



PINNACLE ENVIRONMENTAL CONSULTANTS, INC.

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May 18, 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 Formica Building
located at 120 East Fourth Street in Cincinnati, Ohio 45202
Pinnacle PN: 22-0064**

Dear Mr. Chamlee;

From April 7 to 18, 2022, Mr. Mike Rombke of Pinnacle Environmental Consultants, Inc. (see Attachment 1 for certifications) visited the building located at 120 East Fourth 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, two hundred forty-two (242) bulk samples were collected from ninety-five (95) homogeneous areas throughout the building. Analysis results show ten (10) homogeneous areas were identified with asbestos content greater than one percent (>1%) and two (2) 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, four (4) 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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Access to the space occupied by a bank on the First Floor was not provided due to security and bank operations concerns. Prior to any renovation activities, an evaluation of this space should be completed. There was an active, functioning restaurant in Area 22, as identified on the drawings included with this report, therefore Pinnacle's abilities to fully evaluate this space were limited. Additional inspection and evaluation should be conducted in this space once vacated and prior to renovation activities getting underway.

The asbestos-containing spray-applied fireproofing on the beams, decks, and columns of this building was observed to have lost its adhesion and cohesion over time resulting in the presence of fireproofing debris on surfaces where the material has been applied. Asbestos-containing fireproofing debris was observed on ceilings, floors, inside of column enclosures, etc. and this condition must be considered and managed during all interior demolition and renovation activities.

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.

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 caulk on metal joints and black duct caulk in the Penthouse was found to contain less than one percent (<1%) asbestos content as verified through PLM point count methods. Although these materials are not regulated by the EPA, compliance with OSHA 29 CFR 1926.1101 is required during all renovation work that disturbs any of these materials.

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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 this area 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.

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

1/4/2022

Mike Rombke
Pinnacle Environmental Consultants, Inc.
486 Old State Route 74
Cincinnati, OH 45244

RE: Evaluation Specialist
Certification Number: ES34635
Expiration Date: 1/31/2023

Dear Mike Rombke:

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

State of Ohio
Environmental Protection Agency
Asbestos Program

Asbestos Hazard Evaluation Specialist

Mike Rombke



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



Certification Number: **ES34635** Expiration Date: **1/31/23**

DOB: 9/3/57
Card not Valid if Altered



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
FORMICA BUILDING
120 EAST FOURTH 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>						
Room 6 ceiling	12" Spline ceiling tile with rough texture	22MR-671	22B-08305	None detected	1	Friable
Room 6 ceiling	12" Spline ceiling tile with rough texture	22MR-672	22B-08306	None detected	1	Friable
Room 6 back of ceiling	Spray-applied fireproofing debris	22MR-673	22B-08307	5% Chrysotile 10% Amosite	2	Friable
Room 1 on HVAC unit 1	Cardboard duct insulation	22MR-674	22B-08308	3% Chrysotile	3	Friable
Room 3 on duct	Canvas wrap on fiberglass duct insulation	22MR-675	22B-08309	None detected	4	Friable
Room 3 at chase between buildings	Preformed-block duct insulation	22MR-676	22B-08310	8% Amosite	5	Friable
Room 3 at chase between buildings	Preformed-block duct insulation	22MR-677	22B-08311	Stopped analysis	5	Friable
Room 3 at chase between buildings	Preformed-block duct insulation	22MR-678	22B-08312	Stopped analysis	5	Friable
Room 5 pm HVAC unit	Cardboard duct insulation	22MR-679	22B-08313	Stopped analysis	3	Friable
Room 4 floor	12" Gray and white floor tile with black mastic	22MR-680	22B-08314a 22B-08314b	2% Chrysotile 3% Chrysotile	6	Nonfriable
Room 4 floor	12" Gray and white floor tile with black mastic	22MR-681	22B-08315	Stopped analysis	6	Nonfriable
Room 7 ceiling	2' x 4' Suspended ceiling tile with 12" square pattern	22MR-682	22B-08316	None detected	7	Friable
Room 7 ceiling	2' x 4' Suspended ceiling tile with 12" square pattern	22MR-683	22B-08317	None detected	7	Friable
Room 12 ceiling	2' x 2' Suspended ceiling tile with recessed edge and random holes	22MR-684	22B-08318	None detected	8	Friable
Room 13 concrete wall	Sand texture	22MR-685	22B-08319	None detected	9	Nonfriable
Room 13 concrete wall	Sand texture	22MR-686	22B-08320	None detected	9	Nonfriable
Room 13 concrete wall	Sand texture	22MR-687	22B-08321	None detected	9	Nonfriable
Room 13 floor under carpet	Yellow glue on black mastic	22MR-688	22B-08322	None detected	10	Nonfriable
Room 13 wall at floor	Tan covebase with brown glue	22MR-689	22B-08323a 22B-08323b	None detected None detected	11	Nonfriable
Room 15 floor	12" Tan and yellow floor tile with brown glue	22MR-690	22B-08324a 22B-08324b	None detected None detected	12	Nonfriable

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120 EAST FOURTH STREET
CINCINNATI, OHIO**

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<i>Basement continued</i>						
Room 15 floor	12" Tan and yellow floor tile with brown glue	22MR-691	22B-08325a 22B-08325b	None detected None detected	12	Nonfriable
Room 25 floor	12" Off-white and brown floor tile with black mastic	22MR-692	22B-08326a 22B-08326b	None detected None detected	13	Nonfriable
Room 25 floor	12" Off-white and brown floor tile with black mastic	22MR-693	22B-08327a 22B-08327b	None detected None detected	13	Nonfriable
Room 26 floor	12" Gray and black floor tile with black mastic	22MR-694	22B-08328a 22B-08328b	3% Chrysotile 5% Chrysotile	14	Nonfriable
Room 26 floor	12" Gray and black floor tile with black mastic	22MR-695	22B-08329	Stopped analysis	14	Nonfriable
Room 33 in doors 25-26	White door filler	22MR-696	22B-08330	2% Chrysotile 8% Amosite	15	Friable
Room 33 in doors 25-26	White door filler	22MR-697	22B-08331	Stopped analysis	15	Friable
Room 33 walls	Drywall	22MR-698	22B-08332	None detected	16	Nonfriable
Room 33 walls	Drywall	22MR-699	22B-08333	None detected	16	Nonfriable
Room 34 wall behind Masonite with marble finish	Yellow glue	22MR-700	22B-08334	None detected	17	Nonfriable
Room 34 wall behind Masonite with marble finish	Yellow glue	22MR-701	22B-08335	None detected	17	Nonfriable
Room 34 above abandon suspended ceiling tile	Hard fitting insulation	22MR-702	22B-08336	None detected	18	Friable
Room 41 light fixture	Paper heat shield	22MR-703	22B-08337	65% Chrysotile	19	Friable
Room 42 light fixture	Paper heat shield	22MR-704	22B-08338	Stopped analysis	19	Friable
Room 45 on beam over stairs	Spray-applied fireproofing	22MR-705	22B-08339	None detected	20	Friable
Room 45 wall	Drywall tape and joint compound	22MR-706	22B-08340	None detected	21	Nonfriable
Room 45 wall	Drywall	22MR-707	22B-08341	None detected	22	Nonfriable
Room 45 wall	Drywall, tape and joint compound (composite)	22MR-708	22B-08342	None detected	21, 22	Nonfriable
Chase between building along rooms 1 and 3 on steel	Troweled on fireproofing	22MR-709	22B-08343	None detected	23	Nonfriable
Chase between building along rooms 1 and 3 on steel	Spray-applied fireproofing	22MR-710	22B-08344	25% Chrysotile	20	Friable
Room 3 on pipe	Hard fitting insulation	22MR-711	22B-08345	None detected	18	Friable

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CINCINNATI, OHIO**

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<i>Basement continued</i>						
Room 4 wall at elevator	Drywall tape and joint compound	22MR-712	22B-08346	None detected	21	Nonfriable
Room 4 wall at elevator	Drywall	22MR-713	22B-08347	None detected	22	Nonfriable
Room 4 wall at elevator	Drywall, tape and joint compound (composite)	22MR-714	22B-08348	None detected	21, 22	Nonfriable
Room 3 on pipe	Gauze type covering	22MR-715	22B-08349	None detected	24	Friable
Room 34 on pipe	Gauze type covering	22MR-716	22B-08350	None detected	24	Friable
Room 13 ceiling	2' x 2' Suspended ceiling tile with recessed edge and random holes	22MR-717	22B-08351	None detected	8	Friable
Room 3 on duct	Canvas wrap on fiberglass duct insulation	22MR-718	22B-08352	None detected	4	Friable
Room 12 wall at floor	Tan covebase	22MR-719	22B-08353a 22B-08353b	None detected None detected	11	Nonfriable
Room 12 floor	12" Tan and black floor tile	22MR-720	22B-08354a 22B-08354b	None detected None detected	25	Nonfriable
Room 11 floor	12" Tan and black floor tile	22MR-721	22B-08355a 22B-08355b	None detected None detected	25	Nonfriable
Room 11 floor	12" Gray and dark gray floor tile	22MR-722	22B-08356a 22B-08356b	None detected None detected	26	Nonfriable
Room 12 floor	12" Gray and dark gray floor tile	22MR-723	22B-08357a 22B-08357b	None detected None detected	26	Nonfriable
<i>The following samples were collected from the First Floor</i>						
Room 1 above suspended ceiling tile	Spray-applied fireproofing debris	22MR-724	22B-09012	None detected	2	Friable
Room 1 floor	Yellow glue on black mastic	22MR-725	22B-09013	None detected	10	Nonfriable
Room 1 ceiling	2' x 2' Suspended ceiling tile with recessed edge and random holes	22MR-726	22B-09014	None detected	8	Friable
Room 2 above suspended ceiling tile	Spray-applied fireproofing debris	22MR-727	22B-09015	8% Chrysotile	2	Friable
Room 3 floor	12" Beige and brown floor tile with brown glue	22MR-728	22B-09016a 22B-09016b	None detected None detected	27	Nonfriable
Room 3 floor	12" Beige and brown floor tile with brown glue	22MR-729	22B-09017a 22B-09017b	None detected None detected	27	Nonfriable
Room 5 stairwell on beam	Spray-applied fireproofing	22MR-730	22B-09018	12% Chrysotile	20	Friable

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<i>First Floor continued</i>						
Room 10 ceiling	2' x 2' Suspended ceiling tile with lumpy texture	22MR-731	22B-09019	None detected	28	Friable
Room 7 ceiling	2' x 2' Suspended ceiling tile with lumpy texture	22MR-732	22B-09020	None detected	28	Friable
Room 7 floor under carpet	Yellow carpet glue	22MR-733	22B-09021	None detected	29	Nonfriable
Room 7 floor under carpet	Yellow carpet glue	22MR-734	22B-09022	None detected	29	Nonfriable
Room 7 wall at floor	Gray covebase	22MR-735	22B-09023a 22B-09023b	None detected None detected	30	Nonfriable
Room 8 wall at floor	Gray covebase	22MR-736	22B-09024a 22B-09024b	None detected None detected	30	Nonfriable
Room 8 floor	12" Beige and brown floor tile	22MR-737	22B-09025a 22B-09025b	None detected None detected	31	Nonfriable
Room 8 floor	12" Beige and brown floor tile	22MR-738	22B-09026a 22B-09026b	None detected None detected	31	Nonfriable
Room 11 floor	18" Tan floor tile with clear glue	22MR-739	22B-09027	None detected	32	Nonfriable
Room 11 floor	18" Tan floor tile with clear glue	22MR-740	22B-09028	None detected	32	Nonfriable
Room 11 floor	18" Gray floor tile with clear glue	22MR-741	22B-09029	None detected	33	Nonfriable
Room 11 floor	18" Gray floor tile with clear glue	22MR-742	22B-09030	None detected	33	Nonfriable
Room 11 wall	Drywall tape and joint compound	22MR-743	22B-09031	None detected	34	Nonfriable
Room 11 wall	Drywall	22MR-744	22B-09032	None detected	35	Nonfriable
Room 11 wall	Drywall, tape and joint compound (composite)	22MR-745	22B-09033	None detected	34, 35	Nonfriable
Room 11 beam behind drywall	Spray-applied fireproofing	22MR-746	22B-09034	Stopped analysis	20	Friable
Room 12 wall at floor	Black covebase	22MR-747	22B-09035a 22B-09035b	None detected None detected	36	Nonfriable
Room 12 wall at floor	Black covebase	22MR-748	22B-09036a 22B-09036b	None detected None detected	36	Nonfriable
Room 12 floor	12" Tan and beige floor tile with yellow glue	22MR-749	22B-09037a 22B-09037b	None detected None detected	37	Nonfriable
Room 12 floor	12" Tan and beige floor tile with yellow glue	22MR-750	22B-09038a 22B-09038b	None detected None detected	37	Nonfriable
Room 12 ceiling	2' x 2' Suspended ceiling tile with small fissures and recessed edge	22MR-751	22B-09039	None detected	38	Friable

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120 EAST FOURTH STREET
CINCINNATI, OHIO**

Sample Location	Sample Description	Sample ID No.	Lab ID No.	Asbestos Content	* Homogeneous Area #	Friable/ Nonfriable
First Floor continued						
Room 12 ceiling	2' x 2' Suspended ceiling tile with small fissures and recessed edge	22MR-752	22B-09040	None detected	38	Friable
Room 15 ceiling	2' x 4' Suspended ceiling tile with small holes	22MR-753	22B-09041	None detected	39	Friable
Room 14 wall	Drywall tape and joint compound	22MR-754	22B-09042	None detected	34	Nonfriable
Room 14 wall	Drywall	22MR-755	22B-09043	None detected	35	Nonfriable
Room 14 wall	Drywall, tape and joint compound (composite)	22MR-756	22B-09044	None detected	34, 35	Nonfriable
Room 17 on floor	Spray-applied fireproofing debris	22MR-757	22B-09045	Stopped analysis	2	Friable
Room 17 ceiling	2' x 4' Suspended ceiling tile with star pattern	22MR-758	22B-09046	None detected	40	Friable
Room 18 ceiling	2' x 4' Suspended ceiling tile with star pattern	22MR-759	22B-09047	None detected	40	Friable
Room 13 office area ceiling	2' x 2' Suspended ceiling tile with recessed edge, sand texture and pin holes	22MR-760	22B-09048	None detected	41	Friable
Room 13 service area ceiling	2' x 2' Suspended ceiling tile with recessed edge, sand texture and pin holes	22MR-761	22B-09049	None detected	41	Friable
Room 24 ceiling	2' x 4' Suspended ceiling tile with small holes	22MR-762	22B-09050	None detected	39	Friable
Room 23 floor	12" White and gray floor tile	22MR-763	22B-09051	None detected	42	Nonfriable
Room 24 floor	12" White and gray floor tile	22MR-764	22B-09052	None detected	42	Nonfriable
Room 26 floor	12" Gray and tan marble design floor tile	22MR-765	22B-09053	None detected	43	Nonfriable
Room 26 floor	12" Gray and tan marble design floor tile	22MR-766	22B-09054	None detected	43	Nonfriable
The following samples were collected from the Second Floor						
Room 1 ceiling	2' x 2' Suspended ceiling tile with lumpy texture and pin holes	22MR-767	22B-09300	None detected	44	Friable
Room 5 deck above suspended ceiling tile	Cellulose board	22MR-768	22B-09301	None detected	45	Friable
Room 5 floor	12" Light blue floor tile	22MR-769	22B-09302a 22B-09302b	None detected None detected	46	Nonfriable

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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>Second Floor continued</i>						
Room 5 floor	12" Light blue floor tile	22MR-770	22B-09303a 22B-09303b	None detected None detected	46	Nonfriable
Room 7 on duct	Gray duct mastic	22MR-771	22B-09304	None detected	47	Nonfriable
Room 7 on duct	Gray duct mastic	22MR-772	22B-09305	None detected	47	Nonfriable
Room 8 ceiling	2' x 2' Suspended ceiling tile with recessed edge and random holes	22MR-773	22B-09306	None detected	8	Friable
Room 9 wall	Drywall tape and joint compound	22MR-774	22B-09307	None detected	48	Nonfriable
Room 9 wall	Drywall	22MR-775	22B-09308	None detected	49	Nonfriable
Room 9 wall	Drywall, tape and joint compound (composite)	22MR-776	22B-09309	None detected	48, 49	Nonfriable
Room 9 deck above suspended ceiling tile	Cellulose board	22MR-777	22B-09310	None detected	45	Friable
Room 11 ceiling	2' x 2' Suspended ceiling tile with lumpy texture and pin holes	22MR-778	22B-09311	None detected	44	Friable
Room 24 ceiling	2' x 2' Smooth suspended ceiling tile	22MR-779	22B-09312	None detected	50	Friable
Room 24 ceiling	2' x 2' Smooth suspended ceiling tile	22MR-780	22B-09313	None detected	50	Friable
Room 28 ceiling drywall rotunda	Rough texture	22MR-781	22B-09314	None detected	51	Friable
Room 28 ceiling drywall rotunda	Rough texture	22MR-782	22B-09315	None detected	51	Friable
Room 28 ceiling drywall rotunda	Rough texture	22MR-783	22B-09316	None detected	51	Friable
Room 28 ceiling drywall rotunda	Rough texture	22MR-784	22B-09317	None detected	51	Friable
Room 28 ceiling drywall rotunda	Rough texture	22MR-785	22B-09318	None detected	51	Friable
Room 17 floor under carpet	Yellow glue on gray crack filler	22MR-786	22B-09319	None detected	52	Nonfriable
Room 17 floor under carpet	Yellow glue on gray crack filler	22MR-787	22B-09320	None detected	52	Nonfriable
Room 18 ceiling	2' x 2' Splined suspended ceiling tile	22MR-788	22B-09321	None detected	53	Friable
Room 19 ceiling	2' x 2' Splined suspended ceiling tile	22MR-789	22B-09322	None detected	53	Friable
Room 3 wall	Drywall tape and joint compound	22MR-790	22B-09323	None detected	48	Nonfriable
Room 3 wall	Drywall	22MR-791	22B-09324	None detected	49	Nonfriable

**PLM BULK SAMPLE DATA SUMMARY TABLE
FORMICA BUILDING
120 EAST FOURTH 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>Second Floor continued</i>						
Room 3 wall	Drywall, tape and joint compound (composite)	22MR-792	22B-09325	None detected	48, 49	Nonfriable
Room 3 on pipe above suspended ceiling tile	Hard fitting insulation	22MR-793	22B-09326	None detected	18	Friable
<i>The following samples were collected from the Third Floor</i>						
Room 3 ceiling	2' x 2' Suspended ceiling tile with sand texture and pin holes	22MR-794	22B-09327	None detected	54	Friable
Room 4 ceiling	2' x 2' Suspended ceiling tile with sand texture and pin holes	22MR-795	22B-09328	None detected	54	Friable
Room 1 ceiling	2' x 2' Suspended ceiling tile with beveled edge and sand texture	22MR-796	22B-09329	None detected	55	Friable
Room 5 ceiling	2' x 2' Suspended ceiling tile with beveled edge and sand texture	22MR-797	22B-09330	None detected	55	Friable
Room 7 floor	12" Medium and light gray floor tile	22MR-798	22B-09331	None detected	56	Nonfriable
Room 7 floor	12" Medium and light gray floor tile	22MR-799	22B-09332	None detected	56	Nonfriable
IT room 8 wall	Drywall tape and joint compound	22MR-800	22B-09333	None detected	57	Nonfriable
IT room 8 wall	Drywall	22MR-801	22B-09334	None detected	58	Nonfriable
IT room 8 wall	Drywall, tape and joint compound (composite)	22MR-802	22B-09335	None detected	57, 58	Nonfriable
Room 6 corner office	Drywall tape and joint compound	22MR-803	22B-09336	None detected	57	Nonfriable
Room 6 corner office	Drywall	22MR-804	22B-09337	None detected	58	Nonfriable
Room 6 corner office	Drywall, tape and joint compound (composite)	22MR-805	22B-09338	None detected	57, 58	Nonfriable
<i>The following samples were collected from the Fourth Floor</i>						
Room 5 kitchen floor	12" Very light gray floor tile	22MR-806	22B-09339a 22B-09339b	None detected None detected	59	Nonfriable
Room 5 stock room	12" Very light gray floor tile	22MR-807	22B-09340a 22B-09340b	None detected None detected	59	Nonfriable
Room 5 wall at floor	White covebase	22MR-808	22B-09341a 22B-09341b	None detected None detected	60	Nonfriable

**PLM BULK SAMPLE DATA SUMMARY TABLE
FORMICA BUILDING
120 EAST FOURTH 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>Fourth Floor continued</i>						
Room 5 wall at floor	White covebase	22MR-809	22B-09342a 22B-09342b	None detected None detected	60	Nonfriable
Room 5 wall at floor	Blue covebase	22MR-810	22B-09343a 22B-09343b	None detected None detected	61	Nonfriable
Room 5 wall at floor	Blue covebase	22MR-811	22B-09344a 22B-09344b	None detected None detected	61	Nonfriable
Room 6 wall	Drywall tape and joint compound	22MR-812	22B-09345	None detected	62	Nonfriable
Room 6 wall	Drywall	22MR-813	22B-09346	None detected	63	Nonfriable
Room 6 wall	Drywall, tape and joint compound (composite)	22MR-814	22B-09347	None detected	62, 63	Nonfriable
Room 6 wall	Drywall tape and joint compound	22MR-815	22B-09348	None detected	62	Nonfriable
Room 6 wall	Drywall	22MR-816	22B-09349	None detected	63	Nonfriable
Room 6 wall	Drywall, tape and joint compound (composite)	22MR-817	22B-09350	None detected	62, 63	Nonfriable
<i>The following samples were collected from the Fifth Floor</i>						
Room 2 on pipe	Hard fitting insulation	22MR-818	22B-09351	None detected	18	Friable
Room 2 on steel	Spray-applied fireproofing	22MR-819	22B-09352	65% Chrysotile	20	Friable
Room 5 wall	Drywall tape and joint compound	22MR-820	22B-09353	None detected	64	Nonfriable
Room 5 wall	Drywall	22MR-821	22B-09354	None detected	65	Nonfriable
Room 5 wall	Drywall, tape and joint compound (composite)	22MR-822	22B-09355	None detected	64, 65	Nonfriable
Room 5 wall	Drywall tape and joint compound	22MR-823	22B-09356	None detected	64	Nonfriable
Room 5 wall	Drywall	22MR-824	22B-09357	None detected	65	Nonfriable
Room 5 wall	Drywall, tape and joint compound (composite)	22MR-825	22B-09358	None detected	64, 65	Nonfriable
Room 5 floor	12" Tan and beige floor tile	22MR-826	22B-09359a 22B-09359b	None detected None detected	37	Nonfriable
<i>The following samples were collected from the Sixth Floor</i>						
Room 5 ceiling	2' x 2' Suspended ceiling tile with recessed edge and star pattern	22MR-827	22B-09360	None detected	66	Friable

