



PINNACLE ENVIRONMENTAL CONSULTANTS, INC.

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May 16, 2022

Mr. Jason Chamlee
VP, Mixed Use Development

Model Group

1826 Race Street
Cincinnati, Ohio 45202
(513) 559-5896

**Re: Pre-Renovation NESHAP Asbestos Inspection Report for the Mercantile Building
located at 414 Walnut Street in Cincinnati, Ohio 45202
Pinnacle PN: 22-0064**

Dear Mr. Chamlee;

From April 4 to 29, 2022, Mr. Steve Brenner and Mr. Michael D. Strine of Pinnacle Environmental Consultants, Inc. (see Attachment 1 for certifications) visited the building located at 414 Walnut Street in Cincinnati, Ohio 45202 per your request. The purpose of these visits was to collect bulk samples of materials suspect for containing asbestos prior to the planned renovation of the building, as required for compliance with the National Emission Standards for Hazardous Air Pollutants (NESHAP). Specifically, three hundred two (302) bulk samples were collected from one hundred sixteen (116) homogeneous areas throughout the building. Analysis results show twenty-two (22) homogeneous areas were identified with asbestos content greater than one percent (>1%) and three (3) homogeneous areas were identified with less than one percent (<1%) asbestos content. Please reference the *PLM Bulk Sample Data Summary Table* in Attachment 2 for complete sample location, description and analysis information. The floor plans located in Attachment 7 indicate the areas inspected and bulk sample locations.

Asbestos Bulk Sampling Methods

For friable Surfacing Materials, three (3) bulk samples were collected for each homogeneous area less than or equal to 1,000 square feet. If the homogeneous area was greater than 1,000 square feet but less than 5,000 square feet, five (5) bulk samples were collected. For homogeneous areas that were greater than 5,000 square feet, seven (7) bulk samples were collected. Random sample locations for each homogeneous area of suspect friable surfacing materials were determined by Pinnacle's inspector in the field.

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Three (3) samples were randomly collected from homogeneous areas of Thermal System Insulation such as pipe insulation, unless the insulation was known to contain asbestos and a single confirmatory sample was collected. Miscellaneous Material and non-friable suspected ACM were sampled "in a manner sufficient to determine" whether the material in question contained asbestos.

To avoid disturbing the material more than necessary and potentially cause the release of asbestos fibers, Pinnacle performed bulk sampling of suspect materials in accordance with generally accepted procedures outlined in the Asbestos Hazard Emergency Response Act (AHERA). Each sample was collected and placed in a clean, sealable vial and labeled with a unique sample identification number. This sample number was recorded on a Bulk Sample Log Sheet, the sample vial, and at the sample location to permit easy identification of the sampled materials in the future. Supplemental information was also recorded on the Bulk Sample Log Sheet, including date of inspection, name of Pinnacle's inspector, the building name (or number), a brief description and location of the sample, and type of material sampled (e.g. floor tile, drywall, joint compound, hard plaster, etc.).

Analysis of Bulk Samples

The bulk samples were submitted to Pinnacle Consultants Analytical Laboratory (see Attachment 3 for a copy of laboratory NVLAP accreditation) and analyzed for asbestos content by Polarized Light Microscopy (PLM) and dispersion staining (Method Reference: EPA-600/R-93/116) sample analysis. This analytical method, which the EPA currently recommends for the determination of asbestos in bulk samples of suspect materials, can be used for qualitative identification of six morphologically different types of asbestos fibers: chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite asbestos. The method specifies that the asbestos content in a bulk sample will be estimated and reported as a finite percentage (rounded to the nearest percentage) within the range of 0 to 100.

The results of the bulk sample analysis are reported in a standard written laboratory report. This report includes Pinnacle's project number, the laboratory identification number and the field number assigned to the bulk sample upon collection at the site. If a bulk sample contains more than one distinct layer of material, each layer is analyzed separately. The composition of the bulk sample is reported in percentages of asbestos (i.e., chrysotile, amosite or other) and non-asbestos (i.e., cellulose, fiberglass or other) components.

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To reduce the total number of samples analyzed, the laboratory was instructed to “stop analysis” at the first sample >1% asbestos for each homogeneous area. For example, assume seven bulk samples were collected from a large homogeneous area. If the first or any subsequent sample analyzed by the laboratory identifies >1% asbestos content, there is no need to analyze the remaining samples. As specified in AHERA, one sample of a homogeneous area >1% is enough to designate the entire homogeneous area as asbestos-containing.

If a bulk sample of friable material has less than ten percent (<10%) asbestos content, the EPA recommends the sample be analyzed by the point count method reference PLM, EPA 600/R-93/116. This analytical method is a more accurate way of determining the actual asbestos percentage. For this project, five (5) samples were analyzed using point count methods. A copy of the original laboratory reports and sample chain-of-custodies for PLM analysis can be found in Attachment 4.

Results and Conclusions

The locations and quantities of materials known or assumed to contain >1% asbestos can be found on the *Inventory of Asbestos-Containing Material Table* in Attachment 5 with this letter.

During Pinnacle’s inspection, there were multiple layers of flooring materials and systems observed in various areas of the building. As asbestos-containing flooring material was identified during this inspection, all areas of multiple layered flooring systems which include any resilient flooring materials (floor tile, sheet goods, etc.) should be assumed to contain asbestos also and handled accordingly during removal and disposal. All areas where resilient flooring materials were observed have been included in the *Inventory of Asbestos-Containing Material Table*.

As it is impossible to determine and identify the locations and quantities of specific types of flooring materials throughout the multiple layers present in this building, Pinnacle recommends that in areas where removal of all layers of existing flooring are specified for the renovation project, all flooring removal should be conducted by an asbestos abatement contractor with the assumption that asbestos-containing flooring materials are present in one or more of all existing layers of flooring throughout this structure.

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Based on the limited access of the bulk sampling survey (i.e., non-destructive inspection), caution should be exercised during the renovation project in the event materials known or suspected to contain asbestos are exposed during the renovation work. In the event additional material suspected to contain asbestos is discovered during this project, work with the potential for disturbance should be stopped until sampling and analysis has been performed. In addition, Pinnacle's access to the Eleventh Floor was limited due to it being fully occupied with the Mercantile Library in full operation.

All asbestos bulk sampling should be conducted by a professional consultant certified by the EPA as an asbestos hazard evaluation specialist. Analysis of all bulk samples collected should be performed by laboratories accredited by NVLAP or the American Industrial Hygiene Association.

Current asbestos laws and regulations require removal of asbestos-containing materials (ACM) prior to renovation activities with the potential to disturb these materials. If removal of ACM is necessary, an EPA licensed asbestos abatement contractor should be contracted to perform the removal work and submit necessary regulatory notifications. It is also recommended that Model Group contract with Pinnacle to provide abatement planning and bidding assistance, abatement completion visual inspections, final clearance air sampling and review and organization of the project closeout documentation.

The light weight concrete fill material which is part of the buildings original flooring system throughout the building was found to contain less than one percent (<1%) asbestos content as verified through PLM point count methods. Although this material is not regulated by the EPA, compliance with OSHA 29 CFR 1926.1101 is required during all renovation work that disturbs any of these materials. A summary of requirements to comply with OSHA has been provided in Attachment 6. This condition and regulatory requirements should be provided to any Contractors working in these areas of the building.

In addition to evaluating this building for the presence of asbestos-containing materials, Pinnacle also identified and inventoried items that should be collected for reclamation, recycling, reuse, or proper disposal prior to renovation activities that may result in these items becoming part of a waste stream. These materials can contaminate the waste stream and potentially result in the inadvertent release of regulated components. These materials are presented on the Inventory of Universal Waste Table located in Attachment 8.

Mr. Jason Chamlee

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Pinnacle greatly appreciates the opportunity to offer our services and expertise to the Model Group for this most important project. Should you have any questions or require additional information, please feel free to contact me at your earliest convenience.

Sincerely,

Pinnacle Environmental Consultants, Inc.

Michael D. Strine

Michael D. Strine, AHES #ES3036

Vice President

Attachments (8)

Attachment 1

PINNACLE'S PERSONNEL CERTIFICATIONS



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

10/12/2021

Steven Brenner
Pinnacle Environmental Consultants, Inc.
486 Old State Route 74
Cincinnati, OH 45244

RE: Evaluation Specialist
Certification Number: ES33856
Expiration Date: 11/9/2022

Dear Steven Brenner:

This letter and enclosed certification card approves your request to be certified as an asbestos Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Joshua S. Koch
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control





Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

7/12/2021

Michael Strine
Pinnacle Environmental Consultants, Inc.
486 Old State Route 74
Cincinnati, OH 45244

RE: Evaluation Specialist
Certification Number: ES3036
Expiration Date: 7/29/2022

Dear Michael Strine:

This letter and enclosed certification card approves your request to be certified as an asbestos Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Joshua S. Koch
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control



Attachment 2

PLM BULK SAMPLE DATA SUMMARY TABLE

**PLM BULK SAMPLE DATA SUMMARY TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

<i>Sample Location</i>	<i>Sample Description</i>	<i>Sample ID No.</i>	<i>Lab ID No.</i>	<i>Asbestos Content</i>	<i>* Homogeneous Area #</i>	<i>Friable/ Nonfriable</i>
<i>The following samples were collected from the Basement</i>						
P3 pit area north wall	White fire brick	22SB-811	22B-08358	None detected	1	Nonfriable
P3 pit area south wall	White fire brick	22SB-812	22B-08359	None detected	1	Nonfriable
P5 pit area overhead	Aircell-paper pipe insulation	22SB-813	22B-08360	40% Chrysotile	2	Nonfriable
B4 overhead	Aircell-paper pipe insulation	22SB-814	22B-08361	Stopped analysis	2	Nonfriable
B9 above ceiling tile	Aircell-paper pipe insulation	22SB-815	22B-08362	Stopped analysis	2	Nonfriable
P7 pit area north wall	Rough hard plaster	22SB-816	22B-08363	None detected	3	Nonfriable
B5 ceiling	Rough hard plaster	22SB-817	22B-08364	None detected	3	Nonfriable
B33 ceiling	Rough hard plaster	22SB-818	22B-08365	None detected	3	Nonfriable
B1 women's restroom ceiling	2' x 4' Ceiling tile with random cuts and pin holes	22SB-823	22B-08370	None detected	4	Friable
B3 breakroom ceiling	2' x 4' Ceiling tile with random cuts and pin holes	22SB-824	22B-08371	None detected	4	Friable
B1 women's restroom (above ceiling tile)	Preformed-block pipe insulation	22SB-825	22B-08372	15% Chrysotile 10% Amosite	5	Friable
B10 in wall	Preformed-block pipe insulation	22SB-826	22B-08373	Stopped analysis	5	Friable
B1 women's restroom overhang (above ceiling tile)	Layered-paper pipe insulation	22SB-828	22B-08375	5% Chrysotile	6	Friable
B11 in south wall	Layered-paper pipe insulation	22SB-829	22B-08376	Stopped analysis	6	Friable
B19 gas / water supply room overhead	Layered-paper pipe insulation	22SB-830	22B-08377	Stopped analysis	6	Nonfriable
B3 breakroom east wall (above ceiling tile)	Smooth hard plaster top coat	22SB-831	22B-08378	None detected	7	Nonfriable
B3 breakroom east wall (above ceiling tile)	Smooth hard plaster base coat	22SB-838	22B-08385	None detected	8	Nonfriable
B3 west wall by entry	Drywall	22SB-845	22B-08392	None detected	9	Nonfriable
B3 west wall by entry	Joint compound	22SB-846	22B-08393	None detected	10	Nonfriable
B3 west wall by entry	Drywall and joint compound (composite)	22SB-847	22B-08394	None detected	9, 10	Nonfriable
B34 mechanical office west wall	Drywall	22SB-848	22B-08395	None detected	9	Nonfriable
B34 mechanical office west wall	Joint compound	22SB-849	22B-08396	None detected	10	Nonfriable
B34 mechanical office west wall	Drywall and joint compound (composite)	22SB-850	22B-08397	None detected	9, 10	Nonfriable

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<i>Basement continued</i>						
B3 south wall	Brown adhesive under covebase	22SB-851	22B-08398	None detected	11	Nonfriable
B3 under carpet	Pale yellow carpet adhesive	22SB-853	22B-08400	None detected	12	Nonfriable
B3 sink under cabinet	Black sink undercoating	22SB-855	22B-08402	3% Chrysotile	13	Nonfriable
B3 sink under cabinet	Black sink undercoating	22SB-856	22B-08403	Stopped analysis	13	Nonfriable
Stairwell A stair tread	Brown adhesive under stair tread	22SB-857	22B-08404	None detected	14	Nonfriable
Stairwell A stair tread	Brown adhesive under stair tread	22SB-858	22B-08405	None detected	14	Nonfriable
B6 ceiling	2' x 2' Off-white ceiling tile with very rough texture	22SB-859	22B-08406	None detected	15	Friable
B6 ceiling	2' x 2' Off-white ceiling tile with very rough texture	22SB-860	22B-08407	None detected	15	Friable
B9 shower	2' x 2' White ceiling tile with random cuts and pin holes	22SB-861	22B-08408	None detected	16	Friable
B9 restroom ceiling	2' x 2' Off-white ceiling tile with bumpy surface	22SB-863	22B-08410	None detected	17	Friable
B9 restroom ceiling	2' x 2' Off-white ceiling tile with bumpy surface	22SB-864	22B-08411	None detected	17	Friable
B13 ceiling	2' x 4' White ceiling tile with parallel fissures	22SB-865	22B-08412	None detected	18	Friable
B13 ceiling	2' x 4' White ceiling tile with parallel fissures	22SB-866	22B-08413	None detected	18	Friable
B16	Cementitious fitting insulation between sections of fiberglass pipe insulation - domestic water	22SB-867	22B-08414	5% Chrysotile	19	Nonfriable
B15 overhang along south wall	Cementitious fitting insulation between sections of fiberglass pipe insulation - domestic water	22SB-868	22B-08415	Stopped analysis	19	Nonfriable
Mechanical room B33 overhead	Cementitious fitting insulation between sections of fiberglass pipe insulation - domestic water	22SB-869	22B-08416	Stopped analysis	19	Nonfriable
B18 in storage cabinet north wall	Paper heat shield in stored light fixture	22SB-870	22B-08417	67% Chrysotile	20	Friable
B18 in storage cabinet north wall	Paper heat shield in light fixture	22SB-871	22B-08418	Stopped analysis	20	Friable
B20 overhead	Cork pipe insulation with black coating	22SB-872	22B-08419	None detected	21	Nonfriable

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<i>Basement continued</i>						
B23 overhead	Cork pipe insulation with black coating	22SB-873	22B-08420	None detected	21	Nonfriable
B24 overhead	Cork pipe insulation with black coating	22SB-874	22B-08421	None detected	21	Nonfriable
Mechanical room chiller area overhead	Cementitious fitting insulation between sections of fiberglass pipe insulation - chiller supply large fitting	22SB-875	22B-08422	8% Chrysotile	22	Nonfriable
Mechanical room chiller area overhead	Cementitious fitting insulation between sections of fiberglass pipe insulation - chiller supply large fitting	22SB-876	22B-08423	Stopped analysis	22	Nonfriable
Mechanical room chiller area overhead	Cementitious fitting insulation between sections of fiberglass pipe insulation - chiller supply large fitting	22SB-877	22B-08424	Stopped analysis	22	Nonfriable
Mechanical room chiller area	Cementitious fitting insulation between sections of fiberglass pipe insulation - yellow condensate return pipe small diameter pipe	22SB-878	22B-08425	10% Chrysotile	23	Nonfriable
Mechanical room chiller area	Cementitious fitting insulation between sections of fiberglass pipe insulation - yellow condensate return pipe small diameter pipe	22SB-879	22B-08426	Stopped analysis	23	Nonfriable
Mechanical room boiler area	Cementitious fitting insulation between sections of fiberglass pipe insulation - yellow condensate return pipe small diameter pipe	22SB-880	22B-08427	Stopped analysis	23	Nonfriable
Mechanical room chiller area	Cementitious fitting insulation between sections of fiberglass pipe insulation - yellow condensate return pipe large diameter pipe	22SB-881	22B-08428	None detected	24	Nonfriable
Mechanical room chiller area	Cementitious fitting insulation between sections of fiberglass pipe insulation - yellow condensate return pipe large diameter pipe	22SB-882	22B-08429	None detected	24	Nonfriable

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<i>Basement continued</i>						
Mechanical room boiler area	Cementitious fitting insulation between sections of fiberglass pipe insulation - yellow condensate return pipe large diameter pipe	22SB-883	22B-08430	None detected	24	Nonfriable
Mechanical room boiler area	Cementitious fitting insulation between sections of fiberglass pipe insulation - steam supply	22SB-884	22B-08431	8% Amosite	25	Nonfriable
Mechanical room boiler area	Cementitious fitting insulation between sections of fiberglass pipe insulation - steam supply	22SB-885	22B-08432	Stopped analysis	25	Nonfriable
Mechanical room boiler area	Cementitious fitting insulation between sections of fiberglass pipe insulation - steam supply	22SB-886	22B-08433	Stopped analysis	25	Nonfriable
Mechanical room boiler area west side at boilers	Boiler breeching insulation	22SB-887	22B-08434	15% Chrysotile	26	Nonfriable
Mechanical room boiler area west side at boilers	Boiler breeching insulation	22SB-888	22B-08435	Stopped analysis	26	Nonfriable
Mechanical room boiler area west side at boilers	Boiler breeching insulation	22SB-889	22B-08436	Stopped analysis	26	Nonfriable
Mechanical / boiler / chiller east end in door	Cementitious boiler door insulation	22SB-890	22B-08437	25% Chrysotile	27	Nonfriable
B33 mechanical / boiler / chiller room east end	Cementitious boiler door insulation	22SB-891	22B-08438	Stopped analysis	27	Nonfriable
B33 mechanical / boiler / chiller room west end	Cementitious boiler door insulation	22SB-892	22B-08439	Stopped analysis	27	Nonfriable
Boiler 2	Cloth gaskets on end of boiler	22SB-893	22B-08440	None detected	28	Friable
Boiler 4	Cloth gaskets on end of boiler	22SB-894	22B-08441	None detected	28	Friable
Mechanical / boiler / chiller room support pole by office	Troweled on fireproofing	22SB-895	22B-08442	None detected	29	Nonfriable
Mechanical / boiler / chiller room support pole by office	Troweled on fireproofing	22SB-896	22B-08443	None detected	29	Nonfriable
Support pole by entrance	Troweled on fireproofing	22SB-897	22B-08444	None detected	29	Nonfriable
Mechanical / boiler / chiller room	Caulk sealant between fiberglass pipe insulation and fittings	22SB-898	22B-08445	None detected	30	Friable
Mechanical / boiler / chiller room	Caulk sealant between fiberglass pipe insulation and fittings	22SB-899	22B-08446	None detected	30	Friable

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Basement continued						
Mechanical / boiler / chiller room	Caulk sealant between fiberglass pipe insulation and fittings	22SB-900	22B-08447	None detected	30	Friable
The following samples were collected from the First Floor						
Room 112 southeast corner above ceiling tile	Preformed-block pipe insulation	22SB-827	22B-08374	Stopped analysis	5	Friable
M111 mezzanine ceiling	Smooth hard plaster top coat	22SB-832	22B-08379	None detected	7	Nonfriable
M111 mezzanine ceiling	Smooth hard plaster base coat	22SB-839	22B-08386	None detected	8	Nonfriable
Room 101 ceiling	1' x 2' White splined ceiling tile with deep fissures	22SB-901	22B-08691	None detected	31	Friable
Room 101 ceiling	1' x 2' White splined ceiling tile with deep fissures	22SB-902	22B-08692	None detected	31	Friable
Room 101 ceiling	12" Off-white stapled on ceiling tile with bumpy surface	22SB-903	22B-08693	None detected	32	Friable
Room 101 ceiling	12" Off-white stapled on ceiling tile with bumpy surface	22SB-904	22B-08694	None detected	32	Friable
Room 101 ceiling	12" White splined ceiling tile with parallel fissures	22SB-905	22B-08695	None detected	33	Friable
Room 101 ceiling	12" White splined ceiling tile with parallel fissures	22SB-906	22B-08696	None detected	33	Friable
Room 101	Ceiling tile glue dots	22SB-907	22B-08697	Trace Chrysotile*	37	Nonfriable
Room 101	Ceiling tile glue dots	22SB-908	22B-08698	Trace Chrysotile*	37	Nonfriable
Room 109 ceiling	Drywall	22SB-909	22B-08699	None detected	35	Nonfriable
Room 109 ceiling	Joint compound	22SB-910	22B-08700	0.25% Chrysotile*	36	Nonfriable
Room 109 ceiling	Drywall and joint compound (composite)	22SB-911	22B-08701	None detected	35, 36	Nonfriable
Room 124 east wall above ceiling tile	Drywall	22SB-912	22B-08702	None detected	35	Nonfriable
Room 124 east wall above ceiling tile	Joint compound	22SB-913	22B-08703	None detected	36	Nonfriable
Room 124 east wall above ceiling tile	Drywall and joint compound (composite)	22SB-914	22B-08704	None detected	35, 36	Nonfriable
Room 101 north wall	Ceiling tile glue dots	22SB-915	22B-08705	20% Chrysotile	37	Nonfriable
Room 101 north wall	Ceiling tile glue dots	22SB-916	22B-08706	Stopped analysis	37	Nonfriable

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<i>First Floor continued</i>						
Room 101 under carpet	Light tan adhesive	22SB-917	22B-08707	None detected	38	Nonfriable
Room 101 west wall in boxed area of radiator	Aircell-paper board insulation	22SB-919	22B-08709	80% Chrysotile	39	Nonfriable
Room 106 west wall at radiator	Aircell-paper board insulation	22SB-920	22B-08710	Stopped analysis	39	Nonfriable
Room 101 west wall in box for radiator	Aircell-paper board insulation	22SB-921	22B-08711	Stopped analysis	39	Nonfriable
Room 107 ceiling	12" White ceiling tile with flat surface	22SB-922	22B-08712	None detected	40	Friable
Room 107 ceiling	12" White ceiling tile with flat surface	22SB-923	22B-08713	None detected	40	Friable
Room 108 floor	12" Red floor tile with old ornamental pattern	22SB-924	22B-08714	2% Chrysotile	41	Nonfriable
Room 108 floor	12" Red floor tile with old ornamental pattern	22SB-925	22B-08715	Stopped analysis	41	Nonfriable
Room 108 floor under 12" floor tile	Tan adhesive	22SB-926	22B-08716	None detected	42	Nonfriable
Room 108 floor under 12" floor tile	Tan adhesive	22SB-927	22B-08717	None detected	42	Nonfriable
Room M111	Sheet flooring with 6" floor tile design	22SB-928	22B-08718	None detected	43	Nonfriable
Room M111	Sheet flooring with 6" floor tile design	22SB-929	22B-08719	None detected	43	Nonfriable
Room M111	Black sheet flooring	22SB-930	22B-08720	None detected	44	Nonfriable
Room M111 floor	Black sheet flooring	22SB-931	22B-08721	None detected	44	Nonfriable
Room 112 ceiling	2' x 4' Ceiling tile with random cuts, pin holes and 2' x 2' design	22SB-932	22B-08722	None detected	45	Nonfriable
Room 112 above ceiling tile on ducts	Tan duct seam sealant	22SB-934	22B-08724	None detected	46	Nonfriable
Room 112 above ceiling tile on ducts	Tan duct seam sealant	22SB-935	22B-08725	None detected	46	Nonfriable
Room 112	12" Light tan floor tile with gray marks	22SB-936	22B-08726	None detected	47	Nonfriable
Room 112	12" Light tan floor tile with gray marks	22SB-937	22B-08727	None detected	47	Nonfriable
Room 112 under 12" floor tile	Tan adhesive	22SB-938	22B-08728	None detected	48	Nonfriable

