

NESHAP ASBESTOS SURVEY

Performed For:

CITY OF JOLIET
150 W. Jefferson Street
Joliet, Illinois 60432

Project Location:



FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432

Inspection Date: June 20, 2024

MEC Project #: 24-06-490-INSP

**Corporate
Headquarters**
2551 N. Bridge Street
Yorkville, Illinois 60560
P: 630-553-3989

Chicago Office
954 W. Washington Blvd.
Suite 425
Chicago, Illinois 60607
P: 312-535-3228

Peoria Office
3100 N. Knoxville Ave.
Suite 204
Peoria, Illinois 61603
P: 309-621-4680



CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432

Table of Contents

MEC Project #: 24-06-490-INSP

<i>Narrative</i>	<i>Section 1</i>
<i>Asbestos Bulk Sample Summary Table</i>	<i>Section 2</i>
<i>Drawings of Homogeneous Areas</i>	<i>Section 3</i>
<i>Photographs of Homogeneous Areas</i>	<i>Section 4</i>
<i>Laboratory Analytical Report</i>	<i>Section 5</i>
<i>Licensing / Certifications</i>	<i>Section 6</i>

Section 1:

Introduction:

Midwest Environmental Consulting Services, Inc. (MEC) was retained by the City of Joliet to conduct a comprehensive National Emission Standards for Hazardous Air Pollutants (NESHAP) survey for suspect asbestos-containing materials (ACM) at the former commercial building located at 1 E. Cass Street, Joliet, IL 60432. The asbestos inspection was performed on June 20, 2024. This comprehensive NESHAP inspection was intended to address the potential existence of ACM on the interior and exterior prior to future planned demolition of the building.

Section 2:

Protocol:

The bulk sampling strategy is based upon the protocol of homogeneous areas established by the United States Environmental Protection Agency (USEPA). A homogeneous sampling area (HSA) is defined as an area of material that is uniform in color, texture, construction, general appearance, and date of installation.

Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) utilizing the EPA-600/M4-82-020 Method. Bulk samples were analyzed using Asbestos Hazard Emergency Response Act (AHERA) "positive stop" protocol, meaning each sample of each HSA group is analyzed until asbestos is found in the HSA or all samples in the group are analyzed and are negative for asbestos content.

Section 3:

Building Description:

The structure is a three-story former commercial building constructed in the early 1900's. The building was constructed on a concrete foundation and has a full unfinished basement. The building contains approximately 14,400 square feet of usable space. The flooring consists of concrete, wood, ceramic, vinyl floor tile and carpeting. Interior walls are wood stud framing and covered with plaster and drywall. The exterior walls are constructed with face brick. The roof consists of asphalt-based rolled roofing and was not included in this inspection.

Section 4:

Scope of Work:

The inspection was to address the following objectives:

- * Observe, assess, and collect bulk samples of friable and non-friable asbestos containing building materials within the specific scope of work.
- * The inspection was intended to identify all homogeneous areas, and did not attempt to identify or address any other environmental health hazards.
- * The scope of work did not include identifying all potential concerns or eliminate possible risks.

A total of twenty (20) homogeneous areas were identified within the scope of work and of the twenty (20) homogeneous areas, zero (0) of the homogeneous areas tested positive for asbestos content and zero (0) homogeneous areas were assumed to contain asbestos.

Inspection Performed For:

CITY OF JOLIET

150 W. Jefferson Street

Joliet, Illinois 60432

MEC Project #: 24-06-490-INSP

Asbestos-Containing Materials:

- N/A

Assumed Asbestos-Containing Materials:

- N/A

Section 5:**Executive Summary:**

Standard practice requires that the owner provide Certified-As-Built drawings for review by the inspector. At the time of the inspection, these drawings were not available. Therefore, the accuracy of the inspection can only be based on the materials that were accessible or known about prior to the inspection. If a suspect material is identified during demolition, all work shall stop immediately until the materials can be sampled for asbestos content.

During renovation or demolition, it is recommended that a project design, project oversight, and air monitoring be in place prior to any asbestos abatement work being conducted. An Illinois Department of Public Health licensed asbestos abatement contractor must be in place prior to any asbestos abatement activities.

Prior to any planned renovation or demolition taking place, Midwest Environmental Consulting Services, Inc., strongly recommends that either the client contact Midwest Environmental Consulting Services, Inc., or the Illinois Department of Public Health or the Illinois Environmental Protection Agency in regards to applicable rules and regulations.

This survey report is for the exclusive use of the City of Joliet and its respective affiliates, designees, successors, and assignees, and no other party shall have any right to rely on service provided by Midwest Environmental Consulting Services, Inc., without prior written consent. This asbestos survey is not intended to be a scope of work or project design. Estimated quantities of materials are for information only and should not be utilized for abatement bidding purposes.

Although Midwest Environmental Consulting Services, Inc., has attempted to identify all suspect asbestos materials located on the inside of the building; some materials may have been inaccessible. Midwest Environmental Consulting Services, Inc. makes no warranty, expressed or implied.

Sincerely,



Michael Glenn
IDPH-Licensed Asbestos Building Inspector 100-02620

Asbestos Bulk Sample Field Summary Table

Client: CITY OF JOLIET

Project Location: Former Commercial Building

MEC Project #: 24-06-490-INSP

Address: 150 W. Jefferson Street
Joliet, Illinois 60432

Address: 1 E. Cass Street
Joliet, Illinois 60432

Insp. Date: June 20, 2024

Inspector: Michael Glenn

IDPH #: 100-02620

H S A	MATERIAL DESCRIPTION	MATERIAL LOCATION	ACM CATEGORY	TYPE OF ANALYSIS OR ASSUMED	MATERIAL CONDITION	MATERIAL TYPE	APPROX. QUANTITY	ACM YES/NO	COMMENTS
MDA	Drywall/Compound./Tape	Walls Throughout, 1st floor ceilings	Cat II Non-friable	PLM	D	Misc	7,950 sf	No	N/A
SPA	Plaster	Ceilings and Perimeter Walls Throughout	Cat II Non-friable	PLM	D	Surf	23.460 sf	No	N/A
MFA	Black & White 12"x12" Floor Tile/Mastic	2nd floor - North center hallway, SW Stair Landings, 2nd floor office	Cat I Non-friable	PLM	D	Misc	330 sf	No	N/A
MFB	White 12"x12" Floor Tile/Mastic	2nd floor kitchen	Cat I Non-friable	PLM	D	Misc	300 sf	No	N/A
MFC	Blue 12"x12" Floor Tile/Mastic	2nd floor - walk-in cooler	Cat I Non-friable	PLM	ND	Misc	300 sf	No	N/A
MMA	Residual Mastic	2nd floor - Large Office Space	Cat I Non-friable	PLM	D	Misc	800 sf	No	N/A
MMB	Fireplace Brick	2nd floor - west wall fireplace	Cat II Non-friable	PLM	ND	Misc	20 sf	No	N/A
CTA	Ceramic Tile at Fireplace	Flooring at 2nd floor fireplace - west wall	Cat II Non-friable	PLM	D	Misc	10 sf	No	N/A
MFD	Expoxy Floor - Red	Northwest Stairs	Cat I Non-Friable	PLM	ND	Misc	320 sf	No	N/A
MMC	Floor Fill	Northwest Stairs at landing/stair interfaces	Cat II Non-friable	PLM	D	Misc	30 sf	No	N/A

ACM Category Classification:

Friable Asbestos-Containing Material = A friable ACM is a material containing more than 1% asbestos that can easily be crumbled, pulverized, or reduced to powder by hand pressure when it is dry.

Category I Non-Friable Asbestos-Containing Material = Any asbestos-containing packet, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1% asbestos.

Category II Non-Friable Asbestos-Containing Material = Any material excluding Category I Non-Friable material containing more than 1% asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure or mechanical forces expected to act on the material.

Analysis Type: PLM = Polarized Light Microscopy TEM = Transmission Electron Microscopy Assumed = Material was not tested and is assumed to contain ACM.

Condition: G = Good D = Damaged SD = Significantly Damaged

Material Type: M = Miscellaneous S = Surfacing T = Thermal

Asbestos Bulk Sample Field Summary Table

Client: CITY OF JOLIET

Project Location: Former Commercial Building

MEC Project #: 24-06-490-INSP

Address: 150 W. Jefferson Street
Joliet, Illinois 60432

Address: 1 E. Cass Street
Joliet, Illinois 60432

Insp. Date: June 20, 2024

Inspector: Michael Glenn

IDPH #: 100-02620

H S A	MATERIAL DESCRIPTION	MATERIAL LOCATION	ACM CATEGORY	TYPE OF ANALYSIS OR ASSUMED	MATERIAL CONDITION	MATERIAL TYPE	APPROX. QUANTITY	ACM YES/NO	COMMENTS
MMD	Window Glazing Compound - Wood Windows	Exterior Wood Windows	Cat II Non-friable	PLM	D	Misc	24 windows	No	N/A
FD	Fire Door Insulation	Metal Fire Doors - Throughout	Cat II Non-friable	PLM	ND	Misc	8 doors	No	N/A
MME	Window Caulk - Wood Windows	Exterior Wood Windows	Cat II Non-friable	PLM	D	Misc	24 windows	No	N/A
MMF	Glazing Compound - Glass Block	Glassblock exterior windows	Cat II Non-friable	PLN	D	Misc	5 each	No	N/A
MMG	Vinyl Baseboard Adhesive	2nd floor large office area, bathrooms, kitchen	Cat I Non-friable	PLM	D	Misc	340 lf	No	N/A
CTB	Hexagonal Ceramic Tile	1st floor - former tavern and northwest stair	Cat II Non-friable	PLM	D	Misc	2,050 sf	No	N/A
MCA	2'x2' Ceiling Tile	1st floor	Friable	PLM	D	Misc	300 sf	No	N/A
MFE	Black 12"x12" Floor Tile/Mastic	1st floor - Men's Restroom	Cat I Non-friable	PLM	D	Misc	140 sf	No	N/A
MFG	White 12"x12" Floor Tile/Mastic - 1st floor	1st floor - Kitchen	Cat I Non-friable	PLM	D	Misc	700 sf	No	N/A
MCB	Drywall Ceiling Tile	1st floor - Kitchen	Cat II Non-friable	PLM	D	Misc	700 sf	No	N/A

ACM Category Classification:

Friable Asbestos-Containing Material = A friable ACM is a material containing more than 1% asbestos that can easily be crumbled, pulverized, or reduced to powder by hand pressure when it is dry.

Category I Non-Friable Asbestos-Containing Material = Any asbestos-containing packet, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1% asbestos.

Category II Non-Friable Asbestos-Containing Material = Any material excluding Category I Non-Friable material containing more than 1% asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure or mechanical forces expected to act on the material.

Analysis Type: PLM = Polarized Light Microscopy TEM = Transmission Electron Microscopy Assumed = Material was not tested and is assumed to contain ACM.

Condition: G = Good D = Damaged SD = Significantly Damaged

Material Type: M = Miscellaneous S = Surfacing T = Thermal

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

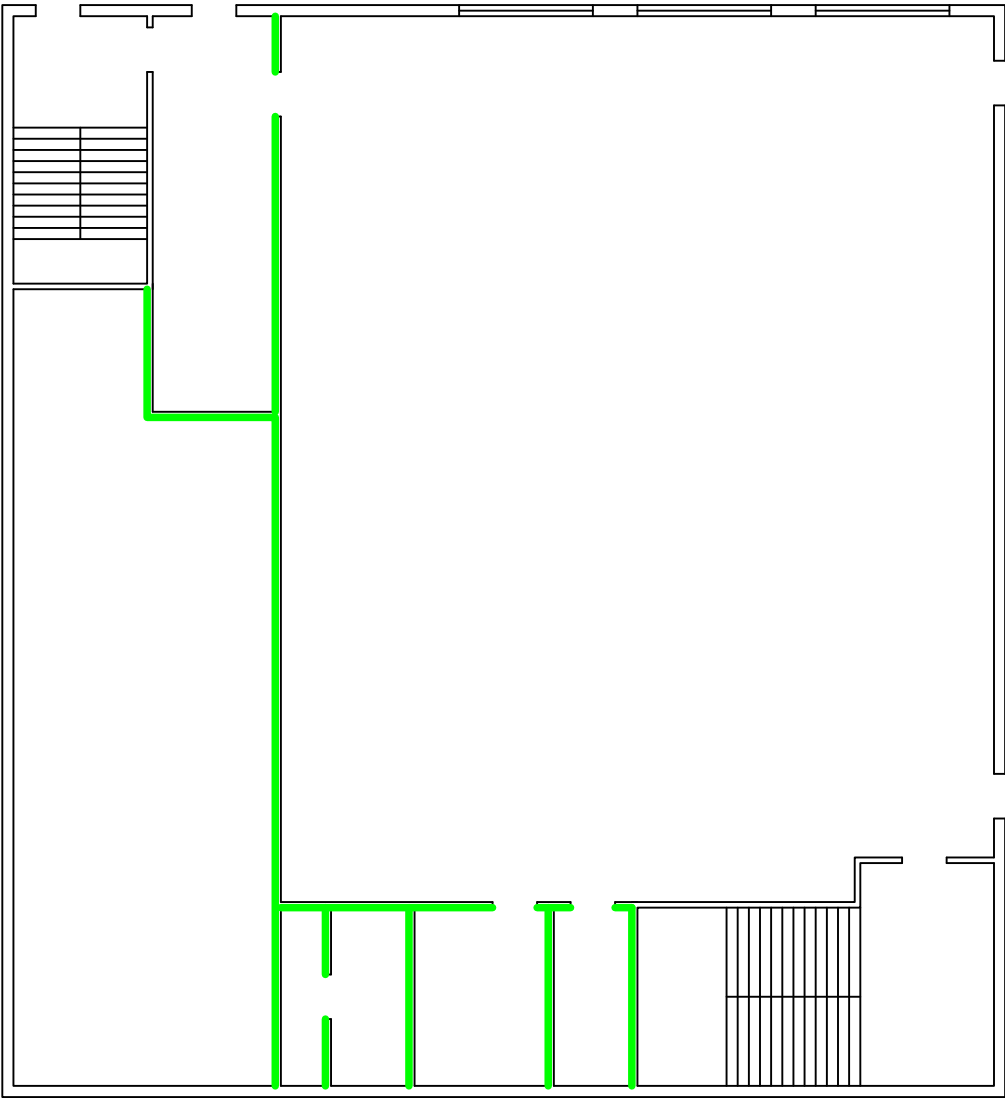
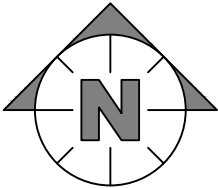
MDA

Drywall/Compound/Tape

7,950 SF

No

N/A



1ST FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

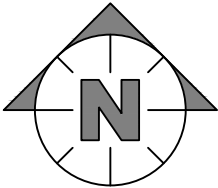
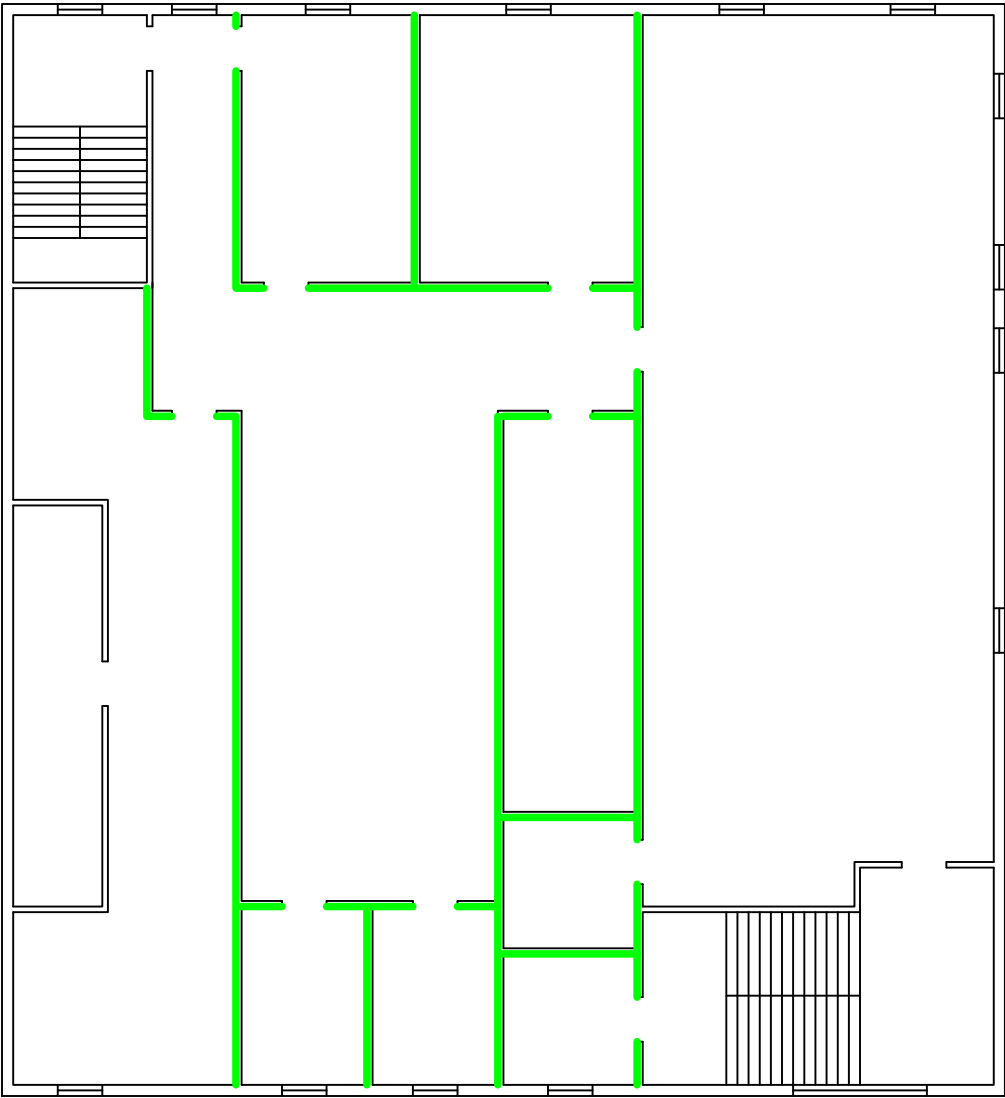
MDA

Drywall/Compound/Tape

7,950 SF

No

N/A



2ND FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

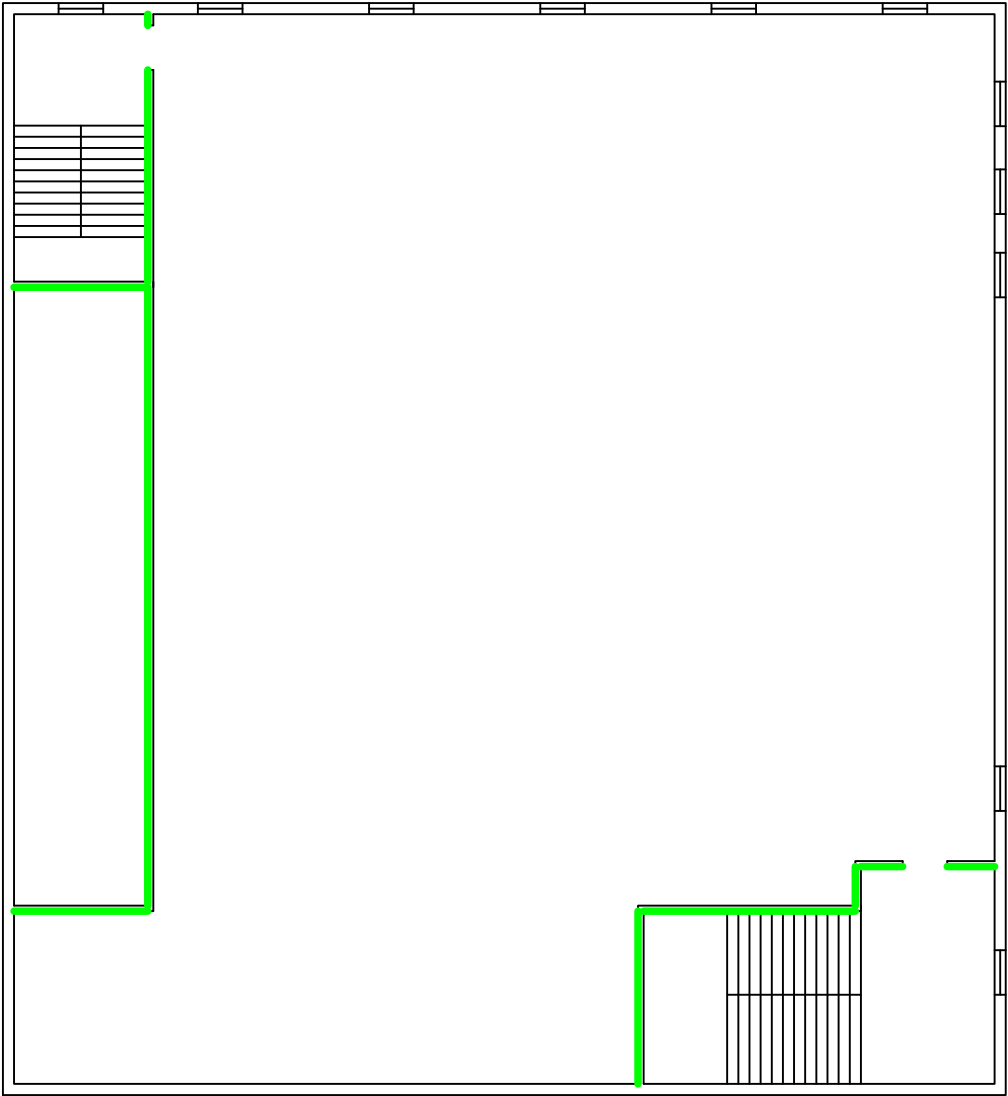
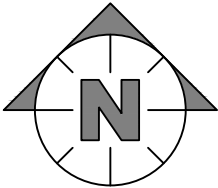
MDA