**PLM BULK SAMPLE DATA SUMMARY TABLE
FORMICA BUILDING
120 EAST FOURTH 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>*Homo- geneous Area #</i>	<i>Friable/ Nonfriable</i>
<i>Sixth Floor continued</i>						
Room 5 ceiling	2' x 2' Suspended ceiling tile with recessed edge and star pattern	22MR-828	22B-09361	None detected	66	Friable
Room 5 wall	Drywall tape and joint compound	22MR-829	22B-09362	None detected	67	Nonfriable
Room 5 wall	Drywall	22MR-830	22B-09363	None detected	68	Nonfriable
Room 5 wall	Drywall, tape and joint compound (composite)	22MR-831	22B-09364	None detected	67, 68	Nonfriable
Room 5 wall	Drywall tape and joint compound	22MR-832	22B-09365	None detected	67	Nonfriable
Room 5 wall	Drywall	22MR-833	22B-09366	None detected	68	Nonfriable
Room 5 wall	Drywall, tape and joint compound (composite)	22MR-834	22B-09367	None detected	67, 68	Nonfriable
<i>The following samples were collected from the Seventh Floor</i>						
Room 6 floor	12" Tan and beige floor tile	22MR-835	22B-09368a 22B-09368b	None detected None detected	37	Nonfriable
Room 6 closet wall	Drywall tape and joint compound	22MR-836	22B-09369	None detected	69	Nonfriable
Room 6 closet wall	Drywall	22MR-837	22B-09370	None detected	70	Nonfriable
Room 6 closet wall	Drywall, tape and joint compound (composite)	22MR-838	22B-09371	None detected	69, 70	Nonfriable
Room 2 on pipe	Hard fitting insulations	22MR-839	22B-09372	None detected	18	Friable
Room 2 on steel	Spray-applied fireproofing	22MR-840	22B-09373	67% Chrysotile	20	Friable
Room 5 wall	Drywall tape and joint compound	22MR-841	22B-09374	None detected	69	Nonfriable
Room 5 wall	Drywall	22MR-842	22B-09375	None detected	70	Nonfriable
Room 5 wall	Drywall, tape and joint compound (composite)	22MR-843	22B-09376	None detected	69, 70	Nonfriable
<i>The following samples were collected from the Eighth Floor</i>						
Room 4 on duct	Tan duct mastic	22MR-844	22B-09377	None detected	71	Nonfriable
Room 5 above suspended ceiling tile	Spray-applied fireproofing debris	22MR-845	22B-09378	55% Chrysotile	2	Friable
Room 7 wall	Drywall tape and joint compound	22MR-846	22B-09379	None detected	72	Nonfriable
Room 7 wall	Drywall	22MR-847	22B-09380	None detected	73	Nonfriable
Room 7 wall	Drywall, tape and joint compound (composite)	22MR-848	22B-09381	None detected	72, 73	Nonfriable

**PLM BULK SAMPLE DATA SUMMARY TABLE
FORMICA BUILDING
120 EAST FOURTH 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>*Homo- geneous Area #</i>	<i>Friable/ Nonfriable</i>
<i>Eighth Floor continued</i>						
Room 8 wall	Drywall tape and joint compound	22MR-849	22B-09382	None detected	72	Nonfriable
Room 8 wall	Drywall	22MR-850	22B-09383	None detected	73	Nonfriable
Room 8 wall	Drywall, tape and joint compound (composite)	22MR-851	22B-09384	None detected	72, 73	Nonfriable
Room 6 ceiling	2' x 2' Suspended ceiling tile with star pattern	22MR-852	22B-09385	None detected	66	Friable
<i>The following samples were collected from the Ninth Floor</i>						
Room 5 floor at heater	12" Tan floor tile with gray streaks	22MR-853	22B-09386	None detected	74	Nonfriable
Room 5 floor at heater	12" Tan floor tile with gray streaks	22MR-854	22B-09387a 22B-09387b	None detected None detected	74	Nonfriable
Room 7 wall	Drywall tape and joint compound	22MR-855	22B-09388	None detected	75	Nonfriable
Room 7 wall	Drywall	22MR-856	22B-09389	None detected	76	Nonfriable
Room 7 wall	Drywall, tape and joint compound (composite)	22MR-857	22B-09390	None detected	75, 76	Nonfriable
Room 8 wall	Drywall tape and joint compound	22MR-858	22B-09391	None detected	75	Nonfriable
Room 8 wall	Drywall	22MR-859	22B-09392	None detected	76	Nonfriable
Room 8 wall	Drywall, tape and joint compound (composite)	22MR-860	22B-09393	None detected	75, 76	Nonfriable
Room 8 floor	12" Gray floor tile	22MR-861	22B-09394a 22B-09394b	None detected None detected	77	Nonfriable
Room 8 floor	12" Gray floor tile	22MR-862	22B-09395a 22B-09395b	None detected None detected	77	Nonfriable
Room 8 wall at floor	Green covebase	22MR-863	22B-09396a 22B-09396b	None detected None detected	78	Nonfriable
Room 8 wall at floor	Green covebase	22MR-864	22B-09397a 22B-09397b	None detected None detected	78	Nonfriable
Room 8 floor	12" Green floor tile	22MR-865	22B-09398a 22B-09398b	None detected None detected	79	Nonfriable
Room 8 floor	12" Green floor tile	22MR-866	22B-09399a 22B-09399b	None detected None detected	79	Nonfriable
Room 8 floor	White floor tile with black mastic	22MR-867	22B-09400a 22B-09400b	None detected None detected	80	Nonfriable

**PLM BULK SAMPLE DATA SUMMARY TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Sample Location	Sample Description	Sample ID No.	Lab ID No.	Asbestos Content	* Homo- geneous Area #	Friable/ Nonfriable
<i>Ninth Floor continued</i>						
Room 8 floor	White floor tile with black mastic	22MR-868	22B-09401a 22B-09401b	None detected None detected	80	Nonfriable
Room 4 duct above suspended ceiling tile	Tan duct mastic	22MR-869	22B-09402	None detected	71	Nonfriable
<i>The following samples were collected from the Tenth Floor</i>						
Room 5 floor	12" Pink and blue floor tile	22MR-870	22B-09403a 22B-09403b	None detected 2% Chrysotile	81 (mastic)	Nonfriable
Room 5 floor	12" Pink and blue floor tile	22MR-871	22B-09404	Stopped analysis	81	Nonfriable
Room 6 floor	12" Gray floor tile with black dents and black mastic	22MR-872	22B-09405a 22B-09405b	None detected 2% Chrysotile	82 (mastic)	Nonfriable
Room 6 floor	12" Gray floor tile with black dents and black mastic	22MR-873	22B-09406	Stopped analysis	82	Nonfriable
Room 6 wall	Drywall tape and joint compound	22MR-874	22B-09407	None detected	83	Nonfriable
Room 6 wall	Drywall	22MR-875	22B-09408	None detected	84	Nonfriable
Room 6 wall	Drywall, tape and joint compound (composite)	22MR-876	22B-09409	None detected	83, 84	Nonfriable
Room 7 wall	Drywall tape and joint compound	22MR-877	22B-09410	None detected	83	Nonfriable
Room 7 wall	Drywall	22MR-878	22B-09411	None detected	84	Nonfriable
Room 7 wall	Drywall, tape and joint compound (composite)	22MR-879	22B-09412	None detected	83, 84	Nonfriable
Room 2 on pipe	Hard fitting insulation	22MR-880	22B-09413	None detected	18	Friable
Room 2 on steel	Spray-applied fireproofing	22MR-881	22B-09414	45% Chrysotile	20	Friable
<i>The following samples were collected from the Eleventh Floor</i>						
Room 5 east wall in closet	Drywall tape and joint compound	22MR-882	22B-09415	None detected	85	Nonfriable
Room 5 east wall in closet	Drywall	22MR-883	22B-09416	None detected	86	Nonfriable
Room 5 east wall in closet	Drywall, tape and joint compound (composite)	22MR-884	22B-09417	None detected	85, 86	Nonfriable
Room 5 west closet wall	Drywall tape and joint compound	22MR-885	22B-09418	None detected	85	Nonfriable
Room 5 west closet wall	Drywall	22MR-886	22B-09419	None detected	86	Nonfriable
Room 5 west closet wall	Drywall, tape and joint compound (composite)	22MR-887	22B-09420	None detected	85, 86	Nonfriable

**PLM BULK SAMPLE DATA SUMMARY TABLE
FORMICA BUILDING
120 EAST FOURTH 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>*Homo- geneous Area #</i>	<i>Friable/ Nonfriable</i>
<i>The following samples were collected from the Twelfth Floor</i>						
Room 5 closet wall	Drywall tape and joint compound	22MR-888	22B-09421	None detected	87	Nonfriable
Room 5 closet wall	Drywall	22MR-889	22B-09422	None detected	88	Nonfriable
Room 5 closet wall	Drywall, tape and joint compound (composite)	22MR-890	22B-09423	None detected	87, 88	Nonfriable
Room 7 wall at floor	Cream covebase	22MR-891	22B-09424	None detected	89	Nonfriable
Room 7 wall at floor	Cream covebase	22MR-892	22B-09425	None detected	89	Nonfriable
Room 7 wall	Drywall tape and joint compound	22MR-893	22B-09426	None detected	87	Nonfriable
Room 7 wall	Drywall	22MR-894	22B-09427	None detected	88	Nonfriable
Room 7 wall	Drywall, tape and joint compound (composite)	22MR-895	22B-09428	None detected	87, 88	Nonfriable
<i>The following samples were collected from the Thirteenth Floor</i>						
Room 5 southwest corner wall	Drywall tape and joint compound	22MR-896	22B-09429	None detected	89	Nonfriable
Room 5 southwest corner wall	Drywall	22MR-897	22B-09430	None detected	90	Nonfriable
Room 5 southwest corner wall	Drywall, tape and joint compound (composite)	22MR-898	22B-09431	None detected	89, 90	Nonfriable
Room 5 southeast office wall	Drywall tape and joint compound	22MR-899	22B-09432	None detected	89	Nonfriable
Room 5 southeast office wall	Drywall	22MR-900	22B-09433	None detected	90	Nonfriable
Room 5 southeast office wall	Drywall, tape and joint compound (composite)	22MR-901	22B-09434	None detected	89, 90	Nonfriable
Room 5 wall at floor	Maroon covebase	22MR-902	22B-09435a 22B-09435b	None detected None detected	91	Nonfriable
Room 5 wall at floor	Maroon covebase	22MR-903	22B-09436a 22B-09436b	None detected None detected	91	Nonfriable
Room 1 pipe in closet	Hard fitting insulation	22MR-904	22B-09437	None detected	18	Friable
Room 1 duct in closet	Spray-applied fireproofing debris	22MR-905	22B-09438	55% Chrysotile	2	Friable
<i>The following samples were collected from the Penthouse</i>						
South metal wall	Caulk at metal joints	22MR-906	22B-09439	Trace Chrysotile*	92	Nonfriable
South metal wall	Caulk at metal joints	22MR-907	22B-09440	0.25% Chrysotile*	92	Nonfriable
Large duct	Black duct caulk	22MR-908	22B-09441	0.75% Chrysotile*	93	Nonfriable
Large duct	Black duct caulk	22MR-909	22B-09442	0.50% Chrysotile*	93	Nonfriable

**PLM BULK SAMPLE DATA SUMMARY TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Sample Location	Sample Description	Sample ID No.	Lab ID No.	Asbestos Content	* Homogeneous Area #	Friable/ Nonfriable
<i>Penthouse continued</i>						
Air handler 1	Vibration joint	22MR-910	22B-09443	None detected	94	Nonfriable
Upper mechanical room air handler	Vibration joint	22MR-911	22B-09444	None detected	95	Nonfriable
Upper mechanical room on pipe	Hard fitting insulation	22MR-912	22B-09445	None detected	18	Nonfriable

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

*Denotes that the asbestos content was verified with point counting

- 1 - 12" Spline ceiling tile with rough texture
- 2 - Spray-applied fireproofing debris**
- 3 - Cardboard duct insulation**
- 4 - Canvas wrap on fiberglass duct insulation
- 5 - Preformed-block duct insulation**
- 6 - 12" Gray and white floor tile with black mastic**
- 7 - 2' x 4' Suspended ceiling tile with black mastic
- 8 - 2' x 2' Suspended ceiling tile with recessed edge and random holes
- 9 - Sand texture
- 10 - Yellow glue on black mastic
- 11 - Tan covebase with brown glue
- 12 - 12" Tan and yellow floor tile with brown glue
- 13 - 12" Off-white and brown floor tile with black mastic
- 14 - 12" Gray and black floor tile with black mastic**
- 15 - White door filler**
- 16 - Drywall
- 17 - Yellow glue
- 18 - Hard fitting
- 19 - Paper heat shield**
- 20 - Spray-applied fireproofing**
- 21 - Drywall tape and joint compound
- 22 - Drywall
- 23 - Troweled on fireproofing
- 24 - Gauze type covering
- 25 - 12" Tan and black floor tile
- 26 - 12" Gray and dark gray floor tile
- 27 - 12" Beige and brown floor tile with brown glue
- 28 - 2' x 2' Suspended ceiling tile with lumpy texture
- 29 - Yellow carpet glue
- 30 - Gray covebase
- 31 - 12" Beige and brown floor tile
- 32 - 18" Tan floor tile with clear glue
- 33 - 18" Gray floor tile with clear glue
- 34 - Drywall tape and joint compound
- 35 - Drywall
- 36 - Black covebase
- 37 - 12" Tan and beige floor tile with yellow glue
- 38 - 2' x 2' Suspended ceiling tile with small fissures and recessed edge
- 39 - 2' x 4' Suspended ceiling tile with small holes
- 40 - 2' x 4' Suspended ceiling tile with star pattern
- 41 - 2' x 2' Suspended ceiling tile with recessed edge, sand texture and pin holes
- 42 - 12" White and gray floor tile
- 43 - 12" Gray and tan marble design floor tile
- 44 - 2' x 2' Suspended ceiling tile with lumpy texture and pin holes
- 45 - Cellulose board

**PLM BULK SAMPLE DATA SUMMARY TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

- 46 - 12" Light blue floor tile
- 47 - Gray duct mastic
- 48 - Drywall tape and joint compound
- 49 - Drywall
- 50 - 2' x 2' Smooth suspended ceiling tile
- 51 - Rough texture
- 52 - Yellow glue on gray crack filler
- 53 - 2' x 2' Splined suspended ceiling tile
- 54 - 2' x 2' Suspended ceiling tile with sand texture and pin holes
- 55 - 2' x 2' Suspended ceiling tile with beveled edge and sand texture
- 56 - 12" Medium and light gray floor tile
- 57 - Drywall tape and joint compound
- 58 - Drywall
- 59 - 12" Very light gray floor tile
- 60 - White covebase
- 61 - Blue covebase
- 62 - Drywall tape and joint compound
- 63 - Drywall
- 64 - Drywall tape and joint compound
- 65 - Drywall
- 66 - 2' x 2' Suspended ceiling tile with recessed edge and star pattern
- 67 - Drywall tape and joint compound
- 68 - Drywall
- 69 - Drywall tape and joint compound
- 70 - Drywall
- 71 - Tan duct mastic
- 72 - Drywall tape and joint compound
- 73 - Drywall
- 74 - 12" Tan floor tile with gray streaks
- 75 - Drywall tape and joint compound
- 76 - Drywall
- 77 - 12" Gray floor tile
- 78 - Green covebase
- 79 - 12" Green floor tile
- 80 - White floor tile with black mastic
- 81 - 12" Pink and blue floor tile**
- 82 - 12" Gray floor tile with black dents and black mastic**
- 83 - Drywall tape and joint compound
- 84 - Drywall
- 85 - Drywall tape and joint compound
- 86 - Drywall
- 87 - Drywall tape and joint compound
- 88 - Drywall
- 89 - Cream covebase
- 90 - Drywall
- 91 - Maroon covebase
- 92 - Caulk at metal joints
- 93 - Black duct caulk
- 94 - Vibration joint
- 95 - Vibration joint

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: 4/11/2022

RE: Formica Building Basement

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-671	22B-08305		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 % Fiber Glass: 25% Others: 0% Filler/Binder: 75 %			

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-672	22B-08306		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 % Fiber Glass: 33% Others: 0% Filler/Binder: 67 %			

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-673	22B-08307		Grey
Texture/Description: Solid/			
TOTAL ASBESTOS: 15 %			
Cellulose: 0 % Fiber Glass: 0% Others: 0% Filler/Binder: 85 %			

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-674	22B-08308		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 3 %			
Cellulose: 0 % Fiber Glass: 0% Others: 55% Filler/Binder: 42 %			

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-675	22B-08309		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 % Fiber Glass: 0% Others: 67% Filler/Binder: 33 %			

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-676	22B-08310		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 8 %			
Cellulose: 0 % Fiber Glass: 0% Others: 0% Filler/Binder: 92 %			

RE: Formica Building Basement

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22MR-677	22B-08311	STOPPED ANALYSIS		
Texture/Description: /		Chrysotile:	Tremolite:	Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite:	Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22MR-678	22B-08312	STOPPED ANALYSIS		
Texture/Description: /		Chrysotile:	Tremolite:	Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite:	Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22MR-679	22B-08313	STOPPED ANALYSIS		
Texture/Description: /		Chrysotile:	Tremolite:	Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite:	Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22MR-680	22B-08314a		Brown	
Texture/Description: Solid/Vinyl Like		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:	
22MR-680	22B-08314b		Black	
Texture/Description: Solid/Mastic Like		Chrysotile: 3 %	Tremolite: 0%	Anthophyllite: 0%
TOTAL ASBESTOS: 3 %		Amosite: 0%	Actinolite: 0%	Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 97 %	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22MR-681	22B-08315	STOPPED ANALYSIS		
Texture/Description: /		Chrysotile:	Tremolite:	Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite:	Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:	

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22MR-682	22B-08316		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 #:	LOCATION:	COLOR:	
22MR-683	22B-08317		White	
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: Formica Building Basement

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-684	22B-08318		Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 65 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 35 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-685	22B-08319		Tan
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:
22MR-686	22B-08320		Tan
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:
22MR-687	22B-08321		Tan
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 4 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 96 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-688	22B-08322		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:
22MR-689	22B-08323a		Brown
Texture/Description:	Solid/Vinyl Like	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:
22MR-689	22B-08323b		Brown
Texture/Description:	Solid/Mastic Like	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:
22MR-690	22B-08324a		White
Texture/Description:	Solid/Vinyl Like	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: Formica Building Basement

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-690	22B-08324b		Brown
Texture/Description:	Solid/Mastic Like	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:
22MR-691	22B-08325a		White
Texture/Description:	Solid/Vinyl Like	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:
22MR-691	22B-08325b		Brown
Texture/Description:	Solid/Mastic Like	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 6%	Filler/Binder: 94 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-692	22B-08326a		Cream
Texture/Description:	Solid/Vinyl Like	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:
22MR-692	22B-08326b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-693	22B-08327a		Cream
Texture/Description:	Solid/Vinyl Like	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:
22MR-693	22B-08327b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-694	22B-08328a		Grey
Texture/Description:	Solid/Vinyl Like	Chrysotile: 3 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	3 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 97 %

RE: Formica Building Basement

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-694	22B-08328b		Black
Texture/Description:	Solid/Mastic Like	Chrysotile: 5 %	Tremolite: 0% 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:
22MR-695	22B-08329	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-696	22B-08330		White
Texture/Description:	Solid/	Chrysotile: 2 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	10 %	Amosite: 8%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-697	22B-08331	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-698	22B-08332		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:
22MR-699	22B-08333		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:
22MR-700	22B-08334		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:
22MR-701	22B-08335		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: 2%	Filler/Binder: 98 %

RE: Formica Building Basement

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-702	22B-08336		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 8%	Others: 0%	Filler/Binder: 92 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-703	22B-08337		White/Silver
Texture/Description:	Solid/	Chrysotile: 65%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	65 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 35 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-704	22B-08338	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-705	22B-08339		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 75%	Others: 0%	Filler/Binder: 25 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-706	22B-08340		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:
22MR-707	22B-08341		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:
22MR-708	22B-08342		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:
22MR-709	22B-08343		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 25%	Others: 0%	Filler/Binder: 75 %

RE: Formica Building Basement

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-710	22B-08344		Grey
Texture/Description:	Solid/	Chrysotile: 25%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	25 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 50%	Others: 0%	Filler/Binder: 25 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-711	22B-08345		White
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:
22MR-712	22B-08346		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:
22MR-713	22B-08347		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-714	22B-08348		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:
22MR-715	22B-08349		Silver/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 15%	Others: 65%	Filler/Binder: 20 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-716	22B-08350		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: 90%	Filler/Binder: 10 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-717	22B-08351		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 %

RE: Formica Building Basement

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-718	22B-08352		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: 75%	Filler/Binder: 25 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-719	22B-08353a		Brown
Texture/Description:	Solid/Vinyl Like	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:
22MR-719	22B-08353b		Brown
Texture/Description:	Solid/Mastic Like	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:
22MR-720	22B-08354a		Beige
Texture/Description:	Solid/Vinyl Like	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:
22MR-720	22B-08354b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-721	22B-08355a		Beige
Texture/Description:	Solid/Vinyl Like	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:
22MR-721	22B-08355b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-722	22B-08356a		Grey
Texture/Description:	Solid/Vinyl Like	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: Formica Building Basement

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-722	22B-08356b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-723	22B-08357a		Grey
Texture/Description:	Solid/Vinyl Like	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:
22MR-723	22B-08357b		Yellow
Texture/Description:	Solid/Mastic Like	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%

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

STOP ANALYSIS AT FIRST POSITIVE COREATER
THAN 1% ASBESTOS FOR SAMPLES

- 1 22MR-671-672
- 2 22MR-673
- 3 22MR-674-679
- 4 22MR-675-718
- 5 22MR-676-677-678
- 6 22MR-680-681
- 7 22MR-682-683
- 8 22MR-684-717
- 9 22MR-685-686-687
- 10 22MR-688
- 11 22MR-689-719
- 12 22MR-690-691
- 13 22MR-692-693
- 14 22MR-694-695
- 15 22MR-696-697
- 16 22MR-698-699
- 17 22MR-700-701
- 18 22MR-702-711
- 19 22MR-703-704
- 20 22MR-705-710
- 21 22MR-706-712
- 22 707-713
- 23/22 708-714
- 23 22MR-709
- 24 22MR-715-716
- 25 22MR-720-721
- 26 22MR-722-723



10 INDEPENDENT AVENUE
 NITRO, WV 25143
 PHONE 304.757.5204
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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

Client Project/PO#: 22-0064
 PC Project #:
 Received Date: 4/15/2022
 Analysis Date: 4/18/2022

RE: Formica Bldg - 1st Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-724	22B-09012		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 80 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 20 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-725	22B-09013		Yellow
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 5 %	Fiber Glass: 0 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 95 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-726	22B-09014		Beige/White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 38 %	Fiber Glass: 4 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 58 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-727	22B-09015		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 8 %			
Cellulose: 0 %	Fiber Glass: 70 %	Chrysotile: 8 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 22 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-728	22B-09016a		Beige
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:
22MR-728	22B-09016b		Yellow
Texture/Description: Solid/Mastic			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 100 %

