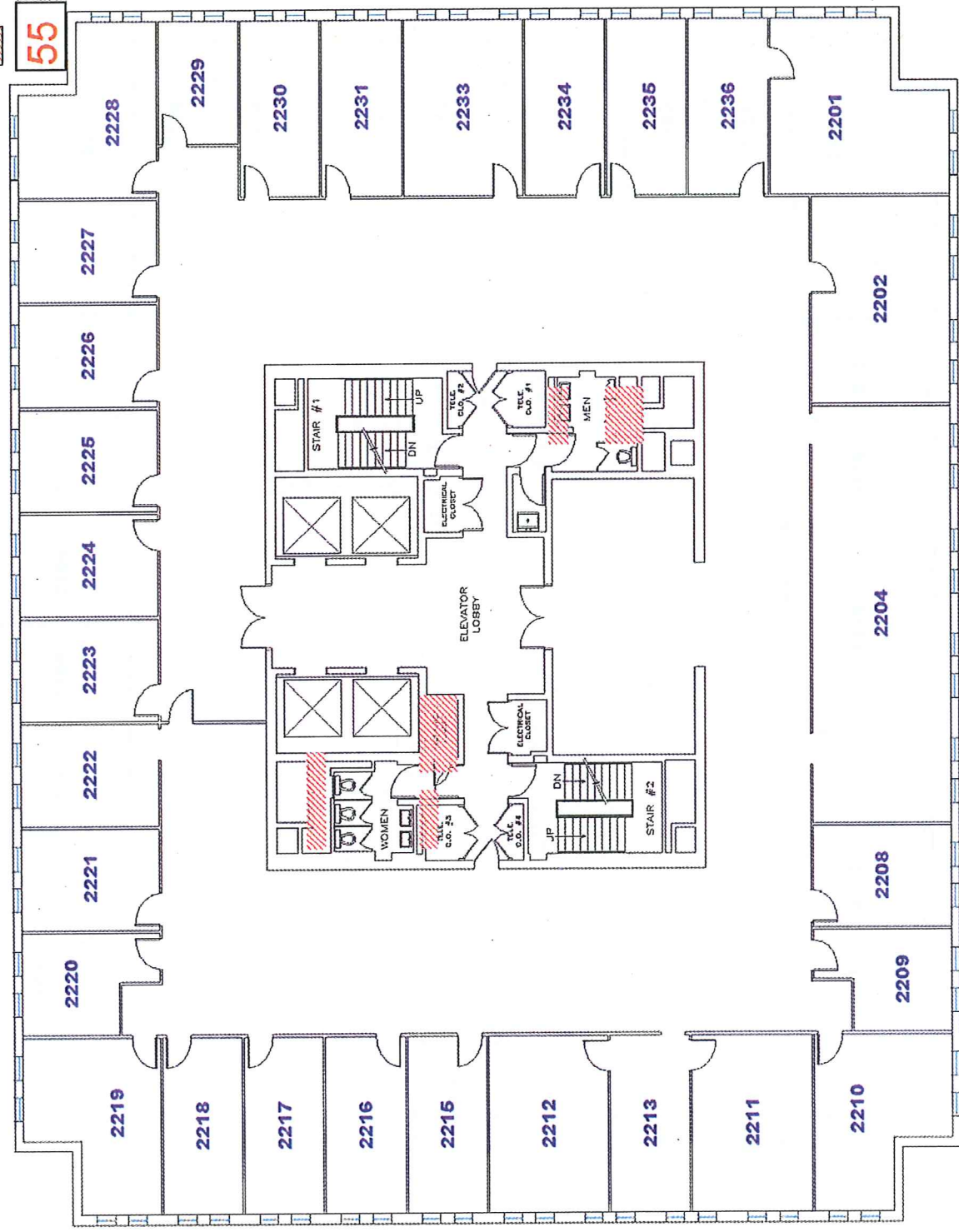


21st FLOOR

Pipe Insulation/Joint Compound

Pipe Joints/Linear Feet of Insulation

55