Drywall/Compound/Tape

7,950 SF

No

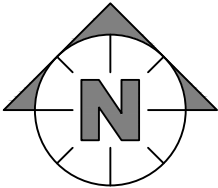
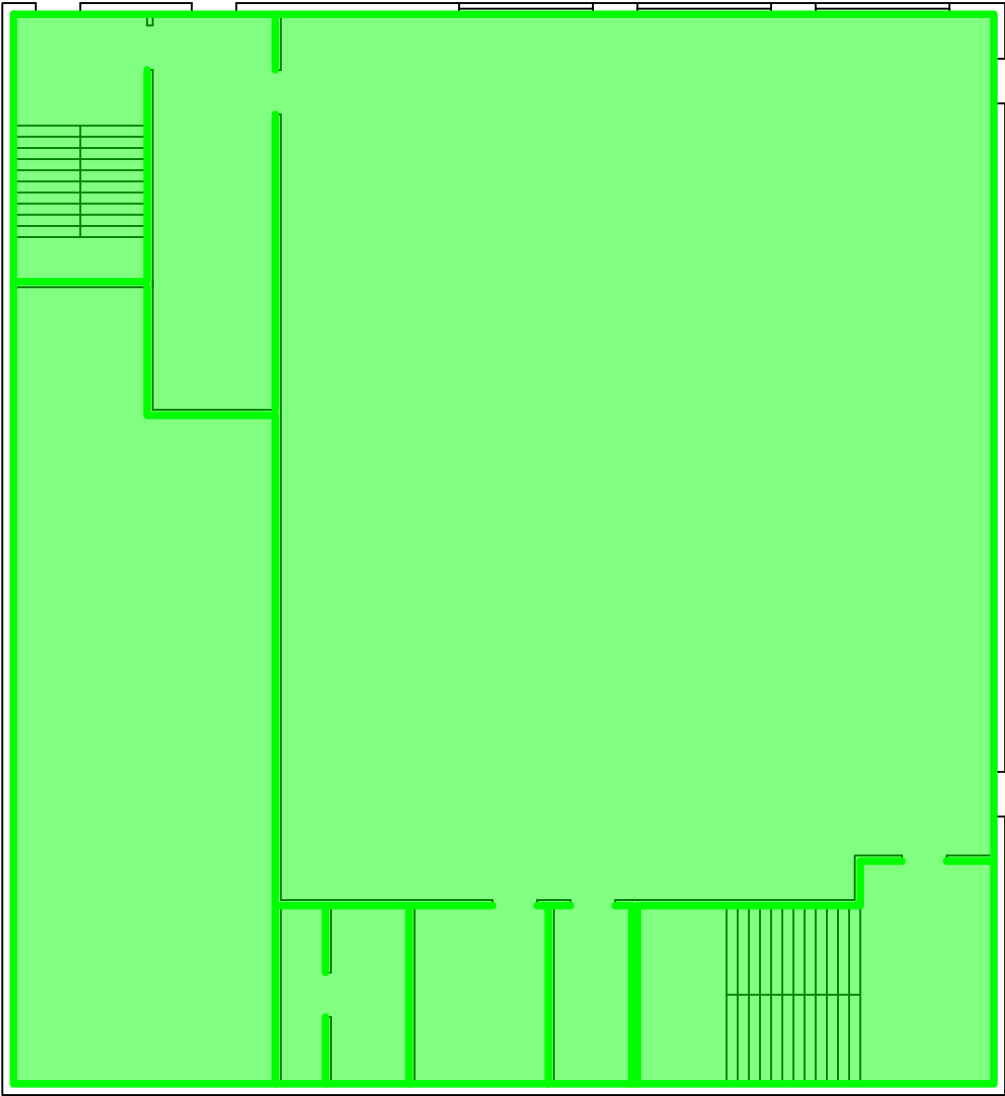
N/A



3RD FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: SPA
DESCRIPTION: Plaster
QUANTITY ESTIMATE: 23,460 SF
ACM Y/N: No
COMMENTS: N/A



1ST FLOOR

Consultant:



Midwest
Environmental
Consulting Services, Inc.
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

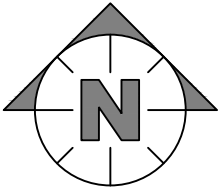
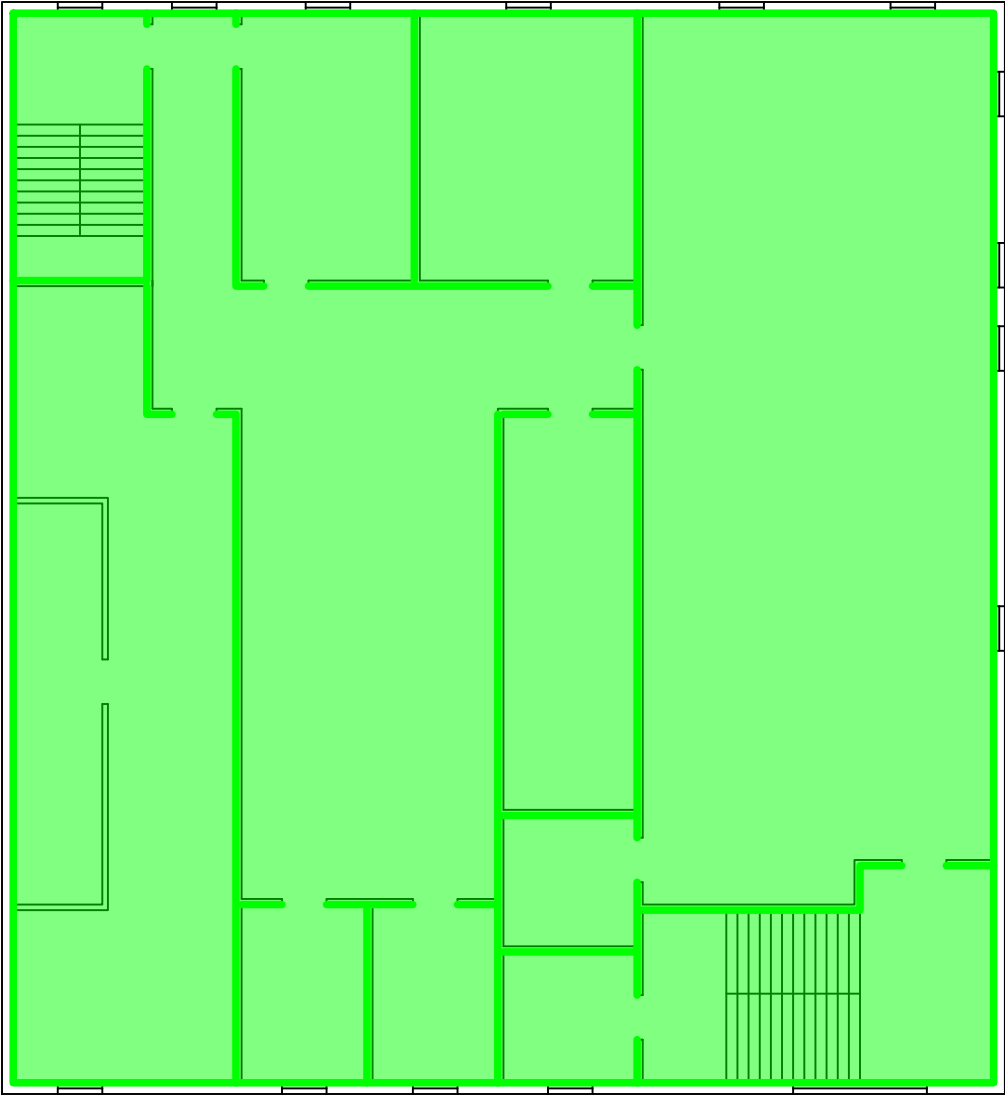
Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale:	NTS
Drawn By:	BGC

HOMOGENEOUS AREA: SPA
DESCRIPTION: Plaster
QUANTITY ESTIMATE: 23,460 SF
ACM Y/N: No
COMMENTS: N/A



2ND FLOOR

Consultant:



**Midwest
Environmental
Consulting Services, Inc.**
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

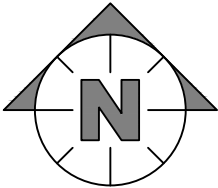
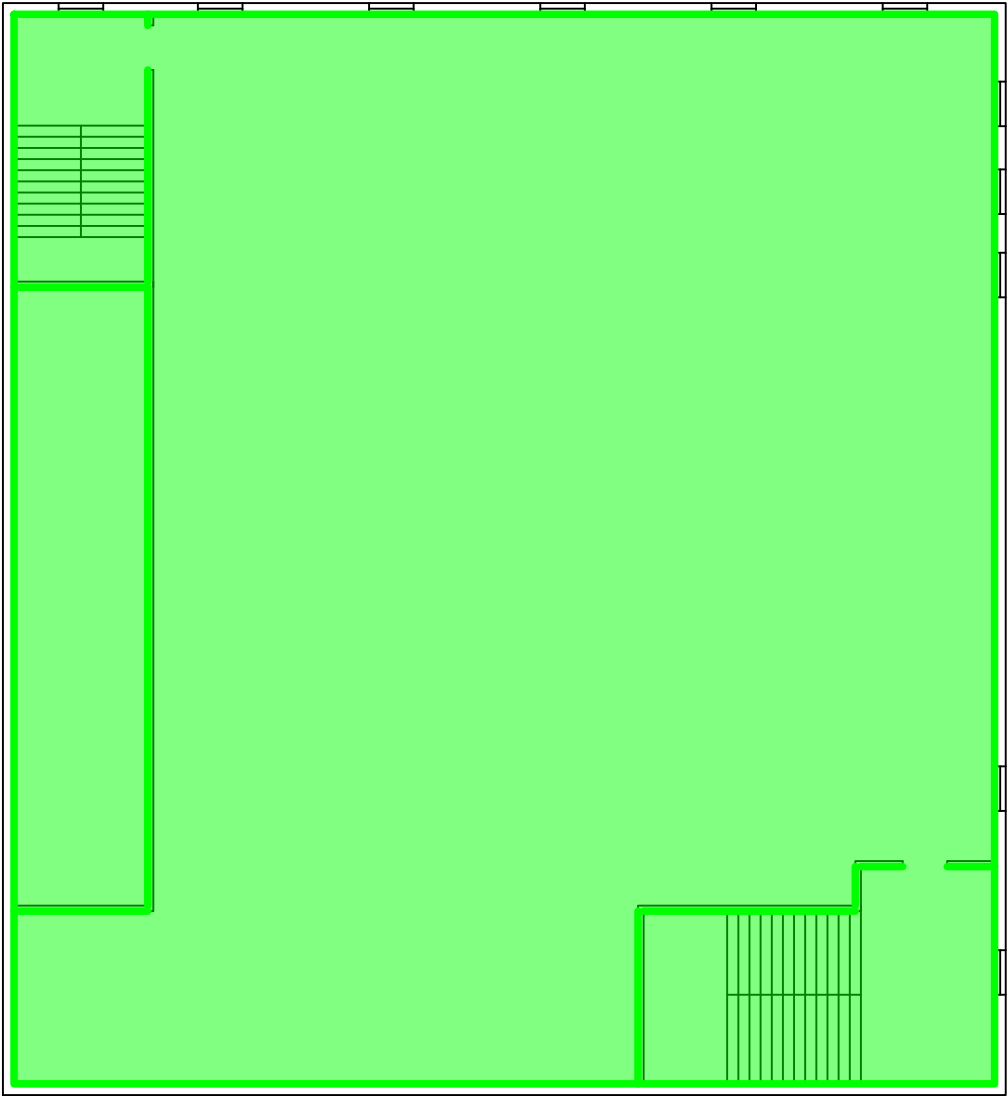
Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale:	NTS
Drawn By:	BGC

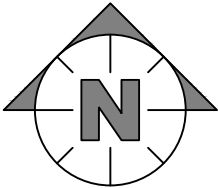
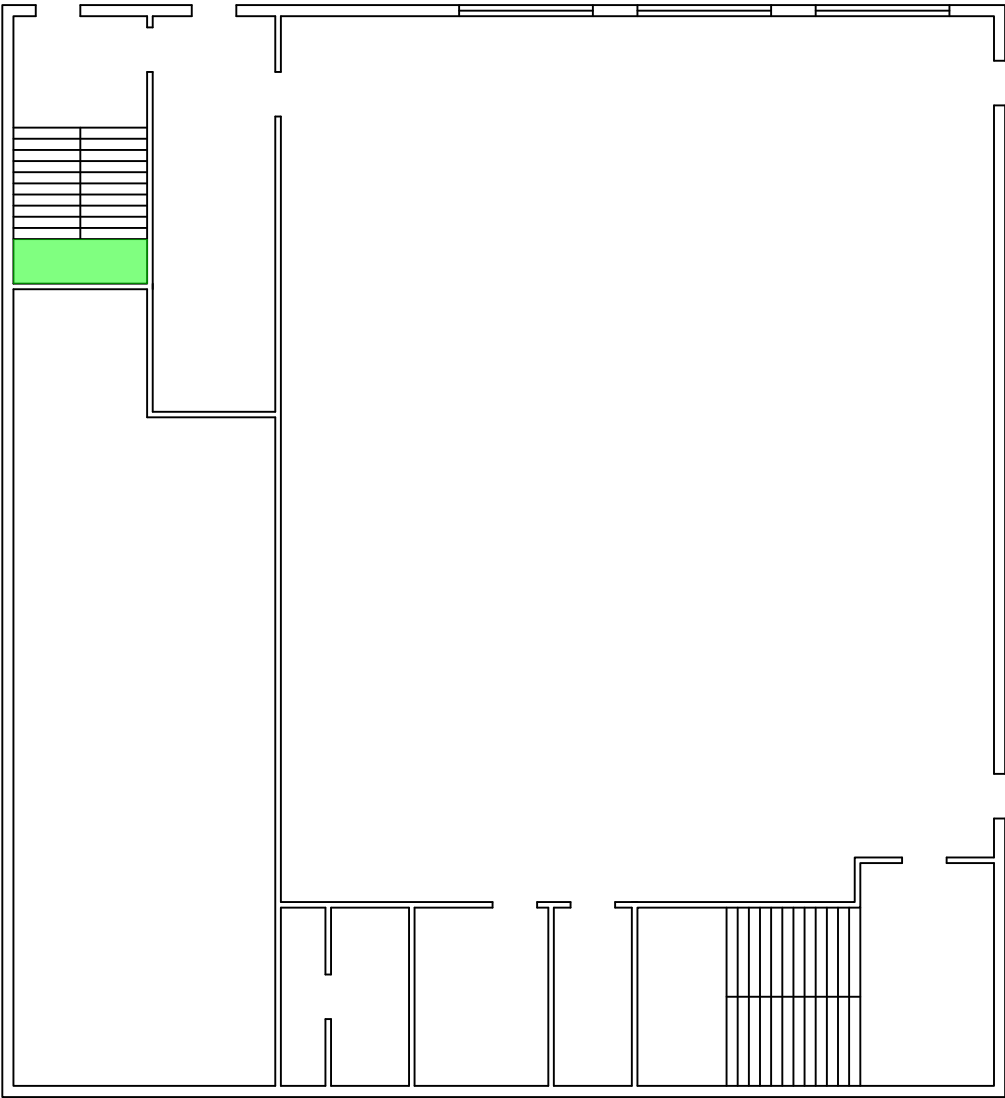
HOMOGENEOUS AREA: SPA
DESCRIPTION: Plaster
QUANTITY ESTIMATE: 23,460 SF
ACM Y/N: No
COMMENTS: N/A



3RD FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: MFA
DESCRIPTION: 12"x12" Floor Tile/Mastic - Black & White
QUANTITY ESTIMATE: 330 SF
ACM Y/N: No
COMMENTS: N/A



1ST FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

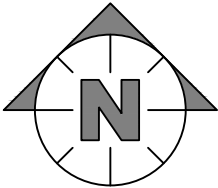
MFA

12"x12" Floor Tile/Mastic - Black & White

330 SF

No

N/A



2ND FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

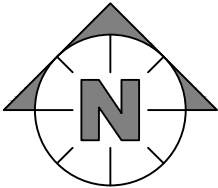
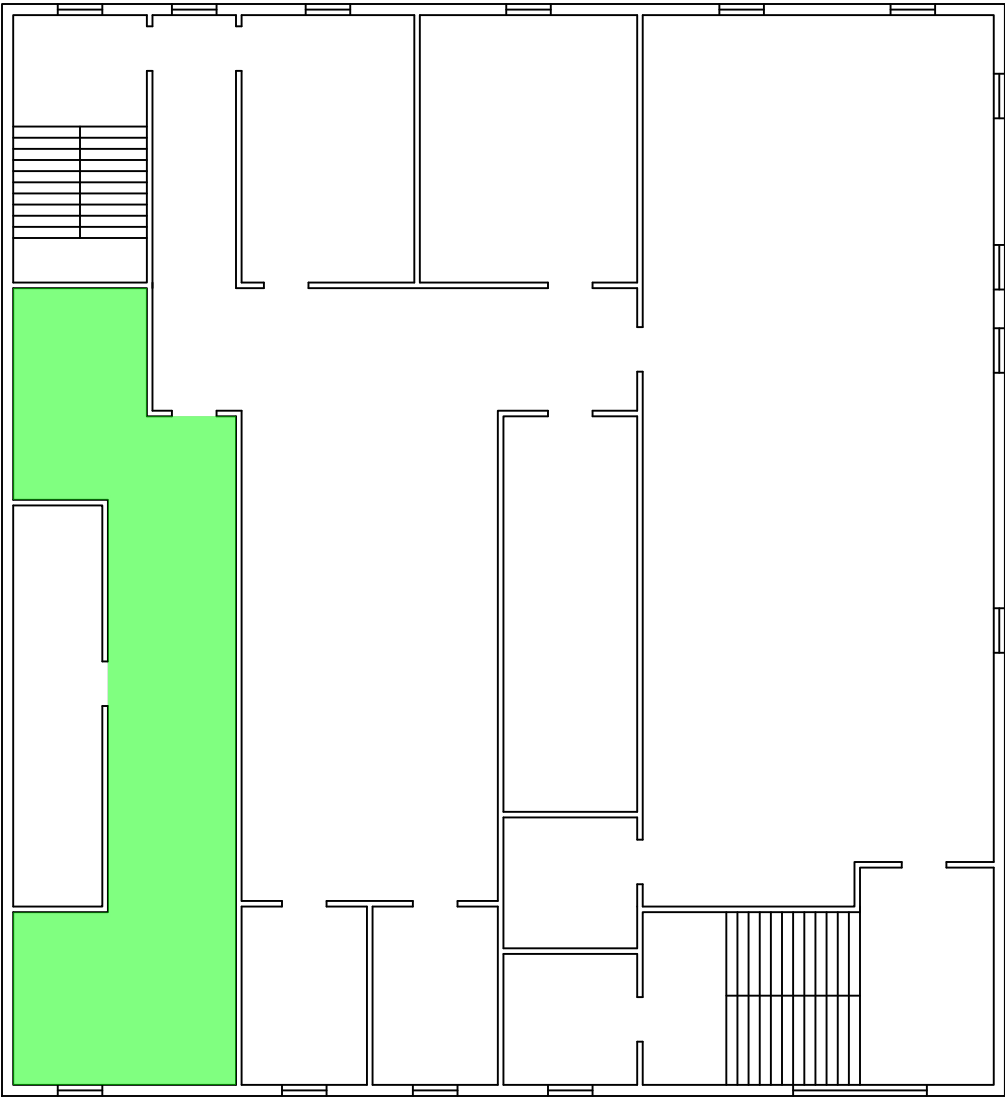
MFB