RE: Formica Bldg - 1st Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-729	22B-09017a		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:
22MR-729	22B-09017b		Yellow
Texture/Description:	Solid/Mastic	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:
22MR-730	22B-09018		White
Texture/Description:	Solid/	Chrysotile: 12 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	12 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 0 %	Fiber Glass: 70 %	Others: 0 %	Filler/Binder: 18 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-731	22B-09019		Beige/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 30 %	Fiber Glass: 15 %	Others: 0 %	Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-732	22B-09020		Beige/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0 % Anthophyllite 0 %
TOTAL ASBESTOS:	0 %	Amosite: 0 %	Actinolite: 0 % Crocidolite: 0 %
Cellulose: 30 %	Fiber Glass: 15 %	Others: 0 %	Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-733	22B-09021		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:
22MR-734	22B-09022		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:
22MR-735	22B-09023a		Green
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: Formica Bldg - 1st Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-735	22B-09023b		Beige
Texture/Description:	Solid/Mastic	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:
22MR-736	22B-09024a		Green
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:
22MR-736	22B-09024b		Beige
Texture/Description:	Solid/Mastic	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:
22MR-737	22B-09025a		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:
22MR-737	22B-09025b		Yellow
Texture/Description:	Solid/Mastic	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:
22MR-738	22B-09026a		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:
22MR-738	22B-09026b		Yellow
Texture/Description:	Solid/Mastic	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:
22MR-739	22B-09027		Beige
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 %

RE: Formica Bldg - 1st Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-740	22B-09028		Beige
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:
22MR-741	22B-09029		Beige
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:
22MR-742	22B-09030		Beige
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:
22MR-743	22B-09031		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:
22MR-744	22B-09032		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:
22MR-745	22B-09033		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:
22MR-746	22B-09034	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-747	22B-09035a		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%

RE: Formica Bldg - 1st Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-747	22B-09035b		Yellow
Texture/Description:	Solid/Mastic	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:
22MR-748	22B-09036a		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:
22MR-748	22B-09036b		Yellow
Texture/Description:	Solid/Mastic	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:
22MR-749	22B-09037a		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:
22MR-749	22B-09037b		Yellow
Texture/Description:	Solid/Mastic	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:
22MR-750	22B-09038a		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:
22MR-750	22B-09038b		Yellow
Texture/Description:	Solid/Mastic	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:
22MR-751	22B-09039		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 %

RE: Formica Bldg - 1st Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-752	22B-09040		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:
22MR-753	22B-09041		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:
22MR-754	22B-09042		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:
22MR-755	22B-09043		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 5 %	Fiber Glass: 4%	Others: 0%	Filler/Binder: 91 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-756	22B-09044		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 5 %	Fiber Glass: 4%	Others: 0%	Filler/Binder: 91 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-757	22B-09045	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-758	22B-09046		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 35%	Others: 0%	Filler/Binder: 50 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-759	22B-09047		Beige
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 35%	Others: 0%	Filler/Binder: 50 %

RE: Formica Bldg - 1st Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-760	22B-09048		Beige/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 32 %	Fiber Glass: 5%	Others: 0%	Filler/Binder: 63 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-761	22B-09049		Beige/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 32 %	Fiber Glass: 5%	Others: 0%	Filler/Binder: 63 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-762	22B-09050		Beige/White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 32 %	Fiber Glass: 5%	Others: 0%	Filler/Binder: 63 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-763	22B-09051		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:
22MR-764	22B-09052		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:
22MR-765	22B-09053		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:
22MR-766	22B-09054		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%

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
Miranda Reedy

STOP ANALYSIS AT FIRST POSITIVE COREATER
THAN 1% ASBESTOS FOR SAMPLES

2 22MR-724 - 727 - 757
16 22MR-725
8 22MR-726
27 22MR-728 - 729
26 22MR-730 - 746
28 22MR-731 - 732
29 22MR-733 - 734
30 22MR-735 - 736
31 22MR-737 - 738
32 22MR-739 - 740
33 22MR-741 742
34 22MR-743 - 754
35 744 - 755
34/35 745 - 756 COMPOSITE
36 22MR-747 - 748
37 22MR-749 - 750
38 22MR-751 - 752
39 22MR-753 - 762
40 22MR-758 - 759
41 22MR-760 - 761
42 22MR-763 - 764
43 22MR-765 - 766



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: 4/19/2022
 Analysis Date: 4/21/2022

RE: Formica Bldg - 2nd & 3rd Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-767	22B-09300		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 45 %	Fiber Glass: 0 %	Chrysotile: 0 % Amosite: 0 % Others: 0 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 55 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-768	22B-09301		Brown
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:
22MR-769	22B-09302a		White
Texture/Description: Solid/Vinyl Like			
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:
22MR-769	22B-09302b		Yellow
Texture/Description: Solid/Mastic Like			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0 %	Chrysotile: 0 % Amosite: 0 % Others: 2 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-770	22B-09303a		White
Texture/Description: Solid/Vinyl Like			
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:
22MR-770	22B-09303b		Yellow
Texture/Description: Solid/Mastic Like			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0 %	Chrysotile: 0 % Amosite: 0 % Others: 2 %	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 98 %

RE: Formica Bldg - 2nd & 3rd Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-771	22B-09304		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:
22MR-772	22B-09305		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:
22MR-773	22B-09306		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-774	22B-09307		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:
22MR-775	22B-09308		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-776	22B-09309		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:
22MR-777	22B-09310		Brown
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:
22MR-778	22B-09311		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 %

RE: Formica Bldg - 2nd & 3rd Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:	
22MR-779	22B-09312		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:	
22MR-780	22B-09313		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:	
22MR-781	22B-09314		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:	
22MR-782	22B-09315		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:	
22MR-783	22B-09316		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:	
22MR-784	22B-09317		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:	
22MR-785	22B-09318		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:	
22MR-786	22B-09319		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: 2 %	Filler/Binder: 98 %	

RE: Formica Bldg - 2nd & 3rd Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-787	22B-09320		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:
22MR-788	22B-09321		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:
22MR-789	22B-09322		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 16 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 84 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-790	22B-09323		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:
22MR-791	22B-09324		White/Brown
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:
22MR-792	22B-09325		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:
22MR-793	22B-09326		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-794	22B-09327		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 %

RE: Formica Bldg - 2nd & 3rd Floor

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-795	22B-09328		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 30 %	Fiber Glass: 3%	Others: 0%	Filler/Binder: 67 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-796	22B-09329		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 15 %	Fiber Glass: 15%	Others: 0%	Filler/Binder: 70 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-797	22B-09330		White
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 20 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 70 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-798	22B-09331		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:
22MR-799	22B-09332		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:
22MR-800	22B-09333		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:
22MR-801	22B-09334		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:
22MR-802	22B-09335		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 %

RE: Formica Bldg - 2nd & 3rd Floor

CLIENT ID #:	LAB ID #:
22MR-803	22B-09336

LOCATION:

COLOR:

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 #:
22MR-804	22B-09337

LOCATION:

COLOR:

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 #:
22MR-805	22B-09338

LOCATION:

COLOR:

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 %

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

FORMICA BLDG 22-0064

4/18/22

STOP ANALYSIS AT FIRST POSITIVE COREATER
THAN 1% ASBESTOS FOR SAMPLES

44 22MR-767-778
45 22MR-768-777
46 22MR-769-770
47 22MR-771-772
48 22MR-774-790
49 775-791
48/49 776-792 COMPOSITE
50 22MR-779-780
51 22MR-781-782-783-784-785
52 22MR-786-787
53 22MR-788-789
54 22MR-794-795
55 22MR-796-797
56 22MR-798-799
57 22MR-800-803
58 801-804
57/58 802-805 COMPOSITE



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: 4/19/2022
 Analysis Date: 4/22/2022

RE: Formica Bldg. - 4th 5th 6th 7th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-806	22B-09339a		Grey
Texture/Description: Solid/Vinyl Like			
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:
22MR-806	22B-09339b		Yellow
Texture/Description: Solid/Mastic Like			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0%	Chrysotile: 0 % Amosite: 0 % Others: 2%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-807	22B-09340a		Grey
Texture/Description: Solid/Vinyl Like			
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:
22MR-807	22B-09340b		Yellow
Texture/Description: Solid/Mastic Like			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0%	Chrysotile: 0 % Amosite: 0 % Others: 2%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-808	22B-09341a		White
Texture/Description: Solid/Vinyl Like			
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:
22MR-808	22B-09341b		Yellow
Texture/Description: Solid/Mastic Like			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 0%	Chrysotile: 0 % Amosite: 0 % Others: 4%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 96 %

RE: Formica Bldg. - 4th 5th 6th 7th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-809	22B-09342a		White
Texture/Description:	Solid/Vinyl Like	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:
22MR-809	22B-09342b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-810	22B-09343a		Blue
Texture/Description:	Solid/Vinyl Like	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:
22MR-810	22B-09343b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-811	22B-09344a		Blue
Texture/Description:	Solid/Vinyl Like	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:
22MR-811	22B-09344b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-812	22B-09345		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:
22MR-813	22B-09346		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 %

RE: Formica Bldg. - 4th 5th 6th 7th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-814	22B-09347		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:
22MR-815	22B-09348		White/Brown
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 12 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 88 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-816	22B-09349		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:
22MR-817	22B-09350		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:
22MR-818	22B-09351		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-819	22B-09352		White
Texture/Description:	Solid/	Chrysotile: 65%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	65 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 35 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-820	22B-09353		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:
22MR-821	22B-09354		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 %

RE: Formica Bldg. - 4th 5th 6th 7th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-822	22B-09355		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:
22MR-823	22B-09356		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:
22MR-824	22B-09357		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:
22MR-825	22B-09358		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:
22MR-826	22B-09359a		Grey
Texture/Description:	Solid/Vinyl Like	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:
22MR-826	22B-09359b		Brown
Texture/Description:	Solid/Mastic Like	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:
22MR-827	22B-09360		White
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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-828	22B-09361		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 %

RE: Formica Bldg. - 4th 5th 6th 7th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-829	22B-09362		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:
22MR-830	22B-09363		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-831	22B-09364		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-832	22B-09365		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:
22MR-833	22B-09366		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-834	22B-09367		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:
22MR-835	22B-09368a		White
Texture/Description:	Solid/Vinyl Like	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:
22MR-835	22B-09368b		Yellow
Texture/Description:	Solid/Mastic Like	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 %

RE: Formica Bldg. - 4th 5th 6th 7th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-836	22B-09369		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:
22MR-837	22B-09370		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:
22MR-838	22B-09371		White/Brown
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:
22MR-839	22B-09372		Grey
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:
22MR-840	22B-09373		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:
22MR-841	22B-09374		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-842	22B-09375		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:
22MR-843	22B-09376		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 %

RE: Formica Bldg. - 4th 5th 6th 7th Floors

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

FORMICA BLDG 22-0064 4/13/22
STOP ANALYSIS AT FIRST POSITIVE COREATER
THAN 1% ASBESTOS FOR SAMPLES

59	22MR-806-807	
60	22MR-808-809	
61	22MR-810-811	
62	22MR-812-815	
63	813-816	
64/67	814-817	COMPOSITE
64	22MR-820-823	
65	821-824	
64/65	822-825	COMPOSITE
66	22MR-827-828	
67	22MR-829-832	
68	830-833	
67/68	831-834	COMPOSITE
69	22MR-836-841	
70	837-842	
64/70	838-843	COMPOSITE



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: 4/19/2022
 Analysis Date: 4/25/2022

RE: Formica Bldg. 8th/9th/10th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-844	22B-09377		Grey/White
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 0 %	Fiber Glass: 15%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 85 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-845	22B-09378		White
Texture/Description: Solid/			
TOTAL ASBESTOS: 55 %			
Cellulose: 0 %	Fiber Glass: 0%	Chrysotile: 55 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 45 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-846	22B-09379		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 12 %	Fiber Glass: 0%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 88 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-847	22B-09380		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 8 %	Fiber Glass: 0%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 92 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-848	22B-09381		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 20 %	Fiber Glass: 0%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 80 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-849	22B-09382		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 10 %	Fiber Glass: 0%	Chrysotile: 0 % Amosite: 0 % Others: 0%	Tremolite: 0 % Actinolite: 0 % Crocidolite: 0 % Filler/Binder: 90 %

RE: Formica Bldg. 8th/9th/10th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-850	22B-09383		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-851	22B-09384		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:
22MR-852	22B-09385		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:
22MR-853	22B-09386		Cream
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:
22MR-854	22B-09387a		Cream
Texture/Description:	Solid/Vinyl Like	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:
22MR-854	22B-09387b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-855	22B-09388		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:
22MR-856	22B-09389		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: Formica Bldg. 8th/9th/10th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-857	22B-09390		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:
22MR-858	22B-09391		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:
22MR-859	22B-09392		White/Brown
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:
22MR-860	22B-09393		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:
22MR-861	22B-09394a		Grey
Texture/Description:	Solid/Vinyl Like	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:
22MR-861	22B-09394b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-862	22B-09395a		Grey
Texture/Description:	Solid/Vinyl Like	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:
22MR-862	22B-09395b		Yellow
Texture/Description:	Solid/Mastic Like	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 %

RE: Formica Bldg. 8th/9th/10th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-863	22B-09396a		Green
Texture/Description:	Solid/Vinyl Like	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:
22MR-863	22B-09396b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-864	22B-09397a		Green
Texture/Description:	Solid/Vinyl Like	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:
22MR-864	22B-09397b		Yellow
Texture/Description:	Solid/Mastic Like	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 16 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 84 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-865	22B-09398a		Blue
Texture/Description:	Solid/Vinyl Like	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:
22MR-865	22B-09398b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-866	22B-09399a		Blue
Texture/Description:	Solid/Vinyl Like	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:
22MR-866	22B-09399b		Yellow
Texture/Description:	Solid/Mastic Like	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: Formica Bldg. 8th/9th/10th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-867	22B-09400a		White
Texture/Description:	Solid/Vinyl Like	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:
22MR-867	22B-09400b		Black
Texture/Description:	Solid/Mastic Like	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:
22MR-868	22B-09401a		White
Texture/Description:	Solid/Vinyl Like	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:
22MR-868	22B-09401b		Black
Texture/Description:	Solid/Mastic Like	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:
22MR-869	22B-09402		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:
22MR-870	22B-09403a		Tan
Texture/Description:	Solid/Vinyl Like	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:
22MR-870	22B-09403b		Black
Texture/Description:	Solid/Mastic Like	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:
22MR-871	22B-09404	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:		Others:	Filler/Binder:

RE: Formica Bldg. 8th/9th/10th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-872	22B-09405a		White
Texture/Description:	Solid/Vinyl Like	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:
22MR-872	22B-09405b		Black
Texture/Description:	Solid/Mastic Like	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:
22MR-873	22B-09406	STOPPED ANALYSIS	
Texture/Description:	/	Chrysotile:	Tremolite: Anthophyllite:
TOTAL ASBESTOS:		Amosite:	Actinolite: Crocidolite:
Cellulose:	Fiber Glass:	Others:	Filler/Binder:

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-874	22B-09407		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-875	22B-09408		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:
22MR-876	22B-09409		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:
22MR-877	22B-09410		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:
22MR-878	22B-09411		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 %

RE: Formica Bldg. 8th/9th/10th Floors

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-879	22B-09412		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:
22MR-880	22B-09413		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-881	22B-09414		White
Texture/Description:	Solid/	Chrysotile: 45%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	45 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 55 %

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: Wanda Ready

FORMICA BLDG 22-0064

4/18/22

STOP ANALYSIS AT FIRST POSITIVE COREATER
THAN 1% ASBESTOS FOR SAMPLES

71 22MR- 844 - 869
72 22MR- 846 - 849
73 847 - 850
22/73 848 - 851 COMPOSITE
74 22MR- 853 - 854
75 22MR- 855 - 858
76 856 - 859
22/76 857 - 860 COMPOSITE
77 22MR- 861 - 862
78 22MR- 863 - 864
79 22MR- 865 - 866
80 22MR- 867 - 868
71 22MR- 870 - 871
22MR- 872 - 873
22MR- 874 - 877
875 - 878
876 - 879



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 NITRO, WV 25143
 PHONE 304.757.5204
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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

Client Project/PO#: 22-0064
 PC Project #:
 Received Date: 4/19/2022
 Analysis Date: 4/25/2022

RE: Formica Bldg. 11th/12th/15th/Penthouse No 13 or 14th Flr

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-882	22B-09415		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 25 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 75 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-883	22B-09416		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 5 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 95 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-884	22B-09417		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 30 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 70 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-885	22B-09418		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 18 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 82 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-886	22B-09419		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 2 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 98 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-887	22B-09420		White/Brown
Texture/Description: Solid/			
TOTAL ASBESTOS: 0 %			
Cellulose: 20 %	Fiber Glass: 0 %	Others: 0 %	Filler/Binder: 80 %

RE: Formica Bldg. 11th/12th/15th/Penthouse No 13 or 14th Flr

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-888	22B-09421		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:
22MR-889	22B-09422		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-890	22B-09423		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:
22MR-891	22B-09424		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-892	22B-09425		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:
22MR-893	22B-09426		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:
22MR-894	22B-09427		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-895	22B-09428		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 %

RE: Formica Bldg. 11th/12th/15th/Penthouse No 13 or 14th Flr

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-896	22B-09429		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:
22MR-897	22B-09430		White/Brown
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:
22MR-898	22B-09431		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:
22MR-899	22B-09432		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:
22MR-900	22B-09433		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 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-901	22B-09434		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:
22MR-902	22B-09435a		Purple
Texture/Description:	Solid/Vinyl Like	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:
22MR-902	22B-09435b		Yellow
Texture/Description:	Solid/Mastic Like	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 %

RE: Formica Bldg. 11th/12th/15th/Penthouse No 13 or 14th Flr

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-903	22B-09436a		Purple
Texture/Description:	Solid/Vinyl Like	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:
22MR-903	22B-09436b		Yellow
Texture/Description:	Solid/Mastic Like	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:
22MR-904	22B-09437		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 10%	Others: 0%	Filler/Binder: 90 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-905	22B-09438		White
Texture/Description:	Solid/	Chrysotile: 55%	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	55 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 45 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-906	22B-09439		Grey
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:
22MR-907	22B-09440		Grey
Texture/Description:	Solid/	Chrysotile: 3 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	3 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 97 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-908	22B-09441		Black
Texture/Description:	Solid/	Chrysotile: 5 %	Tremolite: 0% 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:
22MR-909	22B-09442		Black
Texture/Description:	Solid/	Chrysotile: 3 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	3 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 97 %

RE: Formica Bldg. 11th/12th/15th/Penthouse No 13 or 14th Flr

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-910	22B-09443		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: 80%	Filler/Binder: 20 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-911	22B-09444		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: 80%	Filler/Binder: 20 %

CLIENT ID #:	LAB ID #:	LOCATION:	COLOR:
22MR-912	22B-09445		Grey
Texture/Description:	Solid/	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 5%	Others: 0%	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 Heady

STOP ANALYSIS AT FIRST POSITIVE COREATER
THAN 1% ASBESTOS FOR SAMPLES

85	22MR-882-885	
86	883-886	
85/86	884-887	COMPOSITE
87	22MR-888-893	
88	889-894	
87/88	890-895	COMPOSITE
89	22MR-896-899	
90	897-900	
89/90	898-901	COMPOSITE
91	22MR-902-903	
92	22MR-906-907	
93	22MR-908-909	
94	22MR-910-911	



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ASBESTOS IDENTIFICATION BY POLARIZED LIGHT MICROSCOPY POINT COUNT ANALYSIS

Attn: Chris Belcher

Client Project #: 22-0064

Pinnacle Environmental Consultants, Inc.

Project #:

486 Old State Route 74

Received Date: 4/19/2022

Cincinnati, OH 45244

Analysis Date: 4/26/2022

RE: Formica Bldg. 11th/12th/15th/Penthouse No 13 or 14 Flr

CLIENT ID #	LAB ID #	PLM ANALYSIS		POINT COUNT ANALYSIS	
		% Asbestos	Type	% Asbestos	Type
22MR-906	22B-09439	2 %	Chrysotile	Trace	Chrysotile

CLIENT ID #	LAB ID #	PLM ANALYSIS		POINT COUNT ANALYSIS	
		% Asbestos	Type	% Asbestos	Type
22MR-907	22B-09440	3 %	Chrysotile	0.25 %	Chrysotile

CLIENT ID #	LAB ID #	PLM ANALYSIS		POINT COUNT ANALYSIS	
		% Asbestos	Type	% Asbestos	Type
22MR-908	22B-09441	5 %	Chrysotile	0.75 %	Chrysotile

CLIENT ID #	LAB ID #	PLM ANALYSIS		POINT COUNT ANALYSIS	
		% Asbestos	Type	% Asbestos	Type
22MR-909	22B-09442	3 %	Chrysotile	0.50 %	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 as an endorsement for NVLAP or any other government agency.