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Sample Location	Sample Description	Sample ID No.	Lab ID No.	Asbestos Content	* Homogeneous Area #	Friable/ Nonfriable
First Floor continued						
Room 114 ceiling	2' x 2' Brown drywall type ceiling tile	22SB-940	22B-08730	None detected	49	Nonfriable
Room 114 ceiling	2' x 2' Brown drywall type ceiling tile	22SB-941	22B-08731	None detected	49	Nonfriable
Room 116 ceiling above metal lattice	2' x 2' Black ceiling tile with random pin holes	22SB-942	22B-08732	None detected	50	Nonfriable
Room 116 ceiling above metal lattice	2' x 2' Black ceiling tile with random pin holes	22SB-943	22B-08733	None detected	50	Nonfriable
Room 120 floor	12" Blue / gray mottled floor tile	22SB-944	22B-08734	None detected	51	Nonfriable
Room 120 floor	12" Blue / gray mottled floor tile	22SB-945	22B-08735	None detected	51	Nonfriable
Room 120 under floor tile	Yellow adhesive	22SB-946	22B-08736	None detected	52	Nonfriable
Room 120 under floor tile	Yellow adhesive	22SB-947	22B-08737	None detected	52	Nonfriable
Room 124 ceiling	2' x 2' White ceiling tile with sandpaper texture	22SB-948	22B-08738	None detected	53	Nonfriable
Room 127 ceiling	2' x 2' White ceiling tile with sandpaper texture	22SB-949	22B-08739	None detected	53	Nonfriable
Room 124	12" x 12" Ceiling tile with wide parallel fissures	22SB-950	22B-08740	None detected	54	Friable
Room 124	Ceiling tile glue dot	22SB-952	22B-08742	None detected	37	Nonfriable
Room 124 above ceiling tile on ducts	Dark gray duct seam sealant	22SB-954	22B-08744	None detected	56	Nonfriable
Room 124 floor	12" Mottled off-white and gray floor tile	22SB-956	22B-08746	None detected	57	Nonfriable
Room 128 floor	12" Mottled off-white and gray floor tile	22SB-957	22B-08747	None detected	57	Nonfriable
Room 128 structural beam for skywalk above ceiling tile	Light gray spray-applied fireproofing	22SB-958	22B-08748	None detected	58	Friable
Room 130 above ceiling tile	Light gray spray-applied fireproofing	22SB-959	22B-08749	None detected	58	Friable
Room 130 above ceiling tile	Light gray spray-applied fireproofing	22SB-960	22B-08750	None detected	58	Friable
Room 132 mezzanine dining room	12" Self adhesive floor tile with black marble design	22SB-961	22B-08751	None detected	59	Nonfriable
Bakers restaurant	12" Self adhesive floor tile with black marble design	22SB-962	22B-08752	None detected	59	Nonfriable

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<i>Sample Location</i>	<i>Sample Description</i>	<i>Sample ID No.</i>	<i>Lab ID No.</i>	<i>Asbestos Content</i>	<i>* Homogeneous Area #</i>	<i>Friable/ Nonfriable</i>
<i>First Floor continued</i>						
Room 132 mezzanine dining area under 12" floor tile	Light gray floor leveling compound	22SB-963	22B-08753	None detected	60	Nonfriable
Bakers restaurant under floor tile	Light gray floor leveling compound	22SB-964	22B-08754	None detected	60	Nonfriable
<i>The following samples were collected from the Second Floor</i>						
Room 213 under carpet	Pale yellow carpet adhesive	22SB-854	22B-08401	None detected	12	Nonfriable
Room 213 under carpet	Light tan adhesive	22SB-918	22B-08708	None detected	38	Nonfriable
Room 213 ceiling	2' x 4' Ceiling tile with random cuts, pin holes and 2' x 2' design	22SB-933	22B-08723	None detected	45	Nonfriable
Room 218 under flooring	Tan adhesive	22SB-939	22B-08729	None detected	48	Nonfriable
Room 204	12" x 12" Ceiling tile with wide parallel fissures	22SB-951	22B-08741	None detected	54	Friable
Room 204	Ceiling tile glue dot	22SB-953	22B-08743	None detected	37	Nonfriable
Room 204 in closet along east wall	Drywall	22SB-965	22B-08755	None detected	61	Nonfriable
Room 204 in closet along east wall	Joint compound	22SB-966	22B-08756	None detected	62	Nonfriable
Room 204 in closet along east wall	Drywall and joint compound (composite)	22SB-967	22B-08757	None detected	61, 62	Nonfriable
Room 213 south wall	Drywall	22SB-968	22B-08758	None detected	61	Nonfriable
Room 213 south wall	Joint compound	22SB-969	22B-08759	None detected	62	Nonfriable
Room 213 south wall	Drywall and joint compound (composite)	22SB-970	22B-08760	None detected	61, 62	Nonfriable
Room 201 under carpet	Tan adhesive	22SB-971	22B-08761	None detected	63	Nonfriable
Room 201 under carpet	Tan adhesive	22SB-972	22B-08762	None detected	63	Nonfriable
Room 204 under covebase	Light tan covebase adhesive	22SB-973	22B-08763	None detected	64	Nonfriable
Room 209 under covebase	Light tan covebase adhesive	22SB-974	22B-08764	None detected	64	Nonfriable
Room 204	Laminate flooring with gray wood plank design	22SB-975	22B-08765	None detected	65	Nonfriable
Room 209	Laminate flooring with gray wood plank design	22SB-976	22B-08766	None detected	65	Nonfriable
Room 204 under counter on sink	Off-white sink undercoating	22SB-977	22B-08767	None detected	66	Nonfriable
Room 204 under counter on sink	Off-white sink undercoating	22SB-978	22B-08768	None detected	66	Nonfriable

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<i>Second Floor continued</i>						
Space under rooms 201 and 202	Light gray spray-applied fireproofing	22SB-979	22B-08769	None detected	58	Friable
Space under rooms 201 and 202	Light gray spray-applied fireproofing	22SB-980	22B-08770	None detected	58	Friable
Space under rooms 201 and 202	Light gray spray-applied fireproofing	22SB-981	22B-08771	None detected	58	Friable
Space under rooms 201 and 202	Light gray spray-applied fireproofing	22SB-982	22B-08772	None detected	58	Friable
Room 206 women's restroom floor	12" Light cream floor tile with parallel brown indentations	22SB-983	22B-08773	None detected	67	Nonfriable
Room 206 women's restroom floor	12" Light cream floor tile with parallel brown indentations	22SB-984	22B-08774	None detected	67	Nonfriable
Room 206 women's restroom floor under 12" floor tile	Black mastic	22SB-985	22B-08775	None detected	68	Nonfriable
Room 206 women's restroom floor under 12" floor tile	Black mastic	22SB-986	22B-08776	None detected	68	Nonfriable
Room 208 floor	12" Off-white floor tile with gray marks	22SB-987	22B-08777	None detected	69	Nonfriable
Room 208 floor	12" Off-white floor tile with gray marks	22SB-988	22B-08778	None detected	69	Nonfriable
Room 208 under 12" floor tile	Tan adhesive and gray floor leveling compound	22SB-989	22B-08779	None detected	70	Nonfriable
Room 208 under 12" floor tile	Tan adhesive and gray floor leveling compound	22SB-990	22B-08780	None detected	70	Nonfriable
Room 210 closet floor	12" Mottled off-white and brown floor tile	22SB-991	22B-08781	None detected	71	Nonfriable
Room 210 closet floor	12" Mottled off-white and brown floor tile	22SB-992	22B-08782	None detected	71	Nonfriable
Room 210 closet under floor tile	Tan adhesive	22SB-993	22B-08783	None detected	72	Nonfriable
Room 210 closet under floor tile	Tan adhesive	22SB-994	22B-08784	None detected	72	Nonfriable
Room 212 northwest corner under carpet	12" Light brown floor tile	22SB-995	22B-08785	2% Chrysotile	73	Nonfriable
Room 212 northwest corner under carpet	12" Light brown floor tile	22SB-996	22B-08786	Stopped analysis	73	Nonfriable
Room 212 northwest corner under carpet and floor tile	Black mastic	22SB-997	22B-08787	2% Chrysotile	74	Nonfriable

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<i>Second Floor continued</i>						
Room 212 northwest corner under carpet and floor tile	Black mastic	22SB-998	22B-08788	Stopped analysis	74	Nonfriable
Room 213 above ceiling tile	Cementitious fitting insulation between sections of fiberglass pipe insulation	22SB-999	22B-08789	None detected	75	Nonfriable
Room 213 above ceiling tile	Cementitious fitting insulation between sections of fiberglass pipe insulation	22SB-1000	22B-08790	None detected	75	Nonfriable
Room 215 above ceiling tile on pipe	Cementitious fitting insulation between sections of fiberglass pipe insulation	22SB-1001	22B-08791	None detected	75	Nonfriable
Room 213 under wood floor	Unknown resilient flooring with black felt backing	22SB-1002	22B-08792	None detected	76	Nonfriable
Room 213 under wood floor	Unknown resilient flooring with black felt backing	22SB-1003	22B-08793	None detected	76	Nonfriable
Room 218 floor	Resilient flooring with dark gray slate design and cloth backing	22SB-1004	22B-08794	None detected	77	Nonfriable
Room 218 floor	Resilient flooring with dark gray slate design and cloth backing	22SB-1005	22B-08795	None detected	77	Nonfriable
Room 222 floor	Light weight concrete fill	22SB-1006	22B-08796	Trace Chrysotile*	78	Nonfriable
Room 222 floor	Brown floor sealant	22SB-1008	22B-08798	None detected	79	Nonfriable
<i>The following samples were collected from the Third Floor</i>						
Room 301 east wall	Rough hard plaster	22SB-819	22B-08366	None detected	3	Nonfriable
Room 302 women's restroom north wall above ceiling tile	Smooth hard plaster top coat	22SB-833	22B-08380	None detected	7	Nonfriable
Room 302 women's restroom north wall above ceiling tile	Smooth hard plaster base coat	22SB-840	22B-08387	None detected	8	Nonfriable
Room 313 south wall	Brown adhesive under covebase	22SB-852	22B-08399	None detected	11	Nonfriable
Corridor 326	2' x 2' White ceiling tile with random cuts and pin holes	22SB-862	22B-08409	None detected	16	Friable
Room 303 above ceiling tile on ducts	Dark gray duct seam sealant	22SB-955	22B-08745	None detected	56	Nonfriable
Room 304	Drywall	22SB-1010	22B-08800	None detected	80	Nonfriable
Room 304	Joint compound	22SB-1011	22B-08801	None detected	81	Nonfriable

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<i>Sample Location</i>	<i>Sample Description</i>	<i>Sample ID No.</i>	<i>Lab ID No.</i>	<i>Asbestos Content</i>	<i>* Homogeneous Area #</i>	<i>Friable/ Nonfriable</i>
<i>Third Floor continued</i>						
Room 304	Drywall and joint compound (composite)	22SB-1012	22B-08802	None detected	80, 81	Nonfriable
Room 326 outside room 317	Drywall	22SB-1013	22B-08803	None detected	80	Nonfriable
Room 326 outside room 317	Joint compound	22SB-1014	22B-08804	None detected	81	Nonfriable
Room 326 outside room 317	Drywall and joint compound (composite)	22SB-1015	22B-08805	None detected	80, 81	Nonfriable
Room 302 women's restroom under radiator cover	White heat shield material	22SB-1016	22B-08806	80% Chrysotile	82	Friable
Room 302 women's restroom under radiator cover	White heat shield material	22SB-1017	22B-08807	Stopped analysis	82	Friable
Room 303 women's restroom under radiator cover	White heat shield material	22SB-1018	22B-08808	Stopped analysis	82	Friable
Stairwell corridor	2' x 2' White ceiling tile with parallel fissures and random pin holes	22SB-1019	22B-08809	None detected	83	Friable
Stairwell corridor	2' x 2' White ceiling tile with parallel fissures and random pin holes	22SB-1020	22B-08810	None detected	83	Friable
HVAC room 304 floor	12" Off-white floor tile with wide beige marks	22SB-1021	22B-08811	None detected	84	Nonfriable
HVAC room 304 floor	12" Off-white floor tile with wide beige marks	22SB-1022	22B-08812	None detected	84	Nonfriable
HVAC room 304 under 12" floor tile	12" White floor tile	22SB-1023	22B-08813	None detected	85	Nonfriable
HVAC room 304 under 12" floor tile	12" White floor tile	22SB-1024	22B-08814	None detected	85	Nonfriable
HVAC room 304 under floor tile	Brown adhesive	22SB-1025	22B-08815	None detected	86	Nonfriable
HVAC room 304 under floor tile	Brown adhesive	22SB-1026	22B-08816	None detected	86	Nonfriable
Room 305 under carpet	9" Off-white floor tile with marble design	22SB-1027	22B-08817a 22B-08817b	None detected 2% Chrysotile	87 (mastic)	Nonfriable
Room 305 under carpet	9" Off-white floor tile with marble design	22SB-1028	22B-08818	Stopped analysis	87	Nonfriable
Room 306 under carpet	Gray floor leveling compound	22SB-1029	22B-08819	None detected	88	Nonfriable
Room 306 under carpet	Gray floor leveling compound	22SB-1030	22B-08820	None detected	88	Nonfriable
Room 306	White floor leveling compound	22SB-1031	22B-08821	None detected	89	Nonfriable

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<i>Third Floor continued</i>						
Room 306	White floor leveling compound	22SB-1032	22B-08822	None detected	89	Nonfriable
Room 306	Old red resilient flooring with black felt backing	22SB-1033	22B-08823	None detected	90	Nonfriable
Room 306	Old red resilient flooring with black felt backing	22SB-1034	22B-08824	None detected	90	Nonfriable
Room 307	Old red sheet good flooring with cloth backing	22SB-1035	22B-08825	None detected	91	Nonfriable
Room 307	Old red sheet good flooring with cloth backing	22SB-1036	22B-08826	None detected	91	Nonfriable
Room 307 under sheet flooring	Gray fiberboard sub flooring	22SB-1037	22B-08827	None detected	92	Nonfriable
Room 307 under sheet flooring	Gray fiberboard sub flooring	22SB-1038	22B-08828	None detected	92	Nonfriable
Room 310 under carpet	9" White floor tile with small black marks	22SB-1039	22B-08829a 22B-08829b	None detected 2% Chrysotile	93 (mastic)	Nonfriable
Room 310 under carpet	9" White floor tile with small black marks	22SB-1040	22B-08830	Stopped analysis	93	Nonfriable
Room 311 under carpet	9" Green floor tile with light tan and dark streaks	22SB-1041	22B-09497a 22B-09497b	4% Chrysotile 3% Chrysotile	94 (mastic)	Nonfriable
Room 312 under carpet	9" Green floor tile with light tan and dark streaks	22SB-1042	22B-09498	Stopped analysis	94	Nonfriable
Room 312 under carpet	9" Dark red floor tile	22SB-1043	22B-09499a 22B-09499b	5% Chrysotile 3% Chrysotile	95 (mastic)	Nonfriable
Room 313 under carpet	9" Dark red floor tile	22SB-1044	22B-09500	Stopped analysis	95	Nonfriable
Room 312 under floor tile	Black felt with black mastic	22SB-1045	22B-09501	None detected	96	Nonfriable
Room 313 under floor tile	Black felt with black mastic	22SB-1046	22B-09502	None detected	96	Nonfriable
Room 325 ceiling	2' x 4' Ceiling tile with random small cuts and pin holes	22SB-1047	22B-09503	None detected	97	Friable
Room 325 ceiling	2' x 4' Ceiling tile with random small cuts and pin holes	22SB-1048	22B-09504	None detected	97	Friable
Room 326 above ceiling tile	12" Glued-on ceiling tile with parallel slots	22SB-1049	22B-09505	None detected	98	Friable
Room 326 above ceiling tile	12" Glued-on ceiling tile with parallel slots	22SB-1050	22B-09506	None detected	98	Friable
<i>The following samples were collected from the Fourth Floor</i>						
Room 401 south wall	Rough hard plaster	22SB-820	22B-08367	None detected	3	Nonfriable

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<i>Fourth Floor continued</i>						
Room 408 east wall at column behind drywall	Smooth hard plaster top coat	22SB-834	22B-08381	None detected	7	Nonfriable
Room 408 east wall at column behind drywall	Smooth hard plaster base coat	22SB-841	22B-08388	None detected	8	Nonfriable
Room 401 floor	Light weight concrete fill	22SB-1007	22B-08797	0.25% Chrysotile*	78	Nonfriable
Room 401 floor	Brown floor sealant	22SB-1009	22B-08799	None detected	79	Nonfriable
Room 404 corner of room 405 above ceiling tile	Drywall	22SB-1051	22B-09507	None detected	99	Nonfriable
Room 404 corner of room 405 above ceiling tile	Joint compound	22SB-1052	22B-09508	None detected	100	Nonfriable
Room 404 corner of room 405 above ceiling tile	Drywall and joint compound (composite)	22SB-1053	22B-09509	None detected	99, 100	Nonfriable
Room 408 east wall at column south of door	Drywall	22SB-1054	22B-09510	None detected	99	Nonfriable
Room 408 east wall at column south of door	Joint compound	22SB-1055	22B-09511	None detected	100	Nonfriable
Room 408 east wall at column south of door	Drywall and joint compound (composite)	22SB-1056	22B-09512	None detected	99, 100	Nonfriable
Room 408 under carpet and wood plank floor between wood joists	Gray gravel fill material	22SB-1057	22B-09513	None detected	101	Friable
Room 408 under carpet and wood plank floor between wood joists	Gray gravel fill material	22SB-1058	22B-09514	None detected	101	Friable
<i>The following samples were collected from the Fifth Floor</i>						
Room 503	Drywall	22SB-1059	22B-09515	None detected	102	Nonfriable
Room 503	Joint compound	22SB-1060	22B-09516	None detected	103	Nonfriable
Room 503	Drywall and joint compound (composite)	22SB-1061	22B-09517	None detected	102, 103	Nonfriable
Room 500 south wall at door	Drywall	22SB-1062	22B-10181	None detected	102	Nonfriable
Room 500 south wall at door	Joint compound	22SB-1063	22B-10182	None detected	103	Nonfriable
Room 500 south wall at door	Drywall and joint compound (composite)	22SB-1064	22B-10183	None detected	102, 103	Nonfriable
Room 504 ceiling	2' x 2' White ceiling tile with deep small cuts and random pin holes	22SB-1065	22B-09518	None detected	104	Friable

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<i>Fifth Floor continued</i>						
Room 506 ceiling	2' x 2' White ceiling tile with deep small cuts and random pin holes	22SB-1066	22B-09519	None detected	104	Friable
<i>The following samples were collected from the Sixth Floor</i>						
Room 601 west wall chase at elevator	Rough hard plaster	22MS-500	22B-10184	None detected	3	Nonfriable
Room 602	Drywall	22MS-501	22B-10185	None detected	105	Nonfriable
Room 602	Joint compound	22MS-502	22B-10186	None detected	106	Nonfriable
Room 602	Drywall and joint compound (composite)	22MS-503	22B-10187	None detected	105, 106	Nonfriable
Room 610	12" Glued-on ceiling tile with fissures	22MS-504	22B-10188	None detected	107	Friable
Room 610 above ceiling tile	Ceiling tile glue dots	22MS-505	22B-10189	None detected	37	Nonfriable
Room 620	Drywall	22MS-506	22B-10190	None detected	105	Nonfriable
Room 620	Joint compound	22MS-507	22B-10191	None detected	106	Nonfriable
Room 620	Drywall and joint compound (composite)	22MS-508	22B-10192	None detected	105, 106	Nonfriable
Room 618	Smooth hard plaster topcoat	22MS-509	22B-10193	None detected	7	Nonfriable
Room 618	Smooth hard plaster basecoat	22MS-510	22B-10194	None detected	8	Nonfriable
<i>The following samples were collected from the Seventh Floor</i>						
Room 701 south wall	Rough hard plaster	22SB-821	22B-08368	None detected	3	Nonfriable
Room 702 restroom south wall	Smooth hard plaster top coat	22SB-835	22B-08382	None detected	7	Nonfriable
Room 702 south wall	Smooth hard plaster base coat	22SB-842	22B-08389	None detected	8	Nonfriable
North room across from room 704	Drywall	22MS-511	22B-10195	None detected	108	Nonfriable
North room across from room 704	Joint compound	22MS-512	22B-10196	None detected	109	Nonfriable
North room across from room 704	Drywall and joint compound (composite)	22MS-513	22B-10197	None detected	108, 109	Nonfriable
Northwest corner room on corner column	Smooth hard plaster topcoat	22MS-514	22B-10198	None detected	7	Nonfriable
Northwest corner room on corner column	Smooth hard plaster basecoat	22MS-515	22B-10199	None detected	8	Nonfriable

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<i>Seventh Floor continued</i>						
Southeast corner room	Drywall	22MS-516	22B-10200	None detected	108	Nonfriable
Southeast corner room	Joint compound	22MS-517	22B-10201	None detected	109	Nonfriable
Southeast corner room	Drywall and joint compound (composite)	22MS-518	22B-10202	None detected	108, 109	Nonfriable
<i>The following samples were collected from the Eighth Floor</i>						
North mechanical room	Drywall	22MS-519	22B-10444	None detected	110	Nonfriable
North mechanical room	Joint compound	22MS-520	22B-10445	None detected	111	Nonfriable
North mechanical room	Drywall and joint compound (composite)	22MS-521	22B-10446	None detected	110, 111	Nonfriable
IT room	Drywall	22MS-522	22B-10447	None detected	110	Nonfriable
IT room	Joint compound	22MS-523	22B-10448	None detected	111	Nonfriable
IT room	Drywall and joint compound (composite)	22MS-524	22B-10449	None detected	110, 111	Nonfriable
Southwest office ceiling	Smooth hard plaster topcoat	22MS-525	22B-10450	None detected	7	Nonfriable
Southwest office ceiling	Smooth hard plaster basecoat	22MS-526	22B-10451	None detected	8	Nonfriable
<i>The following samples were collected from the Ninth Floor</i>						
Room 901 elevator lobby ceiling	Smooth hard plaster top coat	22SB-836	22B-08383	None detected	7	Nonfriable
Room 901 elevator lobby ceiling	Smooth hard plaster base coat	22SB-843	22B-08390	None detected	8	Nonfriable
North end	Drywall	22MS-527	22B-10452	None detected	112	Nonfriable
North end	Joint compound	22MS-528	22B-10453	None detected	113	Nonfriable
North end	Drywall and joint compound (composite)	22MS-529	22B-10454	None detected	112, 113	Nonfriable
West central	Drywall	22MS-530	22B-10455	None detected	112	Nonfriable
West central	Joint compound	22MS-531	22B-10456	None detected	113	Nonfriable
West central	Drywall and joint compound (composite)	22MS-532	22B-10457	None detected	112, 113	Nonfriable
West central on column	Smooth hard plaster topcoat	22MS-533	22B-10458	None detected	7	Nonfriable
West central on column	Smooth hard plaster basecoat	22MS-534	22B-10459	None detected	8	Nonfriable
<i>The following samples were collected from the Tenth Floor</i>						
North end	Drywall	22MS-535	22B-10460	None detected	114	Nonfriable