12"x12" Floor Tile/Mastic - White

300 SF

No

N/A



2ND FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

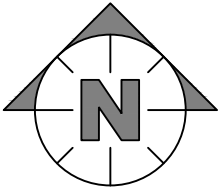
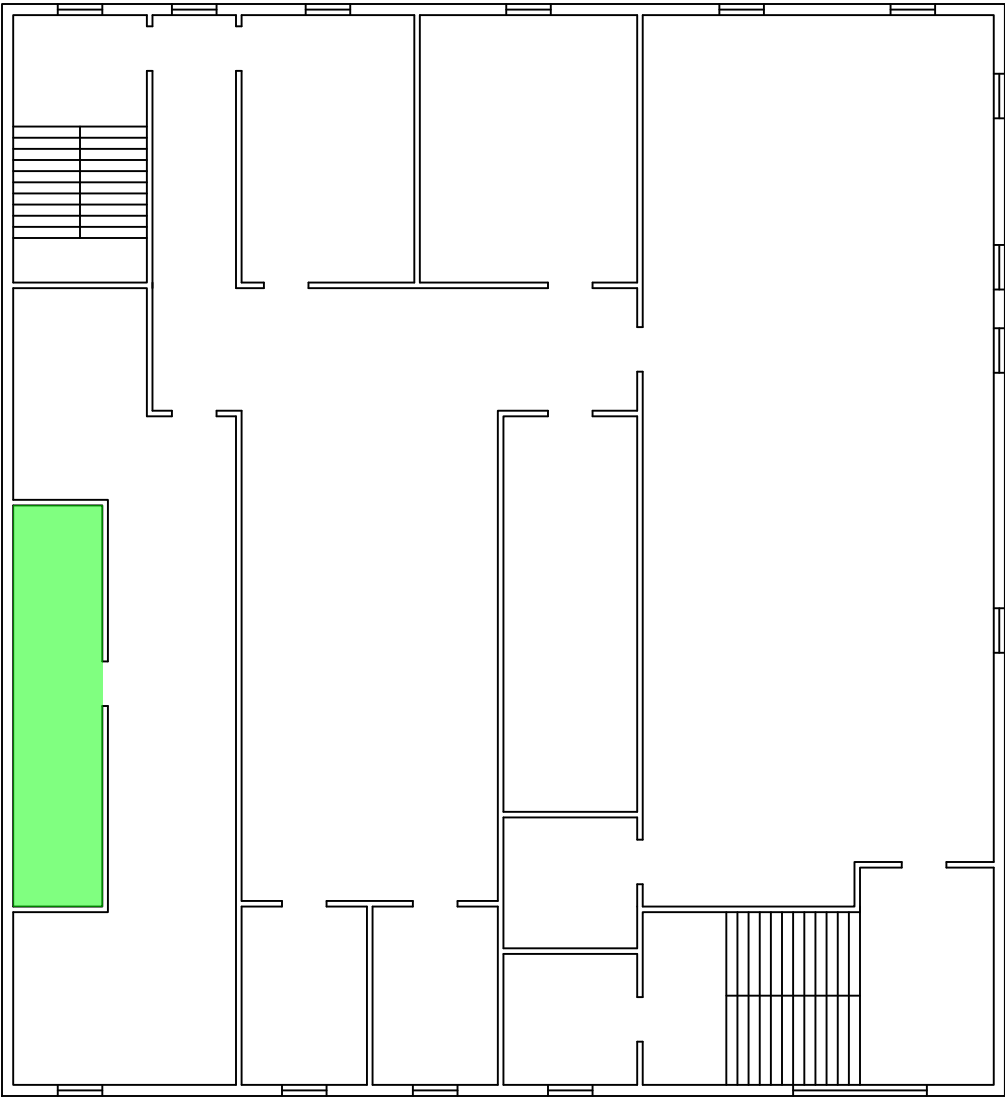
MFC

12"x12" Floor Tile/Mastic - Blue

300 SF

No

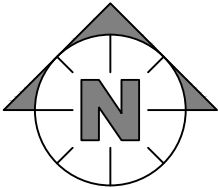
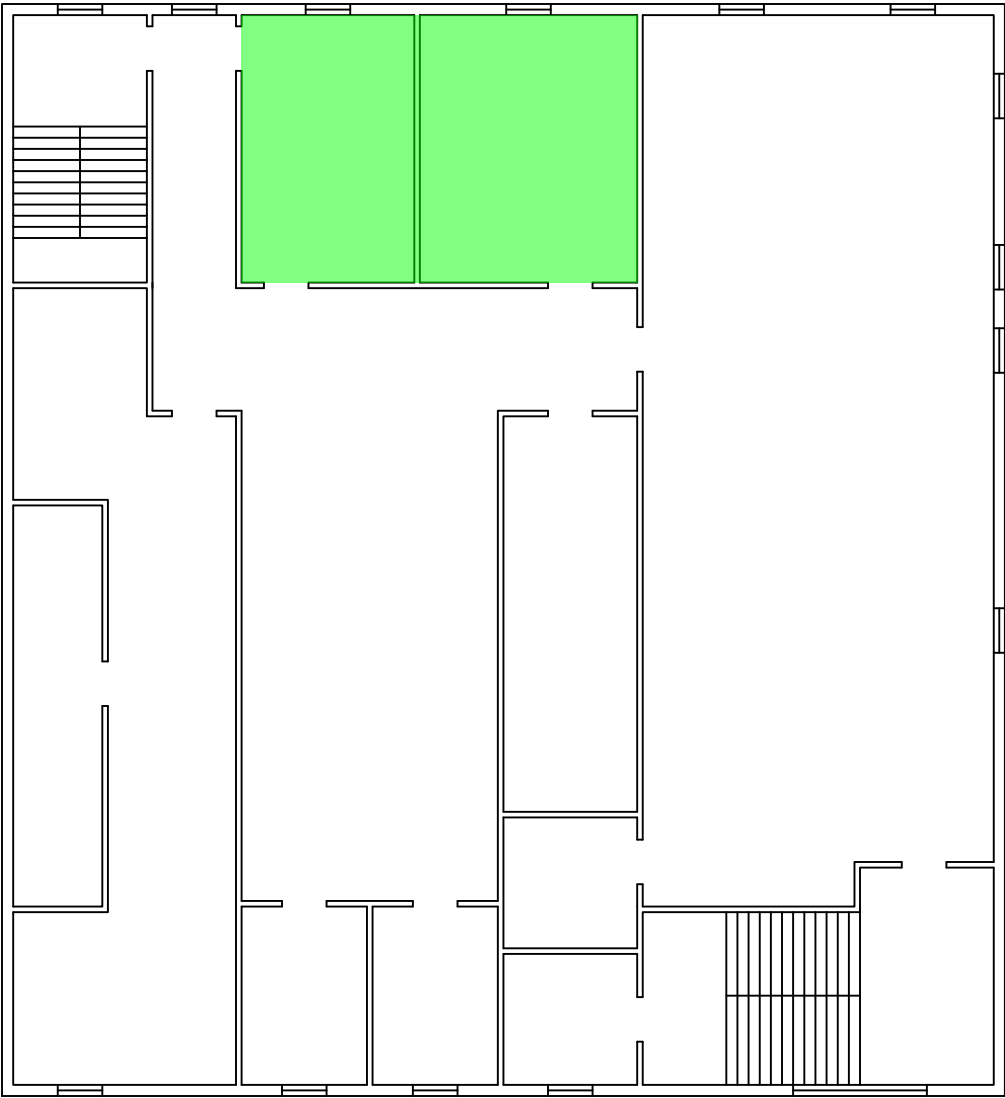
N/A



2ND FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

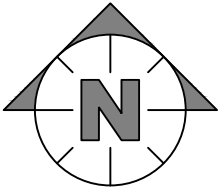
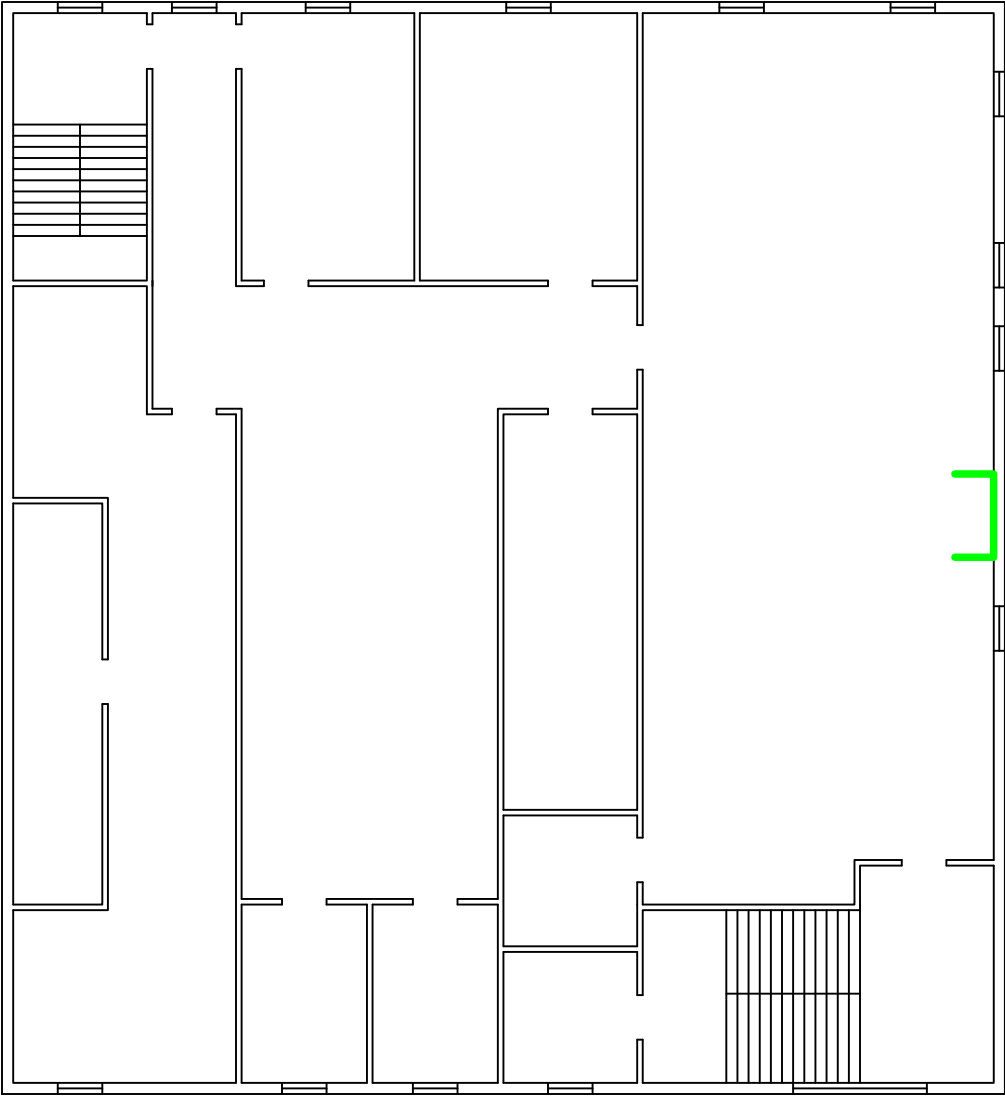
HOMOGENEOUS AREA: MMA
DESCRIPTION: Residual Mastic
QUANTITY ESTIMATE: 800 SF
ACM Y/N: No
COMMENTS: N/A



2ND FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: MMB
DESCRIPTION: Fireplace Brick
QUANTITY ESTIMATE: 20 SF
ACM Y/N: No
COMMENTS: N/A



2ND FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

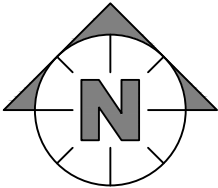
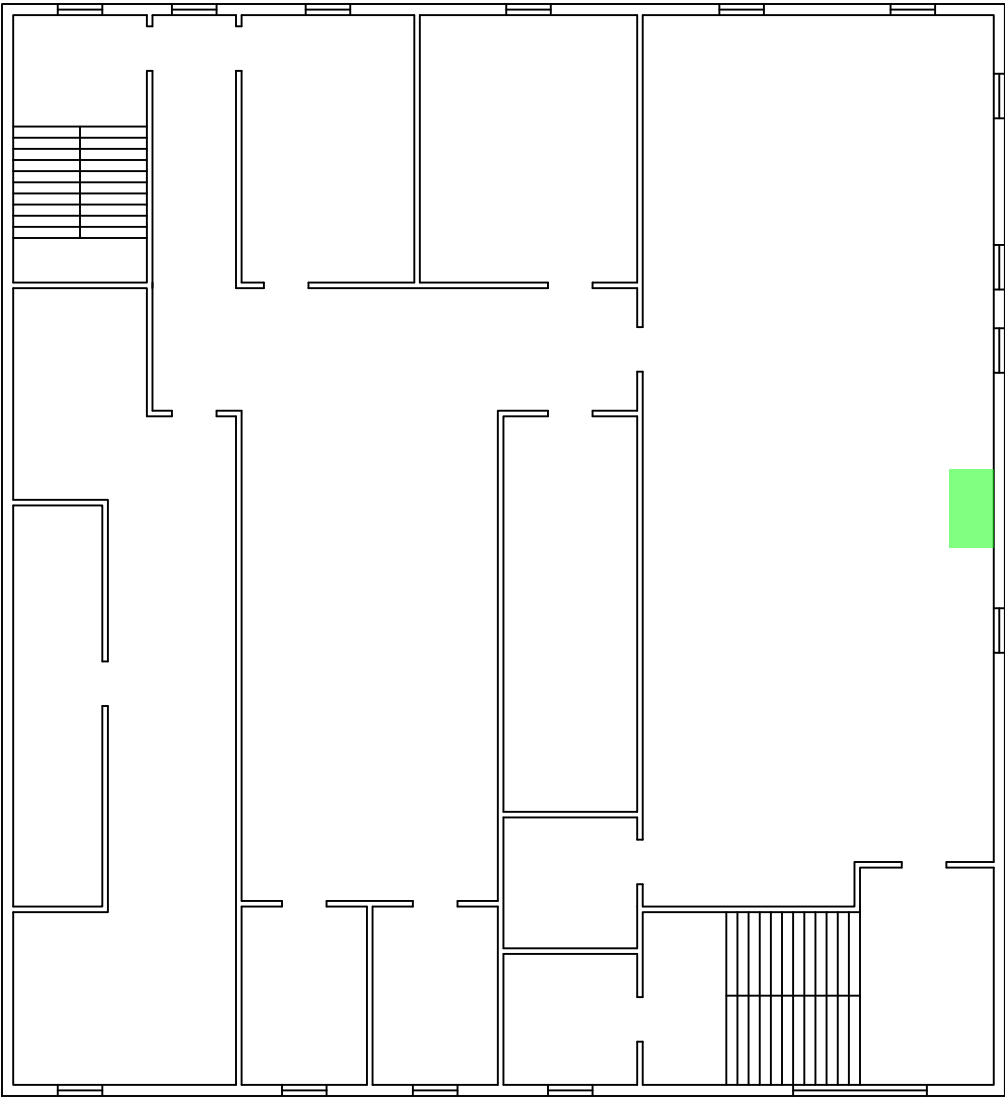
CTA

Ceramic Tile at Fireplace

105 SF

No

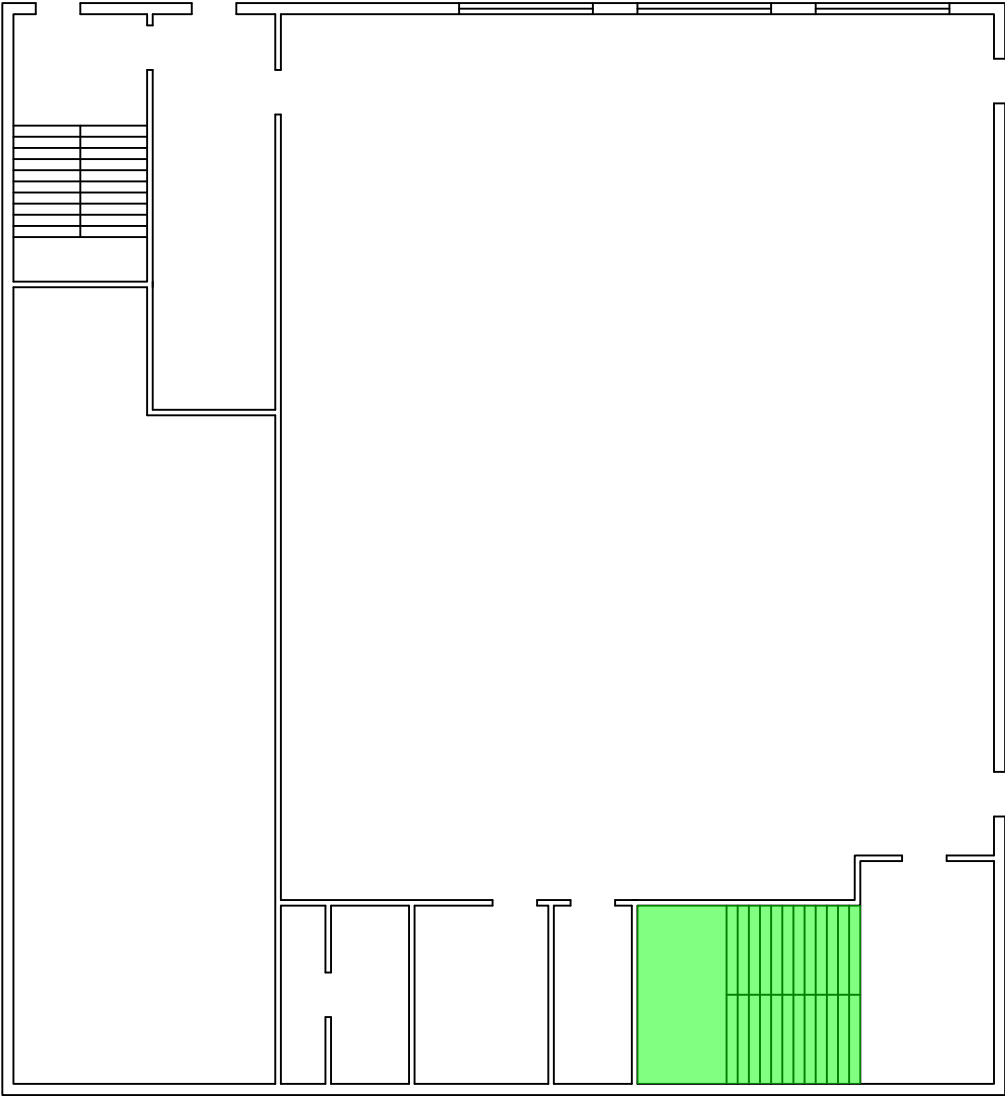
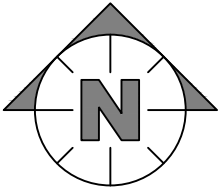
N/A



2ND FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: MFD
DESCRIPTION: Epoxy Floor - Red
QUANTITY ESTIMATE: 320 SF
ACM Y/N: No
COMMENTS: N/A



1ST FLOOR

Consultant:



**Midwest
Environmental
Consulting Services, Inc.**
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale: NTS	Drawn By: BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

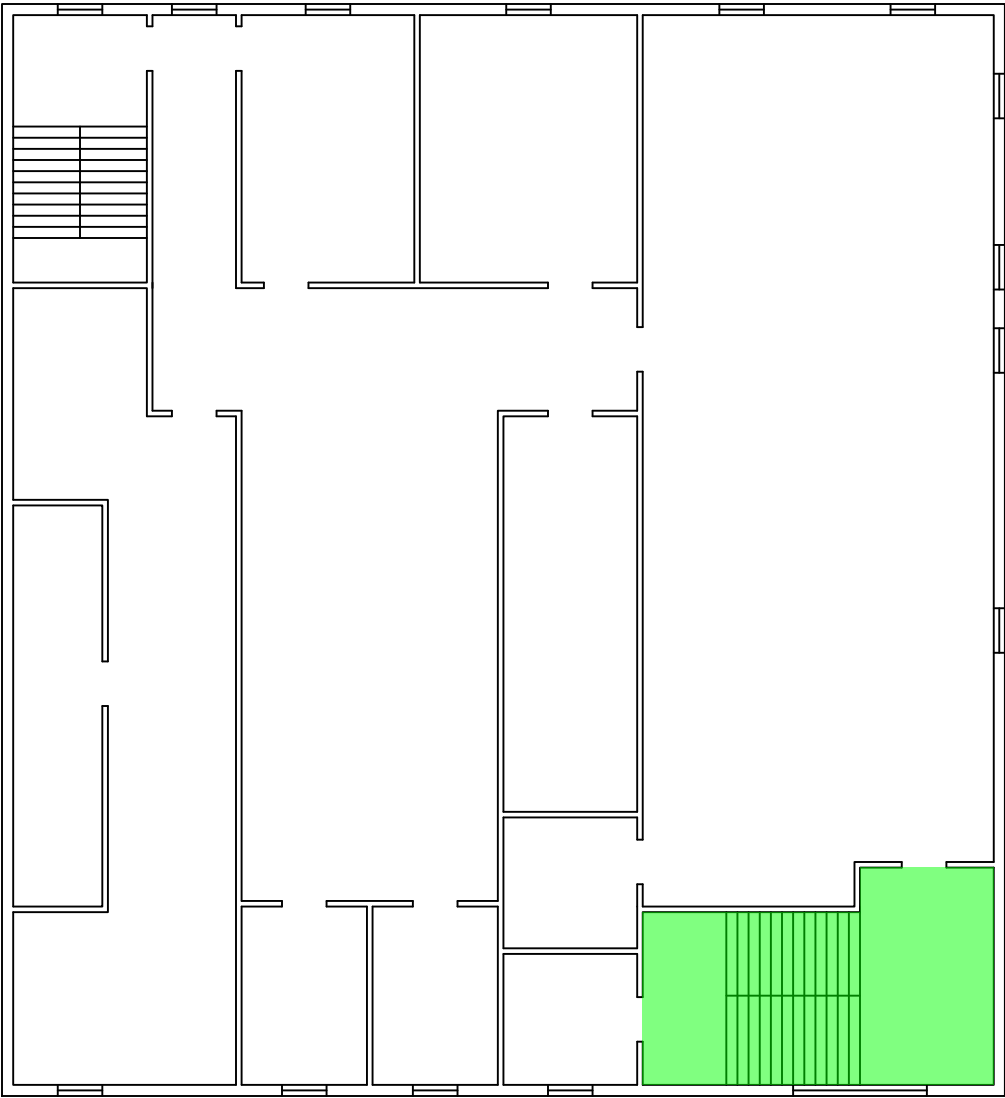
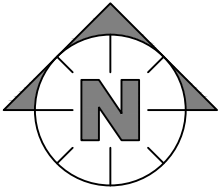
MFD