Analyzed by: Casey Brown
 Casey Brown

Attachment 5

INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
FORMICA BUILDING
120 EAST FOURTH 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 Basement</i>					
Room 1	Floor tile and mastic	6, 14, 81, 82	Misc.	1,565 sf	I-Nonfriable
Room 1 on HVAC unit	Cardboard duct insulation	3	TSI	5 sf	RACM-Friable
Room 2	Floor tile and mastic	6, 14, 81, 82	Misc.	890 sf	I-Nonfriable
Room 3	Floor tile and mastic	6, 14, 81, 82	Misc.	1,050 sf	I-Nonfriable
Room 3 on HVAC unit	Cardboard duct insulation	3	TSI	5 sf	RACM-Friable
Room 3	Preformed-block duct insulation	5	TSI	120 sf	RACM-Friable
Chase between buildings - Access from closet	Preformed-block duct insulation	5	TSI	60 sf	RACM-Friable
Room 4	Floor tile and mastic	6, 14, 81, 82	Misc.	500 sf	I-Nonfriable
Walk-in box ¶ (Under walk-in box)	Floor tile and mastic	6, 14, 81, 82	Misc.	435 sf	I-Nonfriable
Room 5	Floor tile and mastic	6, 14, 81, 82	Misc.	195 sf	I-Nonfriable
Room 5 on HVAC unit	Cardboard duct insulation	3	TSI	5 sf	RACM-Friable
Room 6 on beams and deck	Spray-applied fireproofing	20	Surf	200 sf	RACM-Friable
Room 7 under carpet ¶	Floor tile and mastic	6, 14, 81, 82	Misc.	2,685 sf	I-Nonfriable
Room 7 on beams and deck	Spray-applied fireproofing	20	Surf	200 sf	RACM-Friable
Room 8 on beams and deck	Spray-applied fireproofing	20	Surf	60 sf	RACM-Friable
Room 9 on beams and deck	Spray-applied fireproofing	20	Surf	180 sf	RACM-Friable
Room 10 on beams and deck	Spray-applied fireproofing	20	Surf	195 sf	RACM-Friable
Room 11	Floor tile and mastic	6, 14, 81, 82	Misc.	30 sf	I-Nonfriable
Room 11 on beams and deck	Spray-applied fireproofing	20	Surf	285 sf	RACM-Friable
Room 12	Floor tile and mastic	6, 14, 81, 82	Misc.	500 sf	I-Nonfriable
Room 12 on beams and deck	Spray-applied fireproofing	20	Surf	500 sf	RACM-Friable
Room 13 under carpet ¶	Floor tile and mastic	6, 14, 81, 82	Misc.	740 sf	I-Nonfriable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>Basement, con't.</i>					
Room 15	Floor tile and mastic	6, 14, 81, 82	Misc.	210 sf	I-Nonfriable
Area 18 on beams and deck (South end of Area 18)	Spray-applied fireproofing	20	Surf	120 sf	RACM-Friable
Room 22	Mixed debris, including asbestos-containing materials		TSI	300 sf (floor area)	RACM-Friable
<i>The floor and all surfaces in this room should be considered to be contaminated with asbestos. All mixed rubbish and debris should be collected and disposed of as asbestos-containing waste</i>					
Room 22 - overhead	Pipe and Fitting Insulation		TSI	40 lf	RACM-Friable
Room 25	Floor tile and mastic	6, 14, 81, 82	Misc.	135 sf	I-Nonfriable
Room 26	Floor tile and mastic	6, 14, 81, 82	Misc.	80 sf	I-Nonfriable
Room 27	Floor tile and mastic	6, 14, 81, 82	Misc.	80 sf	I-Nonfriable
Room 28	Floor tile and mastic	6, 14, 81, 82	Misc.	40 sf	I-Nonfriable
Elevator shaft ceiling	Spray-applied fireproofing	20	Surf	100 sf	RACM-Friable
Room 33 in doors	White door fill	15	Misc.	2 doors	RACM-Friable
Room 39	Floor tile and mastic	6, 14, 81, 82	Misc.	225 sf	I-Nonfriable
Room 41 in dome light	Paper heat shield	19	TSI	1 light	RACM-Friable
Room 43	Floor tile and mastic	6, 14, 81, 82	Misc.	90 sf	I-Nonfriable
Room 45 on beams and deck (over stairs)	Spray-applied fireproofing	20	Surf	140 sf	RACM-Friable
Chase between building along rooms 1 through 3 on floor	Spray-applied fireproofing debris	2	Surf	325 sf	RACM-Friable
Space between buildings (Access from West stairwell)	Spray-applied fireproofing (on structural steel members) (debris on floor and horizontal surfaces)	20	Surf	1,930 sf	RACM-Friable
Space between buildings (Access from West stairwell)	Pre-formed block duct insulation	5	TSI	800 sf	RACM-Friable

INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>The following homogeneous areas are located on the First Floor</i>					
Room 1	Floor tile and mastic	6, 14, 81, 82	Misc.	835 sf	I-Nonfriable
Room 1 on beams, deck, and columns	Spray-applied fireproofing	20	Surf	1,350 sf	RACM-Friable
Room 2 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	1,260 sf	I-Nonfriable
Room 2 on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing	20	Surf	1,760 sf	RACM-Friable
Room 3	Floor tile and mastic	6, 14, 81, 82	Misc.	155 sf	I-Nonfriable
Room 3 on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing	20	Surf	255 sf	RACM-Friable
Room 4 on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing	20	Surf	245 sf	RACM-Friable
Room 5 (stairwell) on beams and deck	Spray-applied fireproofing	20	Surf	200 sf	RACM-Friable
Room 7 (on beam in drywall bulkhead)	Spray-applied fireproofing and debris	20, 2	Surf	180 sf	RACM-Friable
Room 8	Floor tile and mastic	6, 14, 81, 82	Misc.	160 sf	I-Nonfriable
Room 8 (on beam in drywall bulkhead)	Spray-applied fireproofing and debris	20, 2	Surf	100 sf	RACM-Friable
Room 9 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	100 sf	I-Nonfriable
Room 10 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	190 sf	I-Nonfriable
Room 11	Floor tile and mastic	6, 14, 81, 82	Misc.	970 sf	I-Nonfriable
Room 11 (on beam in drywall bulkhead)	Spray-applied fireproofing and debris	20, 2	Surf	400 sf	RACM-Friable
Room 12 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	2,020 sf	I-Nonfriable
Room 12 (on beam in drywall bulkhead)	Spray-applied fireproofing and debris	20, 2	Surf	1,000 sf	RACM-Friable
Room 13 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	1,345 sf	I-Nonfriable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>First Floor, con't.</i>					
Room 13 (on beam in drywall bulkhead)	Spray-applied fireproofing	20	Surf	855 sf	RACM-Friable
Room 14	Floor tile and mastic	6, 14, 81, 82	Misc.	1,025 sf	I-Nonfriable
Room 14 (on column)	Spray-applied fireproofing	20	Surf	90 sf	RACM-Friable
Room 15	Floor tile and mastic	6, 14, 81, 82	Misc.	185 sf	I-Nonfriable
Room 17 (on floor)	Spray-applied fireproofing debris	2	Surf	40 sf	RACM-Friable
Room 18	Floor tile and mastic	6, 14, 81, 82	Misc.	65 sf	I-Nonfriable
Room 22 (on 2 columns)	Spray-applied fireproofing	20	TSI	200 sf	RACM-Friable
Room 23	Floor tile and mastic	6, 14, 81, 82	Misc.	3,700 sf	I-Nonfriable
Room 23 (on 4 columns)	Spray-applied fireproofing	20	Surf	400 sf	RACM-Friable
Room 24	Floor tile and mastic	6, 14, 81, 82	Misc.	1,320 sf	I-Nonfriable
Room 24 (on 1 column)	Spray-applied fireproofing	20	Surf	100 sf	RACM-Friable
Room 24 (on beam in drywall bulkhead)	Spray-applied fireproofing	20	Surf	220 sf	RACM-Friable
Room 26	Floor tile and mastic	6, 14, 81, 82	Misc.	185 sf	I-Nonfriable
Room 26 on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing debris	2	Surf	540 sf	RACM-Friable
Room 27A on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing debris	2	Surf	1,825 sf	RACM-Friable
Area 27B on beams and columns (in column enclosures and at top of columns)	Spray-applied fireproofing debris	2	Surf	1,250 sf	RACM-Friable
Area 27C (above suspended ceiling and in column enclosures)	Spray-applied fireproofing	20	Surf	1,460 sf	RACM-Friable
Area 27C (above suspended ceiling and in column enclosures)	Spray-applied fireproofing	20	Surf	1,860 sf	RACM-Friable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
Second Floor, con't.					
Area 27D (above suspended ceiling and in column enclosures)	Spray-applied fireproofing	20	Surf	1,630 sf	RACM-Friable
The following homogeneous areas are located on the Second Floor					
Room 1 on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing	20	Surf	630 sf	RACM-Friable
Room 3 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	515 sf	I-Nonfriable
Room 3 on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing debris	2	Surf	515 sf	RACM-Friable
Room 4 on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing debris	2	Surf	295 sf	RACM-Friable
Room 5	Floor tile and mastic	6, 14, 81, 82	Misc.	270 sf	I-Nonfriable
Room 5 on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing debris	2	Surf	420 sf	RACM-Friable
Room 6 on beams, deck, and columns (above suspended ceiling and in column enclosures)	Spray-applied fireproofing debris	2	Surf	240 sf	RACM-Friable
Room 8 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	650 sf	I-Nonfriable
Room 9 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	2,110 sf	I-Nonfriable
Room 15 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	290 sf	I-Nonfriable
Room 17 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	335 sf	I-Nonfriable
Room 18 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	170 sf	I-Nonfriable
Room 19 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	170 sf	I-Nonfriable
Room 20 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	335 sf	I-Nonfriable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>Second Floor, con't.</i>					
Room 28 (on columns)	Spray-applied fireproofing	20	Surf	520 sf	RACM-Friable
<i>The following homogeneous areas are located on the Third Floor</i>					
Throughout Third Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 7	Floor tile and mastic	6, 14, 81, 82	Misc.	470 sf	I-Nonfriable
Room 8	Floor tile and mastic	6, 14, 81, 82	Misc.	1,620 sf	I-Nonfriable
Room 9 (under carpet)	Floor tile and mastic	6, 14, 81,	Misc.	2,160 sf	I-Nonfriable
<i>The following homogeneous areas are located on the Fourth Floor</i>					
Throughout Fourth Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81,	Misc.	1,650 sf	I-Nonfriable
Room 6 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	2,650 sf	I-Nonfriable
Room 7 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	3,025 sf	I-Nonfriable
Room 8 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	600 sf	I-Nonfriable
<i>The following homogeneous areas are located on the Fifth Floor</i>					
Throughout Fifth Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	8,500 sf	I-Nonfriable
<i>The following homogeneous areas are located on the Sixth Floor</i>					
Throughout Sixth Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	8,500 sf	I-Nonfriable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>The following homogeneous areas are located on the Seventh Floor</i>					
Throughout Seventh Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	1,750 sf	I-Nonfriable
Room 6 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	6,600 sf	I-Nonfriable
<i>The following homogeneous areas are located on the Eighth Floor</i>					
Throughout Eighth Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	505 sf	I-Nonfriable
Room 6 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	675 sf	I-Nonfriable
Room 7 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	2,160 sf	I-Nonfriable
Room 8 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	375 sf	I-Nonfriable
Room 9 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	400 sf	I-Nonfriable
Room 10 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	505 sf	I-Nonfriable
Room 11 under carpet	Floor tile and mastic	6, 14, 81, 82	Misc.	3,290 sf	I-Nonfriable
<i>The following homogeneous areas are located on the Ninth Floor</i>					
Throughout Ninth Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	2,405 sf	I-Nonfriable
Room 6 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	1,095 sf	I-Nonfriable
Room 7 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	1,510 sf	I-Nonfriable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>Ninth Floor, con't.</i>					
Room 8 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	2,150 sf	I-Nonfriable
<i>The following homogeneous areas are located on the Tenth Floor</i>					
Throughout Tenth Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 1 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	960 sf	I-Nonfriable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	4,250 sf	I-Nonfriable
Room 6 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	905 sf	I-Nonfriable
Room 7 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	3,370 sf	I-Nonfriable
<i>The following homogeneous areas are located on the Eleventh Floor</i>					
Throughout Tenth Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	8,500 sf	I-Nonfriable
<i>The following homogeneous areas are located on the Twelfth Floor</i>					
Throughout Eleventh Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	3,500 sf	I-Nonfriable
Room 6 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	1,975 sf	I-Nonfriable
Room 7 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	2,600 sf	I-Nonfriable
Room 8 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	610 sf	I-Nonfriable

**INVENTORY OF ASBESTOS-CONTAINING MATERIAL TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Material Location	Material Description	* Homogeneous Area #	Type ACM	Estimated Quantity*	Category-Friable/Nonfriable
<i>The following homogeneous areas are located on the Fifteenth Floor</i>					
Throughout Fifteenth Floor on beams, deck, and columns (above suspended ceilings and in column enclosures)	Spray-applied fireproofing	20	Surf	17,500 sf	RACM-Friable
Room 1 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	365 sf	I-Nonfriable
Room 5 (under carpet)	Floor tile and mastic	6, 14, 81, 82	Misc.	8,500 sf	I-Nonfriable
<i>The following homogeneous areas are located on the Penthouse Level</i>					
Penthouse ceiling on beams, deck, and columns	Spray-applied fireproofing	20	Surf	2,880 sf	RACM-Friable
Penthouse on floor	Spray-applied fireproofing debris	2	Surf	1,880 sf	RACM-Friable
Upper mechanical room ceiling on beams, deck, and columns	Spray-applied fireproofing	20	Surf	1,960 sf	RACM-Friable
Upper mechanical room on floor and stairs	Spray-applied fireproofing debris	2	Surf	1,440 sf	RACM-Friable
<i>The following homogeneous areas are located in the Stairwells</i>					
Northeast stairs 1 on beams and deck	Spray-applied fireproofing	20	Surf	895 sf	RACM-Friable
Northwest stairs 2 landing at door on steel	Spray-applied fireproofing	20	TSI	600 sf	RACM-Friable
Northwest stairs 2 debris on steps and landings	Spray-applied fireproofing debris	2	TSI	130 sf	RACM-Friable
Chase at northwest stairs	Spray-applied fireproofing	20	TSI	40 sf	RACM-Friable
Chase at northwest stairs	Spray-applied fireproofing debris	2	TSI	40 sf	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.

Quantities of spray-applied fireproofing are based on the square footage of the room/area where present without consideration given to dimensions of beams, deck corrugation, overspray, or other structural conditions

All suspended ceiling systems in place where spray-applied fireproofing is indicated as present must be assumed to be contaminated with asbestos-containing fireproofing debris

ftg = fitting

lf = linear feet

sf = square feet

TSI = Thermal System Insulation

Misc. = Miscellaneous

Surf = Surfacing

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

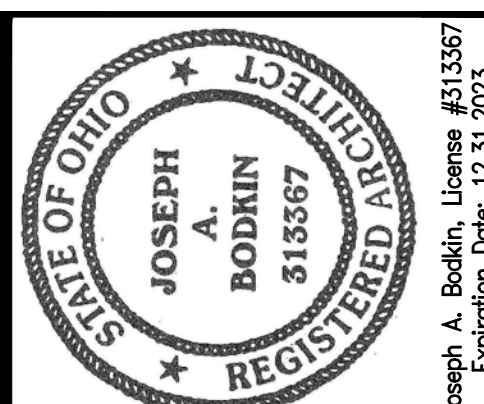
All Contractors shall note that compliance with OSHA 29 CFR 1926.1101 will be required during demolition or disturbance of the caulk at metal joints and black duct caulk in the Penthouse. These materials were identified as containing less than 1% asbestos using Polarized Light Microscopy point counting 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



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 1826 Race Street
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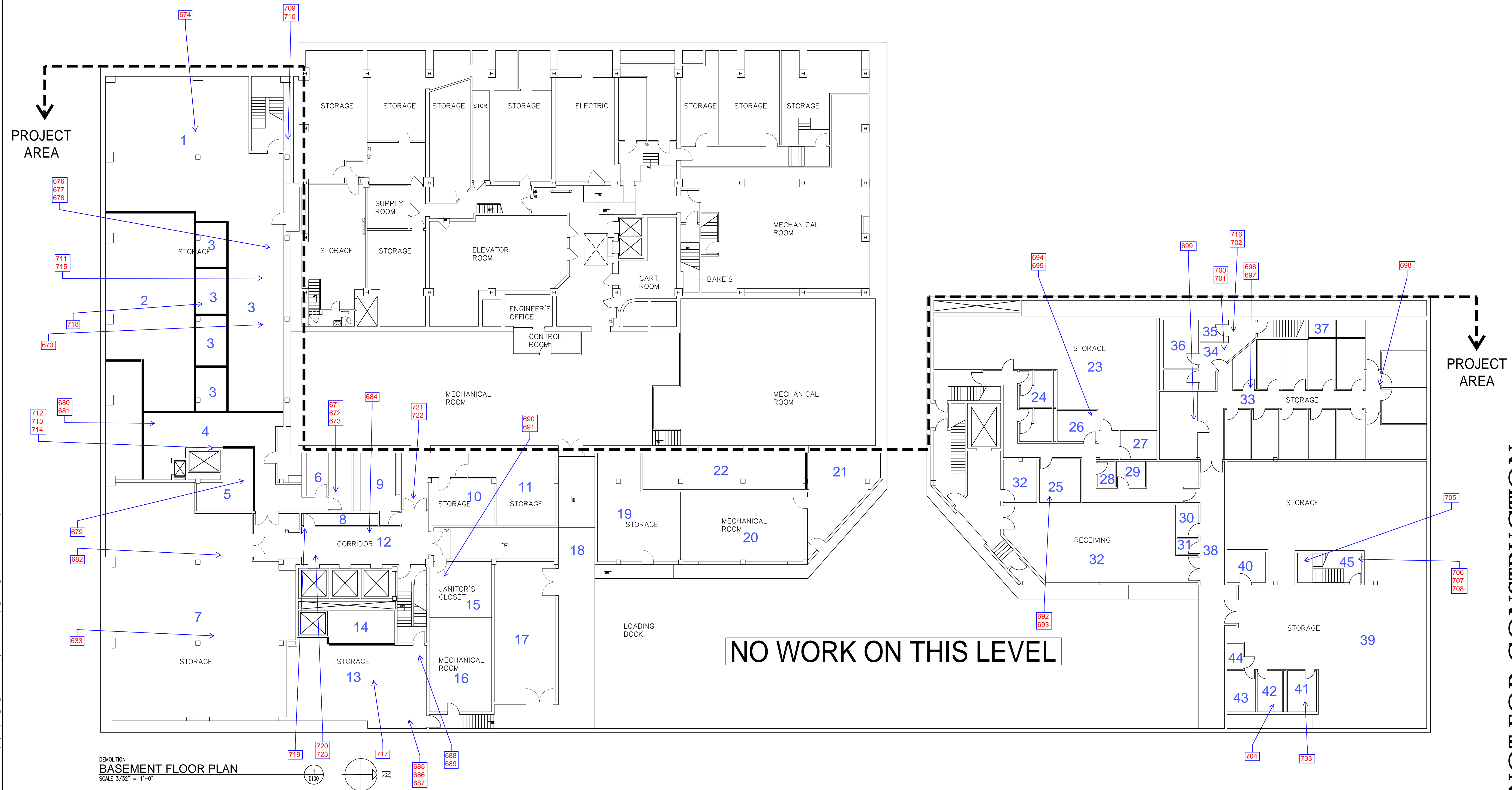
Formica Building

Office/Apartments
 120 e 4th street
 Cincinnati OH 45202

NOT FOR CONSTRUCTION

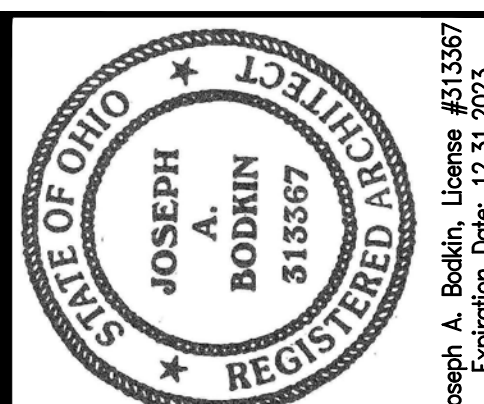
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Location	120 E 4th Street			
City	Cincinnati, Ohio 45202			
Sheet Title	BASEMENT FLOOR DEMOLITION PLAN	Issue Date		
Project No.	2022_259	Drawn		Checked
Scale	As Noted			

D100



DEMOLITION
BASEMENT FLOOR PLAN
 SCALE: 3/32" = 1'-0"

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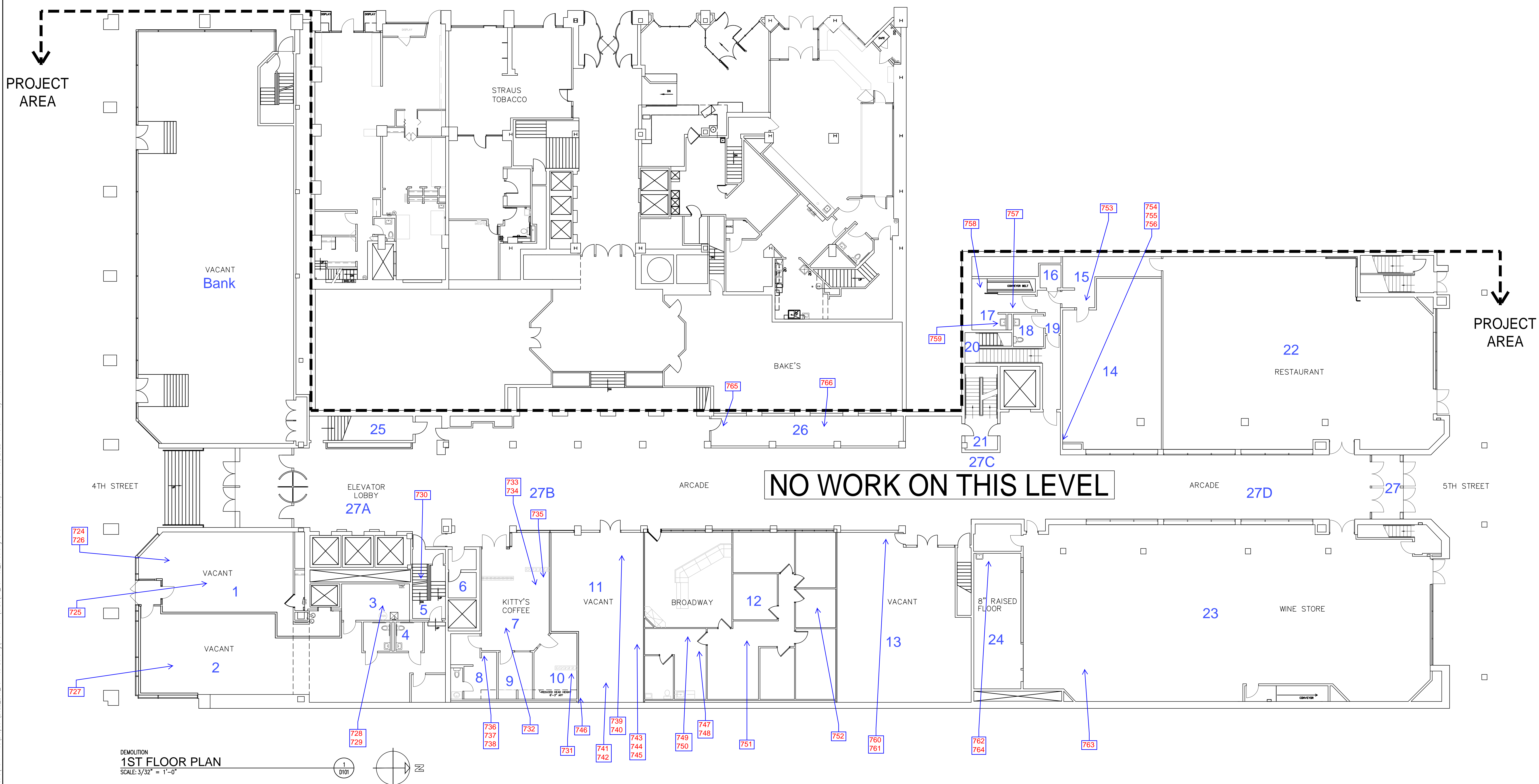
Formica Building

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 Cincinnati OH 45202

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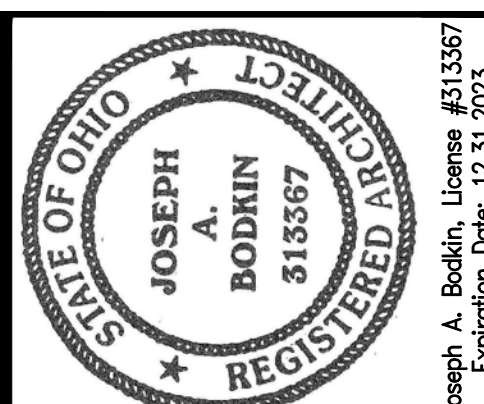
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Location	120 E 4th Street			
City	Cincinnati, Ohio 45202			
Sheet Title	FIRST FLOOR DEMOLITION PLAN	Issue 006		
Project No.	2022_259	Drawn	Checked	
Scale	As Noted			

D101



DEMOLITION
1ST FLOOR PLAN
 SCALE: 3/32" = 1'-0"