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Sample Location	Sample Description	Sample ID No.	Lab ID No.	Asbestos Content	* Homogeneous Area #	Friable/ Nonfriable
<i>Tenth Floor continued</i>						
North end	Joint compound	22MS-536	22B-10461	None detected	115	Nonfriable
North end	Drywall and joint compound (composite)	22MS-537	22B-10462	None detected	114, 115	Nonfriable
Southeast end	Drywall	22MS-538	22B-10463	None detected	114	Nonfriable
Southeast end	Joint compound	22MS-539	22B-10464	None detected	115	Nonfriable
Southeast end	Drywall and joint compound (composite)	22MS-540	22B-10465	None detected	114, 115	Nonfriable
North end	Vermiculite wall fill	22MS-541	22B-10466	5% Chrysotile	116	Friable
North end	Vermiculite wall fill	22MS-542	22B-10467	Stopped analysis	116	Friable
Southeast end	Smooth hard plaster topcoat	22MS-543	22B-10468	None detected	7	Nonfriable
Southeast end	Smooth hard plaster basecoat	22MS-544	22B-10469	None detected	8	Nonfriable
South mechanical room	Rough hard plaster	22MS-545	22B-10470	None detected	3	Nonfriable
<i>The following sample was collected from the Eleventh Floor</i>						
Room 1101 south wall	Rough hard plaster	22SB-822	22B-08369	None detected	3	Nonfriable
<i>The following samples were collected from the Twelfth Floor</i>						
Central stairwell south wall	Smooth hard plaster top coat	22SB-837	22B-08384	None detected	7	Nonfriable
Central stairwell south wall	Smooth hard plaster base coat	22SB-844	22B-08391	None detected	8	Nonfriable

*** Homogeneous area number descriptions (bold type indicates asbestos-containing material)**

*Denotes that the asbestos content was verified with point counting

1 - White fire brick

2 - Aircell-paper pipe insulation

3 - Rough hard plaster

4 - 2' x 4' Ceiling tile with random cuts and pin holes

5 - Preformed-block pipe insulation

6 - Layered-paper pipe insulation

7 - Smooth hard plaster top coat

8 - Smooth hard plaster base coat

9 - Drywall

10 - Joint compound

11 - Brown adhesive under covebase

12 - Pale yellow carpet adhesive

13 - Black sink undercoating

14 - Brown adhesive under stair tread

15 - 2' x 2' Off-white ceiling tile with very rough texture

16 - 2' x 2' White ceiling tile with very rough texture

17 - 2' x 2' Off-white ceiling tile with bumpy surface

18 - 2' x 4' White ceiling tile with parallel fissures

19 - Cementitious fitting insulation between sections of fiberglass pipe insulation - domestic water

20 - Paper heat shield in light fixture

**PLM BULK SAMPLE DATA SUMMARY TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

- 21 - Cork pipe insulation with black coating
- 22 - Cementitious fitting insulation between sections of fiberglass pipe insulation - chiller supply large fitting**
- 23 - Cementitious fitting insulation between sections of fiberglass pipe insulation - yellow condensate return pipe small diameter pipe**
- 24 - Cementitious fitting insulation between sections of fiberglass pipe insulation - yellow condensate return pipe large diameter pipe
- 25 - Cementitious fitting insulation between sections of fiberglass pipe insulation - steam supply**
- 26 - Boiler breeching insulation**
- 27 - Cementitious boiler door insulation**
- 28 - Cloth gaskets on end of boiler
- 29 - Troweled on fireproofing
- 30 - Caulk sealant between fiberglass pipe insulation and fittings
- 31 - 1' x 2' White splined ceiling tile with deep fissures
- 32 - 12" Off-white stapled on ceiling tile with bumpy surface
- 33 - 12" White splined ceiling tile with parallel fissures
- 34 - Not used
- 35 - Drywall
- 36 - Joint compound
- 37 - Dark brown glue dots**
- 38 - Light tan adhesive
- 39 - Aircell-paper board insulation**
- 40 - 12" White ceiling tile with flat surface
- 41 - 12" Red floor tile with old ornamental pattern**
- 42 - Tan adhesive
- 43 - Sheet flooring with 6" floor tile design
- 44 - Black sheet flooring
- 45 - 2' x 4' Ceiling tile with random cuts, pin holes and 2' x 2' design
- 46 - Tan duct seam sealant
- 47 - 12" Light tan floor tile with gray marks
- 48 - Tan adhesive
- 49 - 2' x 2' Brown drywall type ceiling tile
- 50 - 2' x 2' Black ceiling tile with random pin holes
- 51 - 12" Blue / gray mottled floor tile
- 52 - Yellow adhesive
- 53 - 2' x 2' White ceiling tile with sandpaper texture
- 54 - 12" x 12" Ceiling tile with wide parallel fissures
- 55 - Not used
- 56 - Dark gray duct seam sealant
- 57 - 12" Mottled off-white and gray floor tile
- 58 - Light gray spray-applied fireproofing
- 59 - 12" Self adhesive floor tile with black marble design
- 60 - Light gray floor leveling compound
- 61 - Drywall
- 62 - Joint compound
- 63 - Tan adhesive
- 64 - Light tan covebase adhesive
- 65 - Laminate flooring with gray wood plank design
- 66 - Off-white sink undercoating
- 67 - 12" Light cream floor tile with parallel brown indentations
- 68 - Black mastic
- 69 - 12" Off-white floor tile with gray marks
- 70 - Tan adhesive and gray floor leveling compound
- 71 - 12" Mottled off-white and brown floor tile
- 72 - Tan adhesive
- 73 - 12" Light brown floor tile**
- 74 - Black mastic**
- 75 - Cementitious fitting insulation between sections of fiberglass pipe insulation
- 76 - Unknown resilient flooring with black felt backing
- 77 - Resilient flooring with dark gray slate design and cloth backing
- 78 - Light weight concrete fill

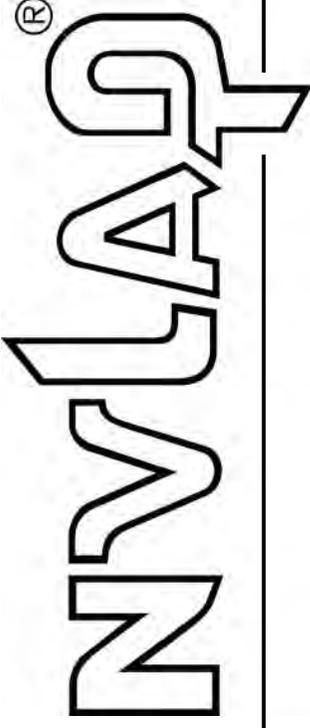
**PLM BULK SAMPLE DATA SUMMARY TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

- 79 - Brown floor tile sealant
- 80 - Drywall
- 81 - Joint compound
- 82 - White heat shield material**
- 83 - 2' x 2' White ceiling tile with parallel fissures and random pin holes
- 84 - 12" Off-white floor tile with wide beige marks
- 85 - 12" White floor tile
- 86 - Brown adhesive
- 87 - 9" Off-white floor tile with marble design**
- 88 - Gray floor leveling compound
- 89 - White floor leveling compound
- 90 - Old red resilient flooring with black felt backing
- 91 - Old red sheet floor flooring with cloth backing
- 92 - Gray fiberboard sub flooring
- 93 - 9" White floor tile with small black marks**
- 94 - 9" Green floor tile with light tan and dark streaks**
- 95 - 9" Dark red floor tile**
- 96 - Black felt with black mastic
- 97 - 2' x 4' Ceiling tile with random small cuts and pin holes
- 98 - 12" Glued-on ceiling tile with parallel slots
- 99 - Drywall
- 100 - Joint compound
- 101 - Gray gravel fill material
- 102 - Drywall
- 103 - Joint compound
- 104 - 2' x 2' White ceiling tile with deep small cuts and random pin holes
- 105 - Drywall
- 106 - Joint compound
- 107 - 12" Glued-on ceiling tile with fissures
- 108 - Drywall
- 109 - Joint compound
- 110 - Drywall
- 111 - Joint compound
- 112 - Drywall
- 113 - Joint compound
- 114 - Drywall
- 115 - Joint compound
- 116 - Vermiculite wall fill**

Attachment 3

ANALYTICAL LABORATORY NVLAP ACCREDITATION CERTIFICATE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200718-0

Pinnacle Consultants, LLC

Nitro, WV

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

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2021-07-01 through 2022-06-30

Effective Dates



A handwritten signature in black ink, appearing to read "Peter S. Lamm".

For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Pinnacle Consultants, LLC

10 Independent Avenue

Nitro, WV 25143

Ms. Miranda Reedy

Phone: 304-757-5204 Fax: 304-757-5205

Email: miranda.reedy@pinnaclecorp.net

<http://www.pinnaclecorp.net>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200718-0

Bulk Asbestos Analysis

Code

Description

18/A01

EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

Attachment 4

LABORATORY REPORTS AND SAMPLE CHAIN-OF-CUSTODIES



10 INDEPENDENT AVENUE
 NITRO, WV 25143
 PHONE 304.757.5204
 FAX 304.440.3465
 www.pinnaclecorp.net

ASBESTOS IDENTIFICATION BY POLARIZED LIGHT MICROSCOPY ANALYSIS

Attn: Chris Belcher
 Pinnacle Environmental Consultants, Inc.
 486 Old State Route 74
 Cincinnati, OH 45244

Client Project/PO#: 22-0064
 PC Project #:
 Received Date: 4/8/2022
 Analysis Date: 4/11-12/2022

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-811	22B-08358		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 3 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 97 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-812	22B-08359		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-813	22B-08360		Grey
Texture/Description:	Solid/	Chrysotile: 40%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	40 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 25%	Filler/Binder: 35 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-814	22B-08361	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-815	22B-08362	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-816	22B-08363		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-817	22B-08364		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-818	22B-08365		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-819	22B-08366		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-820	22B-08367		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-821	22B-08368		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 8%	Filler/Binder: 92 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-822	22B-08369		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 5%	Filler/Binder: 95 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-823	22B-08370		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 45 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-824	22B-08371		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 55 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 45 %

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-825	22B-08372		White/Black
Texture/Description:	Solid/	Chrysotile: 15%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	25 %	Amosite: 10%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 20%	Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-826	22B-08373	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-827	22B-08374	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-828	22B-08375		Brown/White
Texture/Description:	Solid/	Chrysotile: 5%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	5 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 75 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 20 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-829	22B-08376	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-830	22B-08377	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-831	22B-08378		White
Texture/Description:	Solid/	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-832	22B-08379		White
Texture/Description:	Solid/	Chrysotile: 0%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-833	22B-08380		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-834	22B-08381		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-835	22B-08382		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 3 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 97 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-836	22B-08383		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-837	22B-08384		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 5 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 95 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-838	22B-08385		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 8%	Filler/Binder: 92 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-839	22B-08386		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 10%	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-840	22B-08387		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-841	22B-08388		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 5%	Filler/Binder: 95 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-842	22B-08389		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-843	22B-08390		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 2%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-844	22B-08391		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-845	22B-08392		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 20 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-846	22B-08393		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-847	22B-08394		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-848	22B-08395		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 25 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 75 %

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-849	22B-08396		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-850	22B-08397		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 20 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-851	22B-08398		Brown/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-852	22B-08399		Brown/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-853	22B-08400		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 3%	Filler/Binder: 97 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-854	22B-08401		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 4%	Filler/Binder: 96 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-855	22B-08402		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-856	22B-08403	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:		Others:	Filler/Binder:

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-857	22B-08404		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-858	22B-08405		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-859	22B-08406		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 45%	Others: 0%	Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-860	22B-08407		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 35%	Others: 0%	Filler/Binder: 65 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-861	22B-08408		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 25 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-862	22B-08409		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 33 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 67 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-863	22B-08410		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 20 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-864	22B-08411		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 25 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 75 %

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-865	22B-08412		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 67 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 33 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-866	22B-08413		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 75 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 25 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-867	22B-08414		White
Texture/Description:	Solid/	Chrysotile: 5 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	5 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 25%	Filler/Binder: 70 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-868	22B-08415	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-869	22B-08416	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-870	22B-08417		White
Texture/Description:	Solid/	Chrysotile: 67%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	67 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 33 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-871	22B-08418	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-872	22B-08419		Black/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-873	22B-08420		Black/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-874	22B-08421		Black/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-875	22B-08422		Grey
Texture/Description:	Solid/	Chrysotile: 8 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	8 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 25%	Filler/Binder: 67 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-876	22B-08423	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-877	22B-08424	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-878	22B-08425		Grey
Texture/Description:	Solid/	Chrysotile: 10%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	10 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 30%	Filler/Binder: 60 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-879	22B-08426	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-880	22B-08427	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-881	22B-08428		Yellow/Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 20%	Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-882	22B-08429		Yellow/Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 16%	Filler/Binder: 84 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-883	22B-08430		Yellow/Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 18%	Filler/Binder: 82 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-884	22B-08431		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	8 %	Amosite: 8%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 92 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-885	22B-08432	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-886	22B-08433	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-887	22B-08434		White
Texture/Description:	Solid/	Chrysotile: 15%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	15 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-888	22B-08435	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22SB-889	22B-08436	STOPPED ANALYSIS		
Texture/Description: /		Chrysotile:	Tremolite:	Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite:	Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22SB-890	22B-08437		Brown	
Texture/Description: Solid/		Chrysotile: 25%	Tremolite: 0%	Anthophyllite: 0%
TOTAL ASBESTOS:	25 %	Amosite: 0%	Actinolite: 0%	Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 75 %	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22SB-891	22B-08438	STOPPED ANALYSIS		
Texture/Description: /		Chrysotile:	Tremolite:	Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite:	Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22SB-892	22B-08439	STOPPED ANALYSIS		
Texture/Description: /		Chrysotile:	Tremolite:	Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite:	Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22SB-893	22B-08440		White	
Texture/Description: Fibrous/		Chrysotile: 0 %	Tremolite: 0%	Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0%	Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 100%	Others: 0%	Filler/Binder: 0 %	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22SB-894	22B-08441		White	
Texture/Description: Fibrous/		Chrysotile: 0 %	Tremolite: 0%	Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0%	Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 100%	Others: 0%	Filler/Binder: 0 %	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22SB-895	22B-08442		Brown	
Texture/Description: Solid/		Chrysotile: 0 %	Tremolite: 0%	Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0%	Crocidolite: 0%
Cellulose: 7 %	Fiber Glass: 8%	Others: 0%	Filler/Binder: 85 %	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22SB-896	22B-08443		Brown	
Texture/Description: Solid/		Chrysotile: 0 %	Tremolite: 0%	Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0%	Crocidolite: 0%
Cellulose: 5 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 85 %	

RE: Model Group - Mercantile Library Building, 414 Walnut St. Cinti, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-897	22B-08444		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 3 %	Fiber Glass: 12%	Others: 0%	Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-898	22B-08445		White/Silver
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 12%	Others: 0%	Filler/Binder: 88 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-899	22B-08446		White/Silver
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 16%	Others: 0%	Filler/Binder: 84 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-900	22B-08447		White/Silver
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 15%	Others: 0%	Filler/Binder: 85 %

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials and apply to the sample as received. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Analyzed by: Casey Brown
Casey Brown

Reviewed by: Miranda Heady



500B Prestige Park Drive
Hurricane, West Virginia 25526
Tel: 304-757-5204
Fax: 304-757-5204
Web: www.pinnaclecorp.net

Company Name: <u>Pinnacle Environmental Consultants, Inc.</u>	TURNAROUND TIME REQUESTED Emergency Rush <input type="checkbox"/> 2-Day <input checked="" type="checkbox"/> Same Day (4 hours) <input type="checkbox"/> 3-5 Day <input type="checkbox"/> Next Day (24 Hours) <input type="checkbox"/>
Address: <u>486 Old State Route 74</u>	
City State Zip: <u>Cincinnati, OH 45244</u>	
Phone: <u>(513) 533-1823</u>	
Email: <u>sbrenner@pinnacleinc.biz</u>	

TYPE OF ANALYSIS REQUESTED		
ASBESTOS PCM (Air Samples) <input type="checkbox"/> PLM (Bulk Samples) <input checked="" type="checkbox"/> TEM Analysis <input type="checkbox"/> Point Count (If Applicable) <input type="checkbox"/> Analyze to Positive <input type="checkbox"/>	FUNGAL SPORE Spore Trap (Air) <input type="checkbox"/> Direct Exam (Tape) <input type="checkbox"/>	LEAD XRF <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Chips <input type="checkbox"/>

Bill To If Different: Address: <u>486 Old State Route 74</u> City State Zip: <u>Cincinnati, OH 45244</u> Alt. Email: _____	Comments/Instructions: <u>STOP AT FIRST POSITIVE - SEE BELOW</u>
---	--

PAID BY: Cash Card Check

Project ID: <u>22-0064</u>	PO Number: _____
Sampling Date/Time: <u>8/4 → 8/7/22</u>	Sampled By: <u>STEVE BRENNER</u>
Project Description/Location: <u>MODEL GROUP - MERCANTILE LIBRARY BUILDING 414 WALNUT ST. CINTI, OH.</u>	

Sample ID	Description	Comments	Lab ID
22SB-	811 → 900		22B-08358
	* STOP AT FIRST >1% ON THE FOLLOWING:		↑
	• 811 → 812 • 813 → 815		22B-08447
	• 816 → 822 • 823 → 824		
	• 825 → 827 • 828 → 830		
	• 831 → 837 • 838 → 844		
	• 851 → 852 • 853 → 854		
	• 855 → 856 • 857 → 858		
	• 859 → 860 • 861 → 862		
	• 863 → 864 • 865 → 866		
	• 867 → 869 • 870 → 871		
	• 872 → 874 • 875 → 877		
	• 878 → 880 • 881 → 883		
	• 884 → 886 • 887 → 889		
	• 890 → 892 • 893 → 894		
	• 895 → 897 • 898 → 900		

Relinquished By: SB Date: 4/7/22 Laboratory Use: _____
 Received By: _____ Date: _____
 Relinquished By: _____ Date: _____
 Received By: Miranda Hooley Date: 4/8/22



10 INDEPENDENT AVENUE
 NITRO, WV 25143
 PHONE 304.757.5204
 FAX 304.440.3465
 www.pinnaclecorp.net

ASBESTOS IDENTIFICATION BY POLARIZED LIGHT MICROSCOPY ANALYSIS

Attn: Chris Belcher
 Pinnacle Environmental Consultants, Inc.
 486 Old State Route 74
 Cincinnati, OH 45244

Client Project/PO#: 22-0064
 PC Project #:
 Received Date: 4/14/2022
 Analysis Date: 4/14-15/2022

RE: Model Group - Mercantile Library Bldg 414 Walnut St. Cincinnati, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-901	22B-08691		Beige/White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 30 %	Fiber Glass: 10%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 60 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-902	22B-08692		Beige/White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 30 %	Fiber Glass: 10%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 60 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-903	22B-08693		Brown/White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 35 %	Fiber Glass: 15%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 50 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-904	22B-08694		Brown/White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 35 %	Fiber Glass: 15%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 50 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-905	22B-08695		Brown/White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 90 %	Fiber Glass: 0%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 10 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-906	22B-08696		Brown/White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 90 %	Fiber Glass: 0%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 10 %

RE: Model Group - Mercantile Library Bldg 414 Walnut St. Cincinnati, OH

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-907	22B-08697		Brown
Texture/Description:	Solid/	Chrysotile: 2 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	2 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-908	22B-08698		Brown
Texture/Description:	Solid/	Chrysotile: 2 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	2 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-909	22B-08699		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 14 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 86 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-910	22B-08700		White
Texture/Description:	Solid/	Chrysotile: 2 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	2 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-911	22B-08701		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-912	22B-08702	MISSING SAMPLE	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-913	22B-08703	MISSING SAMPLE	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-914	22B-08704	MISSING SAMPLE	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-915	22B-08705		Black
Texture/Description:	Solid/	Chrysotile: 20%	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	20 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-916	22B-08706	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-917	22B-08707		Yellow
Texture/Description:	Solid/	Chrysotile: 0%	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-918	22B-08708		Yellow
Texture/Description:	Solid/	Chrysotile: 0%	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-919	22B-08709		Grey
Texture/Description:	Solid/	Chrysotile: 80%	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	80 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 20 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-920	22B-08710	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-921	22B-08711	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-922	22B-08712		Brown/White
Texture/Description:	Solid/	Chrysotile: 0%	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 90 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 10 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-923	22B-08713		Brown/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 90 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 10 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-924	22B-08714		Red
Texture/Description:	Solid/	Chrysotile: 2 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	2 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-925	22B-08715	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-926	22B-08716		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-927	22B-08717		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-928	22B-08718		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 10 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-929	22B-08719		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 10 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-930	22B-08720		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 65 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-931	22B-08721		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 65 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-932	22B-08722		Beige/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 5 %	Others: 0 %	Filler/Binder: 60 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-933	22B-08723		Beige/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 5 %	Others: 0 %	Filler/Binder: 60 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-934	22B-08724		Tan
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-935	22B-08725		Tan
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-936	22B-08726		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-937	22B-08727		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-938	22B-08728		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-939	22B-08729		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-940	22B-08730		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 60 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 40 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-941	22B-08731		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 60 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 40 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-942	22B-08732		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 40 %	Others: 0 %	Filler/Binder: 60 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-943	22B-08733		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 40 %	Others: 0 %	Filler/Binder: 60 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-944	22B-08734		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-945	22B-08735		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-946	22B-08736		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-947	22B-08737		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-948	22B-08738		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 4 %	Others: 0 %	Filler/Binder: 61 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-949	22B-08739		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 4 %	Others: 0 %	Filler/Binder: 61 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-950	22B-08740		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 60 %	Others: 0 %	Filler/Binder: 40 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-951	22B-08741		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 60 %	Others: 0 %	Filler/Binder: 40 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-952	22B-08742		Yellow/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-953	22B-08743		Yellow/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-954	22B-08744		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-955	22B-08745		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-956	22B-08746		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-957	22B-08747		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-958	22B-08748		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-959	22B-08749		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-960	22B-08750		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-961	22B-08751		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-962	22B-08752		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-963	22B-08753		Grey/Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-964	22B-08754		Grey/Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-965	22B-08755		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-966	22B-08756		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 3 %	Fiber Glass: 10 %	Others: 0 %	Filler/Binder: 87 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-967	22B-08757		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 3 %	Fiber Glass: 10 %	Others: 0 %	Filler/Binder: 87 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-968	22B-08758		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 3 %	Fiber Glass: 14 %	Others: 0 %	Filler/Binder: 83 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-969	22B-08759		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-970	22B-08760		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 4 %	Fiber Glass: 16 %	Others: 0 %	Filler/Binder: 80 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-971	22B-08761		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-972	22B-08762		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-973	22B-08763		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-974	22B-08764		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-975	22B-08765		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-976	22B-08766		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-977	22B-08767		Cream
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 15 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-978	22B-08768		Cream
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 15 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 85 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-979	22B-08769		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-980	22B-08770		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-981	22B-08771		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 12%	Others: 0%	Filler/Binder: 73 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-982	22B-08772		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 12%	Others: 0%	Filler/Binder: 73 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-983	22B-08773		Cream
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 6 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 94 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-984	22B-08774		Cream
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 6 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 94 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-985	22B-08775		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-986	22B-08776		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-987	22B-08777		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-988	22B-08778		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-989	22B-08779		Grey/Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-990	22B-08780		Grey/Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-991	22B-08781		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-992	22B-08782		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-993	22B-08783		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-994	22B-08784		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-995	22B-08785		Brown
Texture/Description:	Solid/	Chrysotile: 2 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	2 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-996	22B-08786	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-997	22B-08787		Black
Texture/Description:	Solid/	Chrysotile: 2 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	2 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 3 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 95 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-998	22B-08788	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-999	22B-08789		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 6 %	Fiber Glass: 40%	Others: 0%	Filler/Binder: 54 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1000	22B-08790		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 6 %	Fiber Glass: 40%	Others: 0%	Filler/Binder: 54 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1001	22B-08791		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 6 %	Fiber Glass: 40%	Others: 0%	Filler/Binder: 54 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1002	22B-08792		Tan
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 35 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 65 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1003	22B-08793		Tan
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 65 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1004	22B-08794		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 6 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 94 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1005	22B-08795		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 8 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 92 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1006	22B-08796		Beige/Grey
Texture/Description:	Solid/	Chrysotile: 2 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	2 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 10 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 88 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1007	22B-08797		Beige/Grey
Texture/Description:	Solid/	Chrysotile: 2 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	2 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 10 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 88 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1008	22B-08798		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1009	22B-08799		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1010	22B-08800		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 10 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 90 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1011	22B-08801		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1012	22B-08802		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 8 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 92 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1013	22B-08803		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 8 %	Fiber Glass: 2 %	Others: 0 %	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1014	22B-08804		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1015	22B-08805		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 8 %	Fiber Glass: 2 %	Others: 0 %	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1016	22B-08806		White
Texture/Description:	Solid/	Chrysotile: 80 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	80 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 20 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1017	22B-08807	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1018	22B-08808	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1019	22B-08809		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 25 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 65 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1020	22B-08810		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 25 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 65 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1021	22B-08811		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1022	22B-08812		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1023	22B-08813		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1024	22B-08814		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1025	22B-08815		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 10 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1026	22B-08816		Yellow
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 10 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 90 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1027	22B-08817a		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1027	22B-08817b		Black
Texture/Description:	Solid/Mastic	Chrysotile: 2 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	2 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1028	22B-08818	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1029	22B-08819		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1030	22B-08820		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1031	22B-08821		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1032	22B-08822		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1033	22B-08823		Red
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 35 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 65 %