Expoxy Floor - Red

320 SF

No

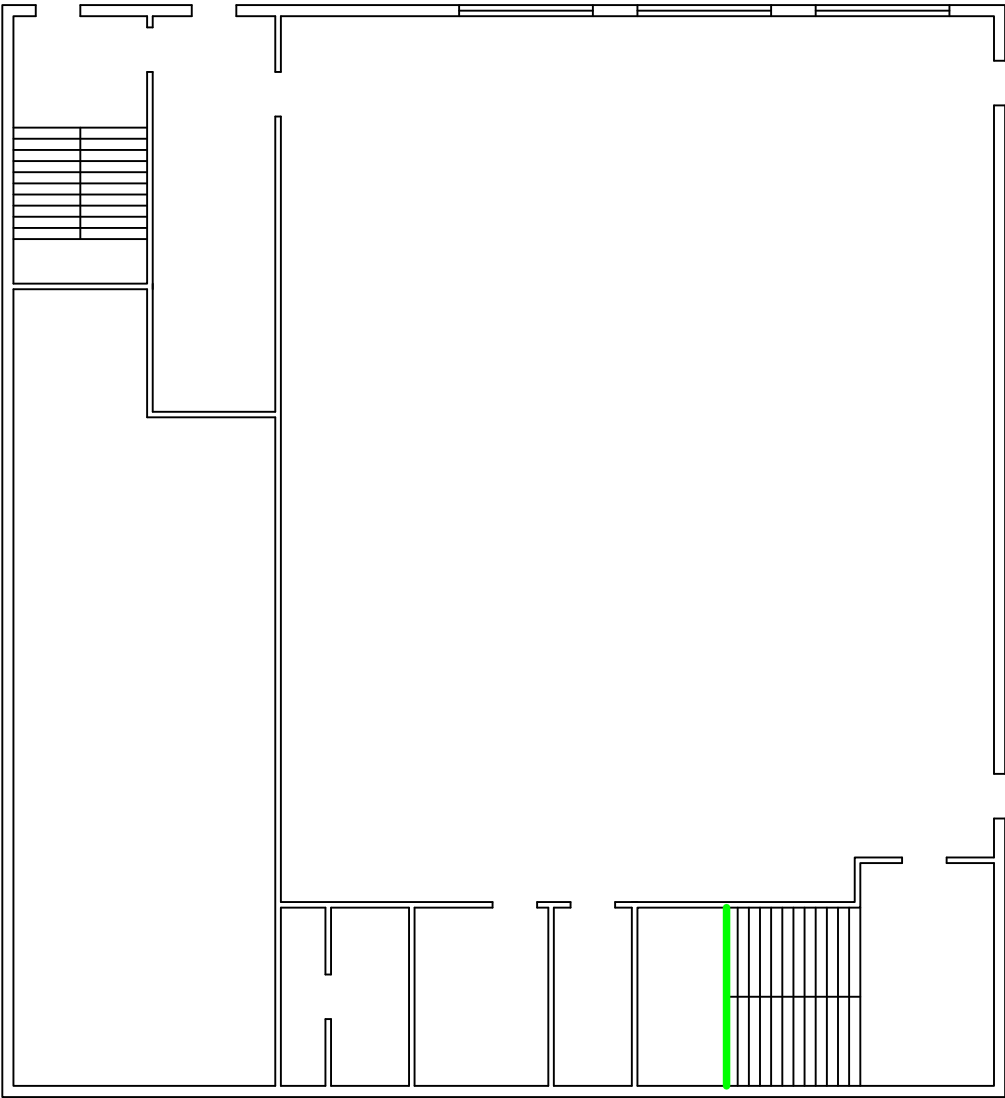
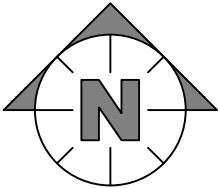
N/A



2ND FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

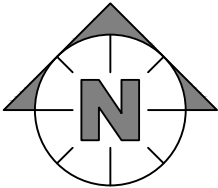
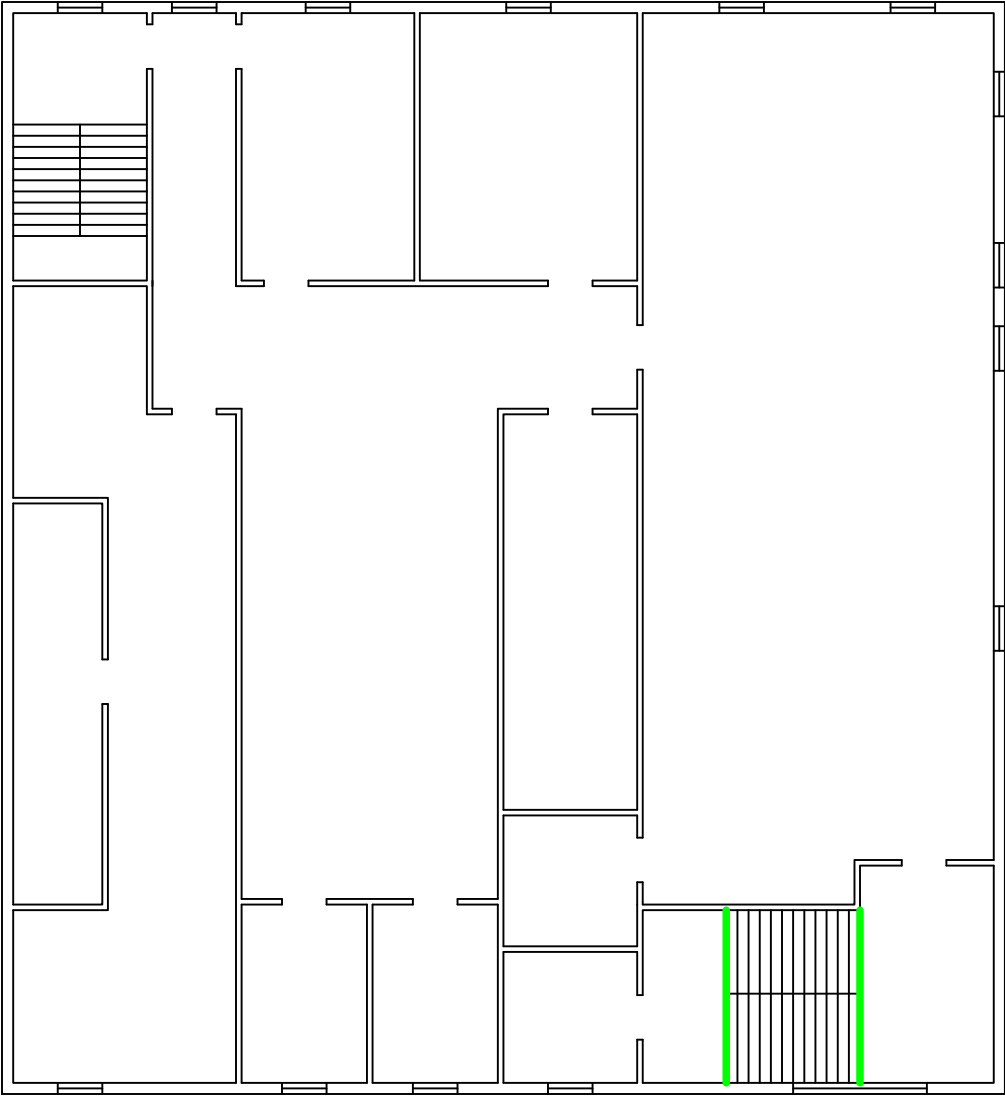
HOMOGENEOUS AREA: MMC
DESCRIPTION: Floor Fill
QUANTITY ESTIMATE: 30 SF
ACM Y/N: No
COMMENTS: N/A



1ST FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: MMC
DESCRIPTION: Floor Fill
QUANTITY ESTIMATE: 30 SF
ACM Y/N: No
COMMENTS: N/A



2ND FLOOR

Consultant:



Midwest
Environmental
Consulting Services, Inc.
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale:	NTS
Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

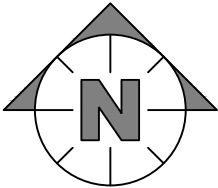
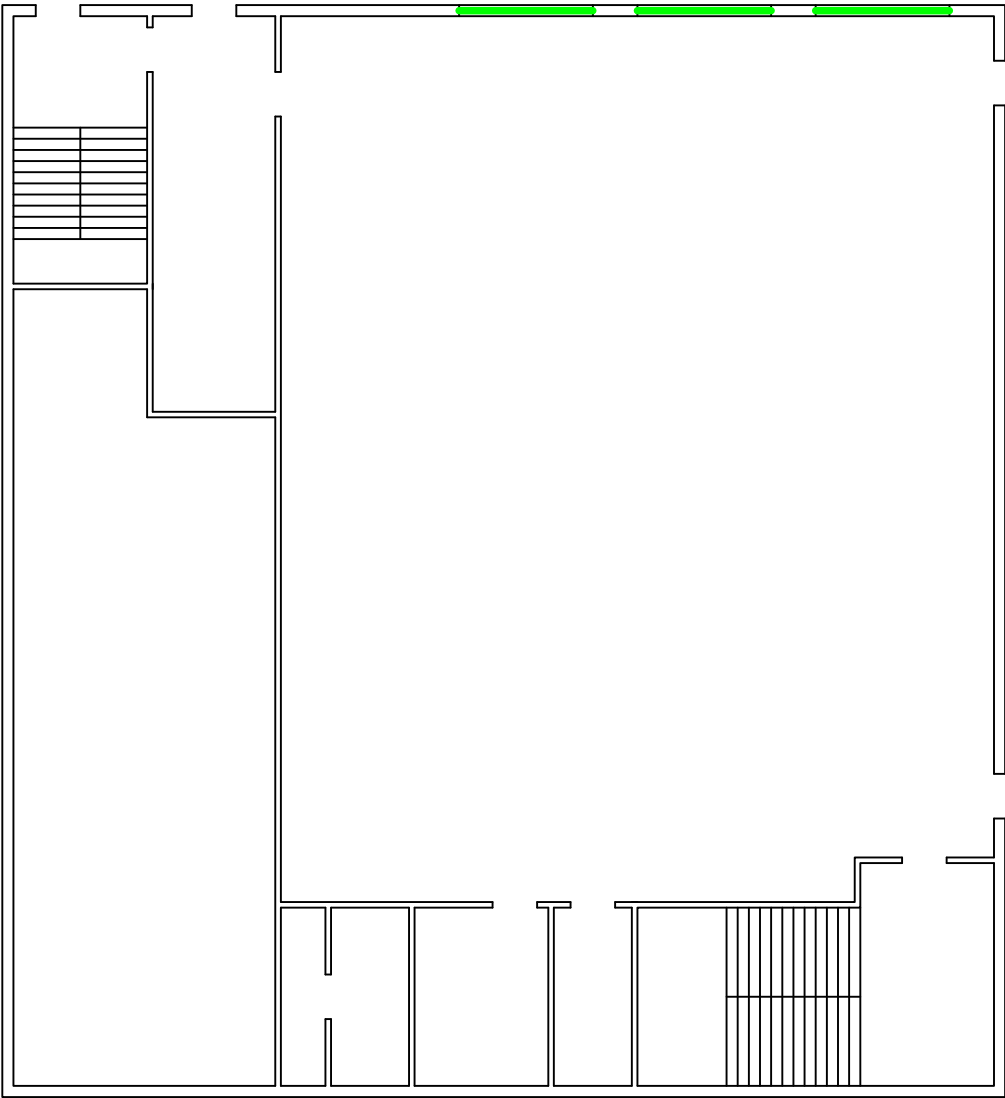
MMD

Window Glazing Compound - Wood Windows

24 Windows

No

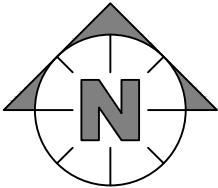
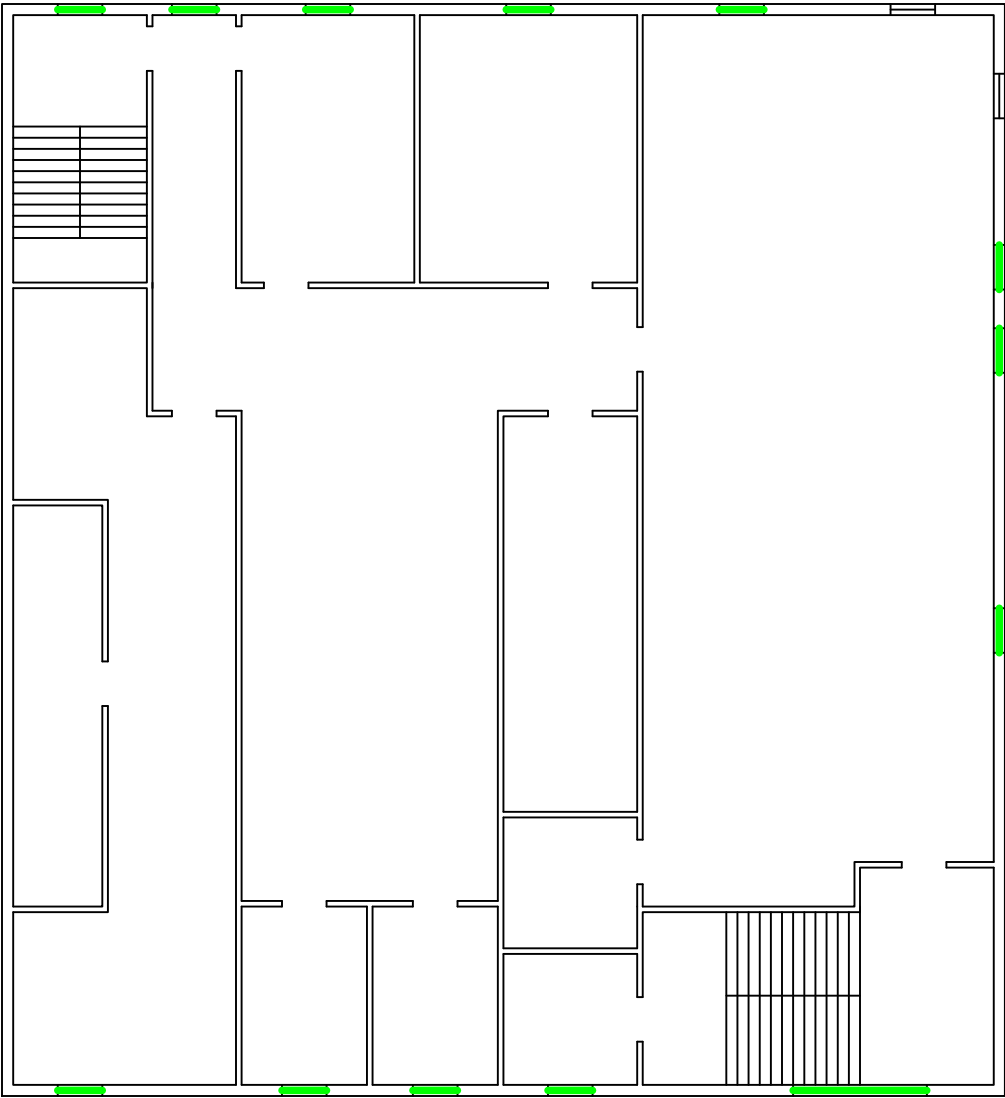
N/A



1ST FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: MMD
DESCRIPTION: Window Glazing Compound - Wood Windows
QUANTITY ESTIMATE: 24 Windows
ACM Y/N: No
COMMENTS: N/A



2ND FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

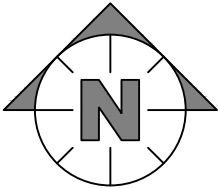
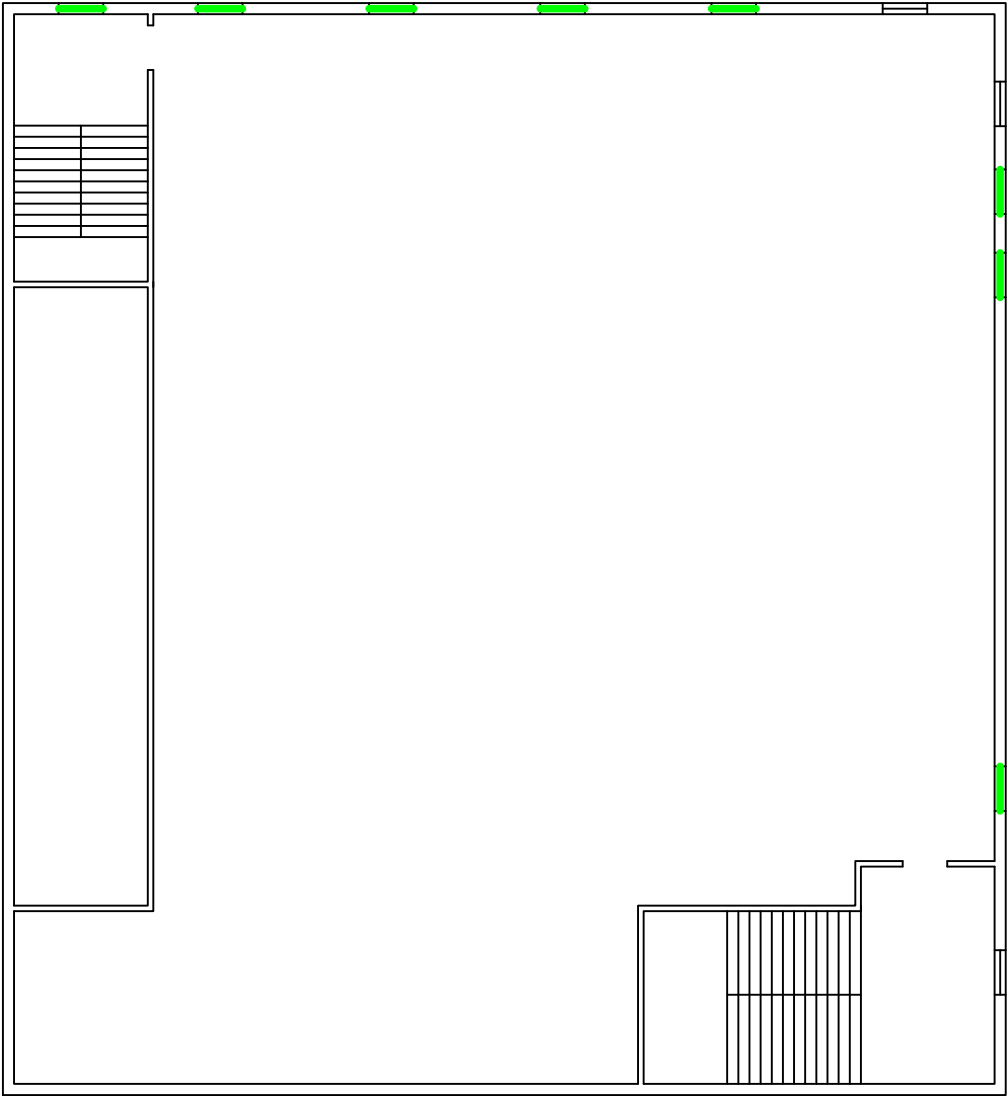
MMD