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Formica Building

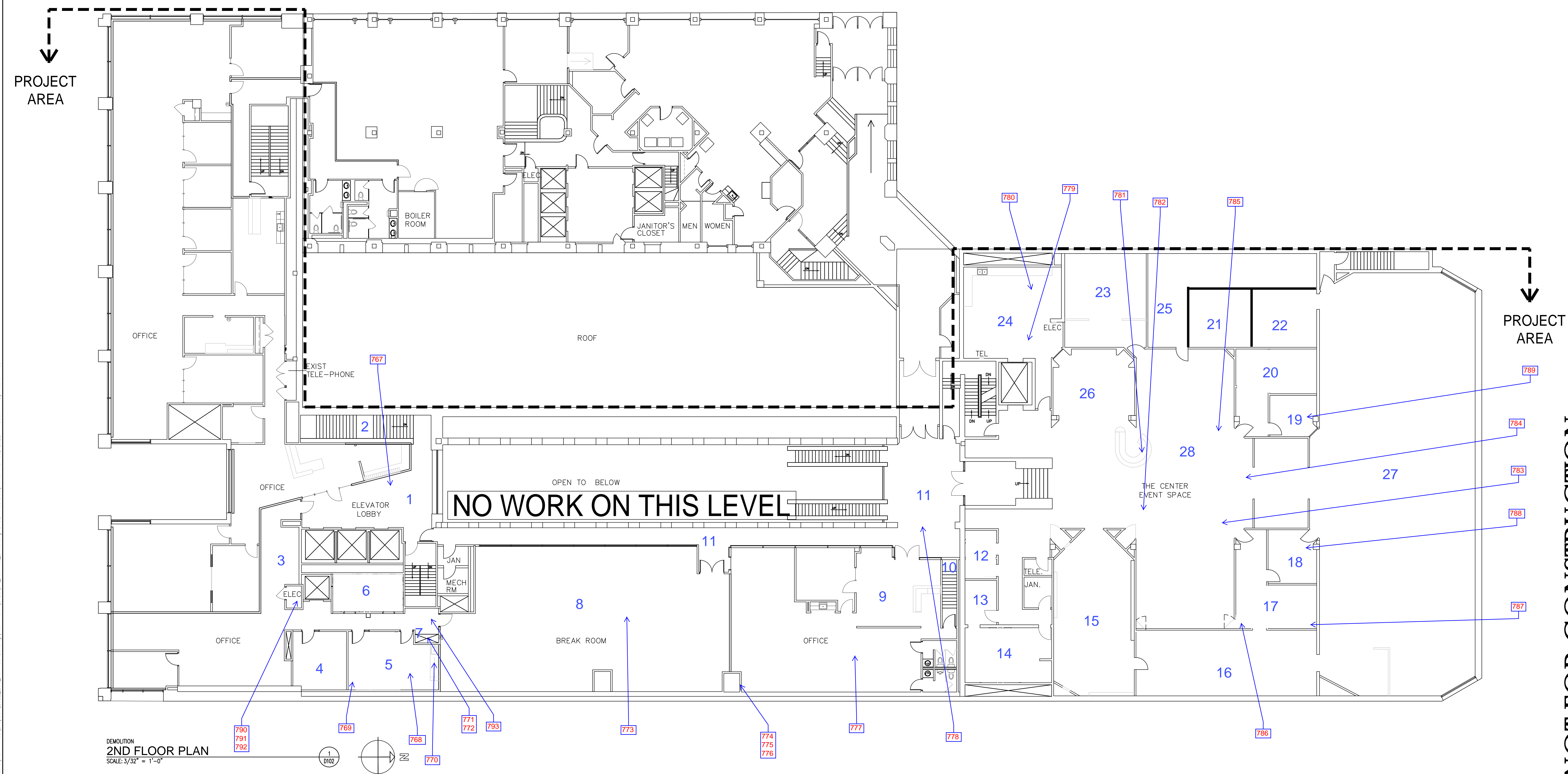
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120 e 4th street
 Cincinnati OH 45202

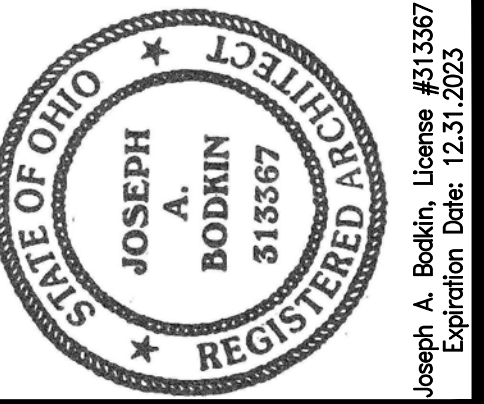
NOT FOR CONSTRUCTION

Project	Formica Building	Date	
Location	120 E 4th Street	No.	Revision
City	Cincinnati, Ohio 45202		
Sheet Title	SECOND FLOOR DEMOLITION PLAN	Issue 10/6	Checked
Project No.	2022_259	Drawn	As Noted
Scale	As Noted		

D102



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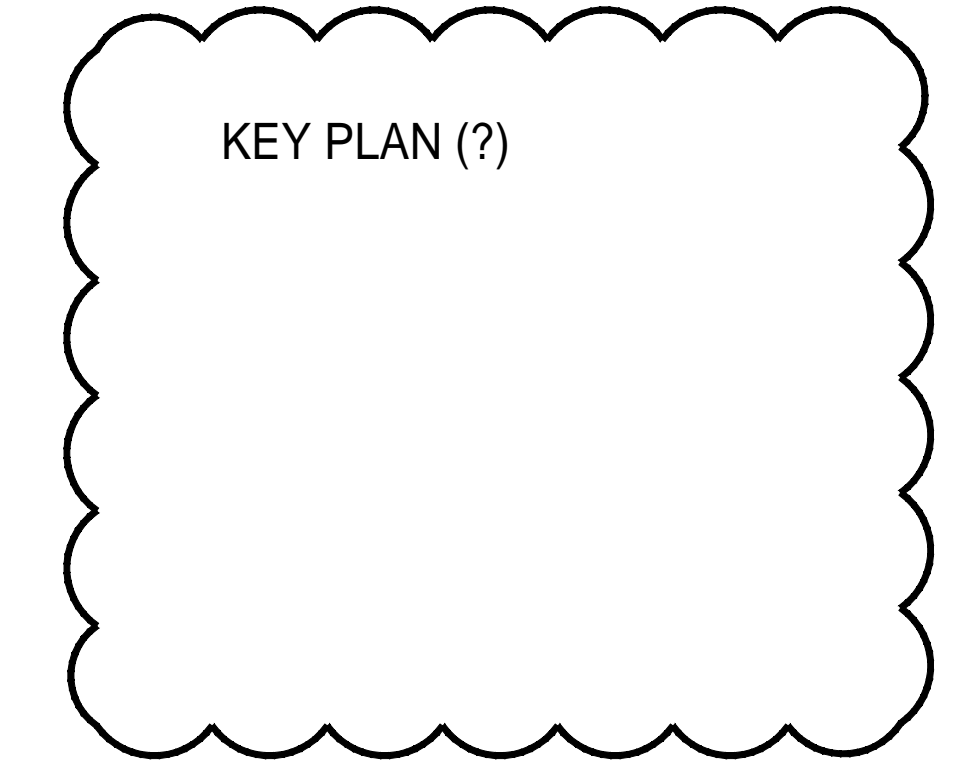
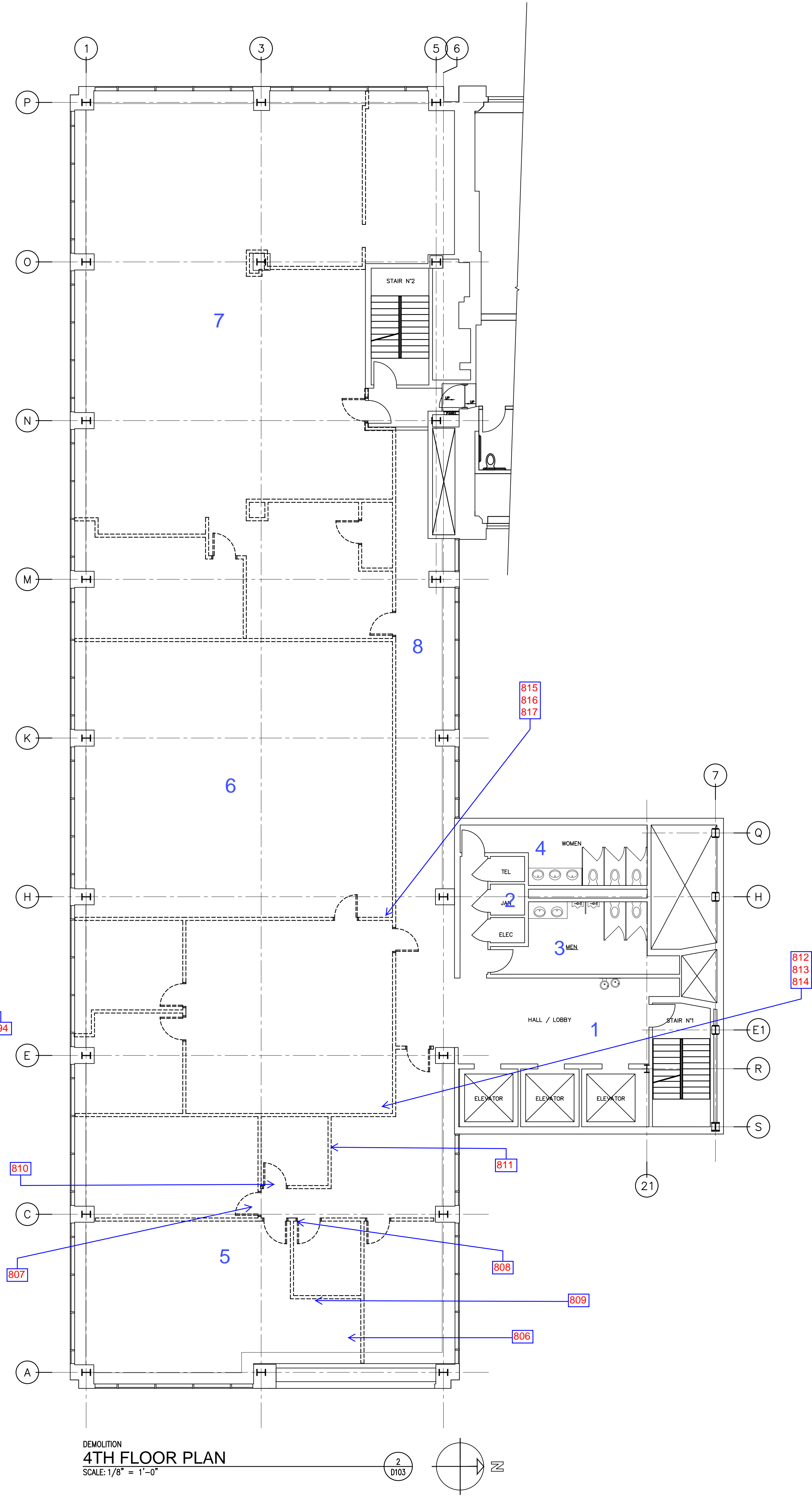
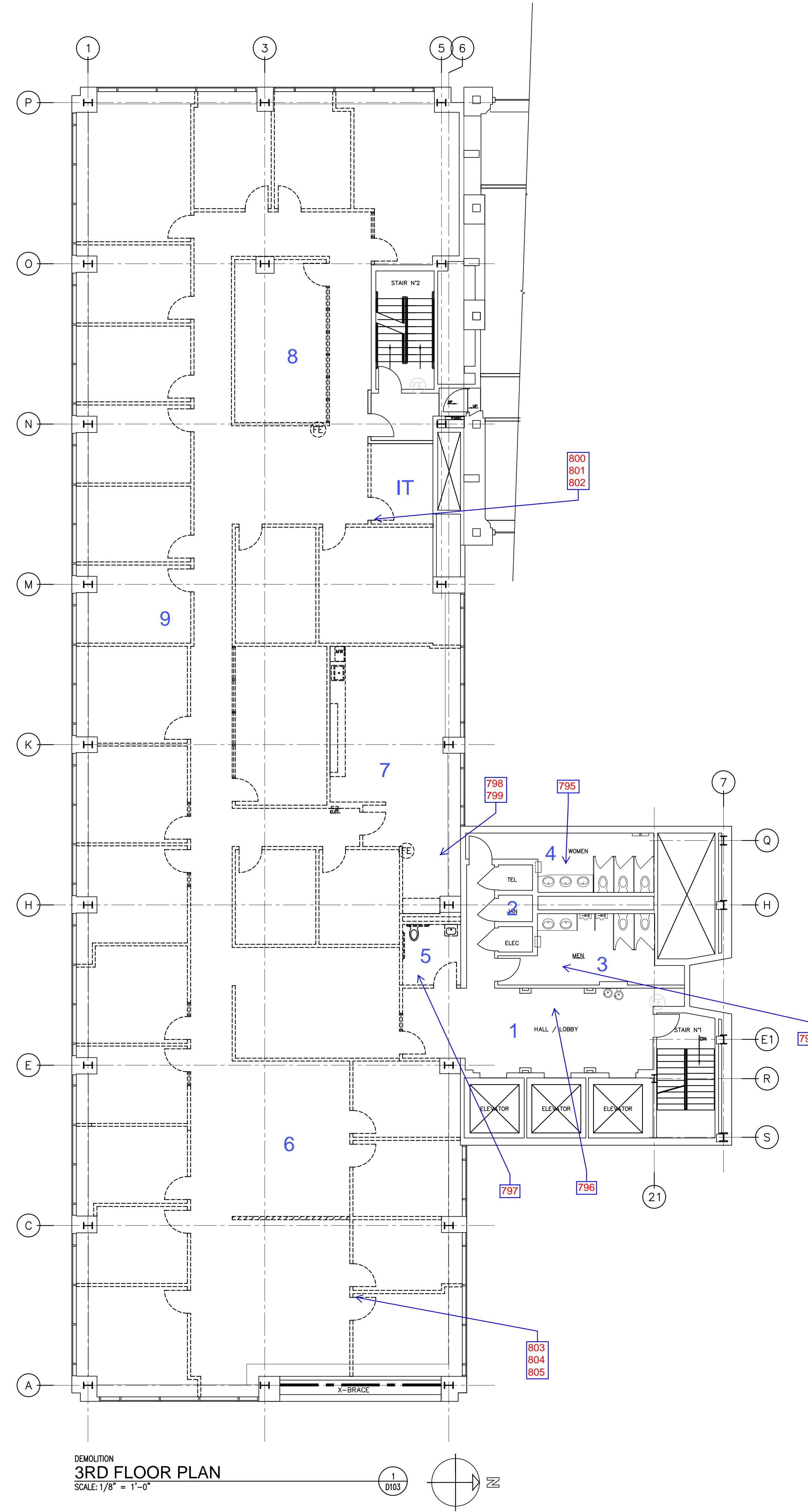
1826 Race Street
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Formica Building

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120 e 4th street
Cincinnati OH 45202

WALL LEGEND:
 - - - - - DASHED LINES INDICATE ITEMS TO BE REMOVED
 _____ EXISTING WALL
 _____ NEW WALL

- GENERAL DEMOLITION NOTES:**
- A. ON FLOORS BASEMENT THROUGH 6TH FLOORS ALL EXISTING ELEVATORS, ELEVATOR LOBBYS, FINISHES, TOILET ROOMS, ETC ARE TO BE PROTECTED.
 - B. PROTECT WALL WINDOWS.
 - C. NO EXTERIOR DEMOLITION WORK.
 - D. REMOVE ALL FLOORING INCLUDING ADHESIVES DOWN TO CONCRETE SLAB.
 - E. REMOVE ALL PARTITIONS, DOORS, PARTITION WINDOWS, AS INDICATED.
 - F. ANY DOOR MARKED TO BE SALVAGED IS TO BE STORED AT LOCATION IN THE BUILDING SELECTED BY CONSTRUCTION MANAGER.
 - G. IN AREA OF WORK, REMOVE ALL PLUMBING AS INDICATED. CAP ALL LINES.
 - H. IN AREA OF WORK, REMOVE ALL ELECTRIC BACK TO PANEL.
 - I. REMOVE ALL DRYWALL AROUND COLUMNS AS INDICATED. DO NOT DISTURB SPRAY-ON FIREPROOFING.
 - J. REMOVE ALL CEILINGS IN AREA OF WORK. THIS INCLUDES BUT NOT LIMITED TO DRYWALL, FRAMING, ACOUSTIC TILES, LAY-IN GRIDS, HANGERS, ETC.
 - K. PROTECT ALL WOODWORK THAT IS TO REMAIN INCLUDING BUT NOT LIMITED TO DOORS, CASINGS, STAIRS & RAILINGS, ETC.
 - L. EXISTING RADIATOR SYSTEM IS TO REMAIN. PROTECT HVAC EQUIPMENT INCLUDING COVERS, PIPING, ETC DURING DEMOLITION & CONSTRUCTION.
 - M. GENERAL CONTRACTOR TO MAINTAIN WATER TIGHT BUILDING AT ALL TIMES.
 - N. SUPPORT STRUCTURE AS REQUIRED TO MAINTAIN STRUCTURAL STABILITY OF STRUCTURE AT ALL TIMES. IF ANY SYSTEM IS IN QUESTION CONTACT ARCHITECT BEFORE PROCEEDING.
 - O. DASHED LINES ON DEMO PLANS REPRESENT WALLS, DOORS, SOFFITS, CASEWORK, ETC TO BE REMOVED. PATCH & REPAIR EXISTING ADJOINING AREAS TO REMAIN.
 - P. THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION AND ALTERATION NOTES TO BE ALL-INCLUSIVE. IT IS CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE DESIGN INDICATED BY THE CONTRACT DOCUMENTS.
 - Q. CONTRACTOR SHALL COORDINATE ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES WITH HVAC, ELECTRICAL, FIRE PROTECTION AND PLUMBING DRAWINGS AND NOTES.
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 - S. MAINTAIN ACCESS TO EXITS AND EXIT STAIRS AT ALL TIMES. FIRE ALARM AND SMOKE DETECTION SYSTEM SHALL REMAIN OPERATIONAL AT ALL TIMES. PROTECT SMOKE DETECTORS AS REQUIRED AND IN CONFORMANCE WITH CODES AND LOCAL AUTHORITIES HAVING JURISDICTION. FOR WORK RESTRICTIONS.
 - T. FOR ALL SURFACES SCHEDULED TO REMAIN, PATCH AND MATCH SURFACES DISTURBED BY DEMOLITION OR REMOVAL OF EQUIPMENT OR UTILITIES. INSTALL PATCHING TO MATCH ADJACENT WORK IN FINISH, STRUCTURAL QUALITIES, COURSEING OF MASONRY, AND OTHER CHARACTERISTICS. PATCH SURFACES TO COMPLY WITH FIRE RATINGS, SMOKE-TIGHT RATINGS, ACOUSTICAL CRITERIA AND OTHER PERFORMANCE CRITERIA INDICATED.
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 - V. BEFORE NEW WORK BEGINS, RETURN ADJACENT AREAS TO CONDITION FOUND PRIOR TO START OF DEMOLITION WORK.
 - W. PROVIDE TEMPORARY PARTITIONS/DUST PROTECTION (RATED AND/OR NON-RATED) AS REQUIRED. REVIEW LOCATIONS OF TEMPORARY PARTITIONS/DUST PROTECTION WITH OWNER AND ARCHITECT PRIOR TO START OF WORK.
 - X. HAZARDOUS MATERIAL NOTE: CONTRACTOR SHALL STOP WORK AND INFORM OWNER IMMEDIATELY IN WRITING OF ANY HAZARDOUS MATERIAL ENCOUNTERED OR THOUGHT TO BE HAZARDOUS MATERIAL. THE OWNER, AFTER RECEIVING WRITTEN NOTICE SHALL INSTRUCT CONTRACTOR ON HOW TO PROCEED.
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 - Z. PRIOR TO ANY DEMOLITION, THE CONTRACTOR SHALL COORDINATE BRACING AND MAINTAIN THE STRUCTURAL INTEGRITY OF THE REMAINING ELEMENTS OF THE BUILDING AND ITS SYSTEMS AS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPORT OF ADJACENT STRUCTURES DURING DEMOLITION AND NEW CONSTRUCTION WORK. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SHORING, SCAFFOLDING, ETC., WHICH ARE NECESSARY TO PREVENT COLLAPSE, SUBSIDENCE, DEFLECTION OR ANY OTHER TYPE OF DAMAGE.
 - AA. REPAIR SPRAY FIREPROOFING DAMAGED DURING DEMOLITION WORK TO ITS REQUIRED ASSEMBLY AND FIRE RATING AS SHOWN ON ARCHITECTURAL DRAWINGS.
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 - AC. ANY FLOOR OPENINGS SHALL BE COVERED DURING DEMOLITION AND CONSTRUCTION.
 - AD. ANY HAZARD CREATED BY DEMOLITION CONTRACTOR SHALL BE IMMEDIATELY CORRECTED BY THE DEMOLITION CONTRACTOR.