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CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1034	22B-08824		Red
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 65 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1035	22B-08825		Red
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 15 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1036	22B-08826		Red
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 15 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1037	22B-08827		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 65 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1038	22B-08828		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 35 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 65 %

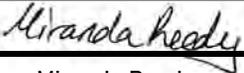
CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1039	22B-08829a		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1039	22B-08829b		Black
Texture/Description:	Solid/Mastic	Chrysotile: 2 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	2 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1040	22B-08830	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:		Others:	Filler/Binder:

RE: Model Group - Mercantile Library Bldg 414 Walnut St. Cincinnati, OH

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials and apply to the sample as received. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Analyzed by: 
Miranda Reedy



1000 Springs Parkway
Martinsburg, West Virginia 26010
Tel: 304-757-8200
Fax: 304-757-8204
Web: www.pinnacleenv.com

Company Name: <u>Pinnacle Environmental Consultants, Inc.</u>	TURNAROUND TIME REQUESTED
Address: <u>486 Old State Route 74</u>	Emergency Rush <input type="checkbox"/>
City/State/Zip: <u>Cincinnati, OH 45244</u>	2-Day <input checked="" type="checkbox"/>
Phone: <u>(513) 533-1823</u>	Same Day (4 hours) <input type="checkbox"/>
Email:	3-5 Days <input type="checkbox"/>
	Next Day (24 Hours) <input type="checkbox"/>

TYPE OF ANALYSIS REQUESTED

ASBESTOS PCM (Air Samples) <input type="checkbox"/> PLM (Bulk Samples) <input checked="" type="checkbox"/> TEM Analysis <input type="checkbox"/> Point Count (if Applicable) <input type="checkbox"/> Analyze to Positive <input checked="" type="checkbox"/> <u>SEE BELOW</u>	FUNGAL SPORE Spore Trap (Air) <input type="checkbox"/> Direct Exam. (Tape) <input type="checkbox"/>	LEAD XRF <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Tiles <input type="checkbox"/>
--	--	---

Bill To If Different: Address: <u>486 Old State Route 74</u> City/State/Zip: <u>Cincinnati, OH 45244</u> Alt. Email:	Comments/Instructions: <u>*STOP AT FIRST POSITIVE - SEE BELOW</u>
---	---

PAID BY: Cash Card Check

Project ID: <u>22-006A</u>	PO Number:
Sampling Date/Time: <u>4/11 → 13/22</u>	Sampled By: <u>S. BREWSTER</u>

Project Description/Location: MODEL GROUP - MERCANTILE LIBRARY BLDG
414 WALNUT ST., CINTI, OH

Sample ID	Description	Comments	Lab ID
<u>22SB-901 → 1040</u>			<u>22B-08691</u>
	<u>* STOP AT FIRST > 1% ON THE FOLLOWING:</u>		<u>↓</u>
<u>• 901-902</u>	<u>• 903-904</u>	<u>• 905-906</u>	<u>22B-08830</u>
<u>• 907-908</u>	<u>• 915-916</u>	<u>• 917-918</u>	
<u>• 919-921</u>	<u>• 922-923</u>	<u>• 924-925</u>	
<u>• 926-927</u>	<u>• 928-929</u>	<u>• 930-931</u>	
<u>• 932-933</u>	<u>• 934-935</u>	<u>• 936-937</u>	
<u>• 938-939</u>	<u>• 940-941</u>	<u>• 942-943</u>	
<u>• 944-945</u>	<u>• 946-947</u>	<u>• 948-949</u>	
<u>• 950-951</u>	<u>• 952-953</u>	<u>• 954-955</u>	
<u>• 956-957</u>	<u>• 958-960 & 979-982</u>		
<u>• 961-962</u>	<u>• 963-964</u>	<u>• 971-972</u>	
<u>• 973-974</u>	<u>• 975-976</u>	<u>• 977-978</u>	
<u>• 983-984</u>	<u>• 985-986</u>	<u>• 987-988</u>	
<u>• 989-990</u>	<u>• 991-992</u>	<u>• 993-994</u>	
<u>• 995-996</u>	<u>• 997-998</u>	<u>• 999-1001</u>	
<u>• 1002-1003</u>	<u>• 1004-1005</u>	<u>• 1006-1007</u>	
<u>• 1008-1009</u>	<u>• 1016-1018</u>	<u>• 1019-1020</u>	
<u>• 1021-1022</u>	<u>• 1023-1024</u>	<u>• 1025-1026</u>	<u>• 1033-1034</u>
<u>• 1027-1028</u>	<u>• 1029-1030</u>	<u>• 1031-1032</u>	<u>• 1035-1036</u>
		<u>• 1037-1038</u>	<u>• 1039-1040</u>

Requisitioned By: [Signature] SB Date: 4/13/22 Laboratory Use:
 Received By: _____ Date: _____
 Analyzed By: _____ Date: _____
 Released By: [Signature] Date: 4/14/22



10 INDEPENDENT AVENUE
 NITRO, WV 25143
 PHONE: 304.757.5204
 FAX: 304.440.3564
 www.pinnaclecorp.net

ASBESTOS IDENTIFICATION BY POLARIZED LIGHT MICROSCOPY POINT COUNT ANALYSIS

Attn: Chris Belcher

Client Project #: 22-0064

Pinnacle Environmental Consultants, Inc.

PC Project #:

486 Old State Route 74

Received Date: 4/14/2022

Cincinnati, OH 45244

Analysis Date: 4/20/2022

RE: Model Group - Mercantile Library Bldg 414 Walnut St. Cincinnati, OH

CLIENT ID #	LAB ID #	PLM ANALYSIS		POINT COUNT ANALYSIS	
		% Asbestos	Type	% Asbestos	Type
22SB-907	22B-08697	2 %	Chrysotile	Trace	Chrysotile

CLIENT ID #	LAB ID #	PLM ANALYSIS		POINT COUNT ANALYSIS	
		% Asbestos	Type	% Asbestos	Type
22SB-908	22B-08698	2 %	Chrysotile	Trace	Chrysotile

CLIENT ID #	LAB ID #	PLM ANALYSIS		POINT COUNT ANALYSIS	
		% Asbestos	Type	% Asbestos	Type
22SB-910	22B-08700	2 %	Chrysotile	0.25%	Chrysotile

CLIENT ID #	LAB ID #	PLM ANALYSIS		POINT COUNT ANALYSIS	
		% Asbestos	Type	% Asbestos	Type
22SB-1006	22B-08796	2 %	Chrysotile	Trace	Chrysotile

CLIENT ID #	LAB ID #	PLM ANALYSIS		POINT COUNT ANALYSIS	
		% Asbestos	Type	% Asbestos	Type
22SB-1007	22B-08797	2 %	Chrysotile	0.25%	Chrysotile

Analytical Method Reference: Perkins, RL, 1989. "Point Counting Techniques for Friable Asbestos Containing Materials", Research Triangle Institute, Microscope, 1990, pp. 29-39. The sample(s) above were submitted for Point Count Verification analysis. NESHAP Standard, 40 CFR Part 61, Section 141, states that if asbestos is identified by Polarized Light Microscopy and the estimated quantity is less than 10% by visual estimation, the client may choose either of the following: 1.) Elect to assume the amount to be greater than 1% and treat the material as asbestos containing, or 2.) require verification of the quantity by point counting. TRACE is defined as no asbestos fibers being detected during the point count analysis. The results of this report should not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Analyzed by: Miranda Reedy
 Miranda Reedy



10 INDEPENDENT AVENUE
 NITRO, WV 25143
 PHONE 304.757.5204
 FAX 304.440.3465
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ASBESTOS IDENTIFICATION BY POLARIZED LIGHT MICROSCOPY ANALYSIS

Attn: Chris Belcher
 Pinnacle Environmental Consultants, Inc.
 486 Old State Route 74
 Cincinnati, OH 45244
 RE: Mercantile Bldg

Client Project/PO#: 22-0064
 PC Project #:
 Received Date: 4/20/2022
 Analysis Date: 4/22/2022

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1041	22B-09497a		Green
Texture/Description: Solid/Vinyl Like			
TOTAL ASBESTOS: 4 %			
Cellulose: 0 %	Fiber Glass: 0%	Chrysotile: 4 % Amosite: 0% Others: 0%	Tremolite: 0% Actinolite: 0% Crocidolite: 0% Filler/Binder: 96 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1041	22B-09497b		Black
Texture/Description: Solid/Mastic Like			
TOTAL ASBESTOS: 3 %			
Cellulose: 0 %	Fiber Glass: 0%	Chrysotile: 3 % Amosite: 0% Others: 0%	Tremolite: 0% Actinolite: 0% Crocidolite: 0% Filler/Binder: 97 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1042	22B-09498	STOPPED ANALYSIS	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>
Texture/Description: /			
TOTAL ASBESTOS: <div style="border: 1px solid black; width: 100px; height: 20px;"></div>			
Cellulose:	Fiber Glass:	Chrysotile: Amosite: Others:	Tremolite: Actinolite: Crocidolite: Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1043	22B-09499a		Brown
Texture/Description: Solid/Vinyl Like			
TOTAL ASBESTOS: 5 %			
Cellulose: 0 %	Fiber Glass: 0%	Chrysotile: 5 % Amosite: 0% Others: 0%	Tremolite: 0% Actinolite: 0% Crocidolite: 0% Filler/Binder: 95 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1043	22B-09499b		Black
Texture/Description: Solid/Mastic Like			
TOTAL ASBESTOS: 3 %			
Cellulose: 0 %	Fiber Glass: 0%	Chrysotile: 3 % Amosite: 0% Others: 0%	Tremolite: 0% Actinolite: 0% Crocidolite: 0% Filler/Binder: 97 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1044	22B-09500	STOPPED ANALYSIS	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>
Texture/Description: /			
TOTAL ASBESTOS: <div style="border: 1px solid black; width: 100px; height: 20px;"></div>			
Cellulose:	Fiber Glass:	Chrysotile: Amosite: Others:	Tremolite: Actinolite: Crocidolite: Filler/Binder:

RE: Mercantile Bldg

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1045	22B-09501		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 20 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1046	22B-09502		Black
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 18 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 82 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1047	22B-09503		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 35 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 65 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1048	22B-09504		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 33 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 67 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1049	22B-09505		Brown/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 67 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 33 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1050	22B-09506		Brown/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 75 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 25 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1051	22B-09507		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 20 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1052	22B-09508		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 5 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 95 %

RE: Mercantile Bldg

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1053	22B-09509		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 25 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1054	22B-09510		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 30 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 70 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1055	22B-09511		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 3 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 97 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1056	22B-09512		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 33 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 67 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1057	22B-09513		Brown/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 85 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 15 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1058	22B-09514		Brown/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 80 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 20 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1059	22B-09515		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 20 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB1060	22B-09516		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

RE: Mercantile Bldg

CLIENT ID #:	LAB ID #:
22SB1061	22B-09517

LOCATION:

COLOR:

White/Brown

Texture/Description: Solid/ Chrysotile: 0 % Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS: 0 % Amosite: 0% Actinolite: 0% Crocidolite: 0%
Cellulose: 15 % Fiber Glass: 0% Others: 0% Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:
22SB1065	22B-09518

LOCATION:

COLOR:

White

Texture/Description: Solid/ Chrysotile: 0 % Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS: 0 % Amosite: 0% Actinolite: 0% Crocidolite: 0%
Cellulose: 45 % Fiber Glass: 0% Others: 0% Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:
22SB1066	22B-09519

LOCATION:

COLOR:

White

Texture/Description: Solid/ Chrysotile: 0 % Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS: 0 % Amosite: 0% Actinolite: 0% Crocidolite: 0%
Cellulose: 55 % Fiber Glass: 0% Others: 0% Filler/Binder: 45 %

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials and apply to the sample as received. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Analyzed by: Casey Brown
Casey Brown

Reviewed by: Miranda Heady



10 Independent Avenue
 Nitro, West Virginia 25143
 Tel: 304-757-5204
 Fax: 304-757-5205
 Web: www.pinnaclecorp.net

Company Name: Pinnacle Environmental Consultants, Inc.	TURNAROUND TIME REQUESTED Same Day <input type="checkbox"/> 3-Day <input type="checkbox"/> 1-Day <input type="checkbox"/> 4-Day <input type="checkbox"/> 2-Day <input checked="" type="checkbox"/> 5-Day <input type="checkbox"/>
Contact Name: Mike Strine	
Address: 486 Old State Route 74	
City State Zip: Cincinnati, OH 45244	
Phone: 513.533.1823	
Email: mstrine@pinnacleinc.biz	
Special Request:	

TYPE OF ANALYSIS REQUESTED			
ASBESTOS PCM (Air Samples) <input type="checkbox"/> PLM (Bulk Samples) <input checked="" type="checkbox"/> TEM Analysis <input type="checkbox"/> Point Count (If Applicable) <input type="checkbox"/> Analyze to Positive <input type="checkbox"/>	FUNGAL SPORE Spore Trap (Air) <input type="checkbox"/> Direct Exam (Tape/Swab/Wipe) <input type="checkbox"/>	LEAD XRF <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Chips <input type="checkbox"/>	Comments/Instructions:
Bill To If Different: Address: City State Zip: Alt. Email:			

PAID BY: Cash Card Check

Project ID: 22-0069 PO Number:
 Sampling Date/Time: Sampled By: Steve Brenner
 Project Description/Location: Mercantile Bldg

Sample ID	Description	Comments	Lab ID
	Stop @ 1st 71%, per below		22R-09497
2258	1041, 1042		
	1043, 1044		
	1045, 1046		
	1047, 1048		
	1049, 1050		
	1051-1053		
	1054-1056		
	1057-1058		
	1059-1061		
	1065-1066		

Relinquished By: MW DSE Date: 9/11/22
 Received By: Cathy Brown Date: _____
 Time: _____

Laboratory Use: **RECEIVED**



10 INDEPENDENT AVENUE
 NITRO, WV 25143
 PHONE 304.757.5204
 FAX 304.440.3465
 www.pinnaclecorp.net

ASBESTOS IDENTIFICATION BY POLARIZED LIGHT MICROSCOPY ANALYSIS

Attn: Chris Belcher
 Pinnacle Environmental Consultants, Inc.
 486 Old State Route 74
 Cincinnati, OH 45244
 RE: Mercantile Library

Client Project/PO#: 22-0064
 PC Project #:
 Received Date: 4/28/2022
 Analysis Date: 4/28/2022

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1062	22B-10181		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 25 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1063	22B-10182		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22SB-1064	22B-10183		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 30 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 70 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS500	22B-10184		Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0 %	Others: 5 %	Filler/Binder: 95 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS501	22B-10185		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 15 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS502	22B-10186		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

RE: Mercantile Library

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS503	22B-10187		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 10 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS504	22B-10188		Tan/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 40%	Others: 0%	Filler/Binder: 60 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS505	22B-10189		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS506	22B-10190		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 45 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS507	22B-10191		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 8 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 92 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS508	22B-10192		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 33 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 67 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS509	22B-10193		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS510	22B-10194		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 3%	Filler/Binder: 97 %

RE: Mercantile Library

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS511	22B-10195		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 35 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 65 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS512	22B-10196		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS513	22B-10197		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 25 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS514	22B-10198		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS515	22B-10199		Brown/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS516	22B-10200		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 20 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS517	22B-10201		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS518	22B-10202		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 18 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 82 %

RE: Mercantile Library

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials and apply to the sample as received. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Analyzed by:


Casey Brown

Reviewed by:





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ASBESTOS IDENTIFICATION BY POLARIZED LIGHT MICROSCOPY ANALYSIS

Attn: Chris Belcher

Client Project/PO#:

Pinnacle Environmental Consultants, Inc.

PC Project #: 22-0064

486 Old State Route 74

Received Date: 4/29/2022

Cincinnati, OH 45244

Analysis Date: 4/29/2022

RE: Mercantile - Library Bldg

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS519	22B-10444		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 15 %	Fiber Glass: 5 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS520	22B-10445		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS521	22B-10446		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 8 %	Fiber Glass: 2 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS522	22B-10447		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 12 %	Fiber Glass: 3 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS523	22B-10448		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 100 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS524	22B-10449		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 10 %	Fiber Glass: 2 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 88 %

RE: Mercantile - Library Bldg

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS525	22B-10450		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS526	22B-10451		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 3%	Filler/Binder: 97 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS527	22B-10452		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 33 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 67 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS528	22B-10453		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS529	22B-10454		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 25 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS530	22B-10455		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 45 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS531	22B-10456		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS532	22B-10457		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 40 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 60 %

RE: Mercantile - Library Bldg

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS533	22B-10458		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS534	22B-10459		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 4%	Filler/Binder: 96 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS535	22B-10460		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 30 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 70 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS536	22B-10461		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS537	22B-10462		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 55 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 45 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS538	22B-10463		Green/White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 45 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS539	22B-10464		Green/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS540	22B-10465		Green/White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 40 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 60 %

RE: Mercantile - Library Bldg

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS541	22B-10466		Gold/Silver
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 5% Anthophyllite: 0%
TOTAL ASBESTOS:	5 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 95 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS542	22B-10467	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS543	22B-10468		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS544	22B-10469		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 3 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 97 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MS545	22B-10470		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 5%	Filler/Binder: 95 %

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials and apply to the sample as received. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Analyzed by: Casey Brown
Casey Brown