Window Glazing Compound - Wood Windows

24 Windows

No

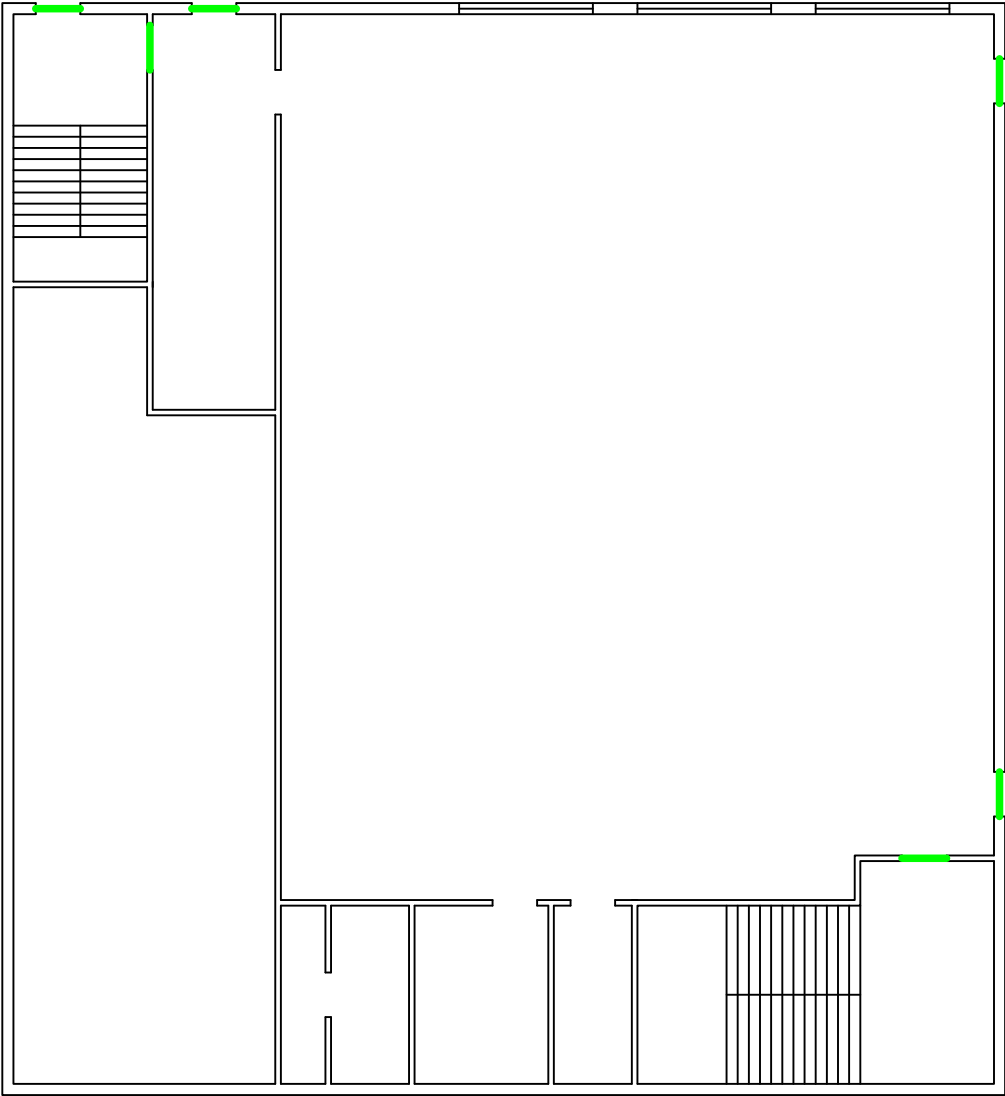
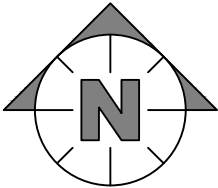
N/A



3RD FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: FD
DESCRIPTION: Fire Door Insulation
QUANTITY ESTIMATE: 8 Doors
ACM Y/N: No
COMMENTS: N/A



1ST FLOOR

Consultant:



**Midwest
Environmental
Consulting Services, Inc.**
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

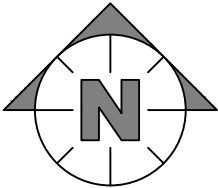
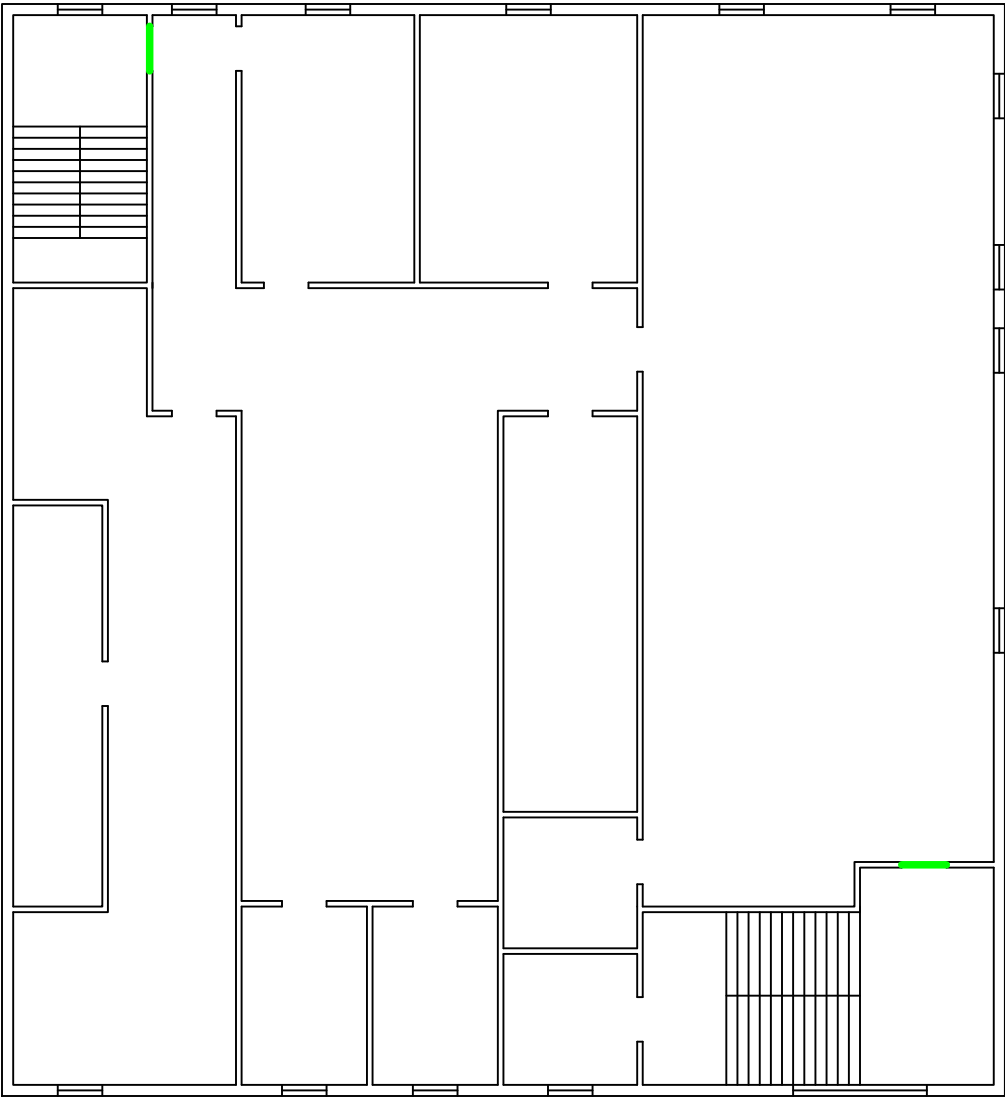
Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale: NTS	Drawn By: BGC

HOMOGENEOUS AREA: FD
DESCRIPTION: Fire Door Insulation
QUANTITY ESTIMATE: 8 Doors
ACM Y/N: No
COMMENTS: N/A



2ND FLOOR

Consultant:



**Midwest
Environmental
Consulting Services, Inc.**
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale:	NTS
Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

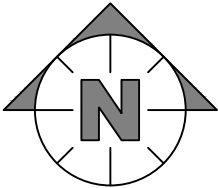
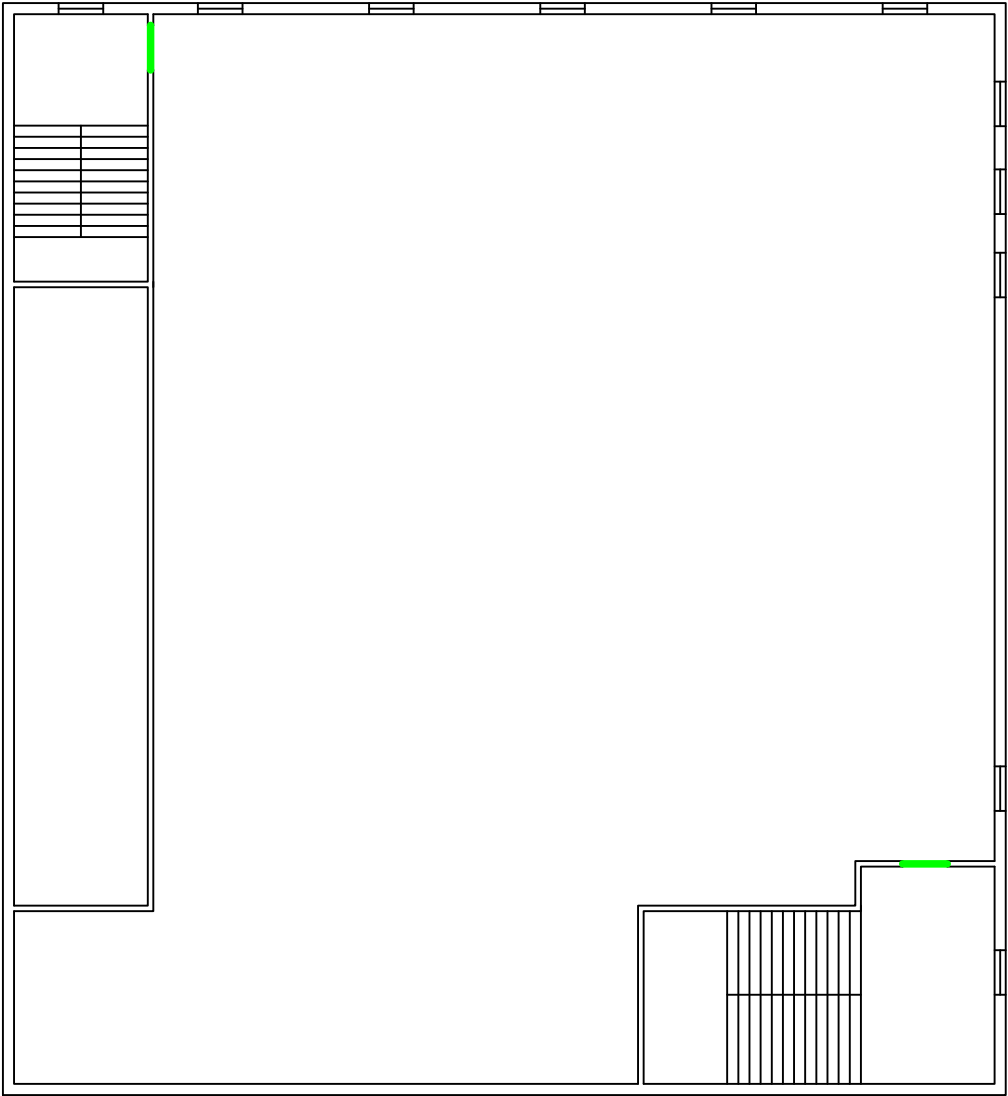
FD

Fire Door Insulation

8 Doors

No

N/A



3RD FLOOR

Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

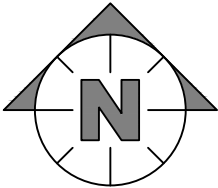
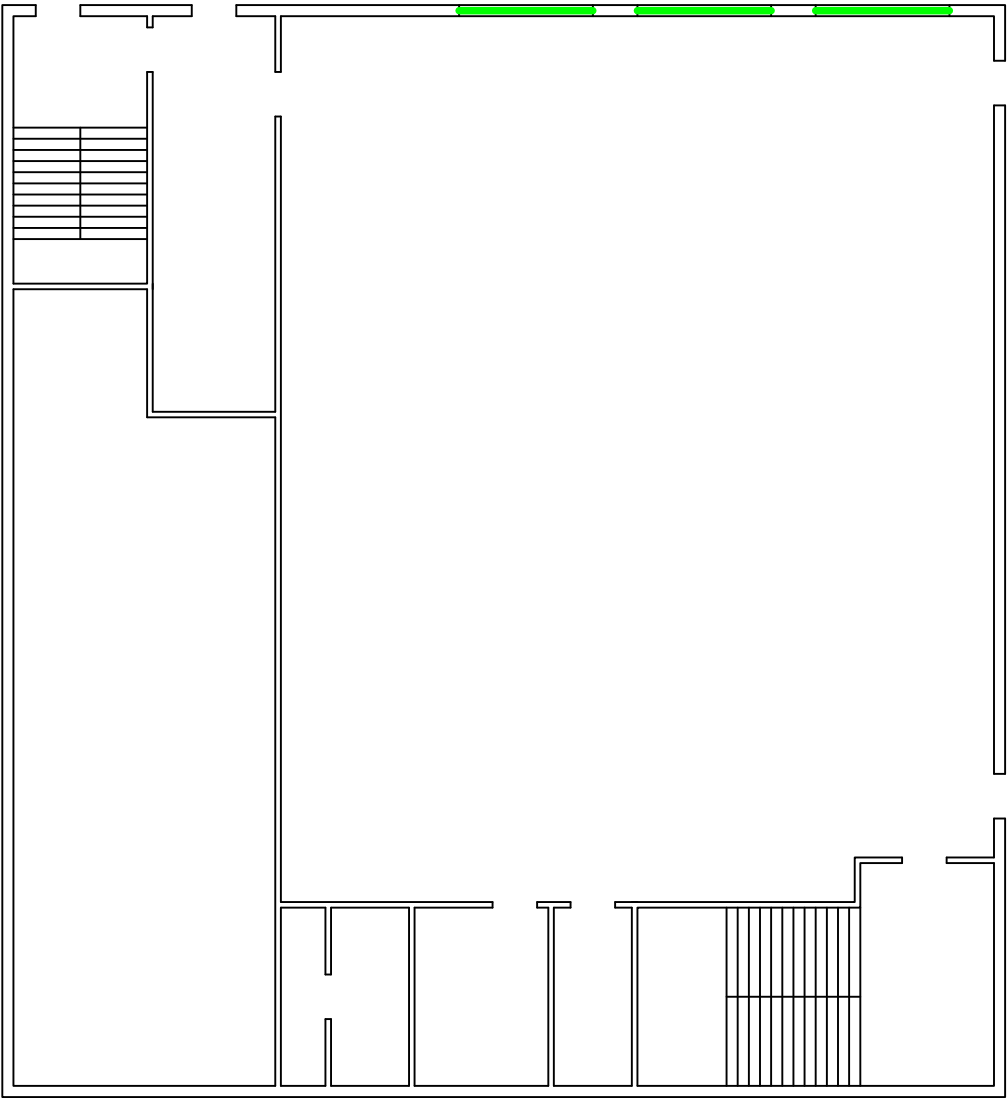
MME

Window Caulk - Wood Windows

24 Windows

No

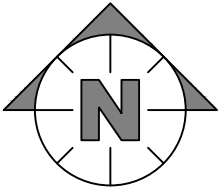
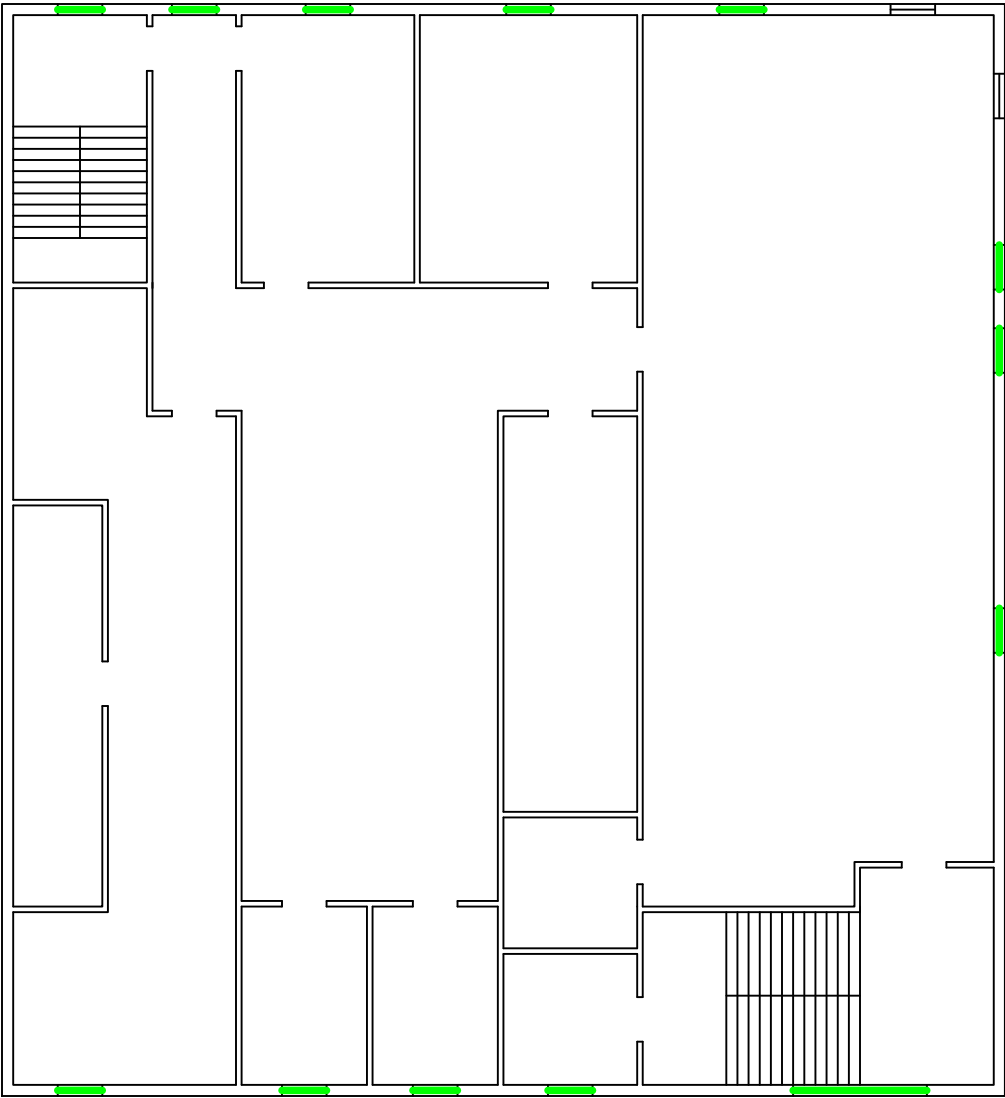
N/A



1ST FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

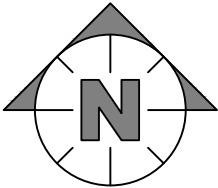
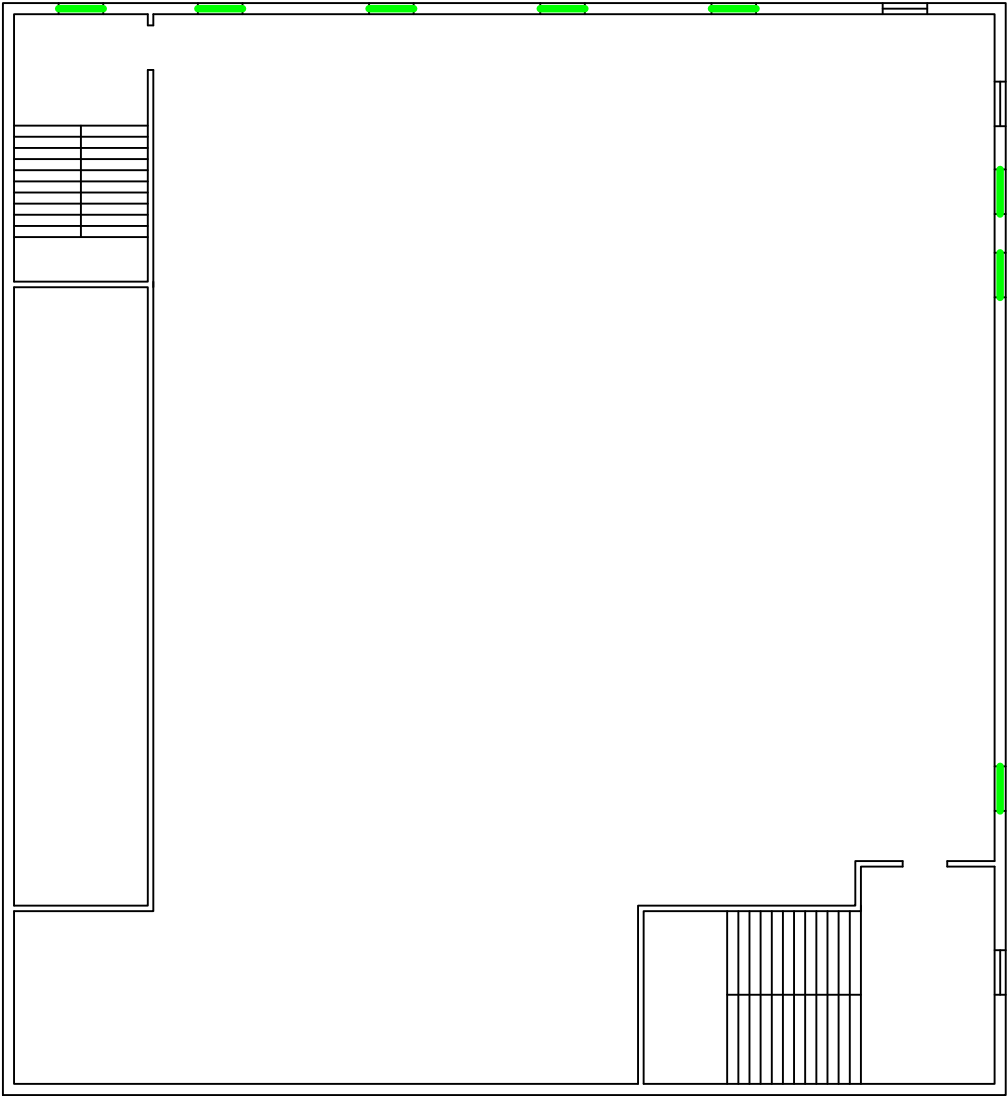
HOMOGENEOUS AREA: MME
DESCRIPTION: Window Caulk - Wood Windows
QUANTITY ESTIMATE: 24 Windows
ACM Y/N: No
COMMENTS: N/A