NOT FOR CONSTRUCTION

Project	Formica Building	Date	
Address	120 E 4th Street	No.	Revision
City	Cincinnati, Ohio 45202		
Sheet Title	THIRD & FOURTH FLOOR	Issue Date	
Project No.	2022_259	Checked	
Scale	As Noted	Drawn	

D103

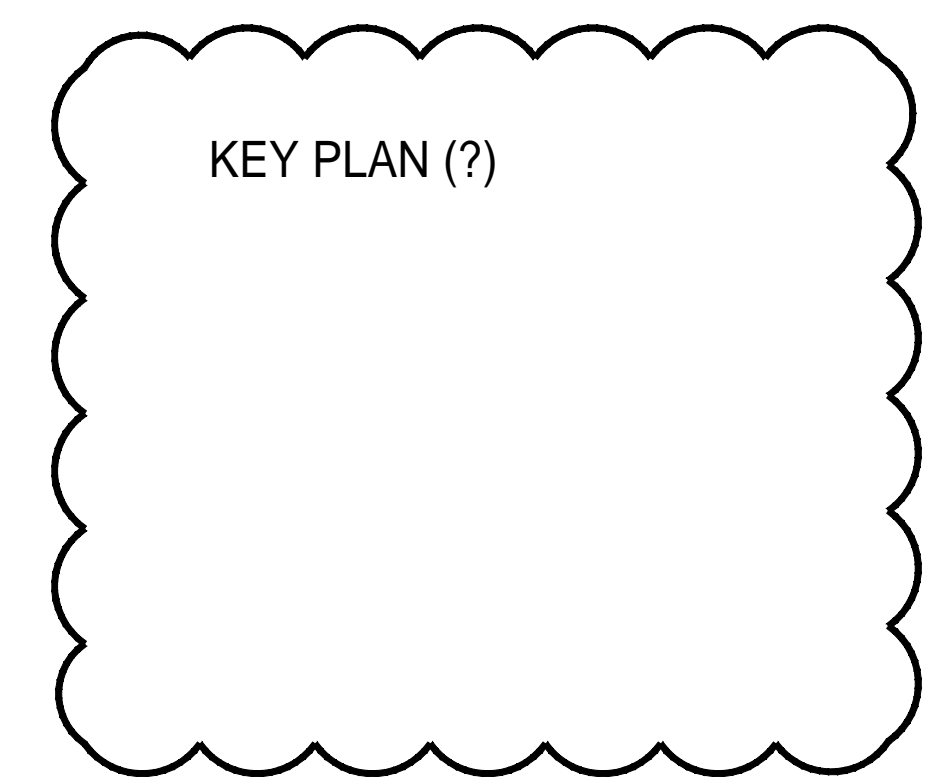
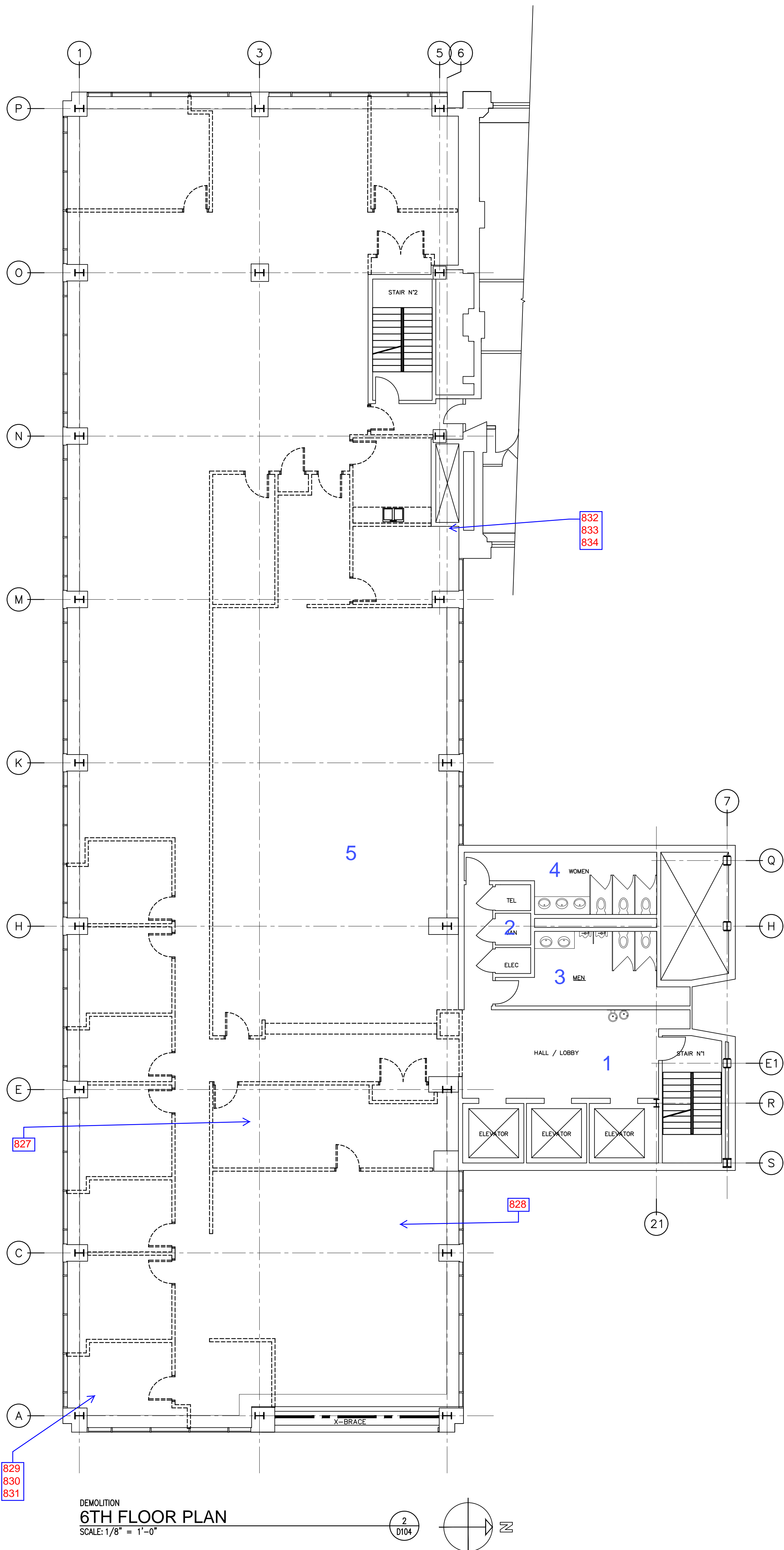
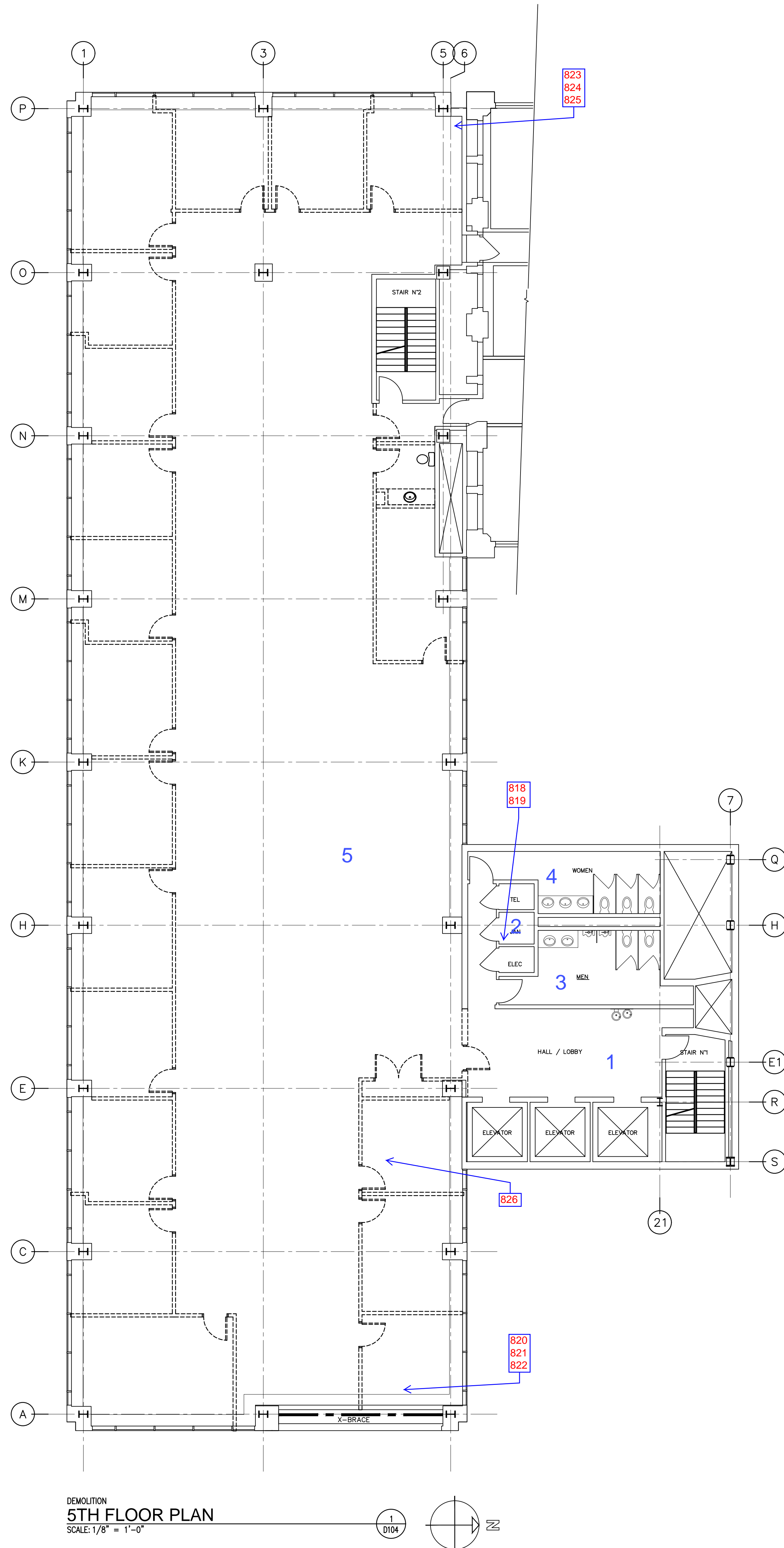
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WALL LEGEND:

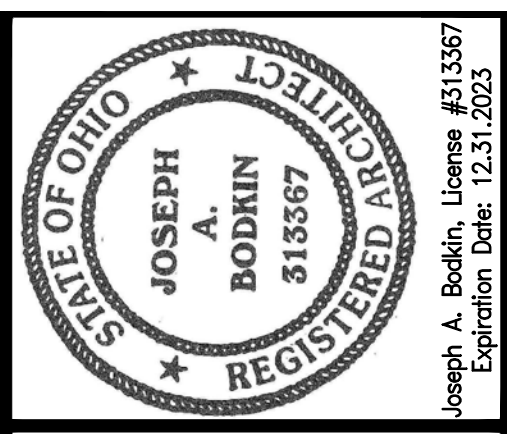
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- ===== NEW WALL

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- C. NO EXTERIOR DEMOLITION WORK.
- D. REMOVE ALL FLOORING INCLUDING ADHESIVES DOWN TO CONCRETE SLAB.
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- H. IN AREA OF WORK, REMOVE ALL ELECTRIC BACK TO PANEL.
- I. REMOVE ALL DRYWALL AROUND COLUMNS AS INDICATED. DO NOT DISTURB SPRAY-ON FIREPROOFING WATCH ROOMS.
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513.550.0048

Formica Building

Office/Apartments
120 e 4th street
Cincinnati OH 45202

Project	Formica Building	No.	Revision	Date
Location	120 E 4th Street			
City	Cincinnati, Ohio 45202			
Sheet Title	5TH & 6TH FLOOR DEMOLITION PLAN	Issue Date		
Project No.	2022_259	Drawn		Checked
Scale	As Noted			

D104

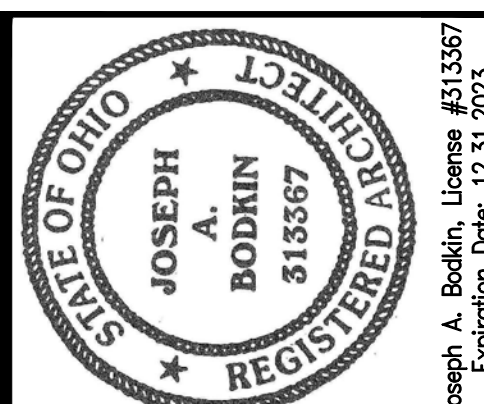
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- _____ NEW WALL

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Formica Building

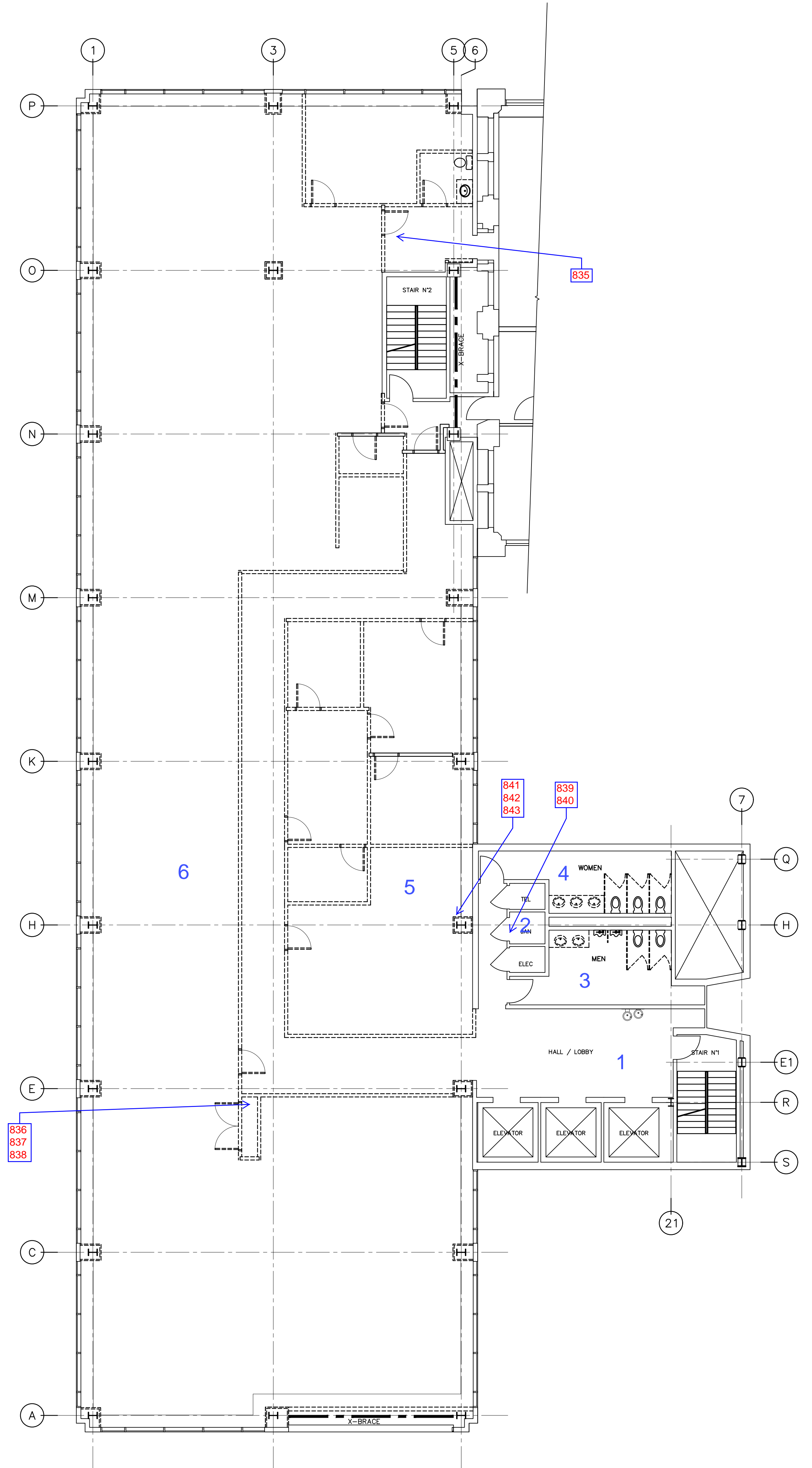
Office/Apartments

120 e 4th street
Cincinnati OH 45202

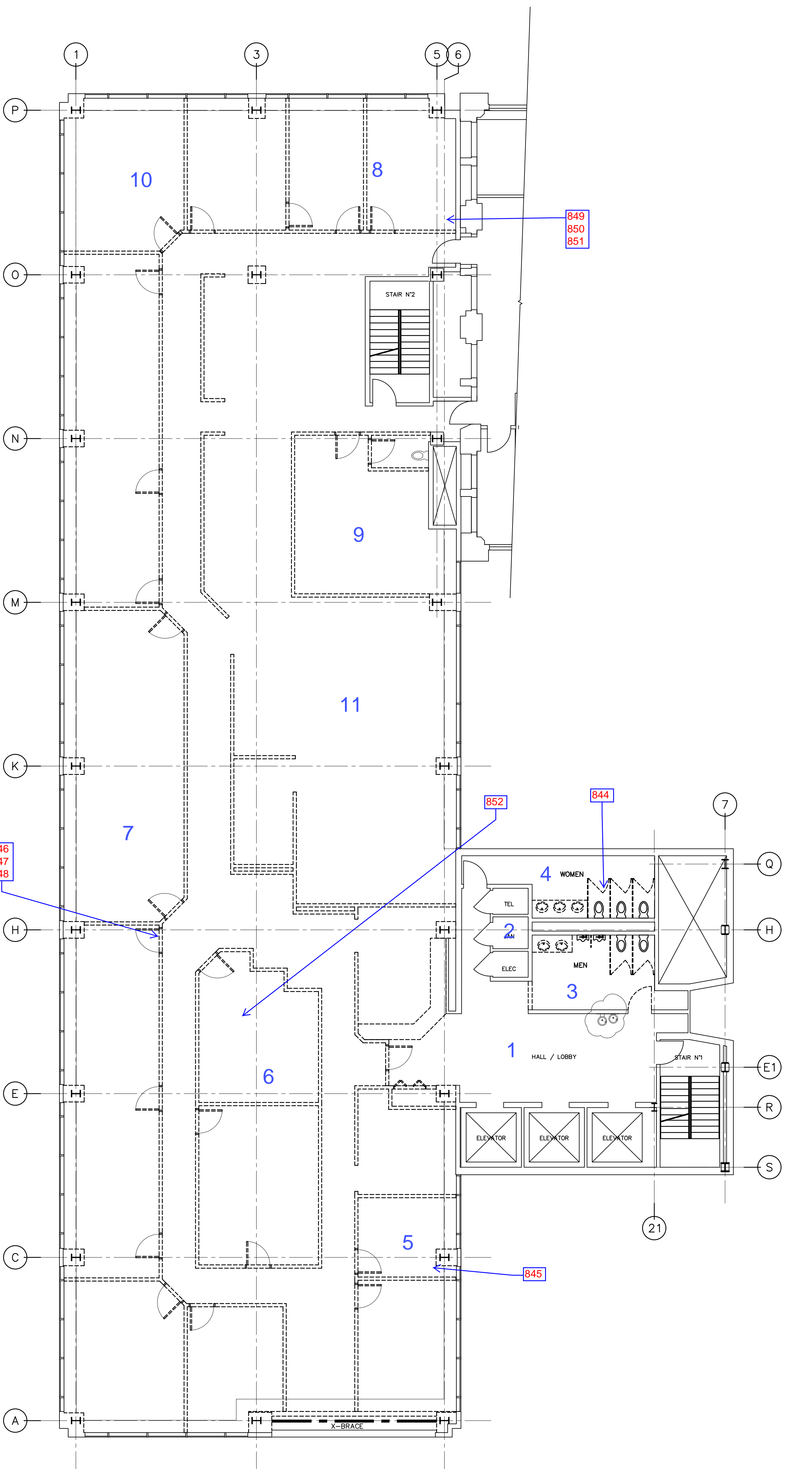
NOT FOR CONSTRUCTION

Project	Formica Building	No.	_____	Revision	_____	Date	_____
	120 E 4th Street						
	Cincinnati, Ohio 45202						
Sheet	FIFTH & EIGHTH FLOOR	Issue	10/6				
	DEMOLITION PLAN						
Project No.	2022_259	Issue	10/6				
Scale	As Noted	Drawn	_____	Checked	_____		

D105



DEMOLITION
7TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



DEMOLITION
8TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

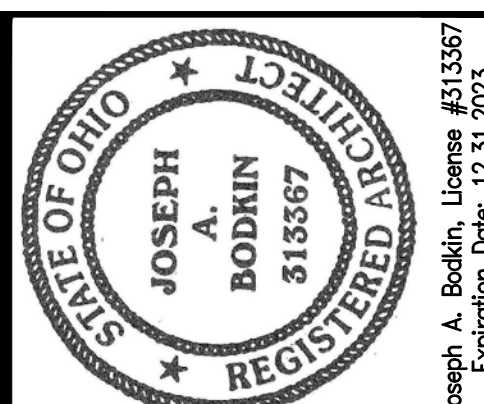
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WALL LEGEND:

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- NEW WALL

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Formica Building

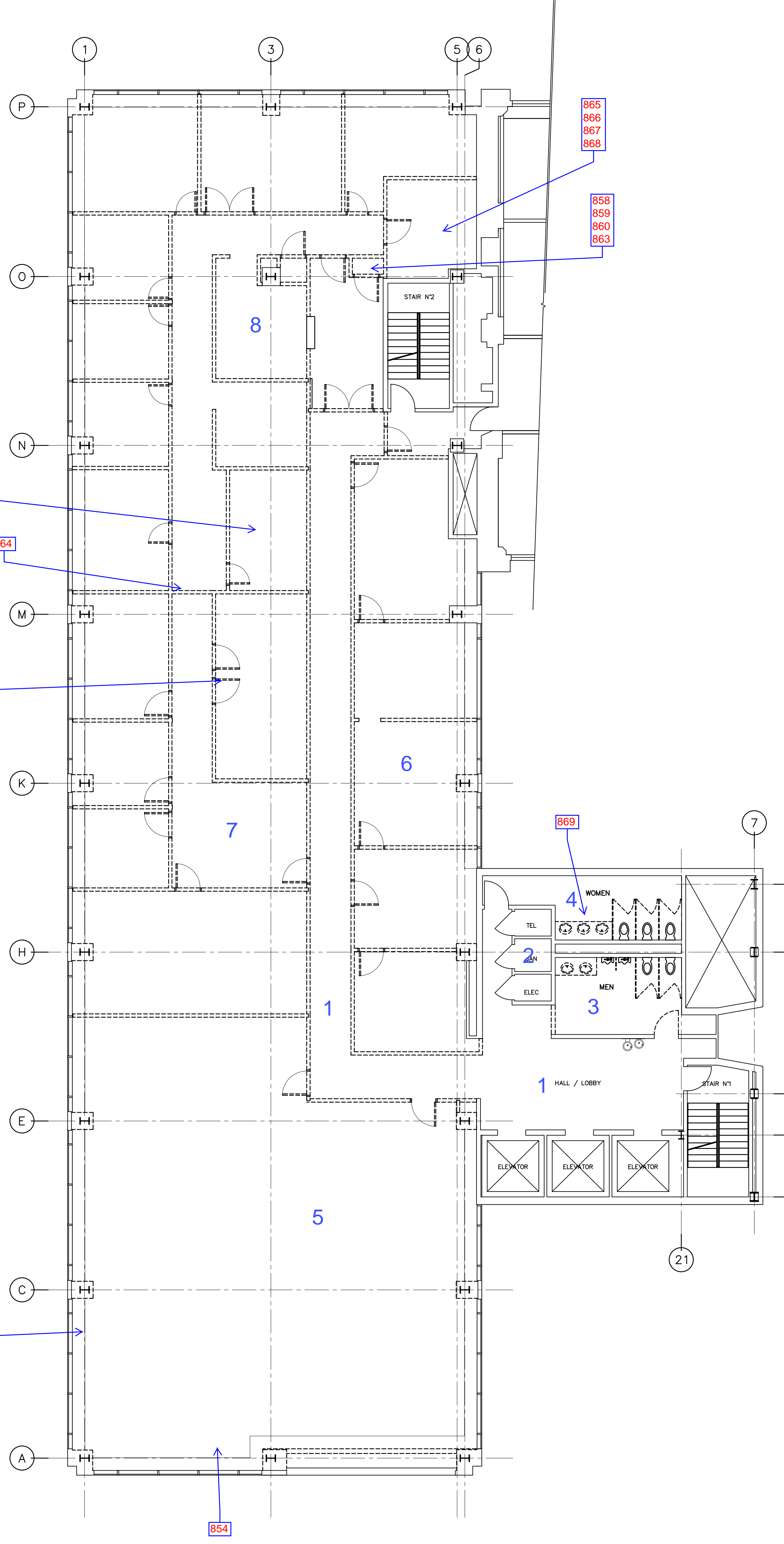
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Cincinnati OH 45202