22nd FLOOR

Sample Locations

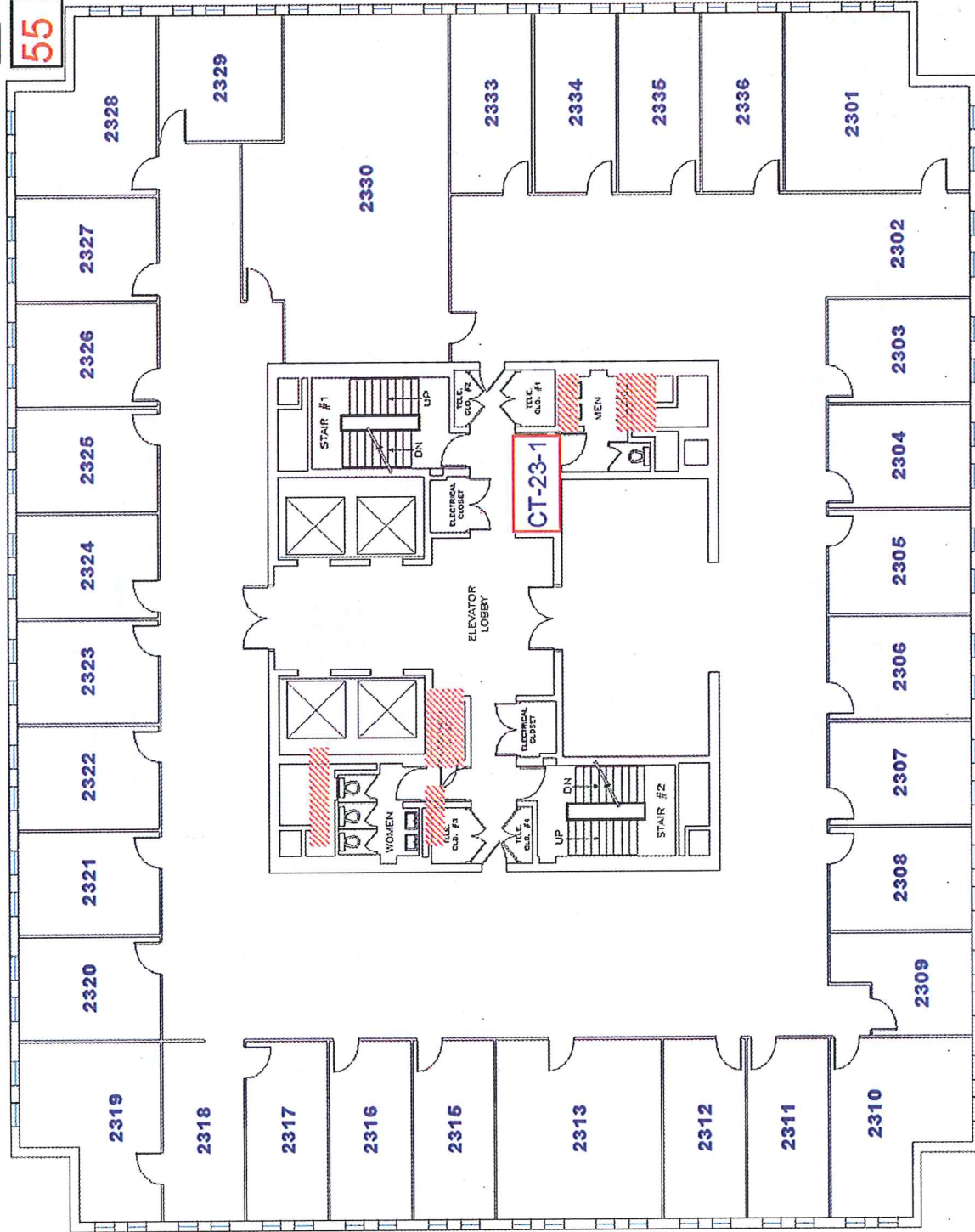
XX

Pipe Insulation/Joint Compound



55 Pipe Joints/Linear Feet of Insulation