2ND FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: MME
DESCRIPTION: Window Caulk - Wood Windows
QUANTITY ESTIMATE: 24 Windows
ACM Y/N: No
COMMENTS: N/A



3RD FLOOR

Consultant:  Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

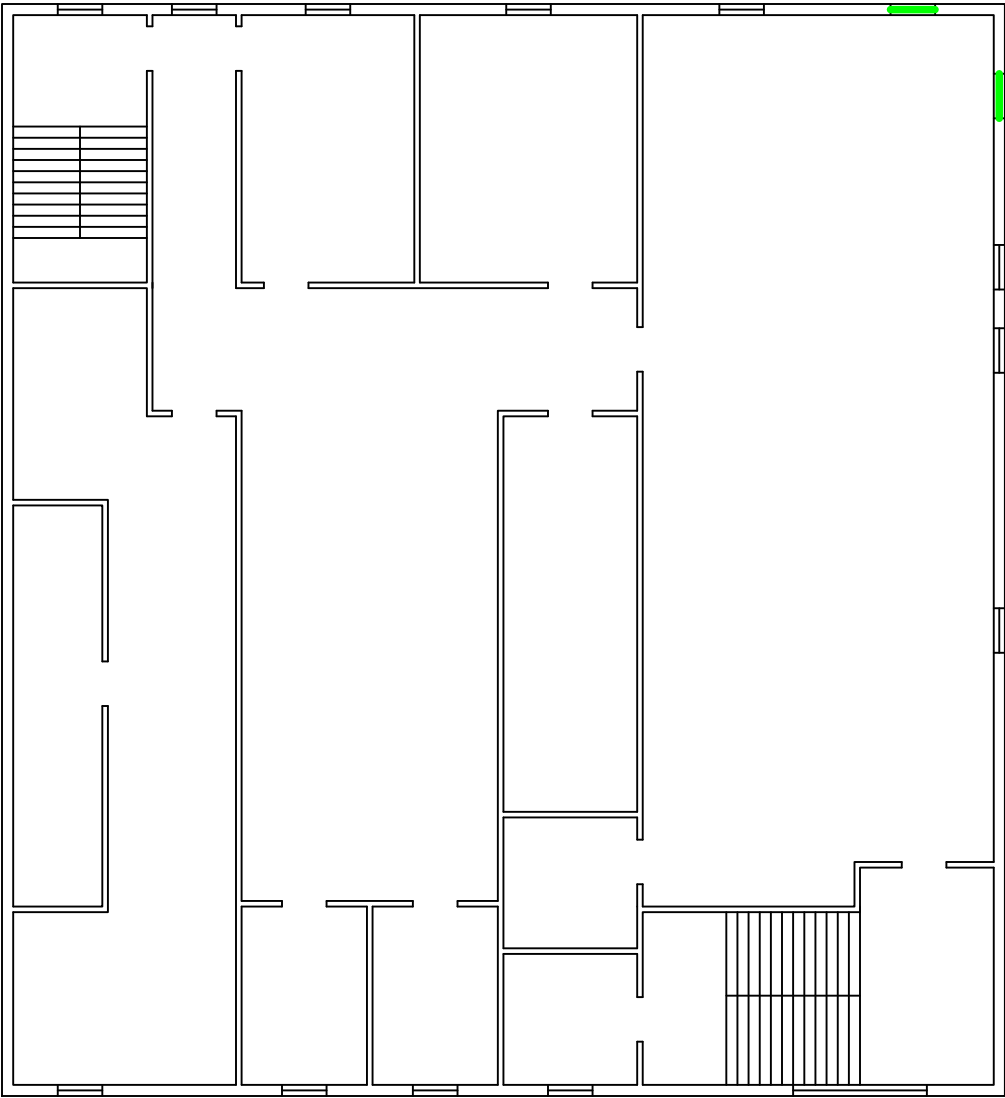
MMF

Glazing Compound - Glass Block

5 Each

No

N/A



2ND FLOOR

Consultant:



Midwest
Environmental
Consulting Services, Inc.
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale:	NTS
Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

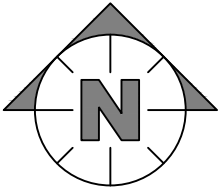
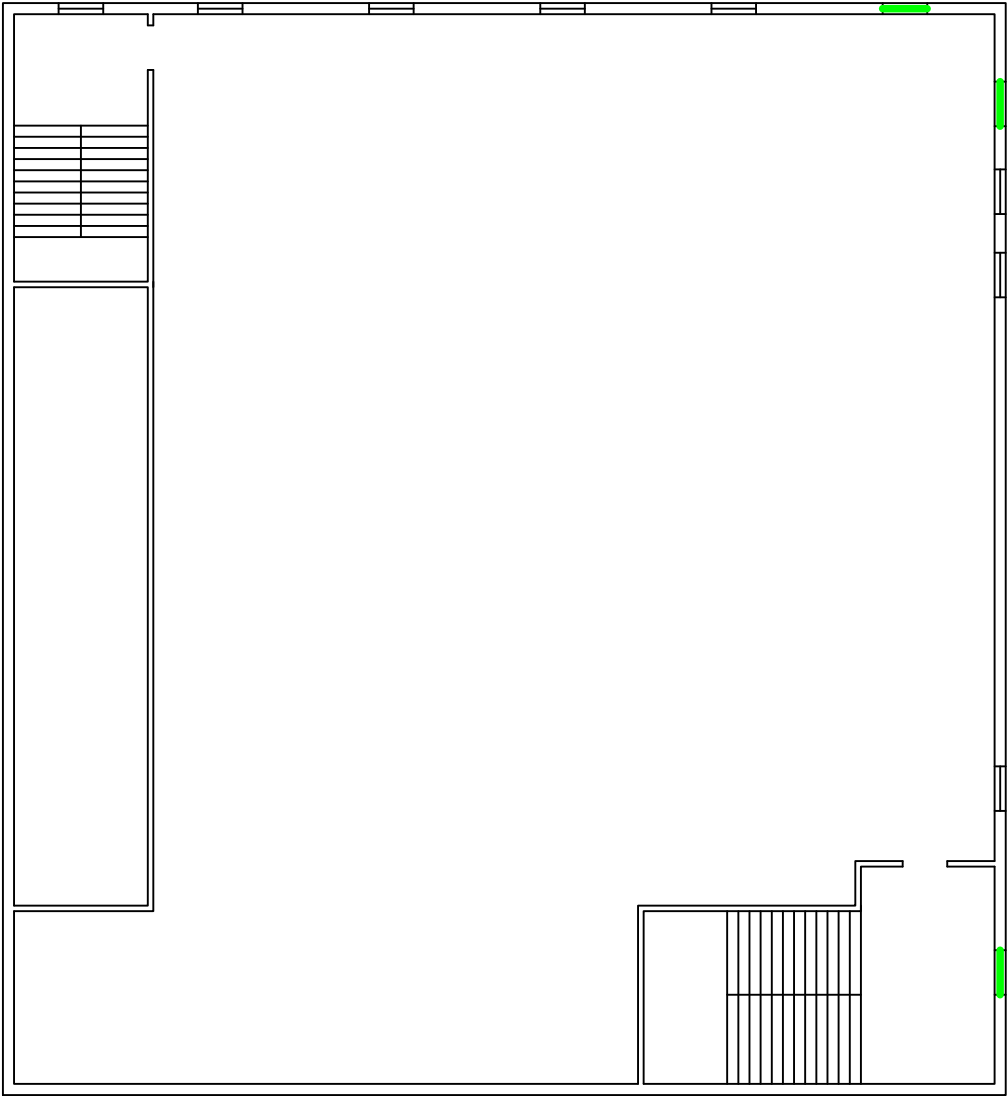
MMF

Glazing Compound - Glass Block

5 Each

No

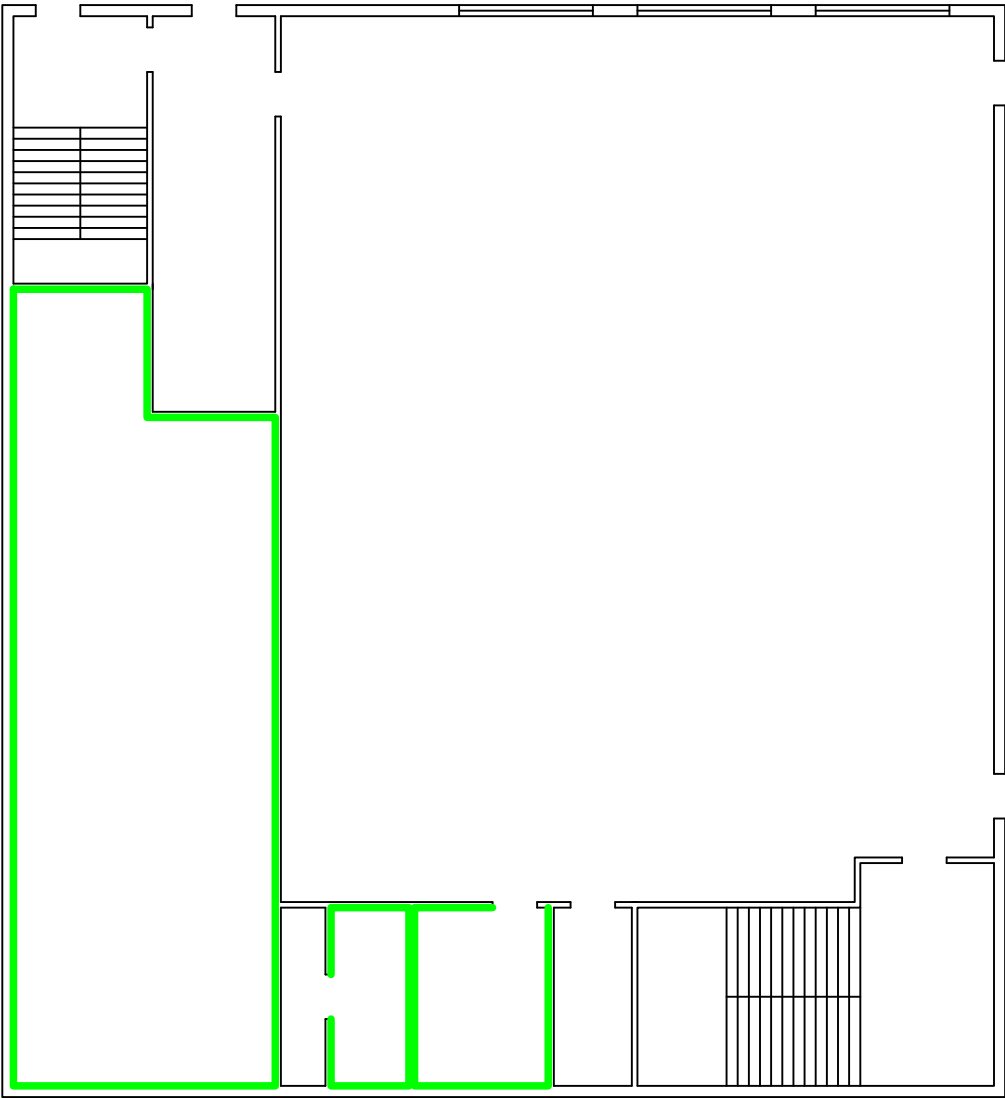
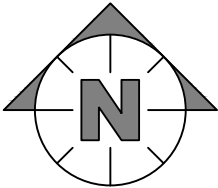
N/A



3RD FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: MMG
DESCRIPTION: Vinyl Baseboard Adhesive
QUANTITY ESTIMATE: 340 LF
ACM Y/N: No
COMMENTS: N/A



1ST FLOOR

Consultant:



**Midwest
Environmental
Consulting Services, Inc.**
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

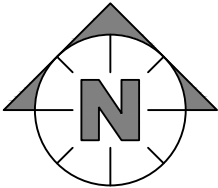
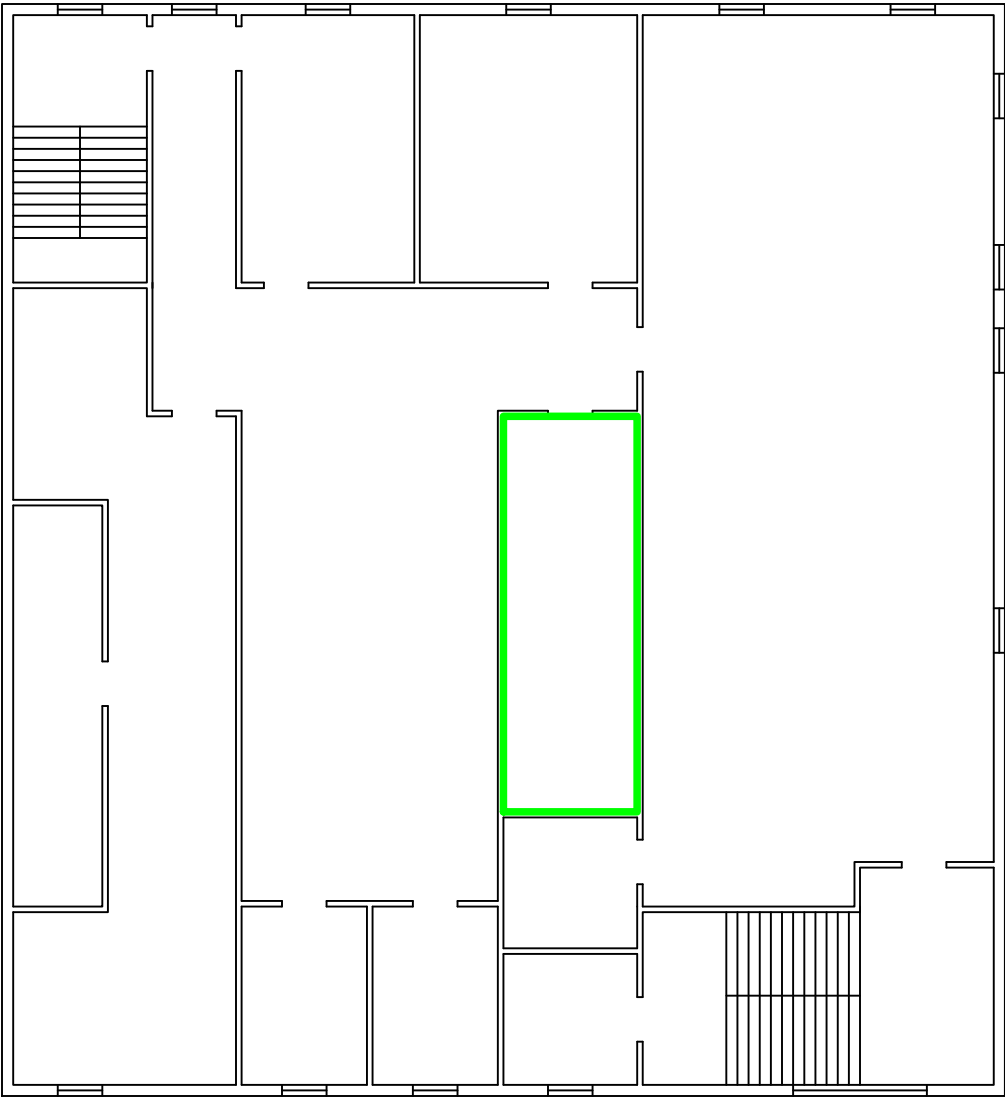
Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale:	NTS
Drawn By:	BGC

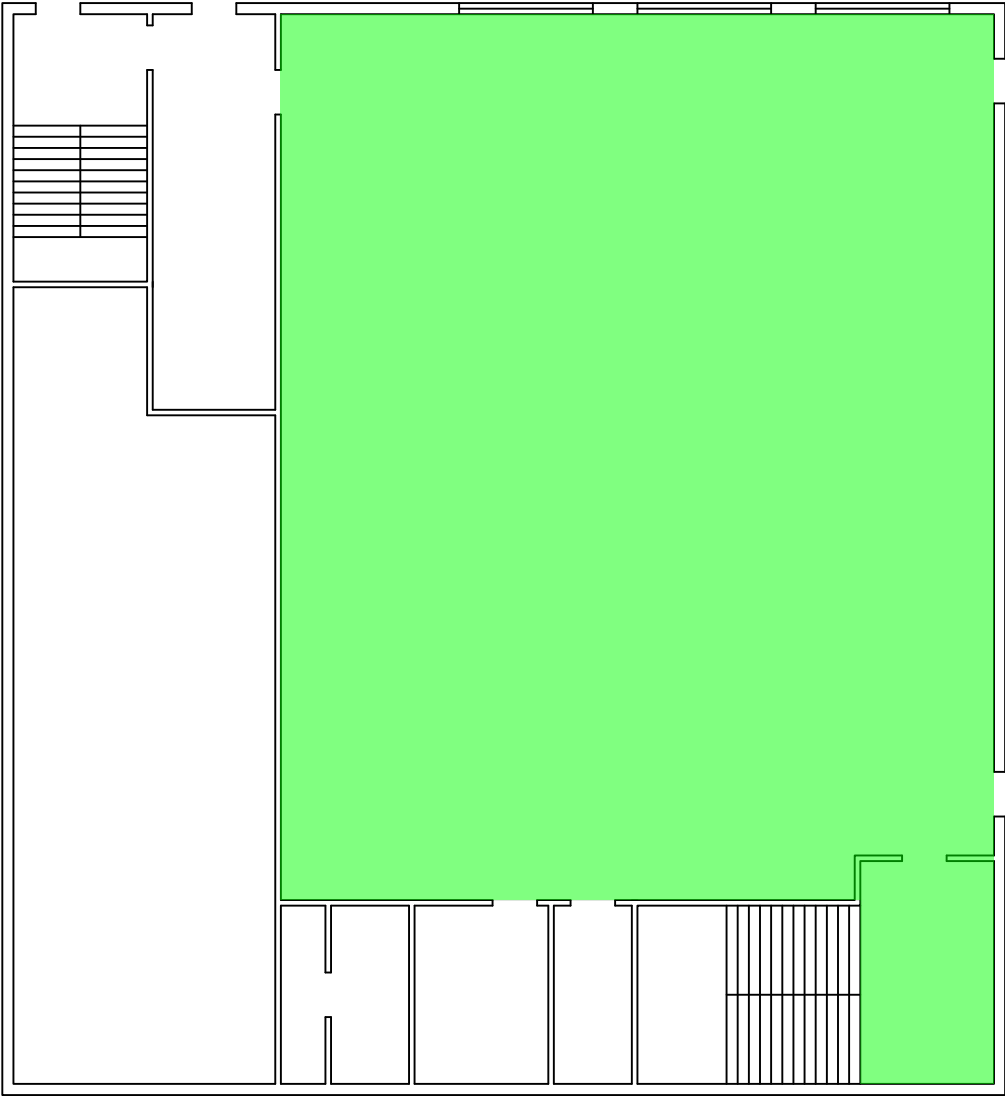
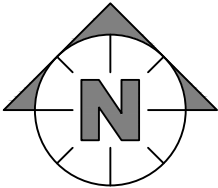
HOMOGENEOUS AREA: MMG
DESCRIPTION: Vinyl Baseboard Adhesive
QUANTITY ESTIMATE: 340 LF
ACM Y/N: No
COMMENTS: N/A



2ND FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: CTB
DESCRIPTION: Hexagonal Ceramic Tile
QUANTITY ESTIMATE: 2,050 SF
ACM Y/N: No
COMMENTS: N/A



1ST FLOOR

Consultant:



**Midwest
Environmental
Consulting Services, Inc.**
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

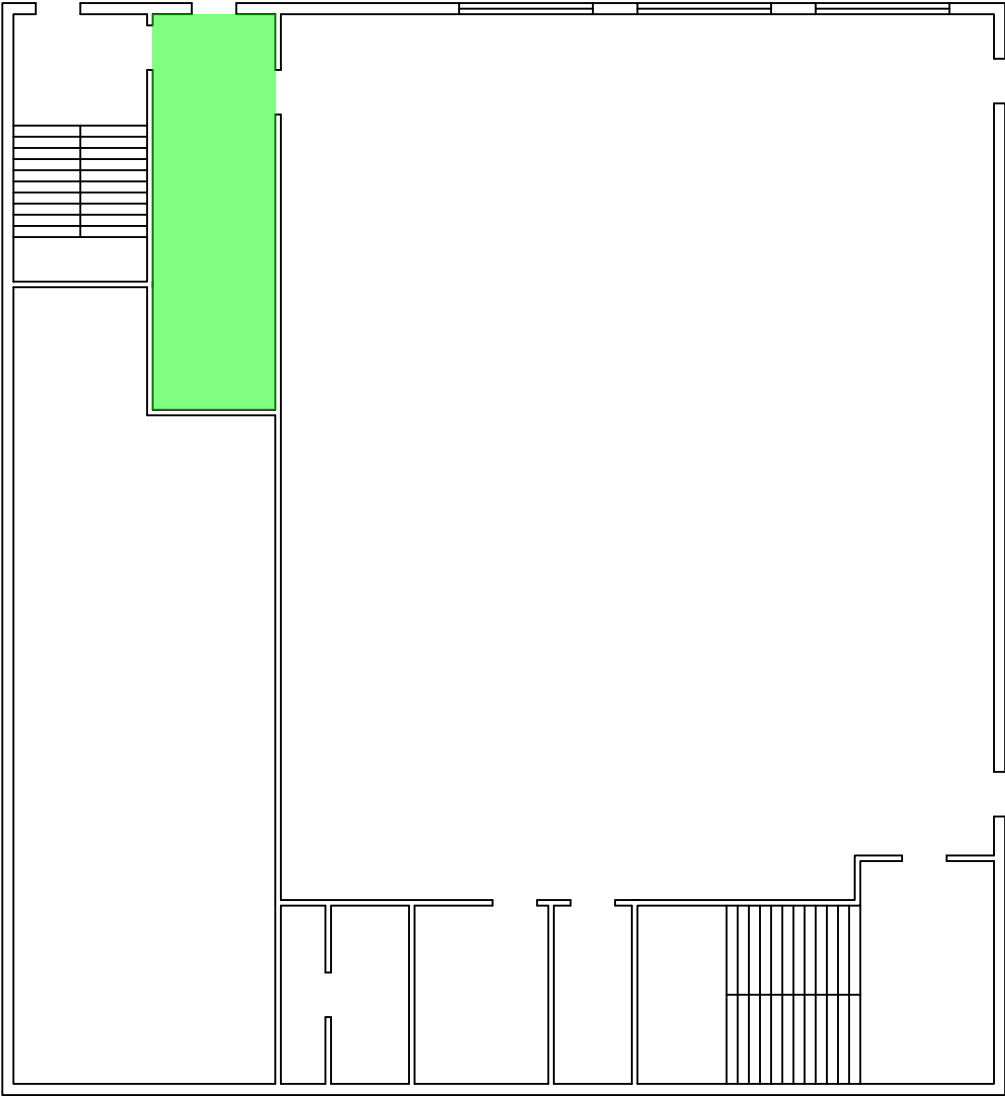
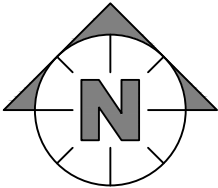
Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale:	NTS
Drawn By:	BGC

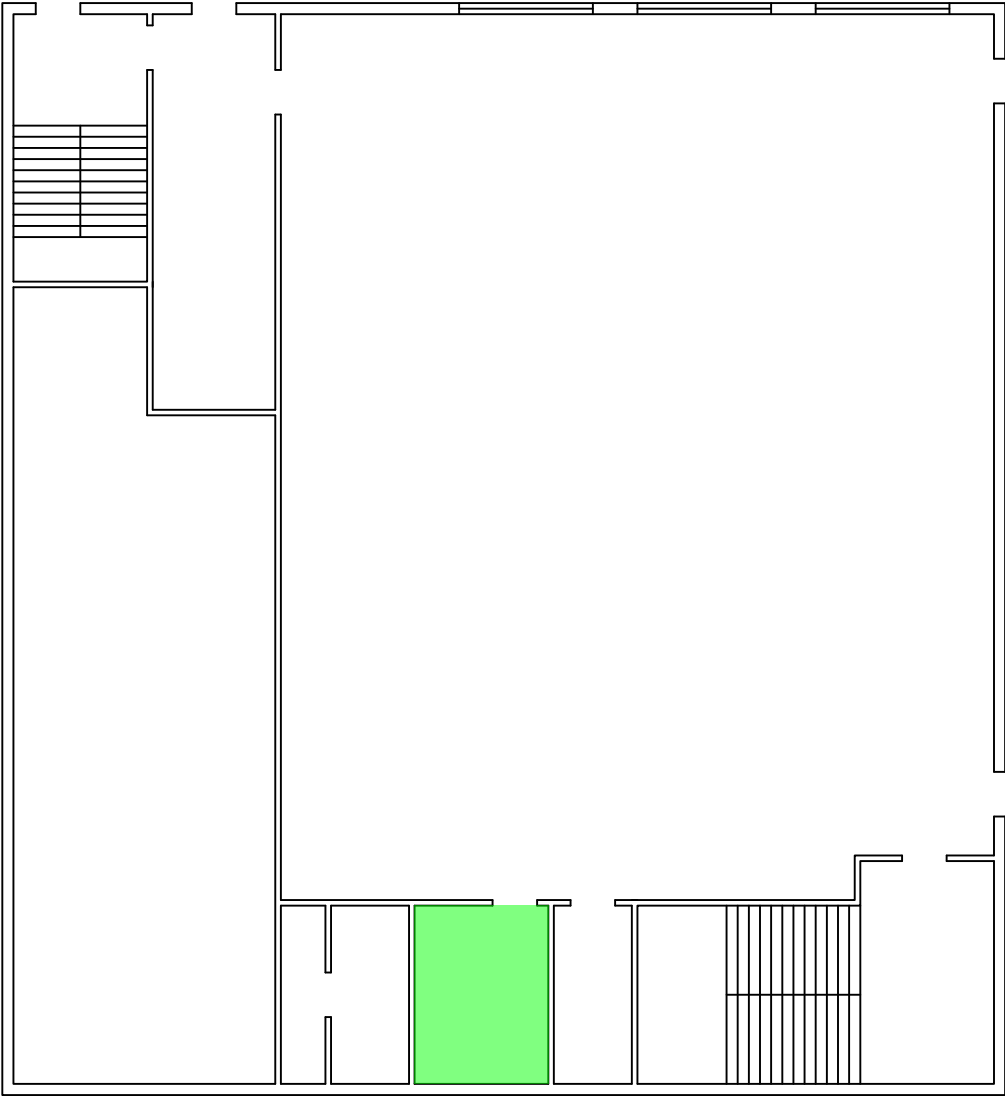
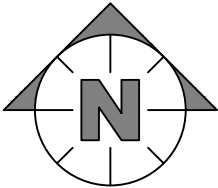
HOMOGENEOUS AREA: MCA
DESCRIPTION: 2'x2' Ceiling Tile
QUANTITY ESTIMATE: 300 SF
ACM Y/N: No
COMMENTS: N/A



1ST FLOOR

Consultant: 	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA: MFE
DESCRIPTION: 12"x12" Floor Tile/Mastic - Black
QUANTITY ESTIMATE: 140 SF
ACM Y/N: No
COMMENTS: N/A



1ST FLOOR

Consultant:



**Midwest
Environmental
Consulting Services, Inc.**
Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale: NTS	Drawn By: BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

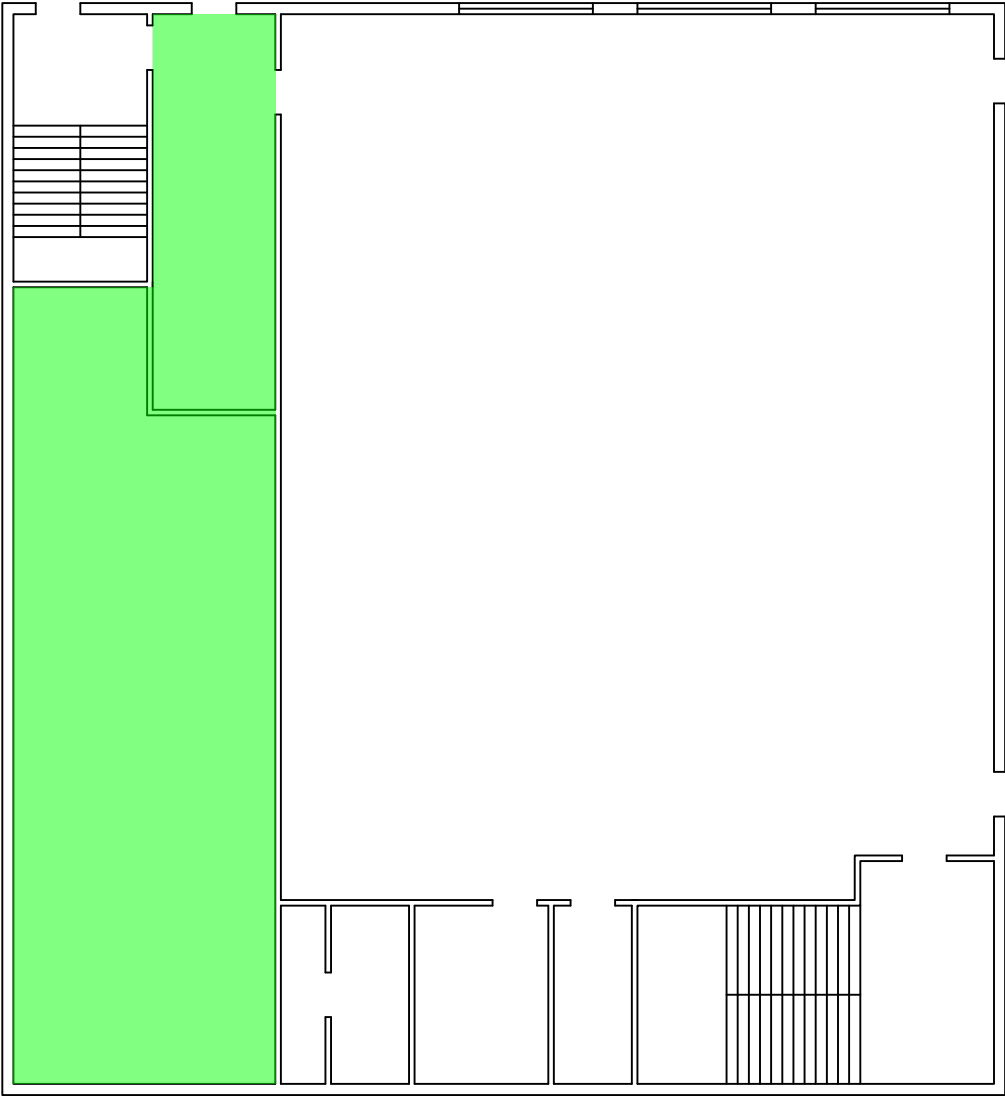
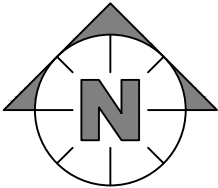
MFG

1st Floor - 12"x12" Floor Tile/Mastic - White

700 SF

No

N/A



1ST FLOOR

Consultant: Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	Client: City of Joliet 150 W. Jefferson Street Joliet, IL 60432	Project Location: Former Commercial building 1 E. Cass Street Joliet, IL 60432	REVISIONS			INSPECTION SURVEY	
			REV. NO.	DATE	REV. BY:	Project No.	24-06-490-INSP
						Drawing Date:	06/28/2024
						Inspector:	Michael Glenn
						Scale:	NTS
						Drawn By:	BGC

HOMOGENEOUS AREA:

DESCRIPTION:

QUANTITY ESTIMATE:

ACM Y/N:

COMMENTS:

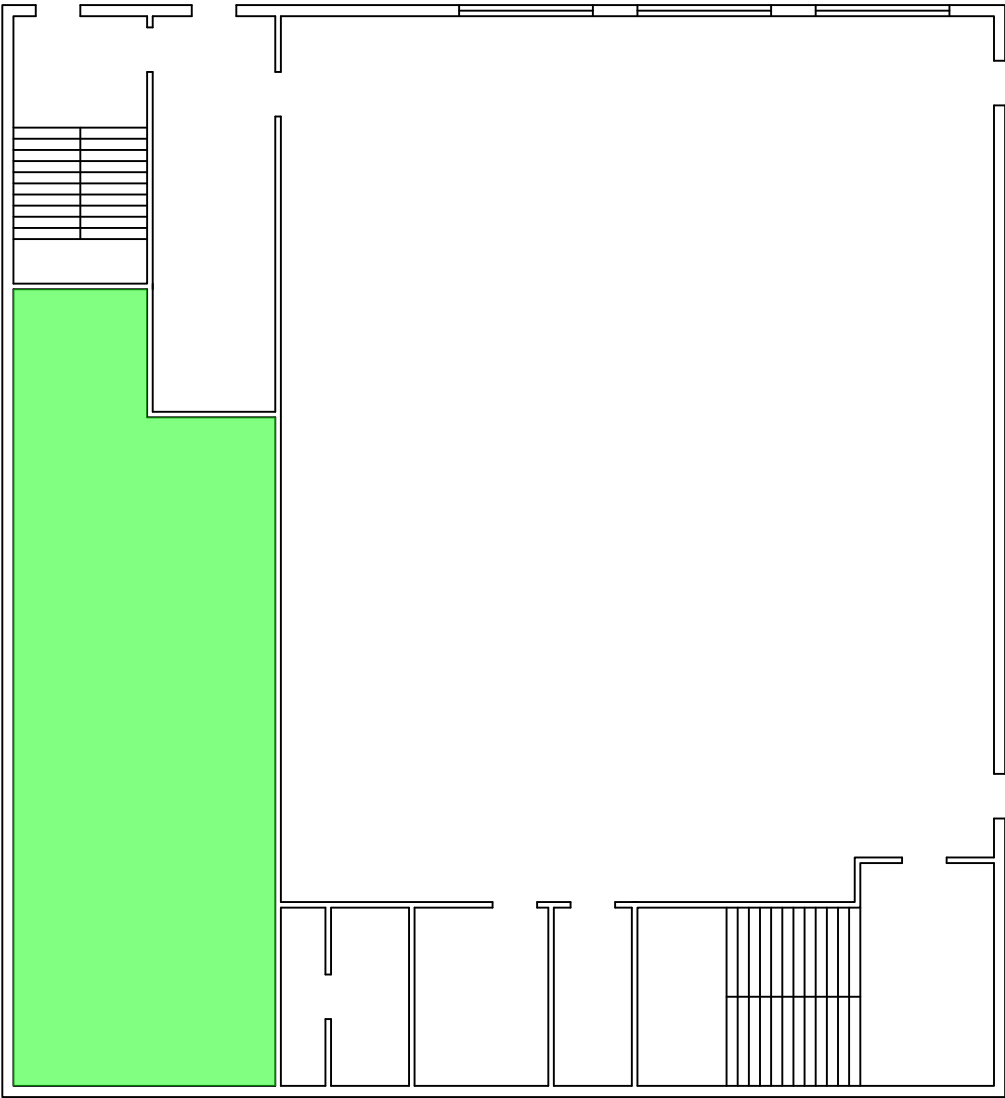
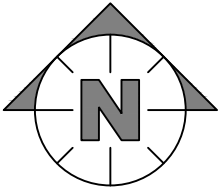
MCB

Drywall Ceiling Tile

700 SF

No

N/A



1ST FLOOR

Consultant:



Midwest

Environmental

Consulting Services, Inc.

Consultants Engineers Scientists

Client:

City of Joliet
150 W. Jefferson Street
Joliet, IL 60432

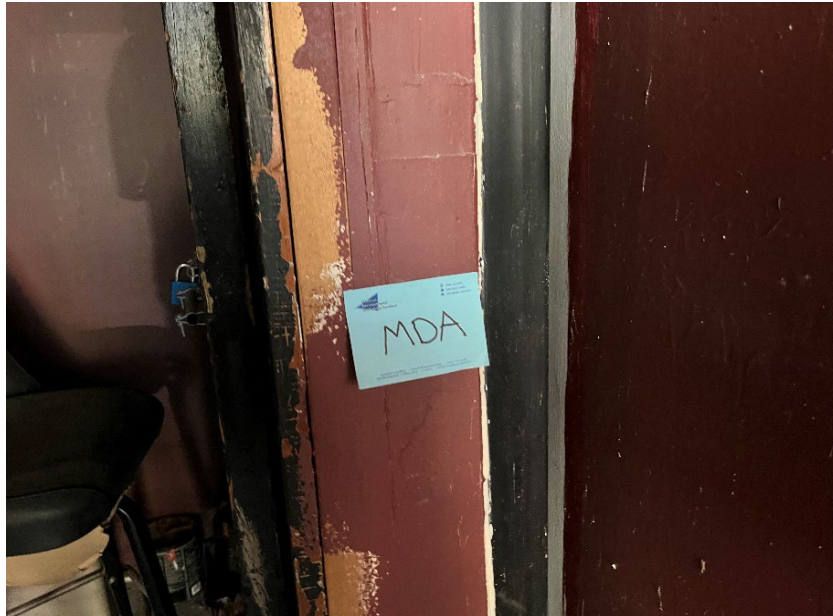
Project Location:

Former Commercial building
1 E. Cass Street
Joliet, IL 60432

REVISIONS		
REV. NO.	DATE	REV. BY:

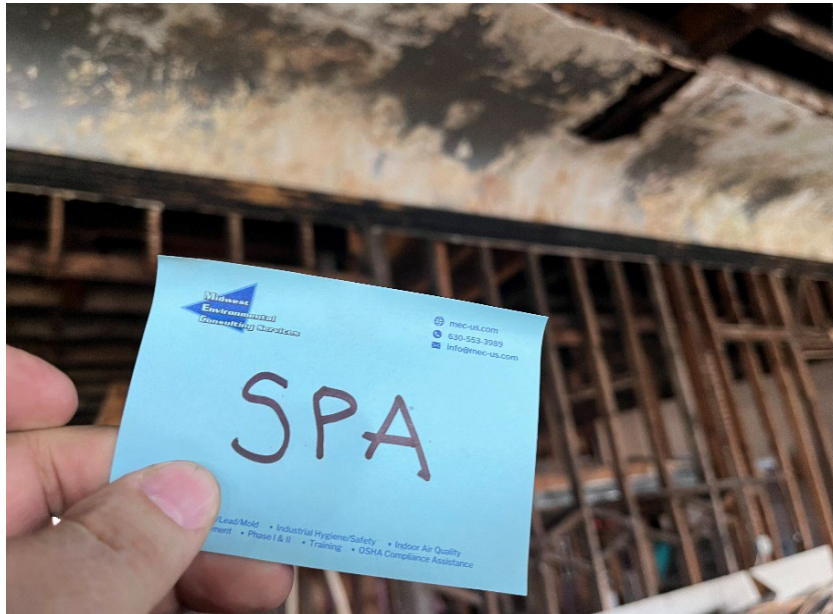
INSPECTION SURVEY	
Project No.	24-06-490-INSP
Drawing Date:	06/28/2024
Inspector:	Michael Glenn
Scale:	NTS
Drawn By:	BGC

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MDA
Material Description:	Drywall/Compound./Tape
Material Location:	Walls Throughout, 1st floor ceilings
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	SPA
Material Description:	Plaster
Material Location:	Ceilings and Perimeter Walls Throughout
ACM Y/N:	No

Comments: N/A

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MFA
Material Description:	Black & White 12"x12" Floor Tile/Mastic
Material Location:	2nd floor - North center hallway, SW Stair Landings, 2nd floor office
ACM Y/N:	No