Reviewed by: Miranda Healy

Attachment 5

INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>The following homogeneous areas are located in the Pit Area Level</i>					
P5 storage (overhead)	Aircell-paper pipe insulation	2	TSI	10 lf	RACM-Friable
P7 storage (overhead)	Aircell-paper pipe insulation	2	TSI	25 lf	RACM-Friable
<i>The following homogeneous areas are located in the Basement</i>					
Women's restroom B1 (above ceiling tile)	Preformed-block pipe insulation	5	TSI	45 lf	RACM-Friable
Women's restroom B1 (above ceiling tile)	Layered-paper pipe insulation	6	TSI	20 lf	RACM-Friable
Women's restroom B1 (above ceiling tile)	Aircell-paper pipe insulation	2	TSI	10 lf	RACM-Friable
Men's restroom B2 (above ceiling tile)	Aircell-paper pipe insulation	2	TSI	15 lf	RACM-Friable
Breakroom/Kitchen B3 (above ceiling tile)	Aircell-paper pipe insulation	2	TSI	20 lf	RACM-Friable
Breakroom/Kitchen B3	Black sink undercoating	13	Misc.	1 sink	II-Nonfriable
Utility room B4 (overhead)	Aircell-paper pipe insulation	2	TSI	10 lf	RACM-Friable
Office B5 above (ceiling tile)	Aircell-paper pipe insulation	2	TSI	50 lf	RACM-Friable
Corridor B8 (above ceiling) ¶	Aircell-paper pipe insulation	2	TSI	25 lf	RACM-Friable
Men's restroom shower B9 above ceiling tile	Aircell-paper pipe insulation	2	TSI	15 lf	RACM-Friable
Room B10 (in wall and above ceiling)	Preformed-block pipe insulation	5	TSI	30 lf	RACM-Friable
Room B11 (in wall)	Layered-paper pipe insulation	6	TSI	5 lf	RACM-Friable
Room B12 (above ceiling)	Preformed-block pipe insulation	5	TSI	10 lf	RACM-Friable
Room B13 (in wall)	Aircell-paper pipe insulation	2	TSI	10 lf	RACM-Friable
Room B13 (above ceiling) ¶	Pipe insulation	2, 5, 6	TSI	30 lf	RACM-Friable
Electrical and water supply room B15 (overhead)	Cementitious fitting insulation between sections of fiberglass pipe insulation - domestic water	19	TSI	1 ftg	RACM-Friable
Electrical and water supply room B15 ¶¶ (Inside of electrical panels)	Cementitious pads and boards inside of electrical panels	118 †	Misc	5 panels	II-Nonfriable
Gas supply room B16	Cementitious fitting insulation between sections of fiberglass pipe insulation - domestic water	19	TSI	2 ftgs	RACM-Friable
Paint room B17 overhead	Pipe insulation	2, 5, 6	TSI	70 lf	RACM-Friable
Paint room B17	Fire door	117 †	Misc.	1 door	RACM-Friable
Fixture storage room B18	Paper heat shield in light fixture	20	TSI	3 fixtures	RACM-Friable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>Basement, con't.</i>					
Fixture storage room B18 above ceiling	Pipe insulation	2, 5, 6	TSI	30 lf	RACM-Friable
Gas supply pump room B19 overhead	Pipe insulation	2, 5, 6	TSI	30 lf	RACM-Friable
Time Warner Room B20	Fire door	117 †	Misc.	1 door	RACM-Friable
Tenant storage B21 overhead	Pipe insulation	2, 5, 6	TSI	10 lf	RACM-Friable
Storage B22 overhead	Aircell-paper pipe insulation	2	TSI	20 lf	RACM-Friable
Storage B23	Fire door	117 †	Misc.	1 door	RACM-Friable
Storage B23	Cementitious pads and boards inside of electrical panels	118 †	Misc	1 panel	II-Nonfriable
Storage B24 overhead	Pipe insulation	2, 5, 6	TSI	45 lf	RACM-Friable
Storage B24	Fire door	117 †	Misc.	1 door	RACM-Friable
Storage B24	Cementitious pads and boards inside of electrical panels	118 †	Misc	1 panel	II-Nonfriable
Storage and restroom B25 overhead	Pipe insulation	2, 5, 6	TSI	50 lf	RACM-Friable
Storage B25	Cementitious pads and boards inside of electrical panels	118 †	Misc	1 panel	II-Nonfriable
Storage B26	Fire door	117 †	Misc.	1 door	RACM-Friable
Storage B27 overhead	Pipe insulation	2, 5, 6	TSI	25 lf	RACM-Friable
Storage B27	Fire door	117 †	Misc.	1 door	RACM-Friable
Elevator room B28 overhead (above ceiling)	Pipe insulation	2, 5, 6	TSI	50 lf	RACM-Friable
Elevator Room B289	Cementitious pads and boards inside of electrical panels	118 †	Misc	3 panels	II-Nonfriable
Corridor B29	Fire door	117 †	Misc.	1 door	RACM-Friable
Main access room and freight and elevator lobby B30 overhead	Pipe insulation	2, 5, 6	TSI	35 lf	RACM-Friable
North side elevator shaft B31	Fire door	117 †	Misc.	1 door	RACM-Friable
Cart room B32	Fire door	117 †	Misc.	1 door	RACM-Friable
Mechanical / boiler / chiller room B33	Cementitious fitting insulation between sections of fiberglass pipe insulation - chiller supply large fitting painted white	22	TSI	75 ftgs	RACM-Friable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/ Nonfriable
<i>Basement, con't.</i>					
Mechanical / boiler / chiller room B33	Cementitious fitting insulation between sections of fiberglass pipe insulation - yellow condensate return pipe small diameter pipe	23	TSI	60 ftgs	RACM-Friable
Mechanical / boiler / chiller room B33	Cementitious pipe insulation on steam supply - painted white	25	TSI	700 lf	RACM-Friable
Mechanical / boiler / chiller room B33	Boiler breeching insulation	26	TSI	950 sf	RACM-Friable
Mechanical / boiler / chiller room B33	Cementitious boiler door insulation	27	TSI	70 sf	RACM-Friable
<i>The following homogeneous areas are located on the First Floor</i>					
Room 101 on plaster wall	Glue dots	37	Misc.	200 sf	I-Nonfriable
Room 101 inside radiator enclosure west wall	Aircell-paper board insulation	39	TSI	60 sf	RACM-Friable
Room 106 inside radiator enclosure	Aircell-paper board insulation	39	TSI	60 sf	RACM-Friable
Room 108 floor	12" Red floor tile with ornamental pattern	41	Misc.	225 sf	I-Nonfriable
Room 109 floor	12" Red floor tile with ornamental pattern	41	Misc.	290 sf	I-Nonfriable
Office 112 southeast corner	Pipe insulation	2, 5, 6	TSI	20 lf	RACM-Friable
Cincy Express 124	Ceiling tile glue dots	37	Misc	1,200 sf	I-Nonfriable
Room 125	Ceiling tile glue dots	37	Misc	130 sf	I-Nonfriable
Room 126	Ceiling tile glue dots	37	Misc	170 sf	I-Nonfriable
Room 127	Ceiling tile glue dots	37	Misc	200 sf	I-Nonfriable
Storage 128 at vertical column ¶	Pipe insulation	2, 5, 6	TSI	30 lf	RACM-Friable
Room 128	Ceiling tile glue dots	37	Misc	300 sf	I-Nonfriable
<i>The following homogeneous area is located on the Second Floor</i>					
Business Office Area - 204	Ceiling tile glue dots	37	Misc	1,750 sf	I-Nonfriable
HVAC and Storage	Ceiling tile glue dots	37	Misc	140 sf	I-Nonfriable
Office 212	Ceiling tile glue dots	37	Misc	260 sf	I-Nonfriable
Office 212 floor	12" Light brown floor tile and black mastic	73, 74	Misc.	260 sf	I-Nonfriable
Perimeter of Second floor¶ (inside columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
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414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
Second Floor, con't.					
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
Utility Chase next to Elevators - 222	Cementitious pads and boards inside of electrical panels	118 †	Misc	1 panel	II-Nonfriable
The following homogeneous areas are located on the Third Floor					
Utility / chase room 301	Fire door	117 †	Misc.	1 door	RACM-Friable
Women's restroom 302 under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Men's restroom 303 under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Areas 305, 306, 314, 315, 316, Center Corridor (326)	Ceiling tile glue dots	37	Misc	3,720 sf	I-Nonfriable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable
Perimeter of Third floor¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
The following homogeneous areas are located on the Fourth Floor					
Utility / chase room 401 vertical steam supply main	Preformed-block pipe insulation	5	TSI	15 lf	RACM-Friable
Utility / chase room 401	Fire door	117 †	Misc.	1 door	RACM-Friable
Men's restroom 402 under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Women's restroom 403 under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable
Perimeter of Fourth floor¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
The following homogeneous areas are located on the Fifth Floor					
Utility chase room 501 (Pipe insulation debris present on floor)	Preformed-block pipe insulation	5	TSI	15 lf	RACM-Friable

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MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>Fifth Floor, con't.</i>					
Utility chase room 501	Fire door	117 †	Misc.	1 door	RACM-Friable
Women's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Men's restroom 502 under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable
Perimeter of Fifth floor¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
<i>The following homogeneous areas are located on the Sixth Floor</i>					
Utility chase room next to elevators (Pipe insulation debris on floor)	Preformed-block pipe insulation	5	TSI	15 lf	RACM-Friable
Utility chase room next to elevators	Fire door	117 †	Misc.	1 door	RACM-Friable
Women's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Men's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable
Perimeter of Sixth floor¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
<i>The following homogeneous areas are located on the Seventh Floor</i>					
Utility chase room next to elevators (Pipe insulation debris on floor)	Preformed-block pipe insulation	5	TSI	15 lf	RACM-Friable
Utility chase room next to elevators	Fire door	117 †	Misc.	1 door	RACM-Friable
Women's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Men's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>Seventh Floor, con't.</i>					
Perimeter of Seventh floor¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
<i>The following homogeneous areas are located on the Eighth Floor</i>					
Utility chase room next to elevators	Preformed-block pipe insulation	5	TSI	15 lf	RACM-Friable
Utility chase room next to elevators	Fire door	117 +	Misc.	1 door	RACM-Friable
Women's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Men's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable
Perimeter of Eight floor¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
<i>The following homogeneous areas are located on the Ninth Floor</i>					
Throughout north end of Ninth Floor	Ceiling tile glue dots	37	Misc	3,030 sf	I-Nonfriable
Utility chase room (3 lf of large pipe damaged)	Preformed-block pipe insulation	5	TSI	15 lf	RACM-Friable
Utility chase room	Fire door	117 +	Misc.	1 door	RACM-Friable
Women's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Men's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable
Perimeter of Ninth floor¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
<i>The following homogeneous areas are located on the Tenth Floor</i>					
Throughout north area of Tenth Floor	Ceiling tile glue dots	37	Misc.	1,700 sf	I-Nonfriable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>Tenth Floor, con't.</i>					
Area South of elevators, East side of building	Ceiling tile glue dots	37	Misc.	250 sf	I-Nonfriable
Southwest corner under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
North end of Floor, West side	Vermiculite wall fill	116	Misc.	200 cf	RACM-Friable
Women's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Men's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable
Perimeter of Tenth floor¶ (inside columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
<i>The following homogeneous areas are located on the Eleventh Floor</i>					
Women's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Men's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable
Throughout Eleventh Floor (scattered locations)	Ceiling tile glue dots	37	Misc.	2,200 sf	I-Nonfriable
Perimeter of Eleventh floor¶ (inside columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
<i>The following homogeneous areas are located on the Twelfth Floor</i>					
Northwest area	Ceiling glue dots (residue)	37	Misc.	1,000 sf	I-Nonfriable
Room 1201 chase at elevator large vertical pipe (damaged)	Pipe insulation	2, 5, 6	TSI	25 lf	RACM-Friable
Room 1201 overhead pipe (damaged)	Pipe insulation	2, 5, 6	TSI	20 lf	RACM-Friable
Around perimeter of floor, at ceiling (some in bulkhead)¶	Pipe insulation	2, 5, 6	TSI	500 lf	RACM-Friable
Northwest office area (above suspended ceiling)	Pipe insulation	2, 5, 6	TSI	60 lf	RACM-Friable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
Twelfth Floor, con't.					
Women's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Men's restroom under radiator cover	White heat shield material	82	TSI	5 sf	RACM-Friable
Throughout floor under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	10,725 sf (total)	I-Nonfriable
Perimeter of Twelfth floor¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	420 lf (total)	RACM-Friable
Interior line of columns¶ (inside of columns)	Pipe insulation	2, 5, 6	TSI	60 lf (total)	RACM-Friable
The following homogeneous areas are located on the Thirteenth Floor					
Throughout Office Area - under carpet and/or multiple layers of flooring ¶	Floor tile and mastic	41, 73, 74, 87, 93, 94, 95	Misc.	1,250 sf (total)	I-Nonfriable
Steam supply header room, near stairs	Pipe insulation (loose piping)	2, 5, 6	TSI	5 lf	RACM-Friable
Steam supply header room, near stairs	Pipe insulation on lg pipe in shaft	2, 5, 6	TSI	15 lf	RACM-Friable
Steam supply header room, near stairs	Pipe insulation debris on floor	2, 5, 6	TSI	100 sf	RACM-Friable
Elevator room old elevator equipment	Transite panel	118 †	Misc.	40 sf	II-Nonfriable
The following homogeneous area is located on the Fourteenth Floor					
Elevator room large pipe through roof top of steam	Pipe insulation	2, 5, 6	TSI	15 lf	RACM-Friable
The following homogeneous area is located throughout the Mercantile Library Building					
Vertical Pipe Shaft South of Elevator Lobby (Basement to 14th Floor) (behind small closet)	Pipe insulation	2, 5, 6	TSI	240 lf	RACM-Friable
Throughout Building (in walls, above ceilings and below floors)¶	Pipe insulation	2, 5, 6	TSI	580 lf	RACM-Friable

NOTES:

¶ = Material and quantity assumed to be present due to area being inaccessible at time of inspection.

† = Material assumed to be asbestos-containing.

ftg = fitting

lf = linear feet

Misc. = Miscellaneous

sf = square feet

cf = cubic feet

TSI = Thermal System Insulation

EPA Categories

RACM - Regulated Asbestos-Containing Materials (Friable)

Category I Nonfriable - resilient flooring, roofing products, gaskets, packings

Category II Nonfriable - all other nonfriable asbestos-containing materials

Attachment 6

SUMMARY OF OSHA COMPLIANCE FOR <1% ASBESTOS CONTENT

All Contractors shall note that compliance with OSHA 29 CFR 1926.1101 will be required during demolition or disturbance of the light-weight concrete fill material which is part of the buildings original flooring system. This material was identified as containing less than 1% asbestos using Polarized Light Microscopy point counting methods. This sampling and analysis has been performed by Pinnacle Environmental Consultants, Inc., a professional third party consulting firm, using an Ohio licensed Asbestos Hazard Evaluation Specialist and NVLAP accredited laboratory.

For this portion of the Project, a minimum of 2-hour awareness training in accordance with the OSHA is required for all employees working on this Project. The awareness training shall emphasize specific work practices and engineering controls as required by the Standard for materials that contain less than 1% asbestos. The training shall include the following, at a minimum:

- As required by 29 CFR 1926.1101(g)(1)(ii), the use of wet methods, or wetting agents, to control employees exposures during asbestos handling, cutting, removal, and cleanup, except where employers demonstrate that the use of wet methods is infeasible due to for example, electrical hazards, equipment malfunction;
- As required by 29 CFR 1926.1101(g)(1)(iii), the debris resulting from the Work that disturbs the soft fill concrete layer of the flooring system shall be promptly cleaned-up. All wastes and debris contaminated with asbestos shall be disposed of inside of leak-tight containers;
- As required by 29 CFR 1926.1101(g)(3)(i), high-speed abrasive disc saws that are not equipped with point of cut ventilator or used inside of enclosures with HEPA filtered exhaust air shall be prohibited;
- As required by 29 CFR 1926.1101(g)(3)(ii), the use of compressed air to remove asbestos, or materials containing asbestos shall be prohibited;
- As required by 29 CFR 1926.1101(g)(3) (iv), the use of employee rotation as a means of reducing employee exposure to asbestos shall be prohibited.

The Contractor shall be required to conduct an Initial Exposure Assessment as required by 29 CFR 1926.1101(f)(2)(i) by a competent person. Based on the results of the exposure assessment, the provisions outlined above shall be required if both OSHA PEL's are not exceeded. Should either PEL be exceeded, the entire standard shall apply to the Work.

Attachment 7
BULK SAMPLE LOCATION FLOOR PLANS

GRAPHICS SYMBOL LEGEND

NOTE: PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE, REPAIR TO MATCH HISTORIC AS REQ'D, PRIME, AND PAINT. ***

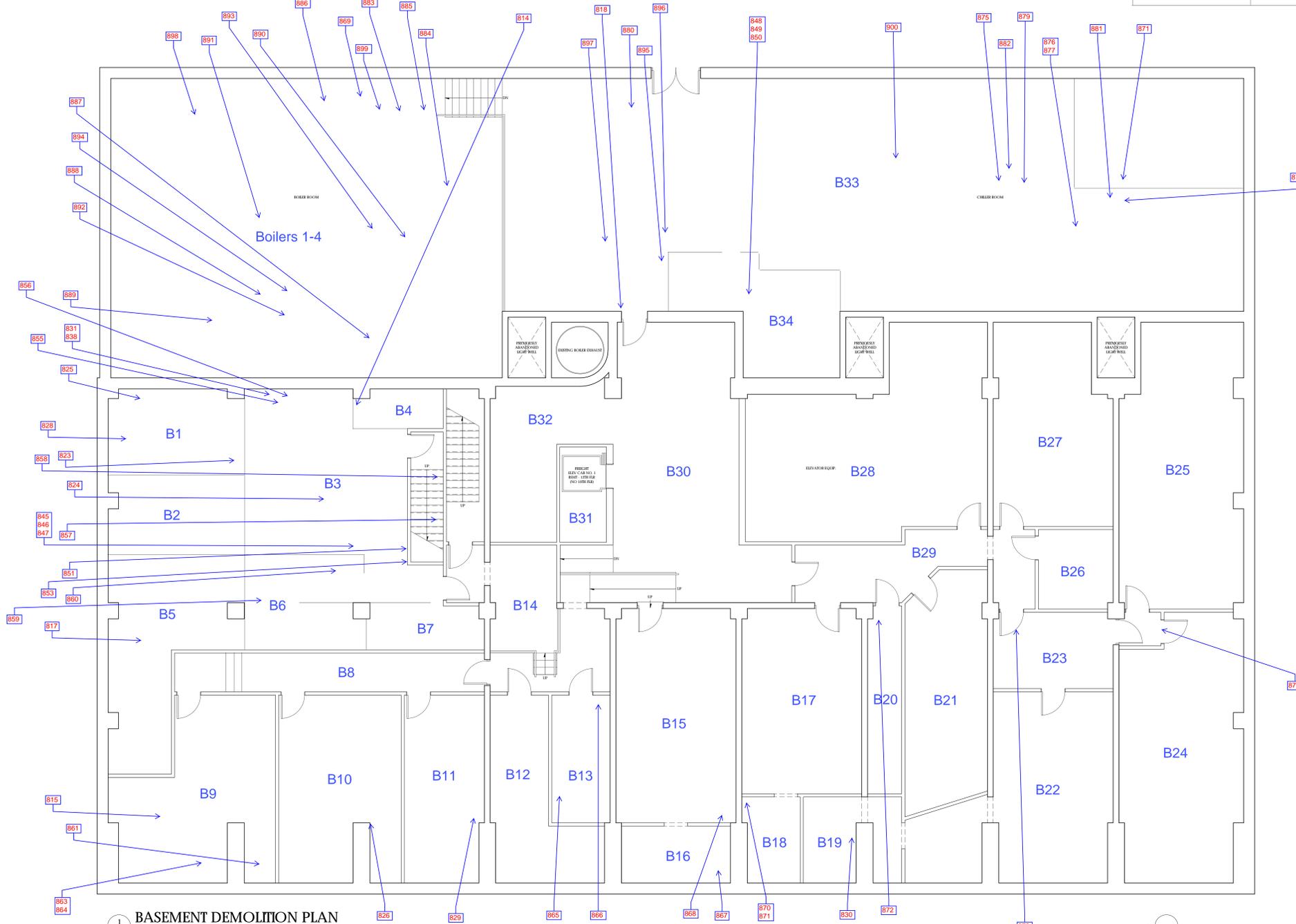
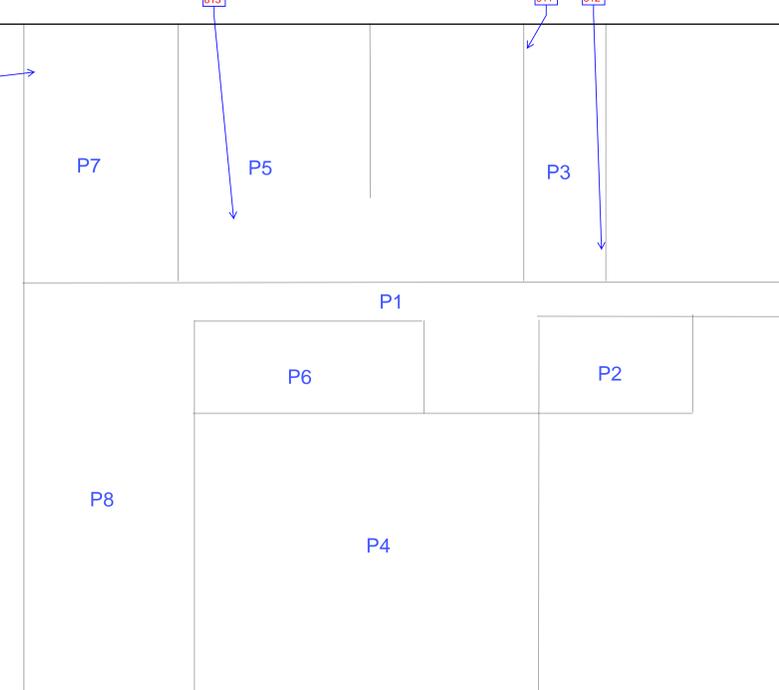
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING WINDOW TO BE REMOVED
- EXISTING WINDOW TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN
- MARBLE WANSCOT TO REMAIN
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN
- MARBLE THRESHOLD TO BE REMOVED
- PAINTED WOOD BASEBOARD TO BE REMOVED/ SALVAGED. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). *
- PAINTED WOOD PICTURE RAIL TO REMAIN **
- PAINTED WOOD PICTURE RAIL TO BE REMOVED
- PAINTED WOOD CROWN MOULD TO BE REMOVED
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED
- PAINTED WOOD DOOR CASING TO BE REMOVED

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DEMOLITION GENERAL NOTES

- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL FLOOR TILE AND VINYL WALL BASE.
- REMOVE ALL EXISTING FURNITURE.
- REMOVE EXISTING MECHANICAL, ELECTRICAL, FIRE ALARM, PLUMBING SYSTEMS & OTHER BUILDING SYSTEMS, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT FLUSH AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BUILT-INS.
- EXISTING ELEVATOR HOISTWAYS TO REMAIN. G.C. TO VERIFY 2-HR FIRE-RESISTANCE RATING AND NOTIFY ARCHITECT FOR DIRECTION IF NOT ADEQUATELY FIRE-RATED.
- EXISTING COLUMN ENCASEMENTS TO REMAIN. G.C. TO VERIFY 2-HR FIRE-RESISTANCE RATING AND NOTIFY ARCHITECT FOR DIRECTION IF NOT ADEQUATELY FIRE-RATED. REMOVE ALL LAYERS OF FURRING DOWN TO HISTORIC PLASTER AND/OR CLAY TILE.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2-10, U.O.N.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INFILL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.



1 BASEMENT DEMOLITION PLAN
3/16" = 1'-0"

PRELIMINARY DRAWINGS:
NOT FOR CONSTRUCTION

CITYSTUDIOS
ARCHITECTURE
1148 Main Street
Cincinnati, OH 45202
ph. 513.621.0750
citystudiosarch.com

ENGINEERED
BUILDING
SYSTEMS INC.

MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OH 45225

modelgroup
DEVELOPMENT • CONSTRUCTION • MANAGEMENT

ISSUE LOG:
02.24.2021 HISTORIC PART 2 SUBMISSION
03.31.2021 HISTORIC PART 2 REVISION

BASEMENT
DEMOLITION PLAN

A2.00

PRELIMINARY DRAWINGS:
NOT FOR CONSTRUCTION

GRAPHICS SYMBOL LEGEND

NOTE: PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE, REPAIR TO MATCH HISTORIC AS REQ'D, PRIME, AND PAINT. ***

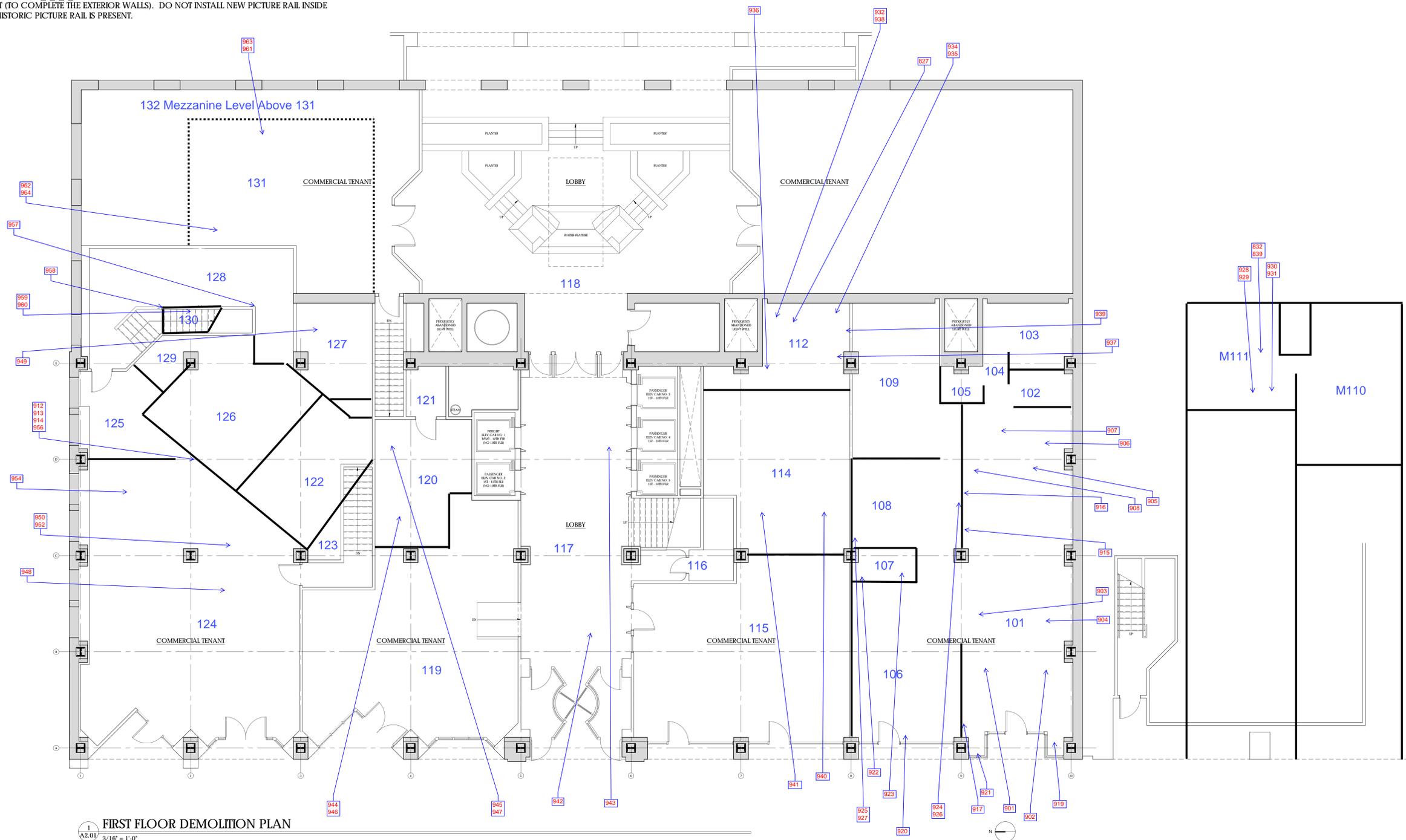
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING WINDOW TO BE REMOVED
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- EXISTING DOOR TO BE REMOVED
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- MARBLE WANSCOT TO REMAIN
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN
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- 1 PAINTED WOOD BASEBOARD TO BE REMOVED/ SALVAGED. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). *
- PAINTED WOOD PICTURE RAIL TO REMAIN **
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DEMOLITION GENERAL NOTES

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- REMOVE ALL EXISTING CARPET, VINYL FLOOR TILE AND VINYL WALL BASE.
- REMOVE ALL EXISTING FURNITURE.
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1 FIRST FLOOR DEMOLITION PLAN
A2.01 3/16" = 1'-0"

PRELIMINARY DRAWINGS:
NOT FOR CONSTRUCTION

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modelgroup
DEVELOPMENT • CONSTRUCTION • MANAGEMENT

ISSUE LOG:
02.24.2021 HISTORIC PART 2 SUBMISSION
03.31.2021 HISTORIC PART 2 REVISION

FIRST FLOOR
DEMOLITION PLAN
A2.01

PRELIMINARY DRAWINGS:
NOT FOR CONSTRUCTION

GRAPHICS SYMBOL LEGEND

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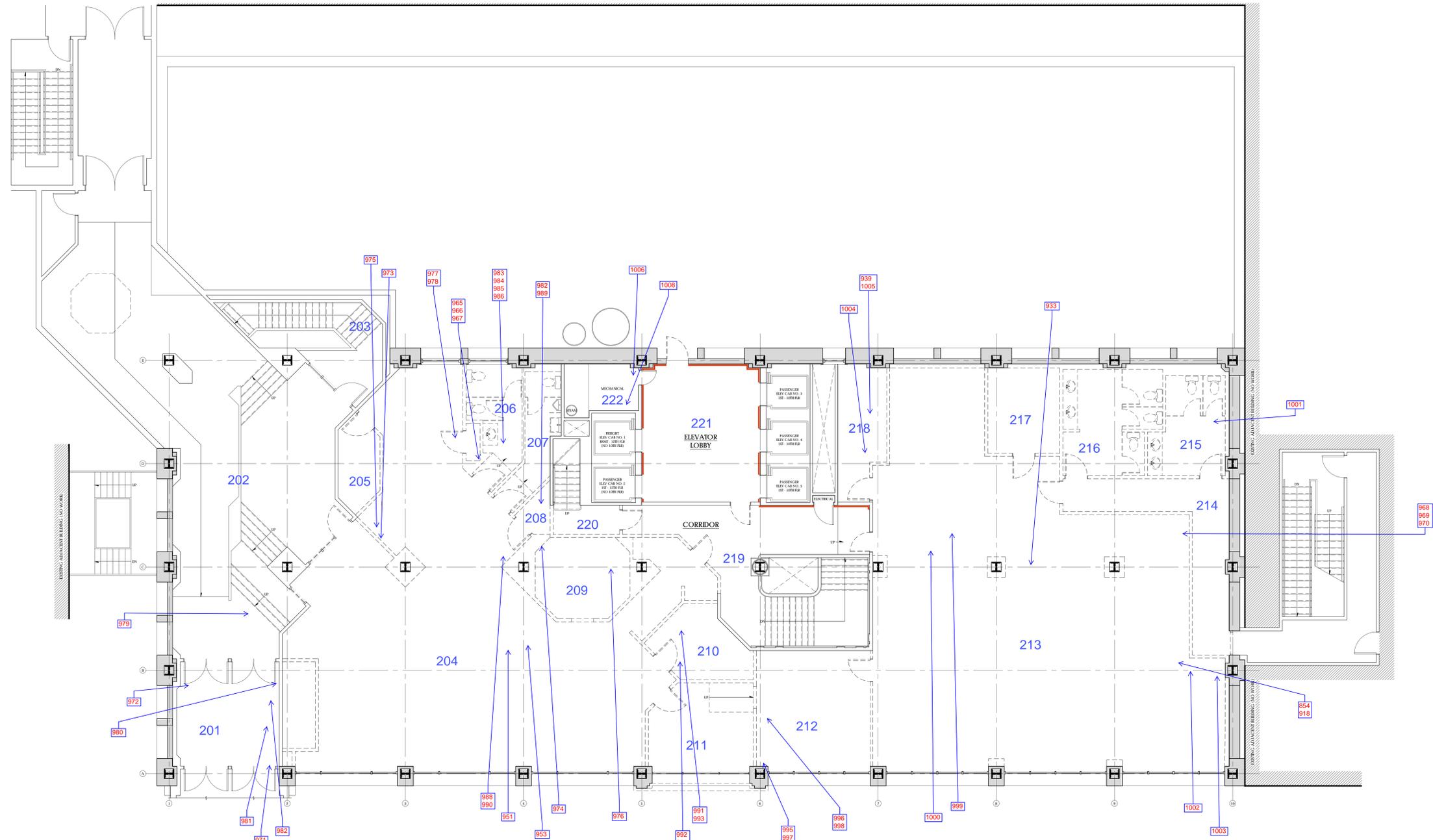
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DEMOLITION GENERAL NOTES

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- REMOVE ALL EXISTING CARPET, VINYL FLOOR TILE AND VINYL WALL BASE.
- REMOVE ALL EXISTING FURNITURE.
- REMOVE EXISTING MECHANICAL, ELECTRICAL, FIRE ALARM, PLUMBING SYSTEMS & OTHER BUILDING SYSTEMS, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILINGS, OR FLOORS TO BE CUT FLUSH AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BUILT-INS.
- EXISTING ELEVATOR HOISTWAYS TO REMAIN. G.C. TO VERIFY 2-HR FIRE-RESISTANCE RATING AND NOTIFY ARCHITECT FOR DIRECTION IF NOT ADEQUATELY FIRE-RATED.
- EXISTING COLUMN ENCASEMENTS TO REMAIN. G.C. TO VERIFY 2-HR FIRE-RESISTANCE RATING AND NOTIFY ARCHITECT FOR DIRECTION IF NOT ADEQUATELY FIRE-RATED. REMOVE ALL LAYERS OF FURRING DOWN TO HISTORIC PLASTER AND/OR CLAY TILE.
- EXISTING PLASTER CEILINGS ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2-10, U.O.N.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INFILL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.



1 SECOND FLOOR DEMOLITION PLAN
A2.02 3/16" = 1'-0"



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SECOND FLOOR
DEMOLITION PLAN

A2.02

PRELIMINARY DRAWINGS:
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GRAPHICS SYMBOL LEGEND

NOTE: PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE, REPAIR TO MATCH HISTORIC AS REQ'D, PRIME, AND PAINT. ***

- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING WINDOW TO BE REMOVED
- EXISTING WINDOW TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN
- MARBLE WANSCOT TO REMAIN
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN
- MARBLE THRESHOLD TO BE REMOVED
- △ PAINTED WOOD BASEBOARD TO BE REMOVED/ SALVAGED. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). *
- PAINTED WOOD PICTURE RAIL TO REMAIN **
- PAINTED WOOD PICTURE RAIL TO BE REMOVED
- PAINTED WOOD CROWN MOULD TO BE REMOVED
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED
- PAINTED WOOD DOOR CASING TO BE REMOVED

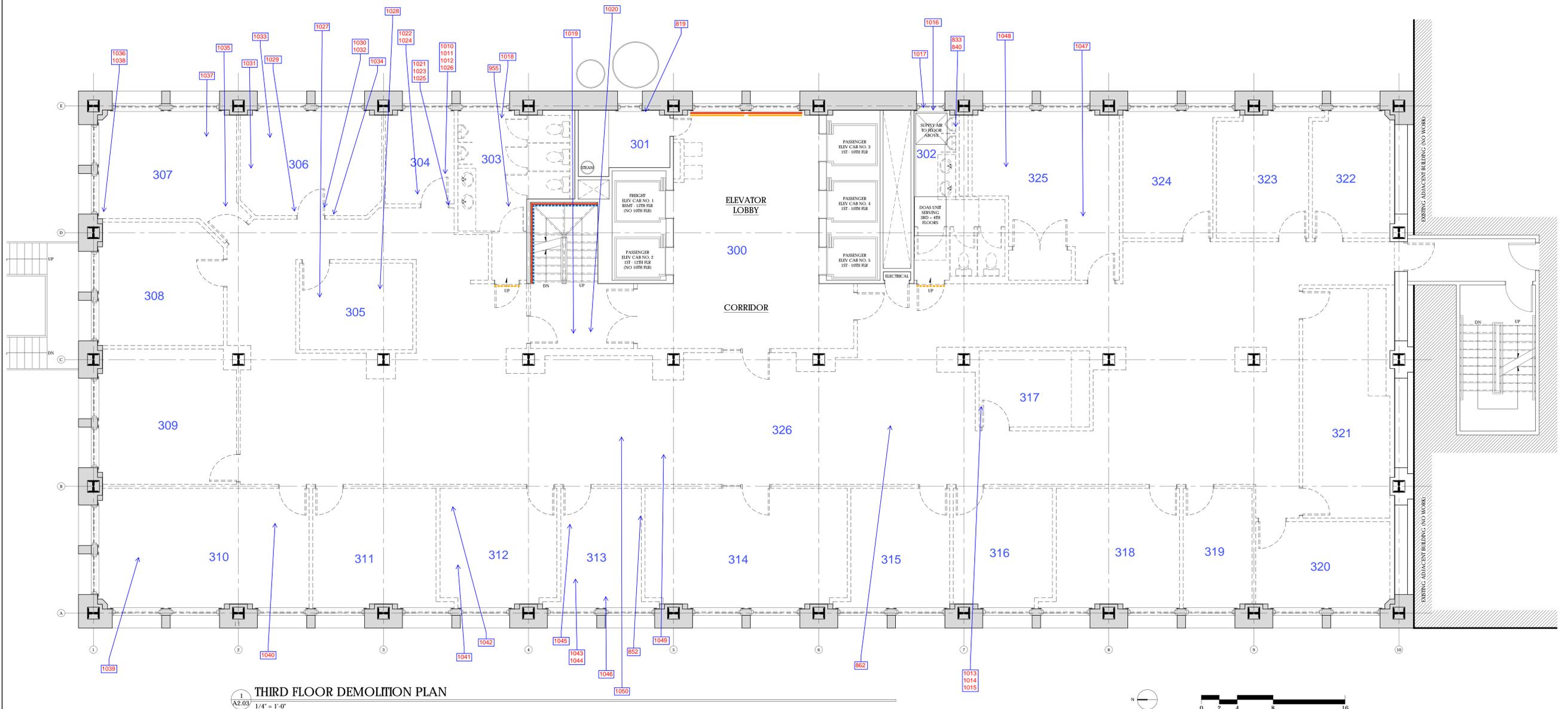
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DEMOLITION GENERAL NOTES

- REMOVE ALL EXISTING SUSPENDED CEILINGS.
- REMOVE ALL EXISTING CARPET, VINYL FLOOR TILE AND VINYL WALL BASE.
- REMOVE ALL EXISTING FURNITURE.
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1 THIRD FLOOR DEMOLITION PLAN
A2.03 1/4" = 1'-0"

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THIRD FLOOR
DEMOLITION PLAN

A2.03

PRELIMINARY DRAWINGS:
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GRAPHICS SYMBOL LEGEND

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	EXISTING CONSTRUCTION TO BE DEMOLISHED		PAINTED WOOD BASEBOARD TO BE REMOVED/ SALVAGED. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). *
	EXISTING CONSTRUCTION TO REMAIN		PAINTED WOOD PICTURE RAIL TO REMAIN **
	EXISTING WINDOW TO BE REMOVED		PAINTED WOOD PICTURE RAIL TO BE REMOVED
	EXISTING WINDOW TO REMAIN		PAINTED WOOD CROWN MOULD TO BE REMOVED
	EXISTING DOOR TO BE REMOVED		PAINTED WOOD DOOR TRANSOM TO BE REMOVED
	EXISTING DOOR TO REMAIN		PAINTED WOOD DOOR CASING TO BE REMOVED
	MARBLE WANSCOT TO REMAIN		COVE CEILING REMNANT TO BE REMOVED 2
	MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN		
	MARBLE THRESHOLD TO BE REMOVED		

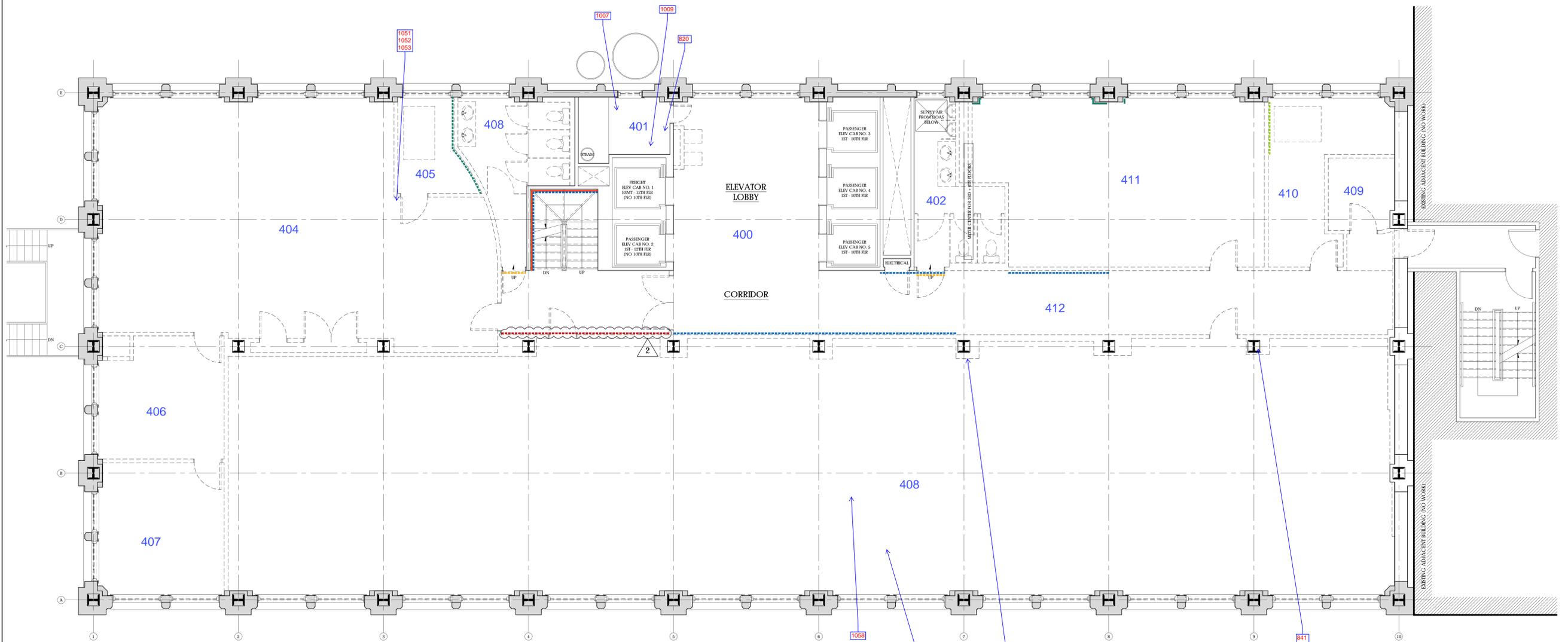
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DEMOLITION GENERAL NOTES

- REMOVE ALL EXISTING SUSPENDED CEILINGS.
- REMOVE ALL EXISTING CARPET, VINYL FLOOR TILE AND VINYL WALL BASE.
- REMOVE ALL EXISTING FURNITURE.
- REMOVE EXISTING MECHANICAL, ELECTRICAL, FIRE ALARM, PLUMBING SYSTEMS & OTHER BUILDING SYSTEMS, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILINGS, OR FLOORS TO BE CUT FLUSH AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
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1
A2.04
FOURTH FLOOR DEMOLITION PLAN
1/4" = 1'-0"

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05.14.2021
HISTORIC PART 2 REVISION

FOURTH FLOOR
DEMOLITION PLAN

A2.04

PRELIMINARY DRAWINGS:
NOT FOR CONSTRUCTION

GRAPHICS SYMBOL LEGEND

NOTE: PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE, REPAIR TO MATCH HISTORIC AS REQ'D, PRIME, AND PAINT. ***

- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING WINDOW TO BE REMOVED
- EXISTING WINDOW TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN
- MARBLE WAINSCOT TO REMAIN
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN
- MARBLE THRESHOLD TO BE REMOVED
- △ PAINTED WOOD BASEBOARD TO BE REMOVED/ SALVAGED. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). *
- PAINTED WOOD PICTURE RAIL TO REMAIN **
- PAINTED WOOD PICTURE RAIL TO BE REMOVED
- PAINTED WOOD CROWN MOULD TO BE REMOVED
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED
- PAINTED WOOD DOOR CASING TO BE REMOVED

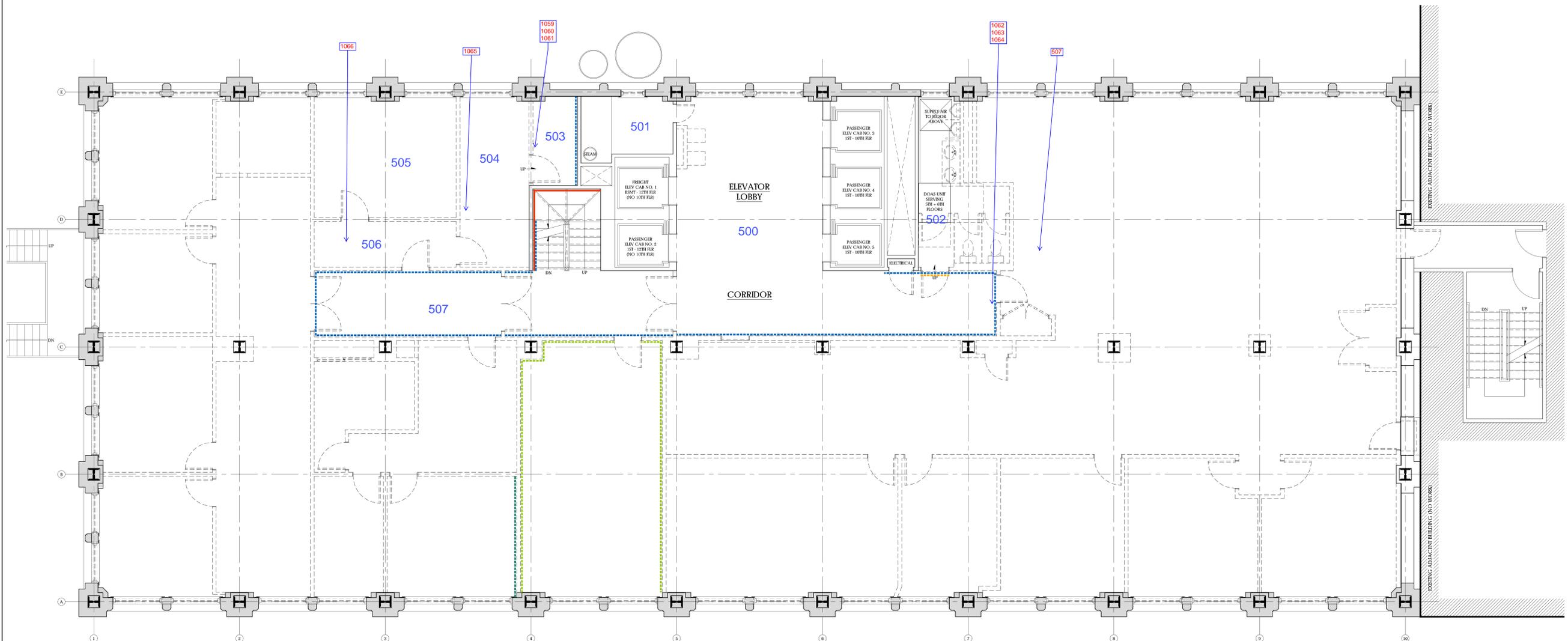
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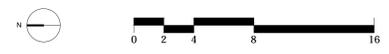
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1 FIFTH FLOOR DEMOLITION PLAN
A2.05 1/4" = 1'-0"