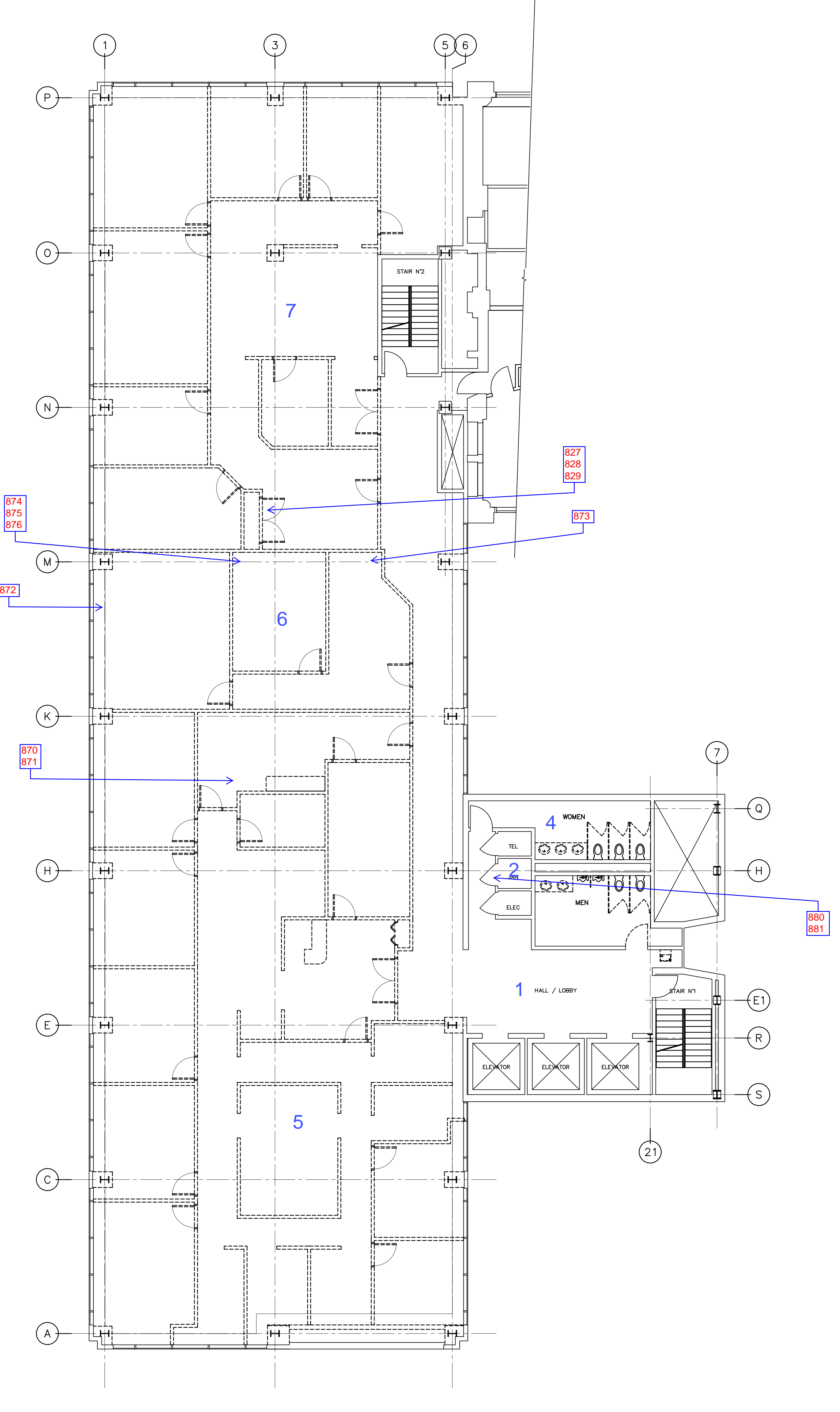
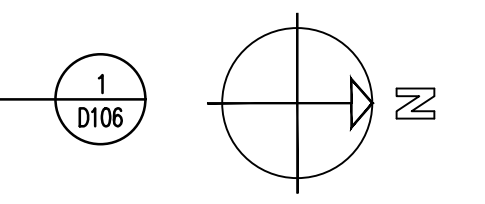
NOT FOR CONSTRUCTION

Project	Formica Building	Date	
	120 E 4th Street	No.	Revisions
	Cincinnati, Ohio 45202		
Sheet Title	9TH & 10TH FLOOR	Issue Date	
	DEMOLITION PLAN	Checked	
Project No.	2022_259	Drawn	
Scale	As Noted	Checked	

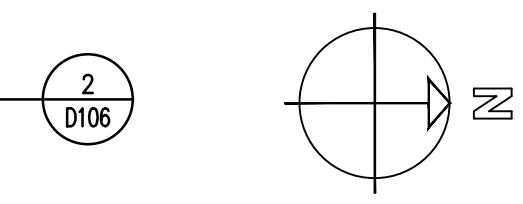
D106



DEMOLITION
9TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



DEMOLITION
10TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



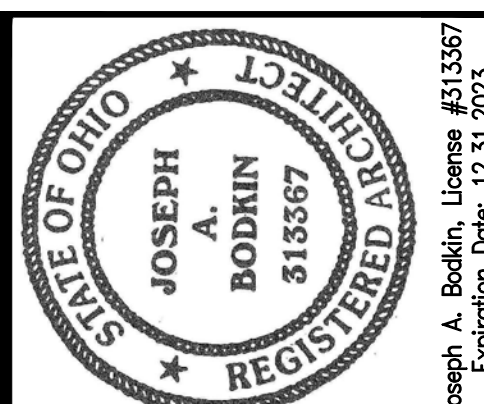
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WALL LEGEND:

- DASHED LINES INDICATE ITEMS TO BE REMOVED
- ===== EXISTING WALL
- ===== NEW WALL

GENERAL DEMOLITION NOTES:

- A. ON FLOORS BASEMENT THROUGH 6TH FLOORS ALL EXISTING ELEVATORS, ELEVATOR LOBBYS, FINISHES, TOILET ROOMS, ETC ARE TO BE PROTECTED.
- B. PROTECT WALL WINDOWS.
- C. NO EXTERIOR DEMOLITION WORK.
- D. REMOVE ALL FLOORING INCLUDING ADHESIVES DOWN TO CONCRETE SLAB.
- E. REMOVE ALL PARTITIONS, DOORS, PARTITION WINDOWS, AS INDICATED.
- F. ANY DOOR MARKED TO BE SALVAGED IS TO BE STORED AT LOCATION IN THE BUILDING SELECTED BY CONSTRUCTION MANAGER.
- G. IN AREA OF WORK, REMOVE ALL PLUMBING AS INDICATED. CAP ALL LINES.
- H. IN AREA OF WORK, REMOVE ALL ELECTRIC BACK TO PANEL.
- I. REMOVE ALL DRYWALL AROUND COLUMNS AS INDICATED. DO NOT DISTURB SPRAY-ON FIREPROOFING WATCH SHALL BE PROVIDED IF ANY HAZARDOUS SITUATIONS ARE THOUGHT TO BE POSSIBLE. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION FOR POLLUTION CONTROL. THOROUGHLY CLEAN ADJACENT AREAS OF DUST, DIRT AND DEBRIS CAUSED BY THIS PROJECTS CONSTRUCTION.
- J. REMOVE ALL CEILING IN AREA OF WORK. THIS INCLUDES BUT NOT LIMITED TO DRYWALL, FRAMING, ACOUSTIC TILES, LAY-IN GRIDS, HANGERS, ETC.
- K. PROTECT ALL WOODWORK THAT IS TO REMAIN INCLUDING BUT NOT LIMITED TO DOORS, CASINGS, STAIRS & RAILINGS, ETC EXISTING RADIATOR SYSTEM IS TO REMAIN. PROTECT HVAC EQUIPMENT INCLUDING COVERS, PIPING, ETC DURING DEMOLITION & CONSTRUCTION.
- L. GENERAL CONTRACTOR TO MAINTAIN WATER TIGHT BUILDING AT ALL TIMES.
- M. SUPPORT STRUCTURE AS REQUIRED TO MAINTAIN STRUCTURAL STABILITY OF STRUCTURE AT ALL TIMES. IF ANY SYSTEM IS IN QUESTION CONTACT ARCHITECT BEFORE PROCEEDING.
- N. DASHED LINES ON DEMO PLANS REPRESENT WALLS, DOORS, SOFFITS, CASEWORK, ETC TO BE REMOVED. PATCH & REPAIR EXISTING ADJOINING AREAS TO REMAIN.
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- AB. ANY FLOOR OPENINGS SHALL BE COVERED DURING DEMOLITION AND CONSTRUCTION.
- AC. ANY HAZARD CREATED BY DEMOLITION CONTRACTOR SHALL BE IMMEDIATELY CORRECTED BY THE DEMOLITION CONTRACTOR.



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DEVELOPMENT • CONSTRUCTION • MANAGEMENT

1826 Race Street
Cincinnati, Ohio 45202
513.559.0048

Formica Building

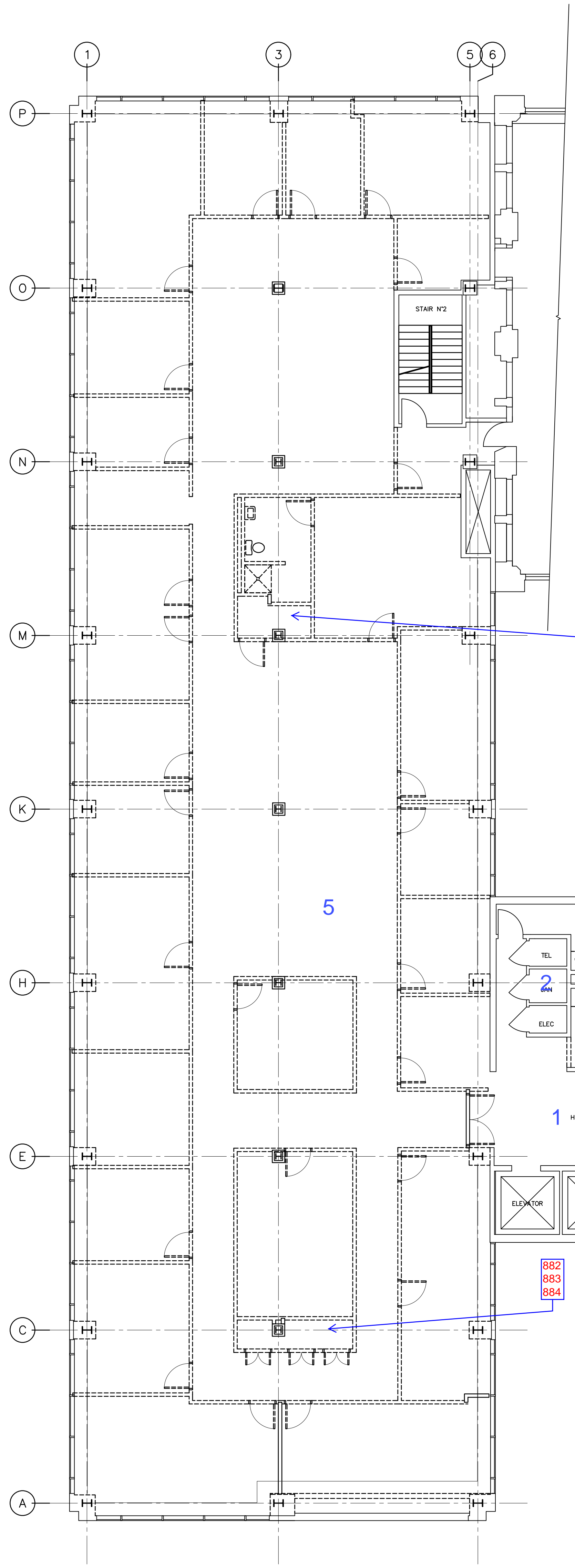
Office/Apartments

120 e 4th street
Cincinnati OH 45202

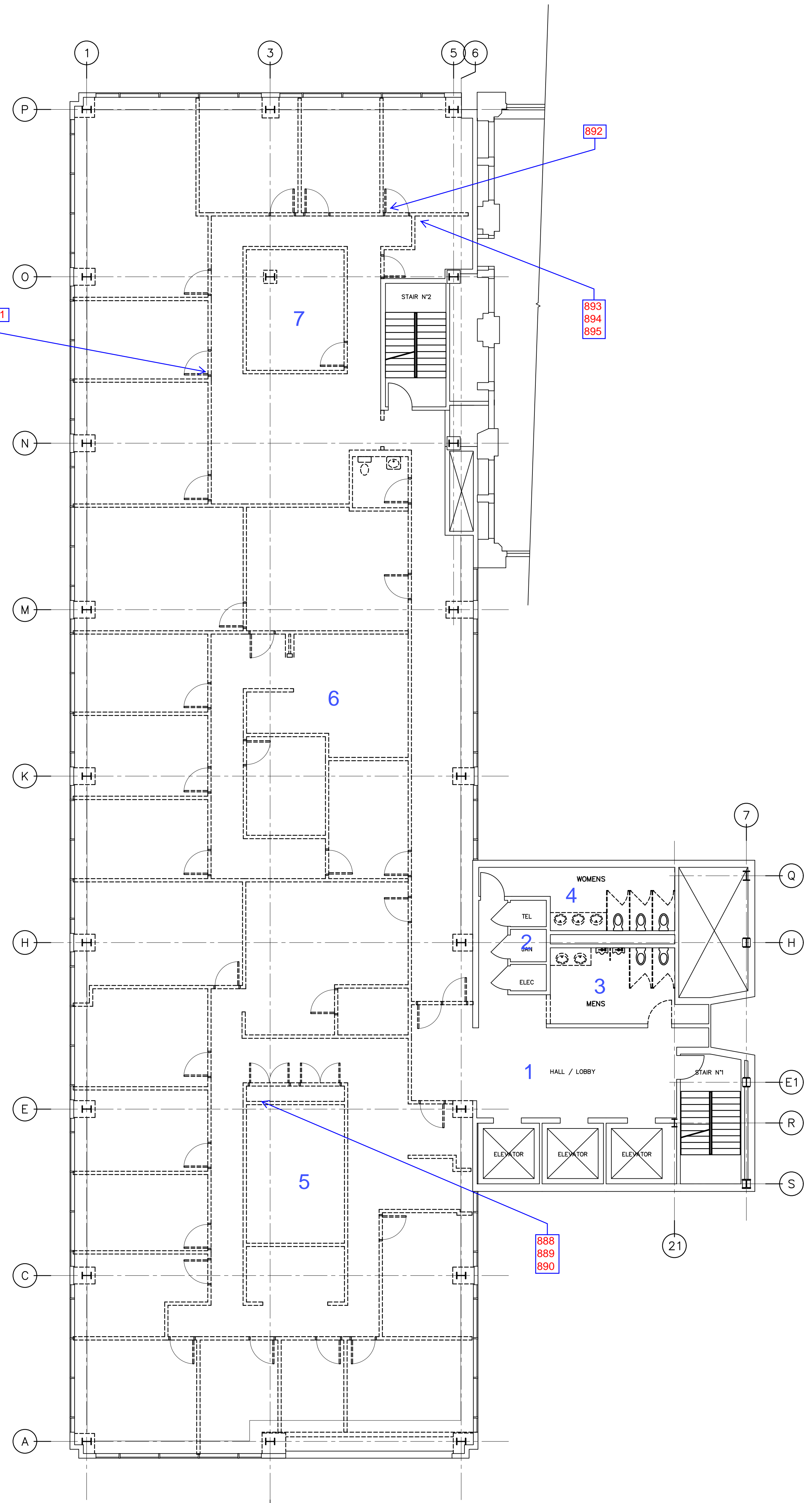
NOT FOR CONSTRUCTION

Project	Formica Building	No.	Revisions	Date
Location	120 E 4th Street			
City	Cincinnati, Ohio 45202			
Sheet Title	11TH & 12TH FLOOR			
DEMOLITION PLAN				
Project No.	2022_259	Issue	106	
Scale	As Noted	Drawn	Checked	

D107



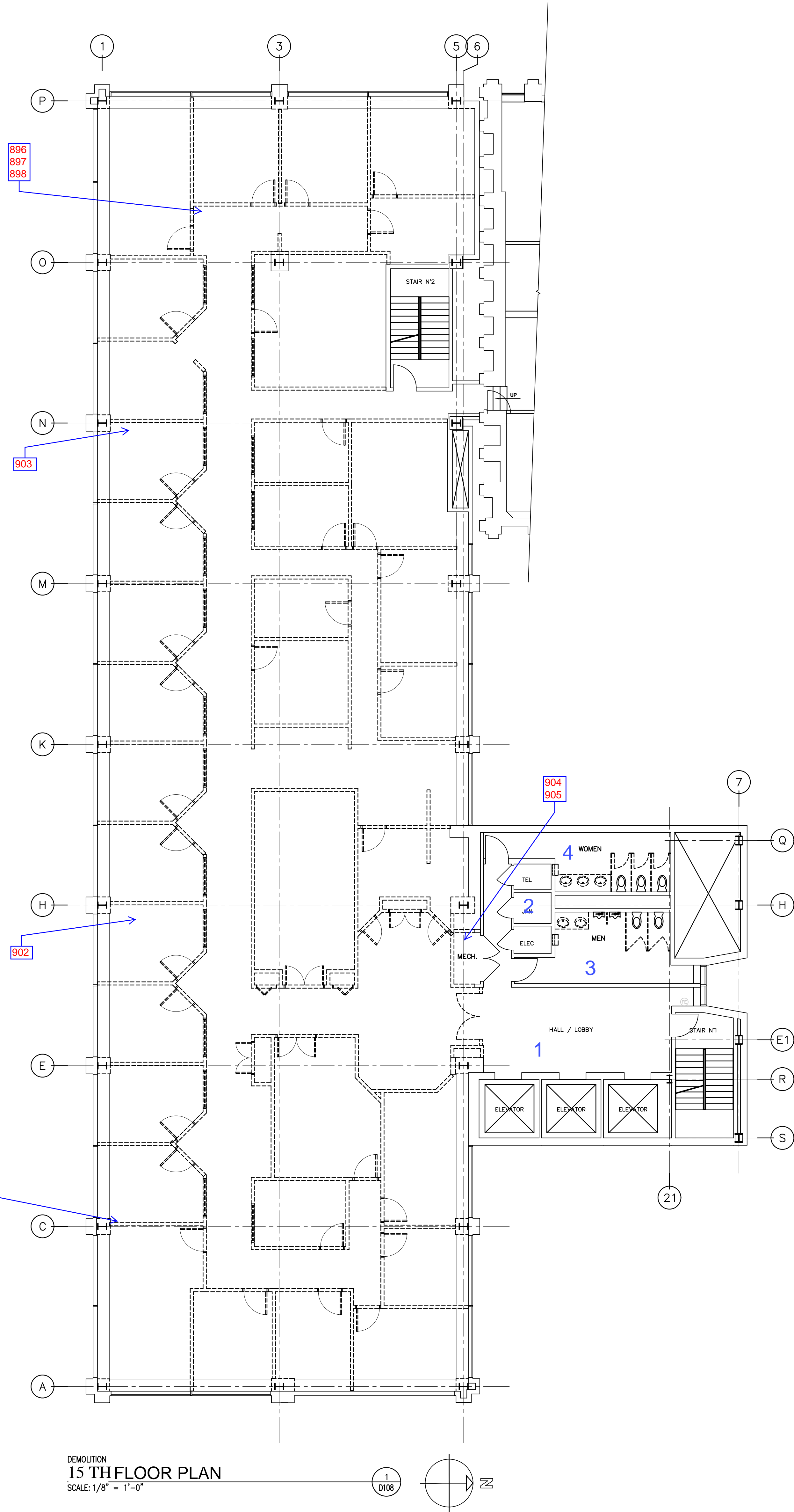
DEMOLITION
11TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



DEMOLITION
12TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

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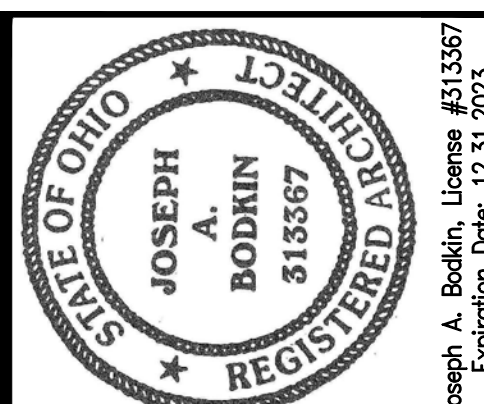
DEMOLITION
15 TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

WALL LEGEND:

- DASHED LINES INDICATE ITEMS TO BE REMOVED
- ===== EXISTING WALL
- ===== NEW WALL

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1826 Race Street
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Formica Building

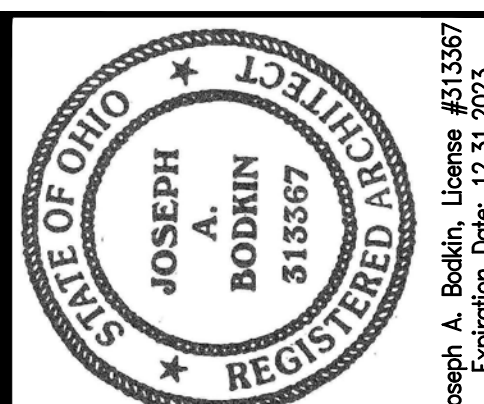
Office/Apartments

120 e 4th street
Cincinnati OH 45202

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Project	Formica Building	No.	Revisions	Date
Location	120 E 4th Street			
City	Cincinnati, Ohio 45202			
Sheet Title	THIRTEENTH FLOOR DEMOLITION PLAN	Issue Date		
Project No.	2022_259	Drawn		
Scale	As Noted	Checked		

D108



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Formica Building

Office/Apartments

120 e 4th street
Cincinnati OH 45202

Project	Formica Building	No.	Revision	Date
Location	120 E 4th Street			
City	Cincinnati, Ohio 45202			
Sheet Title	ROOF DEMOLITION PLAN	Issue Date		
Project No.	2022_259	Drawn		
Scale	As Noted	Checked		

D109

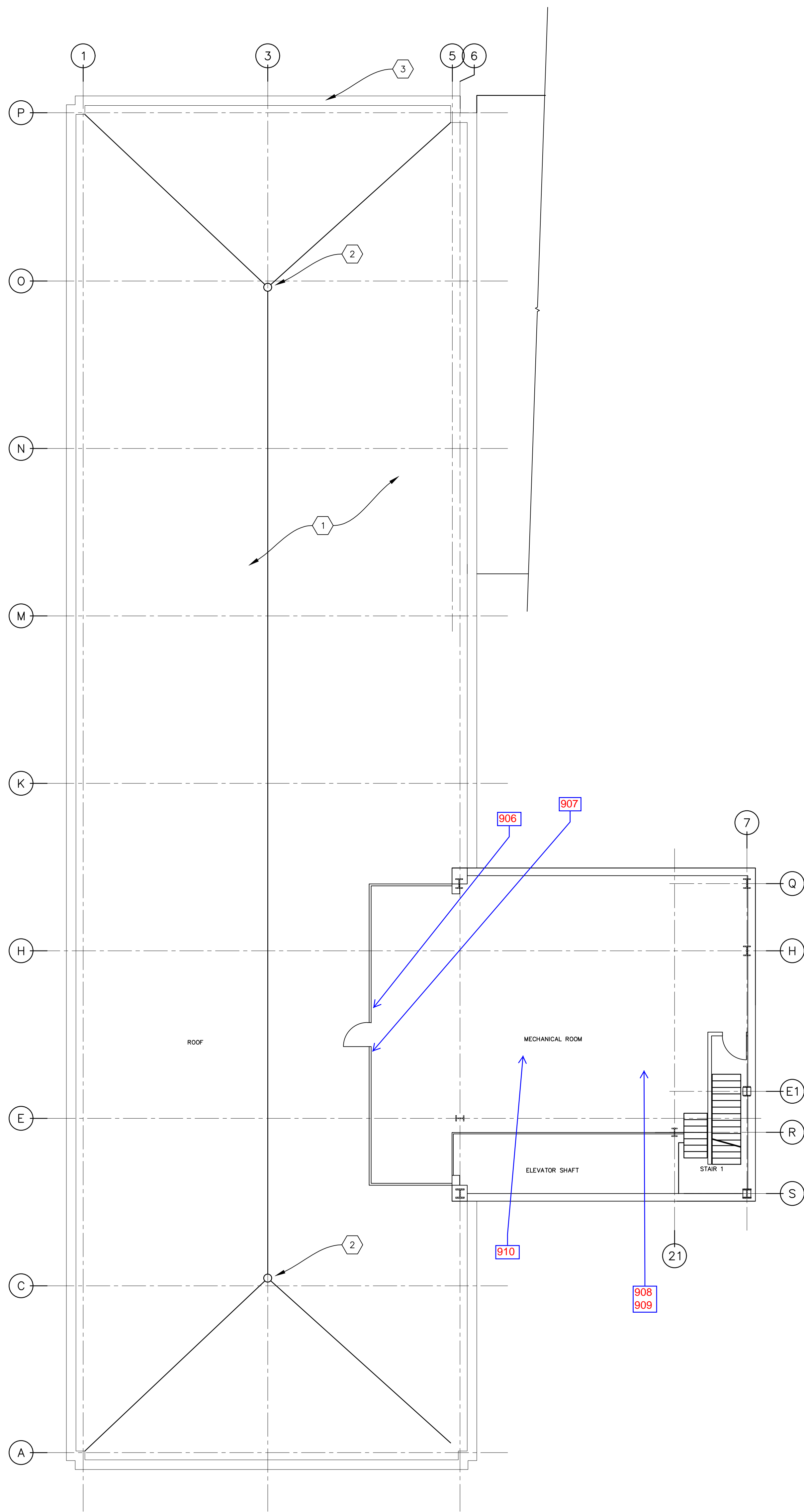
- WALL LEGEND:**
- DASHED LINES INDICATE ITEMS TO BE REMOVED
 - _____ EXISTING WALL
 - _____ NEW WALL

CODED NOTES: DEMOLITION

1. REMOVE ROOF MEMBRANE DOWN TO ORIGINAL SURFACE.
2. ROOF DRAIN COVER TO REMAIN IN PLACE UNTIL REPLACEMENT ROOF IS INSTALLED.
3. STONE COPING TO REMAIN IN PLACE. TYP OF ALL.