55



23rd FLOOR



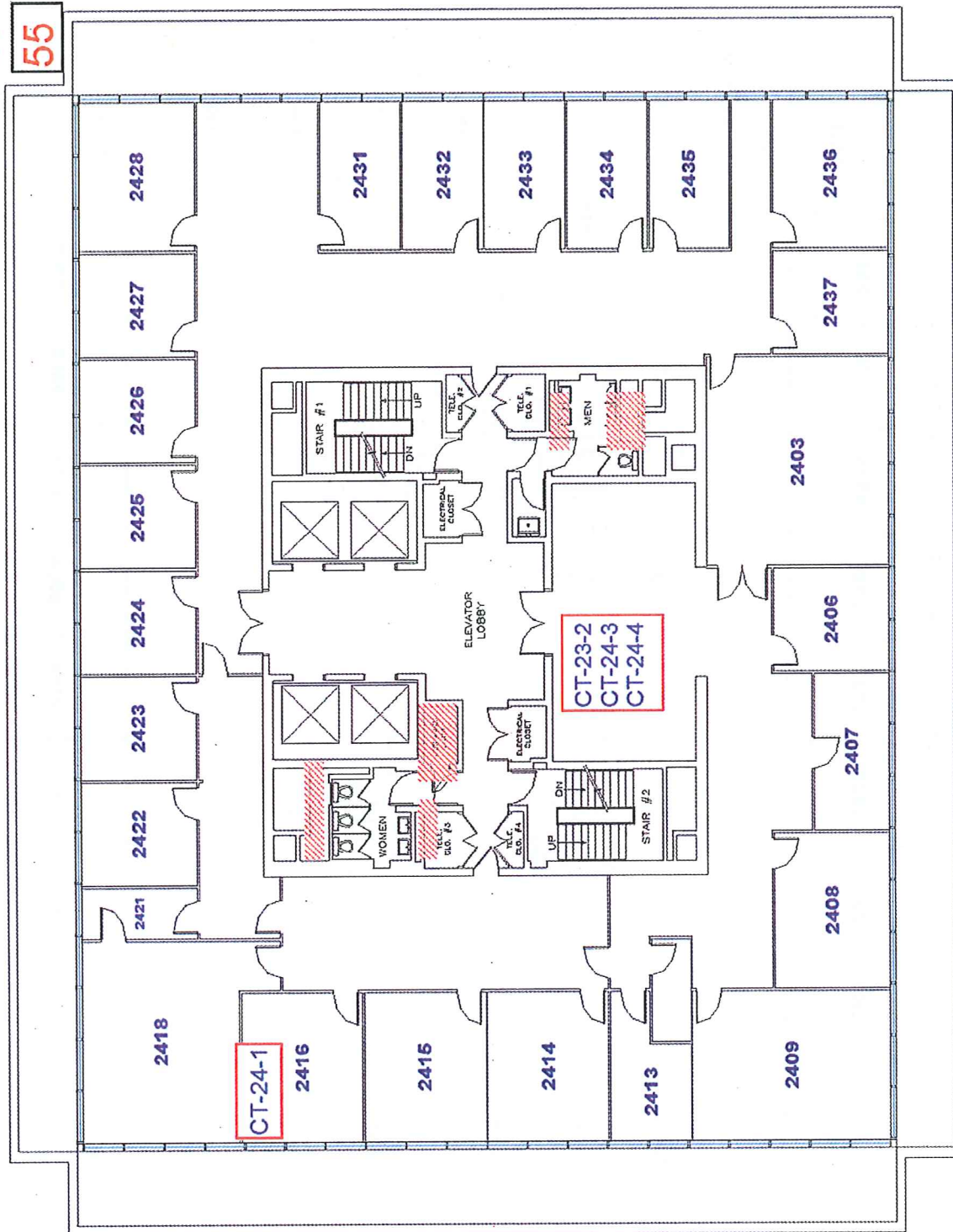
Sample Locations



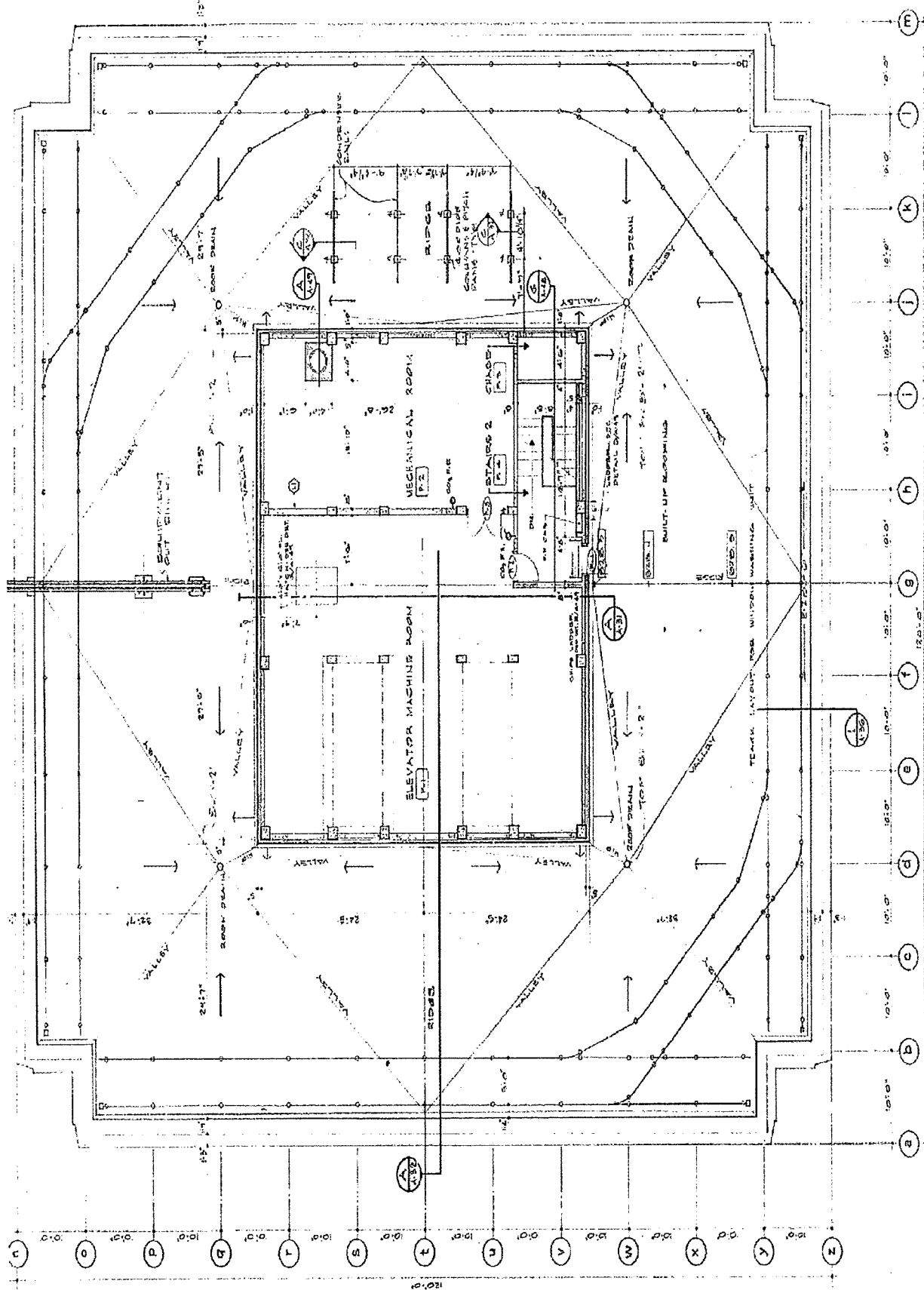
Pipe Insulation/Joint Compound

55

Pipe Joints/Linear Feet of Insulation



24th FLOOR



PLAN PENTHOUSE AND ROOF SECTOR C-2 1/2" = 1'-0"