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FIFTH FLOOR
DEMOLITION PLAN

A2.05
PRELIMINARY DRAWINGS:
NOT FOR CONSTRUCTION

GRAPHICS SYMBOL LEGEND

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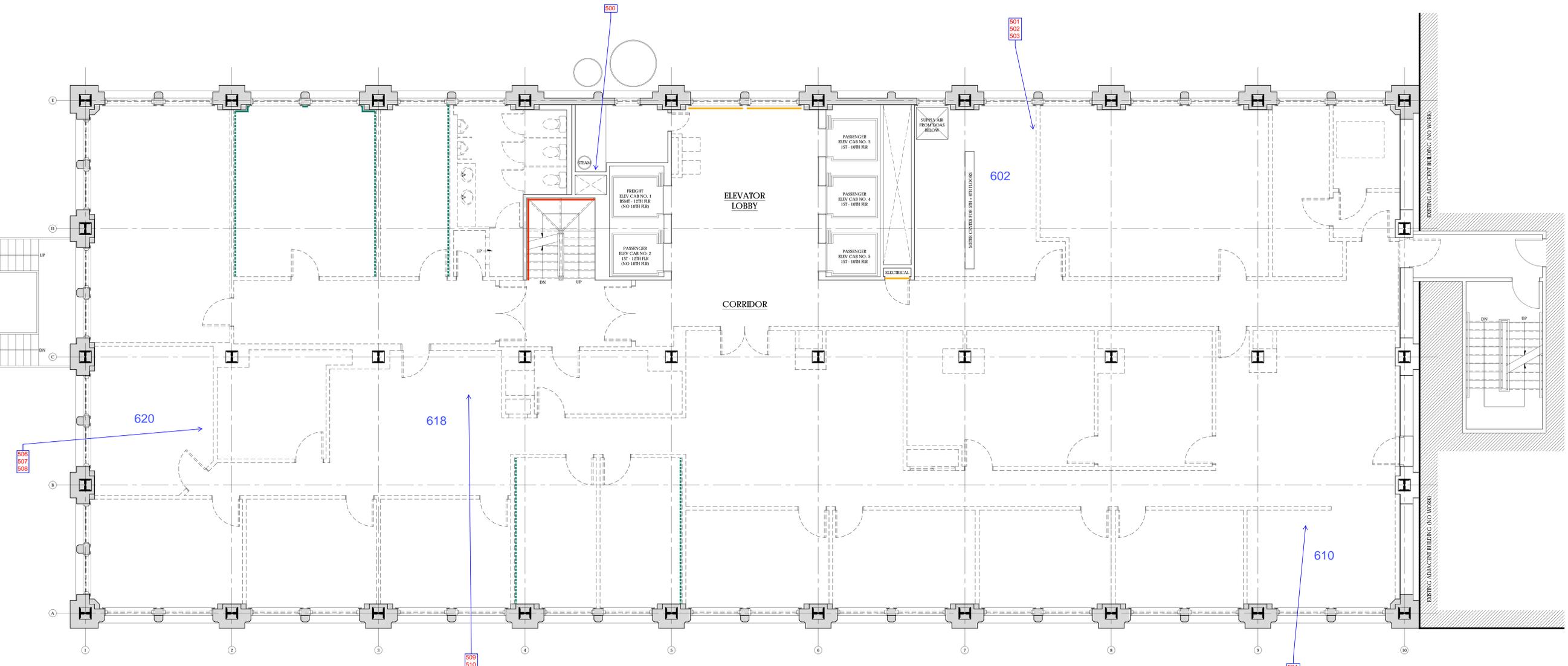
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1 SIXTH FLOOR DEMOLITION PLAN
A2.06 1/4" = 1'-0"

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HISTORIC PART 2 REVISION

SIXTH FLOOR
DEMOLITION PLAN

A2.06

PRELIMINARY DRAWINGS:
NOT FOR CONSTRUCTION

GRAPHICS SYMBOL LEGEND

NOTE: PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE, REPAIR TO MATCH HISTORIC AS REQ'D, PRIME, AND PAINT. ***

- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING WINDOW TO BE REMOVED
- EXISTING WINDOW TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN
- MARBLE WAINSCOT TO REMAIN
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN
- MARBLE THRESHOLD TO BE REMOVED
- 1 PAINTED WOOD BASEBOARD TO BE REMOVED/ SALVAGED. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). *
- PAINTED WOOD PICTURE RAIL TO REMAIN **
- PAINTED WOOD PICTURE RAIL TO BE REMOVED
- PAINTED WOOD CROWN MOULD TO BE REMOVED
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED
- PAINTED WOOD DOOR CASING TO BE REMOVED
- 2 COVE CEILING REMNANT TO BE REMOVED

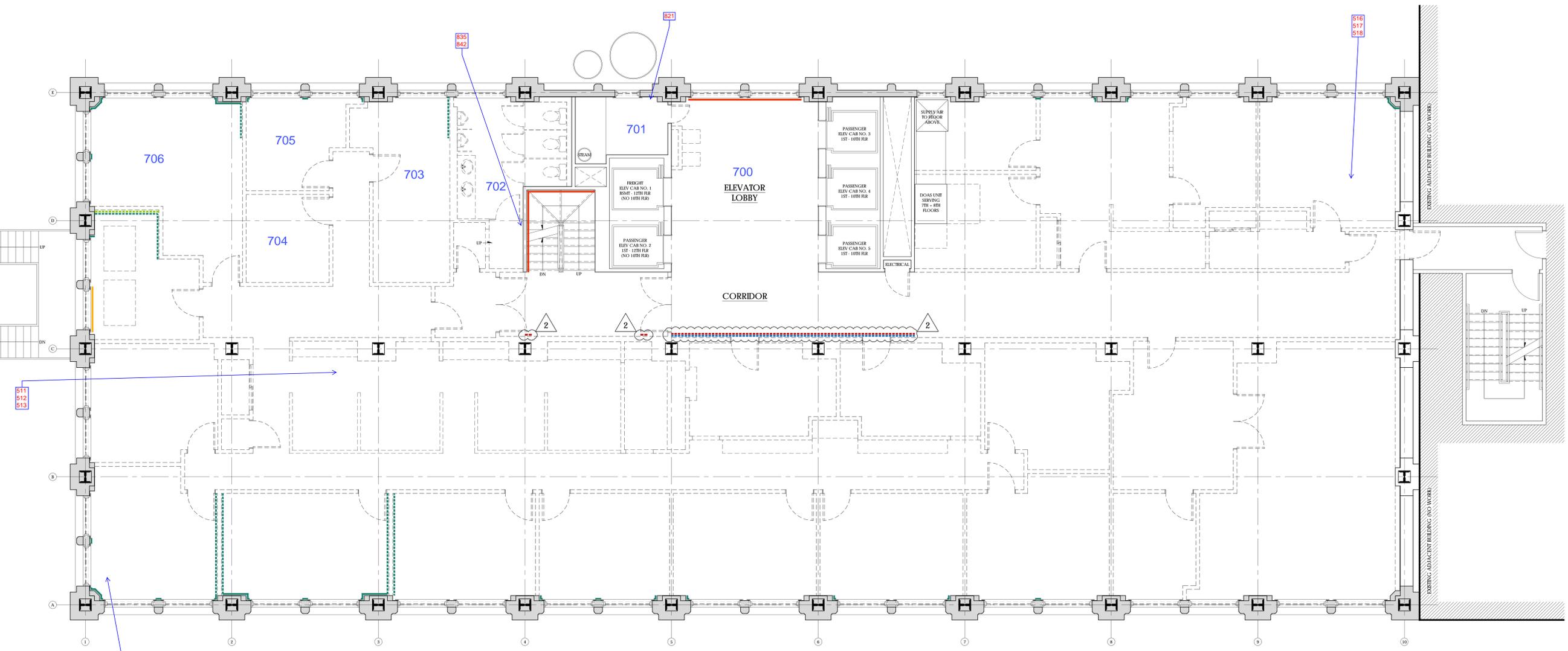
* CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.

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DEMOLITION GENERAL NOTES

- REMOVE ALL EXISTING SUSPENDED CEILINGS.
- REMOVE ALL EXISTING CARPET, VINYL FLOOR TILE AND VINYL WALL BASE.
- REMOVE ALL EXISTING FURNITURE.
- REMOVE EXISTING MECHANICAL, ELECTRICAL, FIRE ALARM, PLUMBING SYSTEMS & OTHER BUILDING SYSTEMS, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILINGS, OR FLOORS TO BE CUT FLUSH AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BUILT-INS.
- EXISTING ELEVATOR HOISTWAYS TO REMAIN. G.C. TO VERIFY 2-HR FIRE-RESISTANCE RATING AND NOTIFY ARCHITECT FOR DIRECTION IF NOT ADEQUATELY FIRE-RATED.
- EXISTING COLUMN ENCASEMENTS TO REMAIN. G.C. TO VERIFY 2-HR FIRE-RESISTANCE RATING AND NOTIFY ARCHITECT FOR DIRECTION IF NOT ADEQUATELY FIRE-RATED. REMOVE ALL LAYERS OF FURRING DOWN TO HISTORIC PLASTER AND/OR CLAY TILE.
- EXISTING PLASTER CEILINGS ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2-10, U.O.N.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INFILL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.



1 SEVENTH FLOOR DEMOLITION PLAN
A2.07 1/4" = 1'-0"

PRELIMINARY DRAWINGS:
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05.14.2021 HISTORIC PART 2 REVISION

SEVENTH FLOOR
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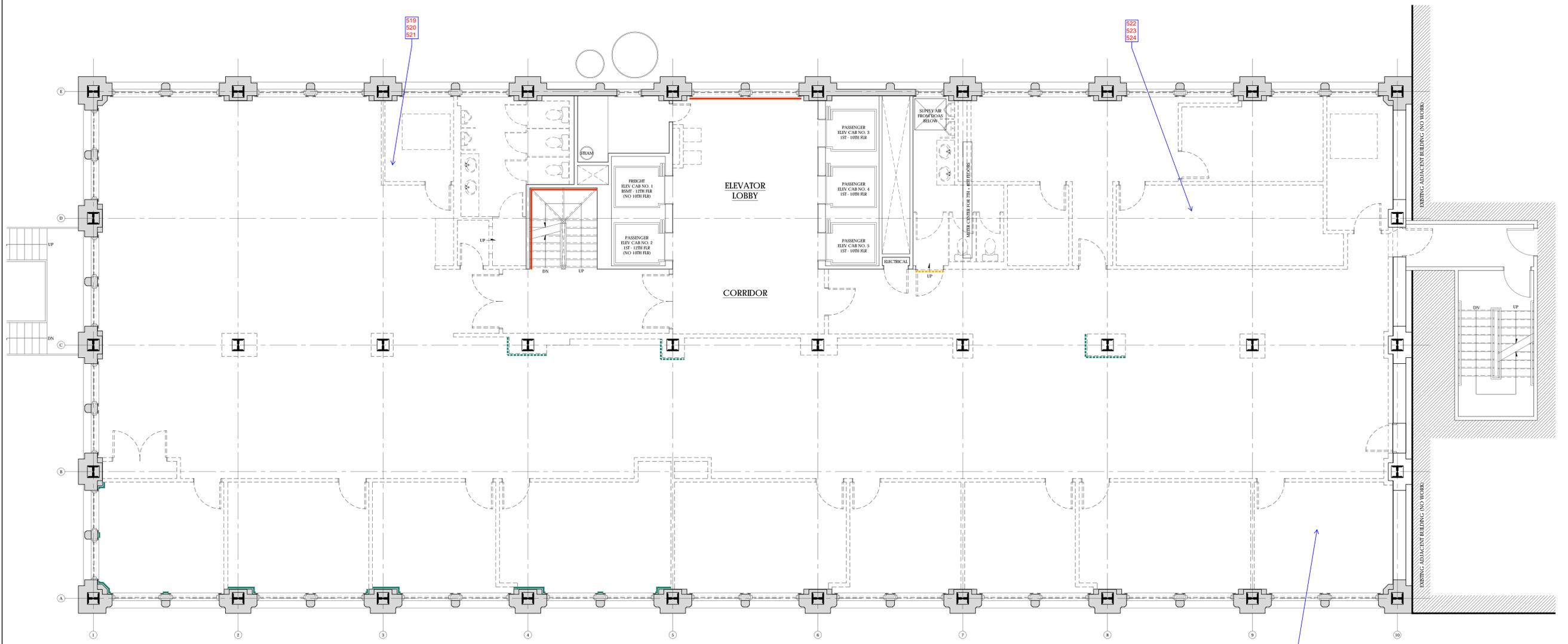
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1 EIGHTH FLOOR DEMOLITION PLAN
A2.08 1/4" = 1'-0"

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EIGHTH FLOOR
DEMOLITION PLAN

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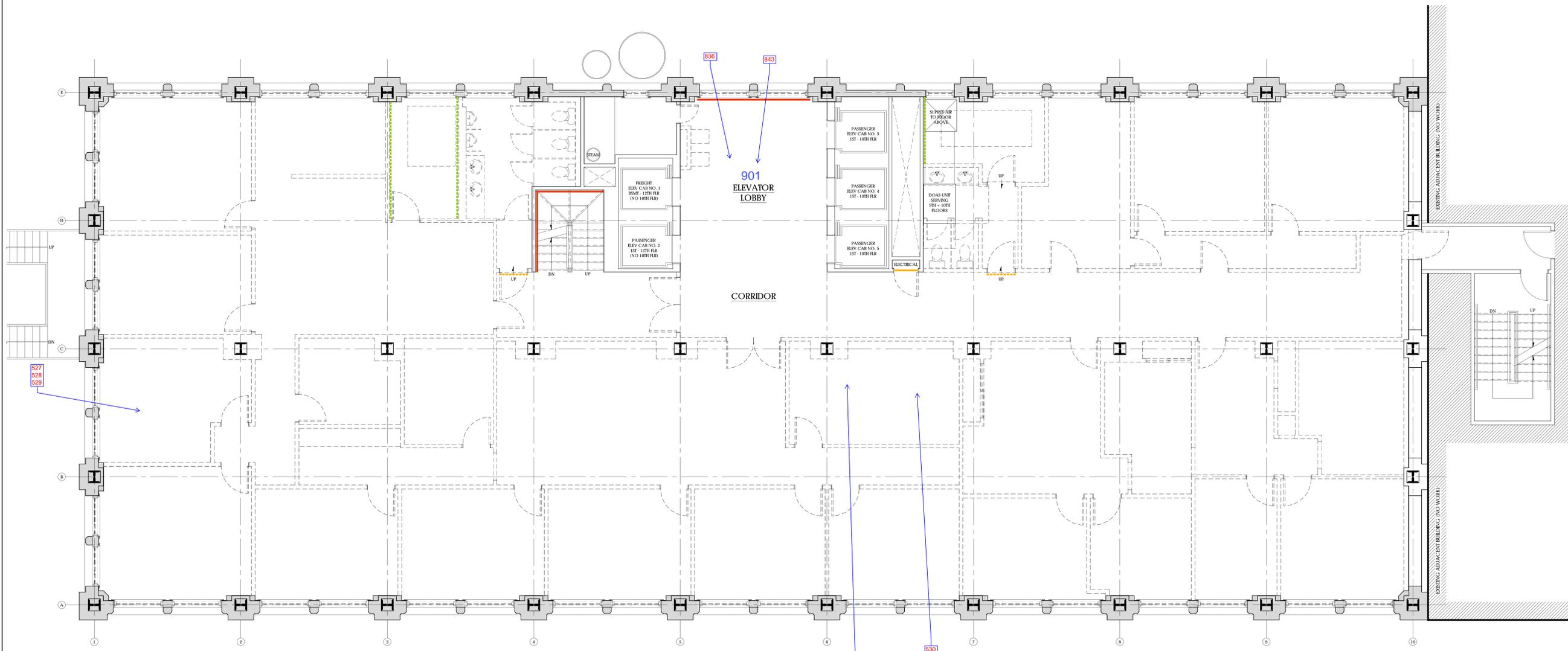
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1 NINTH FLOOR DEMOLITION PLAN
A2.09 1/4" = 1'-0"

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NINTH FLOOR
DEMOLITION PLAN

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GRAPHICS SYMBOL LEGEND

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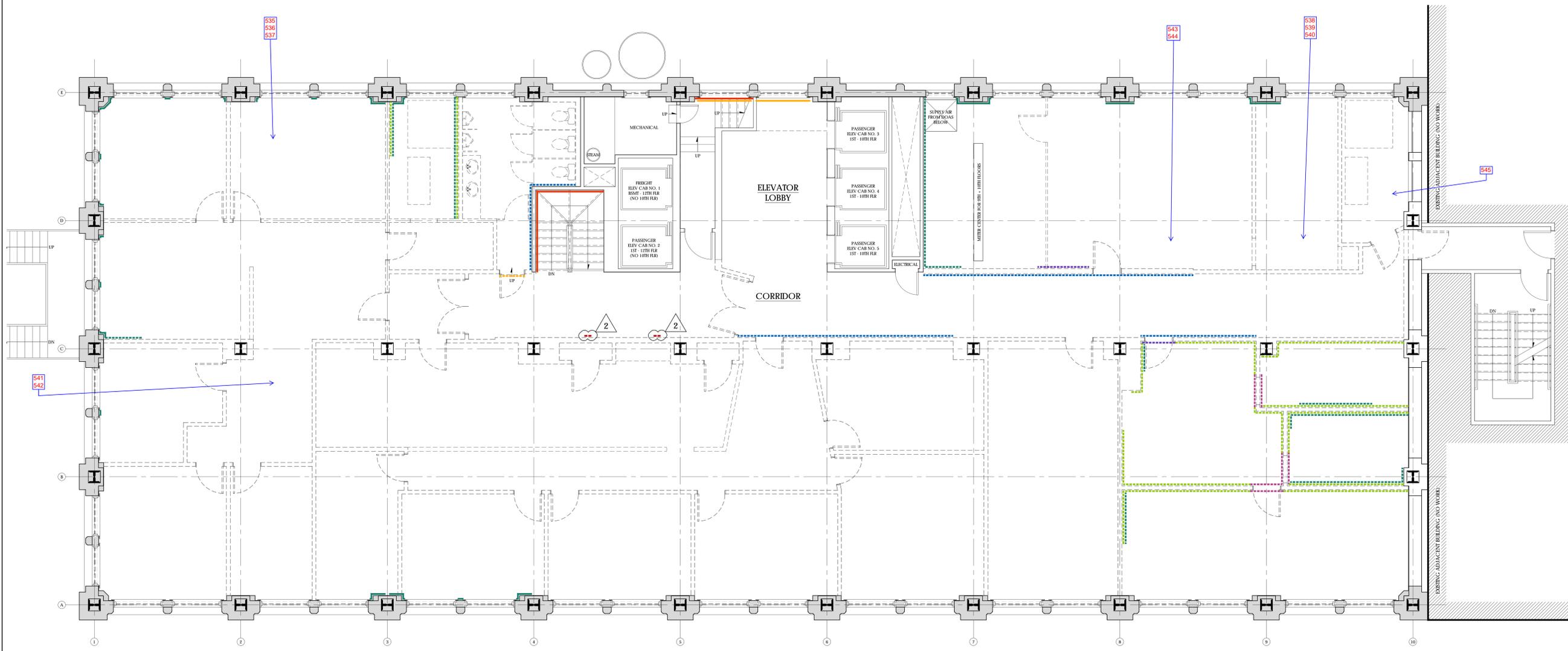
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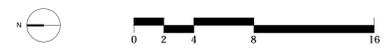
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1 TENTH FLOOR DEMOLITION PLAN
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TENTH FLOOR
DEMOLITION PLAN

A2.10

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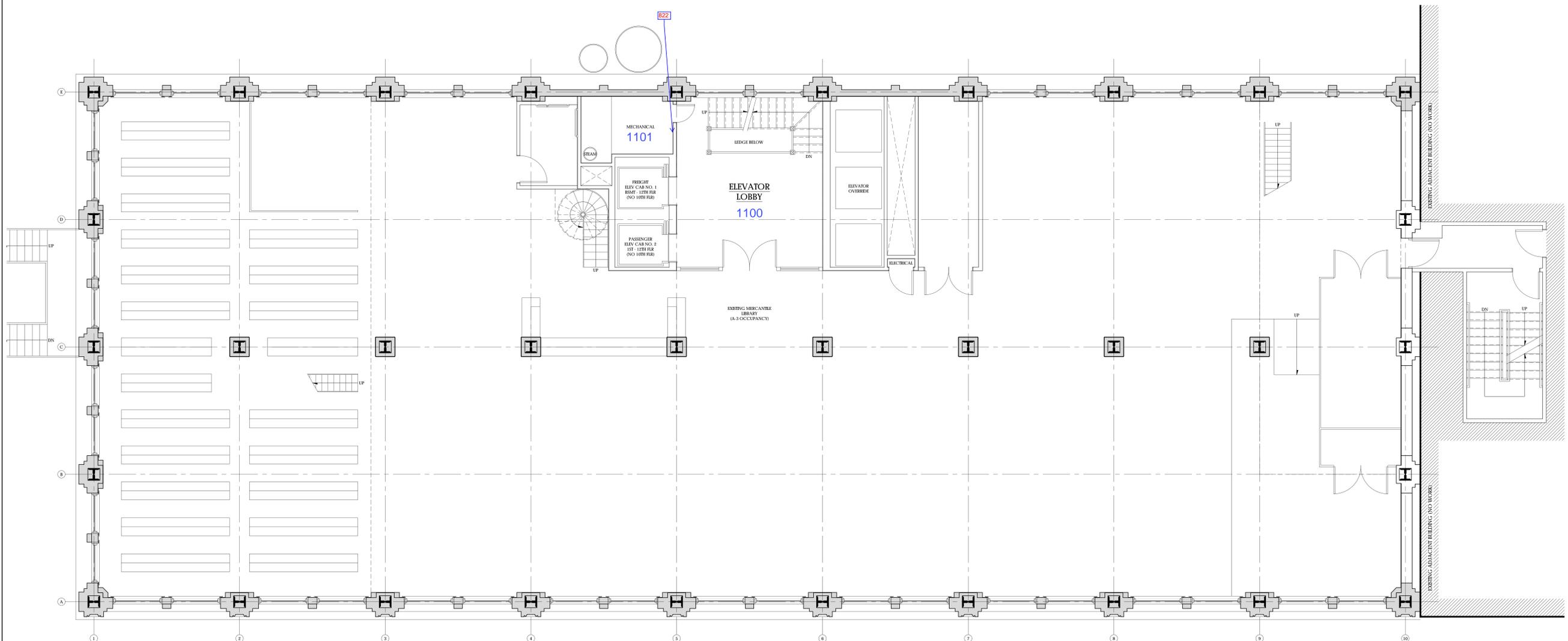
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** CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.

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DEMOLITION GENERAL NOTES

- REMOVE ALL EXISTING SUSPENDED CEILINGS.
- REMOVE ALL EXISTING CARPET, VINYL FLOOR TILE AND VINYL WALL BASE.
- REMOVE ALL EXISTING FURNITURE.
- REMOVE EXISTING MECHANICAL, ELECTRICAL, FIRE ALARM, PLUMBING SYSTEMS & OTHER BUILDING SYSTEMS, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILINGS, OR FLOORS TO BE CUT FLUSH AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BUILT-INS.
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- EXISTING PLASTER CEILINGS ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2-10, U.O.N.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INFILL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.