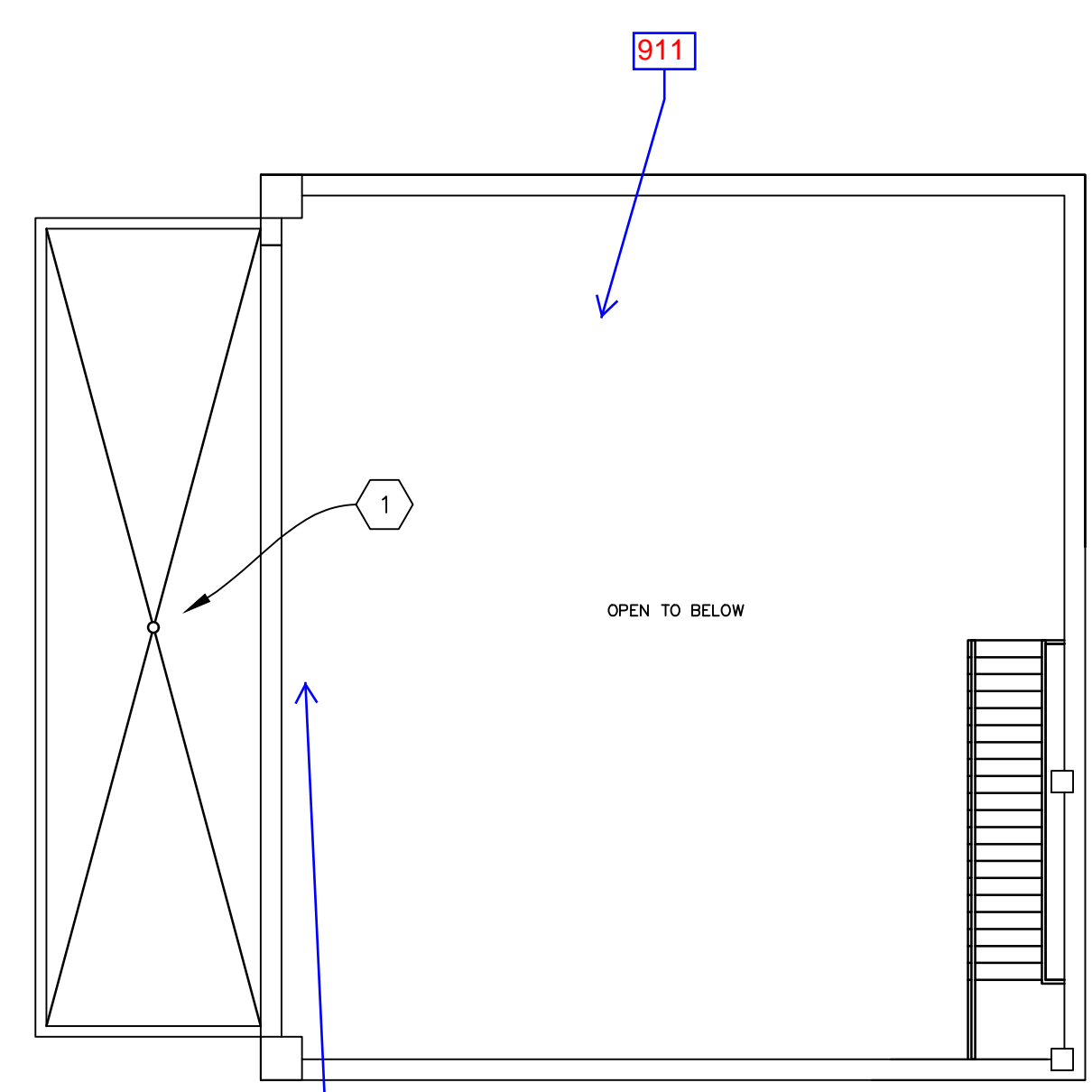
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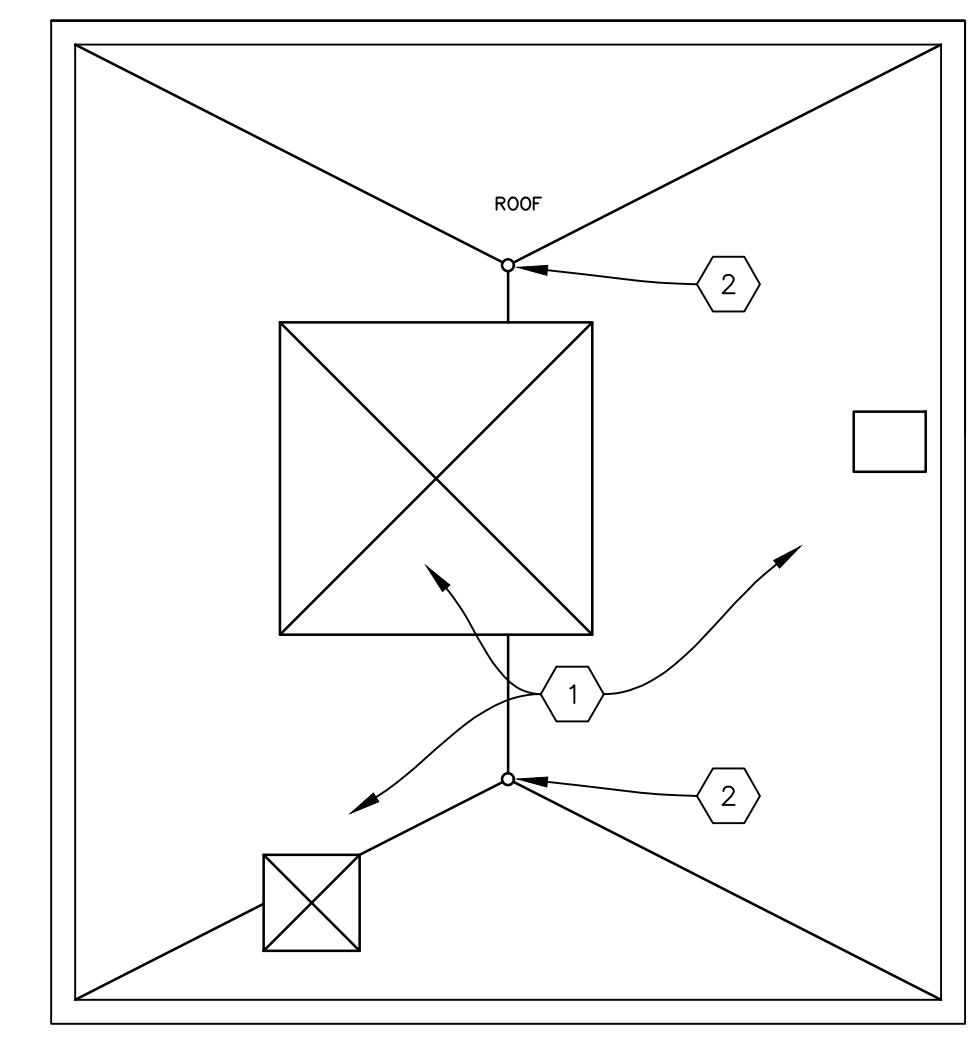
DEMOLITION
ROOF PLAN
SCALE: 1/8" = 1'-0"

1
D109



DEMOLITION
MCA CENTER UPPER MECH ROOM PLAN
SCALE: 1/8" = 1'-0"

2
D109



DEMOLITION
MCA CENTER UPPER MECH ROOM PLAN
SCALE: 1/8" = 1'-0"

3
D109

NOT FOR CONSTRUCTION

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Attachment 8

INVENTORY OF UNIVERSAL WASTE TABLE

**INVENTORY OF UNIVERSAL WASTE TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Material Location	Material Description	Estimated Quantity
<i>The following universal waste is located in the Basement</i>		
Room 1	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Light	34 tubes 34 ballasts 1 light
Room 2	4' Fluorescent Light Tubes Fluorescent Light Ballasts Stored Universal Waste	30 tubes 10 ballasts Unknown
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Light	14 tubes 14 ballasts 1 light
Room 4	4' Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 6 ballasts
Walk-in box	4' Fluorescent Light Tubes Fluorescent Light Ballasts Cooling Units	8 tubes 4 ballasts 2 units
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Room 6	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
Room 7	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Exit Light Combo	48 tubes 18 ballasts 1 unit
Room 9	4' Fluorescent Light Tubes Fluorescent Light Ballasts	10 tubes 5 ballasts
Room 10	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 11	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 12	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Light Smoke Detector	20 tubes 10 ballasts 3 lights 1 light 1 unit
Room 13	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Light Exit Light	44 tubes 22 ballasts 1 light 1 light
Room 14	4' Fluorescent Light Tubes	2 tubes
Room 15	4' Fluorescent Light Tubes Fluorescent Light Ballasts Batteries in Storage	4 tubes 2 ballasts 7 batteries

**INVENTORY OF UNIVERSAL WASTE TABLE
FORMICA BUILDING
120 EAST FOURTH STREET
CINCINNATI, OHIO**

Material Location	Material Description	Estimated Quantity
<i>Basement, con't.</i>		
Room 16	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Room 17	4' Fluorescent Light Tubes Fluorescent Light Ballasts New High Efficiency Boilers	18 tubes 9 ballasts 5 boilers
Room 18 ramps	4' Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 3 ballasts
Room 19	Transformers and Switch Gear	4 units
Loading dock	4' Fluorescent Light Tubes Fluorescent Light Ballasts	92 tubes 46 ballasts
Room 23	4' Fluorescent Light Tubes Fluorescent Light Ballasts Floor Fixtures Stored	16 tubes 8 ballasts 150 fixtures
Room 24	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Room 25	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Corridor	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Light Transformers and Switch Gear	12 tubes 6 ballasts 3 lights 1 light Unknown
Room 30	Transformers and Breaker Panels	2 units
Room 31	Phone Equipment	Unknown
Room 32	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Room 32	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Light Mercury Thermostat	18 tubes 18 ballasts 1 light 1 unit
Room 33	4' Fluorescent Light Tubes Fluorescent Light Ballasts Ice Machines Small Refrigerator CO2 Tanks	40 tubes 20 ballasts 2 units 1 unit 2 tanks
Room 34	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Light	8 tubes 4 ballasts 1 light

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Material Location	Material Description	Estimated Quantity
<i>Basement, con't.</i>		
Room 36	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 37	4' Fluorescent Light Tubes Fluorescent Light Ballast Exit Light Emergency Light	2 tubes 1 ballast 1 light 1 light
Room 38	4' Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 3 ballasts
Room 39	4' Fluorescent Light Tubes Fluorescent Light Ballasts Refrigerators	62 tubes 31 ballasts 7 units
Room 40	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
Room 41	Stored High Voltage Light Fixtures with Transformer	14 units
Room 45	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
<i>The following universal waste is located on the First Floor</i>		
Room 1	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Light Exit Light Drinking Fountains	24 tubes 8 ballasts 1 light 1 light 1 unit
Room 2	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Lights Exit Lights Smoke Detectors Drinking Fountains	42 tubes 21 ballasts 3 lights 3 lights 2 units 2 units
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts Electric Transformer	4 tubes 2 ballasts 1 unit
Room 4	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Room 5 stairwell	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Lights	14 tubes 7 ballasts 4 lights 3 lights
Room 6	Transformer / Electrical Equipment	1 unit

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Material Location	Material Description	Estimated Quantity
<i>First Floor, con't.</i>		
Room 7	4' Fluorescent Light Tubes Fluorescent Light Ballasts Mercury Thermostat	14 tubes 7 ballasts 1 unit
Room 8	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Room 9	4' Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 3 ballasts
Room 10	4' Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 3 ballasts
Room 11	4' Fluorescent Light Tubes Fluorescent Light Ballasts Mercury Thermostat Ice Machine Freezer Refrigerators Microwave	10 tubes 5 ballasts 1 unit 1 unit 1 freezer 5 units 1 unit
Room 12	4' Fluorescent Light Tubes Fluorescent Light Ballasts Flood Bulbs Mercury Thermostats Exit Lights Emergency Lights	44 tubes 22 ballasts 36 bulbs 3 units 2 lights 2 lights
Room 13	4' Fluorescent Light Tubes Fluorescent Light Ballasts	45 tubes 15 ballasts
Room 14	8' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Light Emergency Light	16 tubes 24 ballasts 1 light 1 light
Room 15	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Light	10 tubes 5 ballasts 2 lights 1 light
Room 17	4' Fluorescent Light Tubes Fluorescent Light Ballasts	4 tubes 2 ballasts
Room 18	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
Room 19	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Light Emergency Lights	4 tubes 2 ballasts 1 light 2 lights

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Material Location	Material Description	Estimated Quantity
<i>First Floor, con't.</i>		
Room 20	4' Fluorescent Light Tubes Fluorescent Light Ballast Exit Light	2 tubes 1 ballast 1 light
Room 21	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Lights Exit Lights	14 tubes 7 ballasts 3 lights 2 lights
Room 22	4' Fluorescent Light Tubes Fluorescent Light Ballasts Flood Bulbs Emergency Light Exit Sign	24 tubes 12 ballasts 14 bulbs 1 light 1 sign
Room 23	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Signs Emergency Lights Refrigerators Large Cooling Box with Compressors	204 tubes 102 ballasts 3 signs 2 lights 10 units 2 units
Room 24	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Light	76 tubes 38 ballasts 1 light
Room 26	Flood Bulbs Small Air Handler with Remote A/C Unit	5 bulbs 1 unit
Room 27A	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Lights	10 tubes 5 ballasts 2 lights
Room 27B	Exit Lights	2 lights
Room 27C	Exit Light	1 light
Room 27D	Exit Light	1 light
<i>The following universal waste is located on the Second Floor</i>		
Room 1 elevator lobby	Exit Light Smoke Detector	1 light 1 unit
Room 2	Exit Light Emergency Light	1 light 1 light
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Lights	24 tubes 12 ballasts 4 lights 3 lights

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Material Location	Material Description	Estimated Quantity
<i>Second Floor, con't.</i>		
Room 4	4' Fluorescent Light Tubes Fluorescent Light Ballasts	16 tubes 8 ballasts
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts	16 tubes 8 ballasts
Room 6	4' Fluorescent Light Tubes Fluorescent Light Ballasts	16 tubes 8 ballasts
Room 8	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Lights	128 tubes 64 ballasts 2 lights 2 lights
Room 9	4' Fluorescent Light Tubes Fluorescent Light Ballasts Flood Bulbs Exit Lights Emergency Lights Refrigerator	68 tubes 34 ballasts 15 bulbs 2 lights 2 lights 1 unit
Room 10	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
Room 11	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Lights	16 tubes 8 ballasts 2 lights 3 lights
Room 12	4' Fluorescent Light Tubes Fluorescent Light Ballasts	7 tubes 7 ballasts
Room 13	4' U Shaped Fluorescent Light Tubes Fluorescent Light Ballasts	6 tubes 3 ballasts
Room 14	2' Fluorescent Light Tubes Fluorescent Light Ballasts	7 tubes 6 ballasts
Room 16	Exit Lights	2 lights
Room 21	4' Fluorescent Light Tubes Fluorescent Light Ballasts	16 tubes 8 ballasts
Room 22	4' Fluorescent Light Tubes Fluorescent Light Ballasts	24 tubes 12 ballasts
Room 23	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Light	12 tubes 6 ballasts 1 light

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Material Location	Material Description	Estimated Quantity
<i>Second Floor, con't.</i>		
Room 24	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Light Smoke Detector Exit Light	36 tubes 18 ballasts 1 light 1 unit 1 light
Room 25	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights	20 tubes 10 ballasts 2 lights
Room 26	4' Fluorescent Light Tubes Fluorescent Light Ballasts	24 tubes 12 ballasts
Room 27	Emergency Lights Exit Lights	4 lights 2 lights
Room 28	Exit Lights Emergency Lights Smoke Detector Water Fountains	4 lights 2 lights 1 unit 2 units
<i>The following universal waste is located on the Third Floor</i>		
Room 1	Exit Lights Emergency Light Water Fountain	2 lights 1 light 1 unit
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts	13 tubes 9 ballasts
Room 6	Exit Light Emergency Light	1 light 1 light
Room 7	Exit Light Emergency Light	1 light 1 light
Room 8	Exit Lights	3 lights
<i>The following universal waste is located on the Fourth Floor</i>		
Room 1	Exit Lights Emergency Light Drinking Fountain	2 lights 1 light 1 unit
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Light Emergency Light	44 tubes 22 ballasts 1 light 1 light

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Material Location	Material Description	Estimated Quantity
<i>Fourth Floor, con't.</i>		
Room 6	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Light	132 tubes 66 ballasts 2 lights 1 light
Room 7	Exit Lights Smoke Detector	5 lights 3 units
Room 8	Exit Lights Emergency Lights	3 lights 2 lights
<i>The following universal waste is located on the Fifth Floor</i>		
Room 1	Exit Light Water Fountain LED Lighting	1 light 1 unit Unknown
Room 2	Electrical Equipment Phone Equipment	Unknown Unknown
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Lights Exit Lights	400 tubes 200 ballasts 5 lights 3 lights
<i>The following universal waste is located on the Sixth Floor</i>		
Room 1	Exit Light Water Fountain	1 light 1 unit
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Lights Exit Lights	400 tubes 200 ballasts 6 lights 5 lights
<i>The following universal waste is located on the Seventh Floor</i>		
Room 1	Exit Lights Smoke Detector Drinking Fountain	2 lights 1 unit 1 unit
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights	56 tubes 28 ballasts 2 lights

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Material Location	Material Description	Estimated Quantity
<i>Seventh Floor, con't.</i>		
Room 6	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Lights	400 tubes 200 ballasts 4 lights 4 lights
<i>The following universal waste is located on the Eighth Floor</i>		
Room 1	Exit Light Smoke Detector	1 light 1 unit
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 6	4' Fluorescent Light Tubes Fluorescent Light Ballasts 4' U Shaped Fluorescent Light Tubes Fluorescent Light Ballasts	12 tubes 6 ballasts 12 tubes 8 ballasts
Room 7	4' Fluorescent Light Tubes Fluorescent Light Ballasts	140 tubes 70 ballasts
Room 8	4' Fluorescent Light Tubes Fluorescent Light Ballasts	24 tubes 12 ballasts
Room 9	4' Fluorescent Light Tubes Fluorescent Light Ballasts	16 tubes 8 ballasts
Room 11	4' Fluorescent Light Tubes Fluorescent Light Ballasts 4' U Shaped Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Emergency Lights	176 tubes 88 ballasts 8 tubes 4 ballasts 8 lights 4 lights
<i>The following universal waste is located on the Ninth Floor</i>		
Room 1	Exit Light Emergency Light Drinking Fountain	1 light 1 light 1 unit
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts	108 tubes 54 ballasts
Room 6	4' Fluorescent Light Tubes Fluorescent Light Ballasts	56 tubes 28 ballasts

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Material Location	Material Description	Estimated Quantity
<i>Ninth Floor, con't.</i>		
Room 7	4' Fluorescent Light Tubes Fluorescent Light Ballasts	88 tubes 44 ballasts
Room 8	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Light	90 tubes 3 ballasts 1 light
<i>The following universal waste is located on the Tenth Floor</i>		
Room 1	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights Drinking Fountain	24 tubes 8 ballasts 3 lights 1 unit
Room 2	Electrical Equipment Phone Equipment	Unknown Unknown
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts Flood Bulbs Emergency Lights Exit Lights	181 tubes 89 ballasts 5 bulbs 3 lights 3 lights
Room 6	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Light	36 tubes 18 ballasts 1 light
Room 7	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights	90 tubes 30 ballasts 2 lights
<i>The following universal waste is located on the Eleventh Floor</i>		
Room 1	Exit Light Drinking Fountain	1 light 1 unit
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 5	Exit Lights	9 lights
<i>The following universal waste is located on the Twelfth Floor</i>		
Room 1	Exit Light Drinking Fountain	1 light 1 unit
Room 3	4' Fluorescent Light Tubes Fluorescent Light Ballasts	8 tubes 4 ballasts
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts Flood Bulbs Exit Lights	152 tubes 76 ballasts 21 bulbs 5 lights

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Material Location	Material Description	Estimated Quantity
<i>Twelfth Floor, con't.</i>		
Room 6	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights	120 tubes 6 ballasts 3 lights
Room 7	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights	120 tubes 60 ballasts 3 lights
Room 8	Exit Signs Emergency Lights	3 signs 2 lights
<i>The following universal waste is located on the Fifteenth Floor</i>		
Room 1	4' Fluorescent Light Tubes Fluorescent Light Ballasts Smoke Detector Exit Light Emergency Light	8 tubes 2 ballasts 1 unit 1 light 1 light
Room 5	4' Fluorescent Light Tubes Fluorescent Light Ballasts Exit Lights	400 tubes 200 ballasts 7 lights
<i>The following universal waste is located on the Penthouse Level</i>		
Penthouse	4' Fluorescent Light Tubes Fluorescent Light Ballasts	20 tubes 10 ballasts
Upper mechanical room	4' Fluorescent Light Tubes Fluorescent Light Ballast	2 tubes 1 ballast
<i>The following universal waste is located in the Stairwells</i>		
Northeast stairs 1 at elevator	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Lights	54 tubes 27 ballasts 15 lights
Northwest stairs 2	4' Fluorescent Light Tubes Fluorescent Light Ballasts Emergency Lights	56 tubes 23 ballasts 14 lights