1 ELEVENTH FLOOR DEMOLITION PLAN
A2.11 1/4" = 1'-0"

PRELIMINARY DRAWINGS:
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ELEVENTH FLOOR
DEMOLITION PLAN

A2.11
PRELIMINARY DRAWINGS:
NOT FOR CONSTRUCTION

GRAPHICS SYMBOL LEGEND

NOTE: PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE, REPAIR TO MATCH HISTORIC AS REQ'D, PRIME, AND PAINT. ***

- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING WINDOW TO BE REMOVED
- EXISTING WINDOW TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN
- MARBLE WANSCOT TO REMAIN
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN
- MARBLE THRESHOLD TO BE REMOVED
- △ PAINTED WOOD BASEBOARD TO BE REMOVED/ SALVAGED. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). *
- PAINTED WOOD PICTURE RAIL TO REMAIN **
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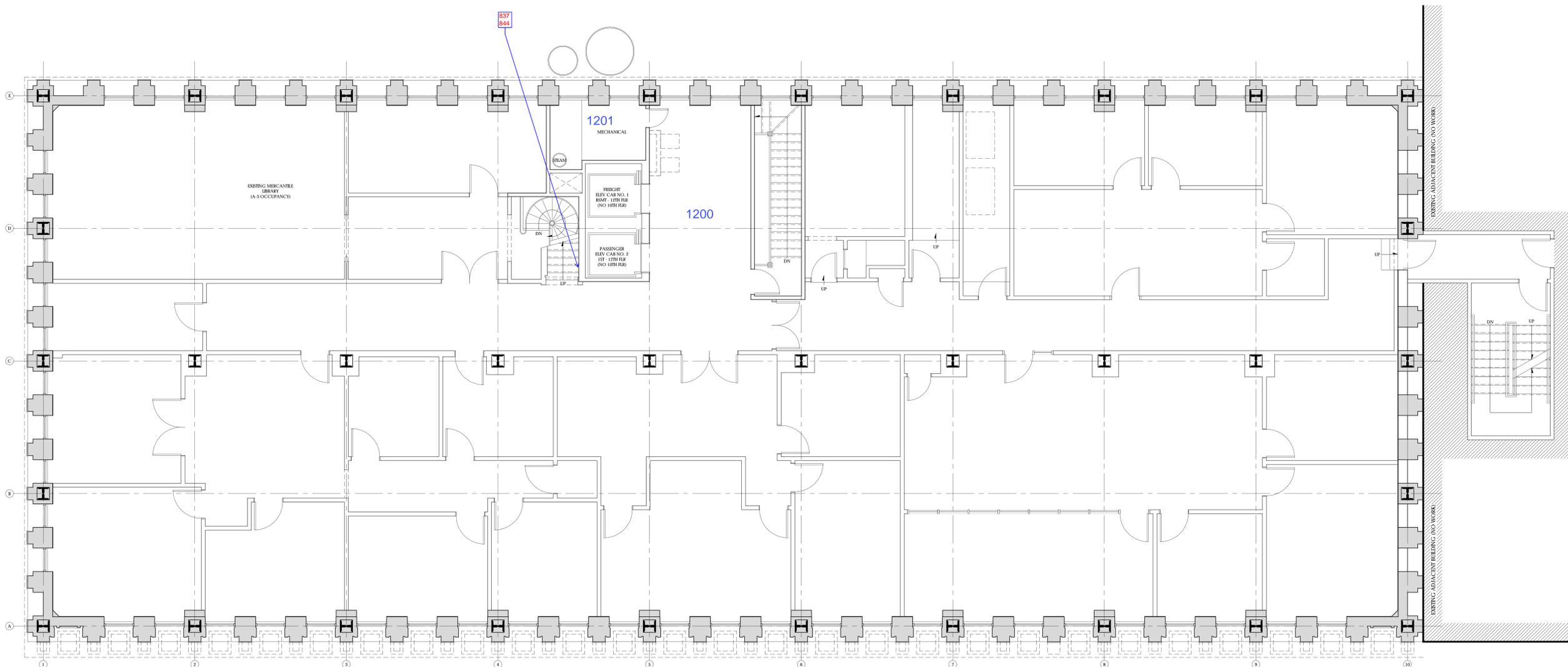
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1 TWELFTH FLOOR DEMOLITION PLAN
A2.12 1/4" = 1'-0"

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TWELFTH FLOOR
DEMOLITION PLAN

A2.12

PRELIMINARY DRAWINGS:
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GRAPHICS SYMBOL LEGEND

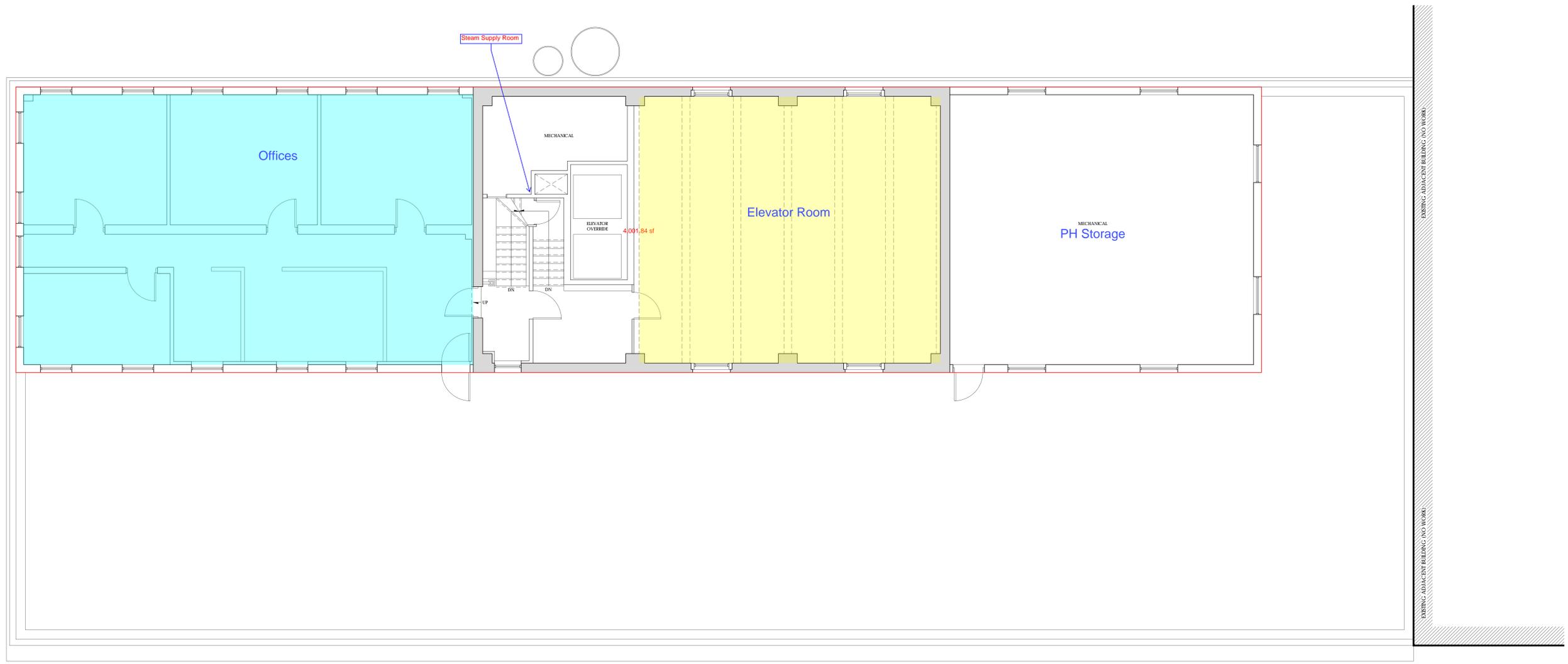
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=====	EXISTING WINDOW TO BE REMOVED	-----	PAINTED WOOD PICTURE RAIL TO BE REMOVED
=====	EXISTING WINDOW TO REMAIN	-----	PAINTED WOOD CROWN MOULD TO BE REMOVED
-----	EXISTING DOOR TO BE REMOVED	-----	PAINTED WOOD DOOR TRANSOM TO BE REMOVED
-----	EXISTING DOOR TO REMAIN	-----	PAINTED WOOD DOOR CASING TO BE REMOVED
=====	MARBLE WANSCOT TO REMAIN	-----	
=====	MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN	-----	
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1 THIRTEENTH FLOOR DEMOLITION PLAN
A2.13 1/4" = 1'-0"

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THIRTEENTH FLOOR
DEMOLITION PLAN

A2.13
PRELIMINARY DRAWINGS:
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GRAPHICS SYMBOL LEGEND

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====	EXISTING WINDOW TO BE REMOVED		
	EXISTING WINDOW TO REMAIN		PAINTED WOOD PICTURE RAIL TO REMAIN **
	EXISTING DOOR TO BE REMOVED		PAINTED WOOD PICTURE RAIL TO BE REMOVED
	EXISTING DOOR TO REMAIN		PAINTED WOOD CROWN MOULD TO BE REMOVED
	MARBLE WAINSCOT TO REMAIN		PAINTED WOOD DOOR TRANSOM TO BE REMOVED
	MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN		PAINTED WOOD DOOR CASING TO BE REMOVED
	MARBLE THRESHOLD TO BE REMOVED		

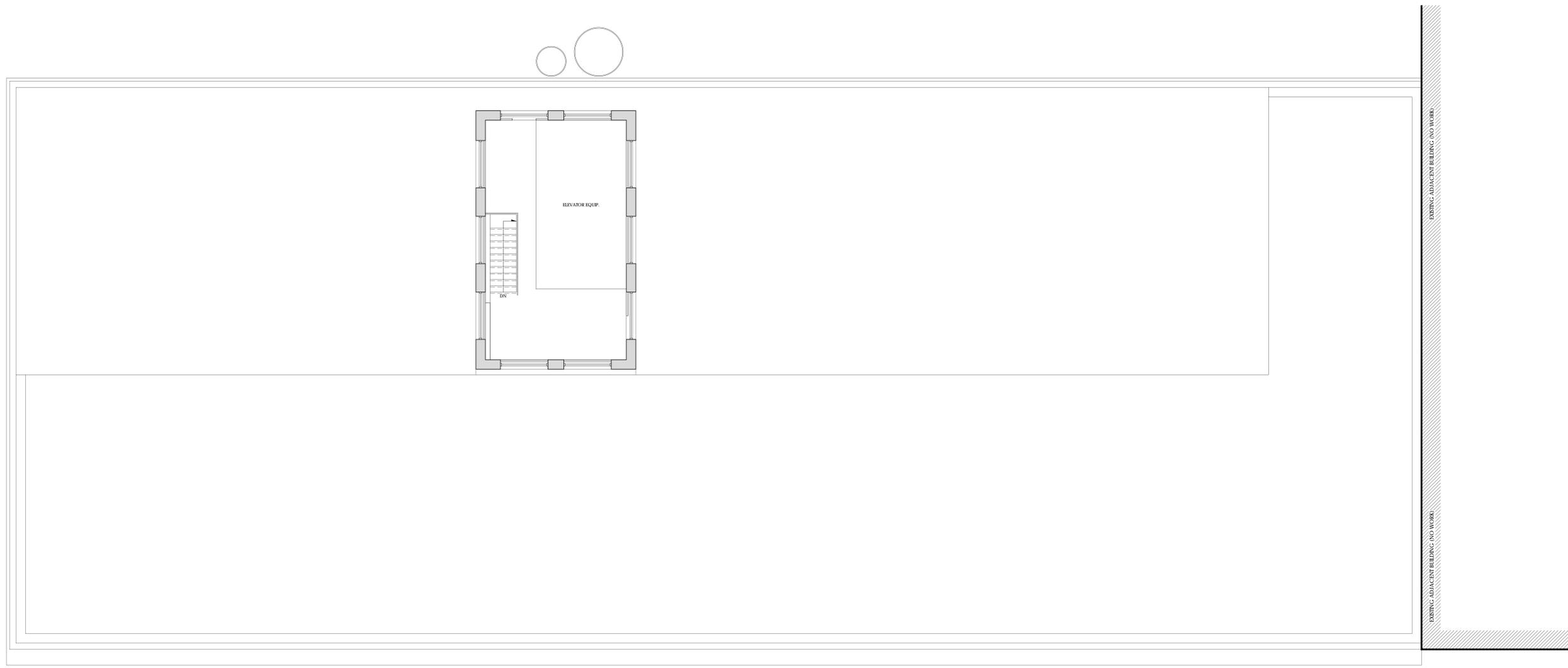
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1 PENTHOUSE / ROOF DEMOLITION PLAN
A2.14 1/4" = 1'-0"

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PENTHOUSE / ROOF
DEMOLITION PLAN

A2.14

PRELIMINARY DRAWINGS:
NOT FOR CONSTRUCTION

Attachment 8

INVENTORY OF UNIVERSAL WASTE TABLE

**INVENTORY OF UNIVERSAL WASTE TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	Estimated Quantity
<i>The following universal waste is located in the Pit Area Level</i>		
P1 corridor	Curly Fluorescent Light Bulbs	2 bulbs
P2 storage	Curly Fluorescent Light Bulb	1 bulb
P3 storage in electric light fixtures and stored in boxes	Curly Fluorescent Light Bulbs	12 bulbs
P4 lower pit storage some in boxes	4' Fluorescent Light Tubes Fluorescent Light Ballasts 2' Fluorescent Light Tubes	14 tubes 2 ballasts 16 tubes
P5 storage in box	Sodium Bulbs	12 bulbs
P8 storage	4' Fluorescent Light Tubes Miscellaneous Light Ballasts Curly Fluorescent Light Bulb	10 tubes 20 ballasts 1 bulb
<i>The following universal waste is located in the Basement</i>		
Women's restroom B1	4' Fluorescent Light Tubes Fluorescent Light Ballasts	12 tubes 16 ballasts
Men's restroom B2	4' Fluorescent Light Tubes Fluorescent Light Ballasts	12 tubes 16 ballasts
Breakroom / kitchen B3	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Sign Refrigerator Water Fountain Mercury Tubes in Thermostat	32 tubes 16 ballasts 1 sign 1 unit 1 unit 4 tubes
Office B5	4' Fluorescent Light Tubes Fluorescent Light Ballasts	28 tubes 14 ballasts
Office B6	4' Fluorescent Light Tubes Fluorescent Light Ballasts	16 tubes 8 ballasts
Storage B7 in fixture	Fluorescent Light Ballasts	2 ballasts
Stairwell B	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
Corridor B8	4' Fluorescent Light Tubes Fluorescent Light Ballasts	3 tubes 2 ballasts
Men's restroom shower B9	4' Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 3 ballasts
Room B10	4' Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 3 ballasts
Room B11	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts

**INVENTORY OF UNIVERSAL WASTE TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	Estimated Quantity
<i>Basement, con't.</i>		
Room B12	4' Fluorescent Light Tubes Fluorescent Light Ballasts	2 tubes 2 ballasts
Electrical and water supply room B15	4' Fluorescent Light Tubes Fluorescent Light Ballasts	12 tubes 6 ballasts
Paint room B17	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Fixture storage B18	4' Fluorescent Light Tubes Fluorescent Light Ballast	3 tubes 1 ballast
Time Warner room B20	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Tenant storage B21	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Storage B22	4' Fluorescent Light Tubes Fluorescent Light Ballasts Beverage Refrigerator	4 tubes 2 ballasts 1 unit
Storage B23	4' Fluorescent Light Tubes Fluorescent Light Ballasts Soft Serve Ice Cream Machines	4 tubes 2 ballasts 2 units
Storage B24	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 6 ballasts
Storage and restroom B25	4' Fluorescent Light Tubes Fluorescent Light Ballasts	12 tubes 6 ballasts
Storage B26	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Storage B27	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Elevator room B28	4' Fluorescent Light Tubes Fluorescent Light Ballasts Smoke Detectors	16 tubes 8 ballasts 3 units
Corridor B29	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Main access room freight elevator lobby B30	4' Fluorescent Light Tubes Fluorescent Light Ballasts Smoke Detector Exit Sign	7 tubes 4 ballasts 1 unit 1 sign
Cart room B32	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts

**INVENTORY OF UNIVERSAL WASTE TABLE
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OHIO**

Material Location	Material Description	Estimated Quantity
Basement, con't.		
Office B34 in mechanical room	4' Fluorescent Light Tubes Fluorescent Light Ballasts 2' Fluorescent Light Tube Fluorescent Light Ballast	4 tubes 3 ballasts 1 tube 1 ballast
The following universal waste is located on the First Floor		
Room 101	4' Fluorescent Light Tubes Fluorescent Light Ballasts Curly Fluorescent Light Bulbs Fire Strobe Light	16 tubes 14 ballasts 22 bulbs 1 light
Dressing room 102	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
Dressing room and stairs to mezzanine level 103	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Room 104	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
Room 106	4' Fluorescent Light Tubes Fluorescent Light Ballasts Curly Fluorescent Light Bulbs	24 tubes 12 ballasts 15 bulbs
Room 107	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
Room 108	4' Fluorescent Light Tubes Fluorescent Light Ballasts	16 tubes 18 ballasts
Room 109	4' Fluorescent Light Tubes Fluorescent Light Ballasts 8' Fluorescent Light Tubes Fluorescent Light Ballasts	7 tubes 5 ballasts 2 tubes 2 ballasts
Mezzanine M110	4' Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 5 ballasts
Office 112	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Cigar display room 114	4' Fluorescent Light Tubes Fluorescent Light Ballasts	10 tubes 4 ballasts
Front area 115	4' Fluorescent Light Tubes Fluorescent Light Ballasts 2' Fluorescent Light Tubes Fluorescent Light Ballasts	12 tubes 4 ballasts 6 tubes 2 ballasts
Main east to west entrance corridor 116	Smoke Detector Fire Emergency Light	1 unit 1 light

**INVENTORY OF UNIVERSAL WASTE TABLE
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Material Location	Material Description	Estimated Quantity
<i>First Floor, con't.</i>		
East hall foyer 118	Exit Sign	1 sign
Vacant store front area 119	4' Fluorescent Light Tubes Fluorescent Light Ballasts 4' Fluorescent U Shaped Light Tubes Fluorescent Light Ballasts Curly Fluorescent Light Bulbs Exit Signs Mercury Thermostat Bulb	36 tubes 9 ballasts 24 tubes 12 ballasts 7 bulbs 2 signs 1 bulb
Prep room 120	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Sign	16 tubes 8 ballasts 1 sign
Back room 121	4' Fluorescent U Shaped Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
Room 122	4' Fluorescent Light Tubes Fluorescent Light Ballasts	16 tubes 8 ballasts
Restroom 123 off room 122	Curly Fluorescent Light Bulbs	2 bulbs
Store area 124	Emergency Lights	3 lights
Room 125	Exit Sign	1 sign
Room 126	Fire Emergency Light Exit Sign	1 light 1 sign
Storage and HVAC room 127	Emergency Lights	2 lights
Storage and HVAC room 127	Emergency Light Fire Emergency Light Exit Sign	1 light 1 light 1 sign
Bakes restaurant 131	4' Fluorescent Light Tubes Fluorescent Light Ballasts 8' Fluorescent Light Tubes Fluorescent Light Ballasts Smoke Detector	32 tubes 16 ballasts 2 tubes 2 ballasts 1 unit
Mezzanine dining room above Bakes restaurant 132	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Light Smoke Detector	20 tubes 10 ballasts 1 light 1 unit
<i>The following universal waste is located on the Second Floor</i>		
Skywalk entrance 201	Exit Sign	1 sign
Connecting foyer to Mercantile Center 202	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Sign	40 tubes 20 ballasts 1 sign

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Material Location	Material Description	Estimated Quantity
<i>Second Floor, con't.</i>		
Business office area 204	4' Fluorescent U Shaped Light Tubes Fluorescent Light Ballasts Exit Signs	86 tubes 43 ballasts 2 signs
HVAC and storage 205	4' Fluorescent U Shaped Light Tubes Fluorescent Light Ballasts Boxes of 4' Fluorescent Light Tubes	4 tubes 2 ballasts 48 tubes
Women's restroom 206	4' Fluorescent Light Tubes Fluorescent Light Ballast 2' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast 2 tubes 1 ballast
Men's restroom 207	4' Fluorescent Light Tubes Fluorescent Light Ballast 2' Fluorescent Light Tubes Fluorescent Light Ballasts	2 tubes 1 ballast 6 tubes 3 ballasts
Office 209	4' Fluorescent U Shaped Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Breakroom 210	4' Fluorescent U Shaped Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Office 211	4' Fluorescent U Shaped Light Tubes Fluorescent Light Ballasts	8 tubes 2 ballasts
Office 212	4' Fluorescent Light Tubes Fluorescent Light Ballasts	12 tubes 4 ballasts
Large office area 213	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Signs	81 tubes 27 ballasts 2 signs
L shaped corridor 214	4' Fluorescent Light Tubes Fluorescent Light Ballasts Fire Emergency Light	9 tubes 3 ballasts 1 light
Restroom 215	4' Fluorescent Light Tubes Fluorescent Light Ballasts Curly Fluorescent Light Bulb Fire Emergency Light	4 tubes 2 ballasts 1 bulb 1 light
Restroom 216	4' Fluorescent Light Tubes Fluorescent Light Ballasts Curly Fluorescent Light Bulbs Fire Emergency Light	8 tubes 4 ballasts 2 bulbs 1 light
Former HVAC room 217	4' Fluorescent Light Tubes Fluorescent Light Ballasts	2 tubes 2 ballasts
Communication room 218	4' Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 2 ballasts

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Material Location	Material Description	Estimated Quantity
<i>Second Floor, con't.</i>		
Center stairs 219	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Stairs and corridor 220	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Light	4 tubes 2 ballasts 1 light
Elevator lobby 221	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Sign	8 tubes 4 ballasts 1 sign
Utility chase room 222	4' Fluorescent Light Tube Fluorescent Light Ballast	1 tube 1 ballast
<i>The following universal waste is located on the Third Floor</i>		
Throughout Third Floor	Exit Signs Smoke Detector 4' Fluorescent Light Tubes Fluorescent Light Ballasts 4' Fluorescent U Shaped Light Tubes Fire Emergency Lights	5 signs 1 unit 190 tubes 90 ballasts 4 tubes 15 lights
<i>The following universal waste is located on the Fourth Floor</i>		
Throughout Fourth Floor	Curly Fluorescent Light Bulbs 4' Fluorescent Light Tubes Fluorescent Light Ballast Fire Emergency Light Exit Sign Emergency Light	20 bulbs 690 tubes 340 ballast 10 lights 5 signs 1 light
<i>The following universal waste is located on the Fifth Floor</i>		
Throughout Fifth Floor	Fluorescent Light Tubes Fluorescent Light Ballasts Curly Fluorescent Light Bulbs Exit Signs Emergency Lights Thermostats	330 tubes 175 ballasts 40 bulbs 5 signs 5 lights 2 units
<i>The following universal waste is located on the Sixth Floor</i>		
Throughout sixth floor	Fluorescent Light Tubes Fluorescent Light Ballasts Exit Signs Refrigerator Thermostat	320 tubes 160 ballasts 6 signs 1 unit 1 unit

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Material Location	Material Description	Estimated Quantity
<i>The following universal waste is located on the Seventh Floor</i>		
Throughout seventh floor	Fluorescent Light Tubes Fluorescent Light Ballasts Exit Signs	330 tubes 162 ballasts 6 signs
<i>The following universal waste is located on the Eighth Floor</i>		
Throughout eighth floor	Fluorescent Light Tubes Fluorescent Light Ballasts Exit Signs Refrigerators	320 tubes 160 ballasts 3 signs 2 units
<i>The following universal waste is located on the Ninth Floor</i>		
Throughout ninth floor	Fluorescent Light Tubes Fluorescent Light Ballasts Exit Signs	365 tubes 181 ballasts 3 signs
<i>The following universal waste is located on the Tenth Floor</i>		
Throughout tenth floor	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Signs Mercury Thermostats	290 tubes 155 ballasts 5 signs 1 unit
<i>The following universal waste is located on the Twelfth Floor</i>		
Throughout twelfth floor	Fluorescent Light Tubes Fluorescent Light Ballasts Exit Signs	270 tubes 130 ballasts 3 signs
<i>The following universal waste is located on the Thirteenth Floor</i>		
Office	Four Bulb Lights	15 lights