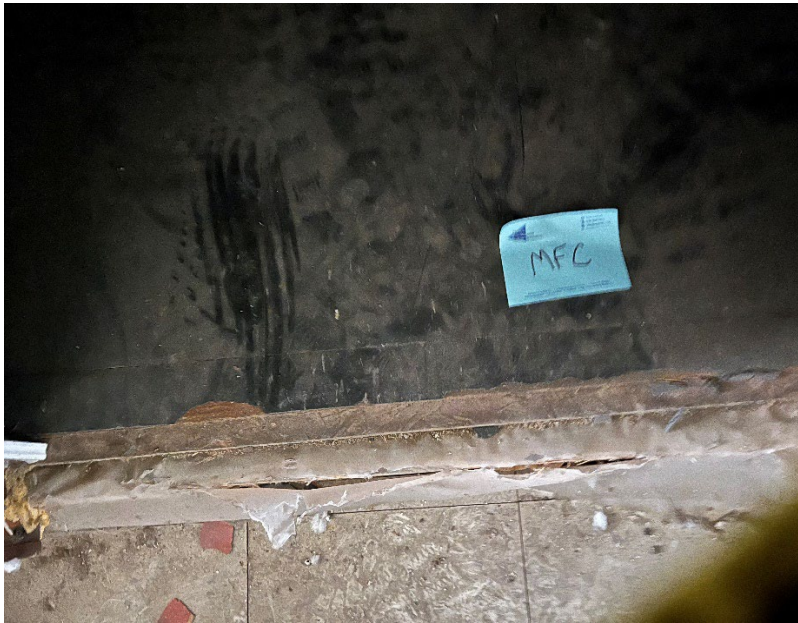
Comments: N/A



Homogeneous Area:	MFB
Material Description:	White 12"x12" Floor Tile/Mastic
Material Location:	2nd floor kitchen
ACM Y/N:	No

Comments: N/A

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MFC
Material Description:	Blue 12"x12" Floor Tile/Mastic
Material Location:	2nd floor - walk-in cooler
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MMA
Material Description:	Residual Mastic
Material Location:	2nd floor - Large Office Space
ACM Y/N:	No

Comments: N/A

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MMB
Material Description:	Fireplace Brick
Material Location:	2nd floor - west wall fireplace
ACM Y/N:	No

Comments: N/A



No image

Homogeneous Area:	CTA
Material Description:	Ceramic Tile at Fireplace
Material Location:	Flooring at 2nd floor fireplace - west wall
ACM Y/N:	No

Comments: N/A

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MFD
Material Description:	Expoxy Floor - Red
Material Location:	Northwest Stairs
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MMC
Material Description:	Floor Fill
Material Location:	Northwest Stairs at landing/stair interfaces
ACM Y/N:	No

Comments: N/A

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MMD
Material Description:	Window Glazing Compound - Wood Windows
Material Location:	Exterior Wood Windows
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	FD
Material Description:	Fire Door Insulation
Material Location:	Metal Fire Doors - Throughout
ACM Y/N:	No

Comments: N/A

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MME
Material Description:	Window Caulk - Wood Windows
Material Location:	Exterior Wood Windows
ACM Y/N:	No

Comments: N/A

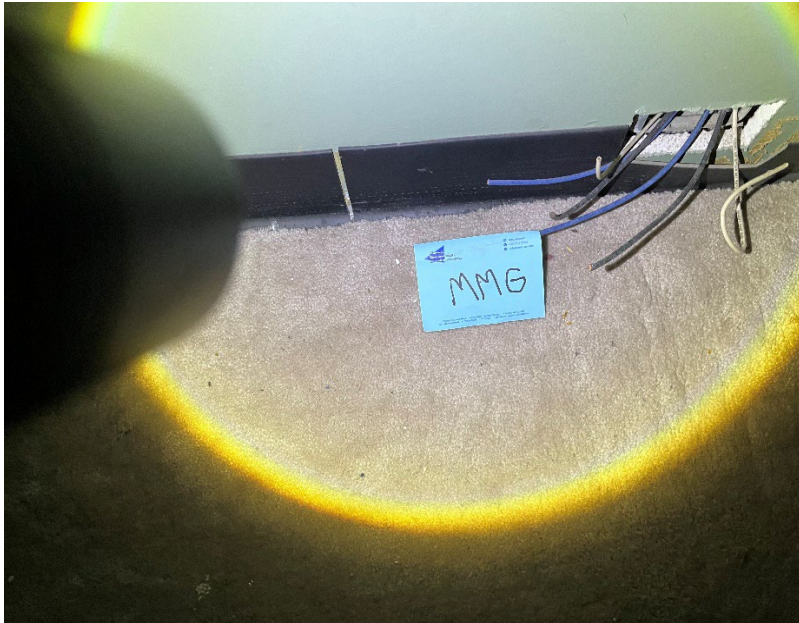


No image

Homogeneous Area:	MMF
Material Description:	Glazing Compound - Glass Block
Material Location:	Glassblock exterior windows
ACM Y/N:	No

Comments: N/A

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MMG
Material Description:	Vinyl Baseboard Adhesive
Material Location:	2nd floor large office area, bathrooms, kitchen
ACM Y/N:	No

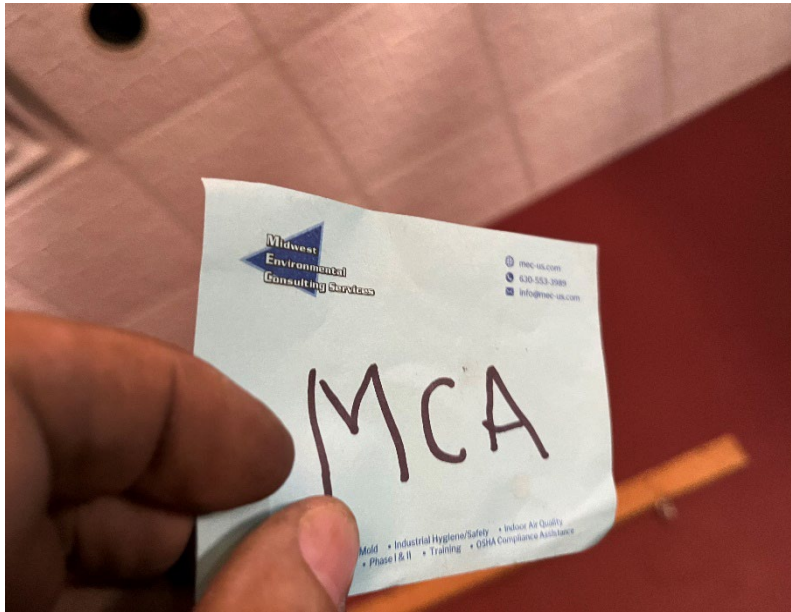
Comments: N/A



Homogeneous Area:	CTB
Material Description:	Hexagonal Ceramic Tile
Material Location:	1st floor - former tavern and northwest stair
ACM Y/N:	No

Comments: N/A

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MCA
Material Description:	2'x2' Ceiling Tile
Material Location:	1st floor
ACM Y/N:	No

Comments: N/A



Homogeneous Area:	MFE
Material Description:	Black 12"x12" Floor Tile/Mastic
Material Location:	1st floor - Men's Restroom
ACM Y/N:	No

Comments: N/A

CITY OF JOLIET
FORMER COMMERCIAL BUILDING
1 E. Cass Street
Joliet, Illinois 60432



Homogeneous Area:	MFG
Material Description:	White 12"x12" Floor Tile/Mastic - 1st floor
Material Location:	1st floor - Kitchen
ACM Y/N:	No

Comments: N/A



No image

Homogeneous Area:	MCB
Material Description:	Drywall Ceiling Tile
Material Location:	1st floor - Kitchen
ACM Y/N:	No

Comments: N/A



EMSL Analytical, Inc

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

<http://www.EMSL.com> / chicagolab@emsl.com



EMSL Order: 262406113

Customer ID: MECO77

Customer PO:

Project ID:

Attention: EDEN DENNIS

Midwest Environmental Consulting Svs.

2551 North Bridge Street

Yorkville, IL 60560

Phone: (630) 553-3989

Fax: (630) 553-3990

Received Date: 06/26/2024 5:10 PM

Analysis Date: 07/02/2024

Collected Date:

Project: PLEASANT DALE/24-06-513-INSP

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MBA-1-Baseboard 262406113-0001	4" VINYL BASEBOARD /GLUE -GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MBA-1-Mastic 262406113-0001A	4" VINYL BASEBOARD /GLUE -GRAY	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MBA-2-Baseboard 262406113-0002	4" VINYL BASEBOARD /GLUE -GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MBA-2-Mastic 262406113-0002A	4" VINYL BASEBOARD /GLUE -GRAY	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MBA-3-Baseboard 262406113-0003	4" VINYL BASEBOARD /GLUE -GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MBA-3-Mastic 262406113-0003A	4" VINYL BASEBOARD /GLUE -GRAY	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MCA-1 262406113-0004	2X2 CEILING TILE-TEXTURED W/PINHOLES	Brown/White Fibrous Homogeneous	96% Cellulose	4% Non-fibrous (Other)	None Detected
MCA-2 262406113-0005	2X2 CEILING TILE-TEXTURED W/PINHOLES	Brown/White Fibrous Homogeneous	96% Cellulose	4% Non-fibrous (Other)	None Detected
MCA-3 262406113-0006	2X2 CEILING TILE-TEXTURED W/PINHOLES	Brown/White Fibrous Homogeneous	96% Cellulose	4% Non-fibrous (Other)	None Detected
MDA-1-Drywall 262406113-0007	DRYWALL/TAPE/CO MPOUND	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MDA-1-Tape 262406113-0007A	DRYWALL/TAPE/CO MPOUND	White Fibrous Homogeneous	25% Synthetic 70% Glass	5% Non-fibrous (Other)	None Detected
MDA-1-Joint Compound 262406113-0007B	DRYWALL/TAPE/CO MPOUND	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MDA-2-Drywall 262406113-0008	DRYWALL/TAPE/CO MPOUND	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
MDA-2-Tape 262406113-0008A	DRYWALL/TAPE/CO MPOUND	White Fibrous Homogeneous	25% Synthetic 70% Glass	5% Non-fibrous (Other)	None Detected
MDA-2-Joint Compound 262406113-0008B	DRYWALL/TAPE/CO MPOUND	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MDA-3-Drywall 262406113-0009	DRYWALL/TAPE/CO MPOUND	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected

Initial report from: 07/02/2024 17:22:34



EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

<http://www.EMSL.com> / chicagolab@emsl.com

EMSL Order: 262406113

Customer ID: MECO77

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MDA-3-Tape 262406113-0009A	DRYWALL/TAPE/CO MPOUND	White Fibrous Homogeneous	25% Synthetic 70% Glass	5% Non-fibrous (Other)	None Detected
MDA-3-Joint Compound 262406113-0009B	DRYWALL/TAPE/CO MPOUND	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFA-1-Vinyl Sheet Flooring 262406113-0010	VINYL SHEET FLOOR/GLUE-LIGHT WOOD PATTERN	Gray/White Non-Fibrous Homogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
MFA-1-Mastic 262406113-0010A	VINYL SHEET FLOOR/GLUE-LIGHT WOOD PATTERN	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFA-2-Vinyl Sheet Flooring 262406113-0011	VINYL SHEET FLOOR/GLUE-LIGHT WOOD PATTERN	Gray/White Non-Fibrous Homogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
MFA-2-Mastic 262406113-0011A	VINYL SHEET FLOOR/GLUE-LIGHT WOOD PATTERN	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFA-3-Vinyl Sheet Flooring 262406113-0012	VINYL SHEET FLOOR/GLUE-LIGHT WOOD PATTERN	Gray/White Non-Fibrous Homogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
MFA-3-Mastic 262406113-0012A	VINYL SHEET FLOOR/GLUE-LIGHT WOOD PATTERN	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFB-1-Ceramic Tile 262406113-0013	1X1 CERAMIC TILE/GROUT-BEIGE	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFB-1-Grout 262406113-0013A	1X1 CERAMIC TILE/GROUT-BEIGE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFB-2-Ceramic Tile 262406113-0014	1X1 CERAMIC TILE/GROUT-BEIGE	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFB-2-Grout 262406113-0014A	1X1 CERAMIC TILE/GROUT-BEIGE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFB-3-Ceramic Tile 262406113-0015	1X1 CERAMIC TILE/GROUT-BEIGE	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFB-3-Grout 262406113-0015A	1X1 CERAMIC TILE/GROUT-BEIGE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFC-1-Floor Tile 262406113-0016	12X12 PEEL & STICK TILE-CREAM GEOMETRIC MOTTLED	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFC-1-Adhesive 262406113-0016A	12X12 PEEL & STICK TILE-CREAM GEOMETRIC MOTTLED	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFC-2-Floor Tile 262406113-0017	12X12 PEEL & STICK TILE-CREAM GEOMETRIC MOTTLED	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 07/02/2024 17:22:34



EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

<http://www.EMSL.com> / chicagolab@emsl.com

EMSL Order: 262406113

Customer ID: MECO77

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MFC-2-Adhesive 262406113-0017A	12X12 PEEL & STICK TILE-CREAM GEOMETRIC MOTTLED	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFC-3-Floor Tile 262406113-0018	12X12 PEEL & STICK TILE-CREAM GEOMETRIC MOTTLED	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFC-3-Adhesive 262406113-0018A	12X12 PEEL & STICK TILE-CREAM GEOMETRIC MOTTLED	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFD-1-Floor Tile 262406113-0019	FLOOR TILE /MASTIC -BEIGE & BROWN	Brown Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
MFD-1-Mastic 262406113-0019A	FLOOR TILE /MASTIC -BEIGE & BROWN	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFD-2-Floor Tile 262406113-0020	FLOOR TILE /MASTIC -BEIGE & BROWN				Positive Stop (Not Analyzed)
MFD-2-Mastic 262406113-0020A	FLOOR TILE /MASTIC -BEIGE & BROWN	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFD-3-Floor Tile 262406113-0021	FLOOR TILE /MASTIC -BEIGE & BROWN				Positive Stop (Not Analyzed)
MFD-3-Mastic 262406113-0021A	FLOOR TILE /MASTIC -BEIGE & BROWN	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFE-1-Sheet Flooring 262406113-0022	VINYL SHEET FIBER/GLUE-REDDI SH WOOD PATTERN	Brown/Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
MFE-1-Mastic 262406113-0022A	VINYL SHEET FIBER/GLUE-REDDI SH WOOD PATTERN	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFE-2-Sheet Flooring 262406113-0023	VINYL SHEET FIBER/GLUE-REDDI SH WOOD PATTERN	Brown/Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
MFE-2-Mastic 262406113-0023A	VINYL SHEET FIBER/GLUE-REDDI SH WOOD PATTERN	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MFE-3-Sheet Flooring 262406113-0024	VINYL SHEET FIBER/GLUE-REDDI SH WOOD PATTERN	Brown/Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
MFE-3-Mastic 262406113-0024A	VINYL SHEET FIBER/GLUE-REDDI SH WOOD PATTERN	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMA-1 262406113-0025	YELLOW CARPET GLUE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMA-2 262406113-0026	YELLOW CARPET GLUE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMA-3 262406113-0027	YELLOW CARPET GLUE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 07/02/2024 17:22:34



EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

<http://www.EMSL.com / chicagolab@emsl.com>

EMSL Order: 262406113

Customer ID: MECO77

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MMB-1 262406113-0028	EXTERIOR WINDOW CAULK	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMB-2 262406113-0029	EXTERIOR WINDOW CAULK	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMB-3 262406113-0030	EXTERIOR WINDOW CAULK	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMC-1 262406113-0031	EXTERIOR WINDOW GLAZING	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMC-2 262406113-0032	EXTERIOR WINDOW GLAZING	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMC-3 262406113-0033	EXTERIOR WINDOW GLAZING	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
MMD-1 262406113-0034	EXTERIOR DOOR CAULK	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMD-2 262406113-0035	EXTERIOR DOOR CAULK	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MMD-3 262406113-0036	EXTERIOR DOOR CAULK	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MME-1 262406113-0037	EXTERIOR SIDING (GARAGE)	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
MME-2 262406113-0038	EXTERIOR SIDING (GARAGE)	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
MME-3 262406113-0039	EXTERIOR SIDING (GARAGE)	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
MRA-1 262406113-0040	ASPHALT SHINGLE	Black/Green Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
MRA-2 262406113-0041	ASPHALT SHINGLE	Black/Green Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
MRA-3 262406113-0042	ASPHALT SHINGLE	Black/Green Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
MWA-1-Ceramic Tile 262406113-0043	2X2 CERAMIC WALL TILE /GROUT -CREAM	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MWA-1-Grout 262406113-0043A	2X2 CERAMIC WALL TILE /GROUT -CREAM	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MWA-1-Adhesive 262406113-0043B	2X2 CERAMIC WALL TILE /GROUT -CREAM	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MWA-2-Ceramic Tile 262406113-0044	2X2 CERAMIC WALL TILE /GROUT -CREAM	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 07/02/2024 17:22:34



EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

<http://www.EMSL.com> / chicagolab@emsl.com

EMSL Order: 262406113

Customer ID: MECO77

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MWA-2-Grout 262406113-0044A	2X2 CERAMIC WALL TILE /GROUT -CREAM	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MWA-2-Adhesive 262406113-0044B	2X2 CERAMIC WALL TILE /GROUT -CREAM	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MWA-3-Ceramic Tile 262406113-0045	2X2 CERAMIC WALL TILE /GROUT -CREAM	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MWA-3-Grout 262406113-0045A	2X2 CERAMIC WALL TILE /GROUT -CREAM	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MWA-3-Adhesive 262406113-0045B	2X2 CERAMIC WALL TILE /GROUT -CREAM				Layer Not Present
SPA-1-Skim Coat 262406113-0046	PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPA-1-Base Coat 262406113-0046A	PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPA-2-Skim Coat 262406113-0047	PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPA-2-Base Coat 262406113-0047A	PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPA-3-Skim Coat 262406113-0048	PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPA-3-Base Coat 262406113-0048A	PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPA-4-Skim Coat 262406113-0049	PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPA-4-Base Coat 262406113-0049A	PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPA-5-Skim Coat 262406113-0050	PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPA-5-Base Coat 262406113-0050A	PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPB-1 262406113-0051	TEXTURED CEILING	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPB-2 262406113-0052	TEXTURED CEILING	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
SPB-3 262406113-0053	TEXTURED CEILING	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 07/02/2024 17:22:34



EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

<http://www.EMSL.com> / chicagolab@emsl.com

EMSL Order: 262406113

Customer ID: MECO77

Customer PO:

Project ID:

Analyst(s)

Mazen Elkhatib (24)

Michael Eppley (33)

Shamya Pugh (28)

James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 07/02/2024 17:22:34

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

PHONE:
FAX:

Company Name: Midwest Environmental Consulting Services, Inc.		EMSL Customer ID:	
Street: 2551 N. Bridge Street		City: Yorkville	State/Province: IL
Zip/Postal Code: 60560	Country: US	Telephone #: 630-553-3989	Fax #:
Report To (Name): Eden Dennis		Please Provide Results: ☐ Fax ☒ Email	
Email Address: edennis@mec-us.com / results@mec-us.com		Purchase Order:	
Project Name/Number: Pleasant Dale / 24-06-513-1NSA		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: IL		CT Samples: ☐ Commercial/Taxable ☐ Residential/Tax Exempt	
EMSL-Bill to: ☒ Same ☐ Different - If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party			
Turnaround Time (TAT) Options* - Please Check			
☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☒ 1 Week ☐ 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air ☐ Check if samples are from NY ☐ NIOSH 7400 ☐ w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) ☒ PLM EPA 600/R-93/116 (<1%) ☐ PLM EPA NOB (<1%) Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS 198.1 (friable in NY) ☐ NYS 198.6 NOB (non-friable-NY) ☐ NYS 198.8 SOF-V ☐ NIOSH 9002 (<1%)		TEM - Air ☐ 4-4.5hr TAT (AHERA only) ☐ AHERA 40 CFR, Part 763 ☐ NIOSH 7402 ☐ EPA Level II ☐ ISO 10312 TEM - Bulk ☐ TEM EPA NOB ☐ NYS NOB 198.4 (non-friable-NY) ☐ Chatfield SOP ☐ TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm ☐ Waste ☐ Drinking All Fiber Sizes ☐ Waste ☐ Drinking	
TEM - Dust ☐ Microvac - ASTM D 5755 ☐ Wipe - ASTM D6480 ☐ Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite* ☐ PLM CARB 435 - A (0.25% sensitivity) ☐ PLM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - C (0.01% sensitivity) ☐ TEM Qual. via Filtration Technique ☐ TEM Qual. via Drop-Mount Technique *Can not accept New York State Loose Fill Vermiculite Samples Other: ☐			
☒ Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): ☐ 0.8µm ☐ 0.45µm	
Samplers Name: Eden Dennis		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
MBA 1,2,3	4" Vinyl Baseboard/Glue- Gray	Bulk	6.26.24
MCA 1,2,3	2x2 Ceiling Tile-Textured w/ Pinholes		
MDA 1,2,3	Drywall / Tape / Compound		
MFA 1,2,3	Vinyl Sheet Floor/Glue-Light Wood Pattern		
MFB 1,2,3	1'x1' Ceramic Tile/Grout- Beige		
MFC 1,2,3	12" x 12" Peel & Stick Tile- Cream Geometric Mottled		
MFD 1,2,3	Floor Tile/Mastic- Beige & Brown		
Client Sample # (s):		Total # of Samples:	
Relinquished (Client):		Date: 6.26.24	Time: 5 p
Received (Lab):		Date: 6-26-24	Time: 5:10 p
Comments/Special Instructions: dropped on counter (WF)			

EMSL Order Number (*Lab Use Only*):

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Page 2 of 2 pages

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200399-0

EMSL Analytical Inc.

Hillside, IL

*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).*

2024-04-01 through 2025-03-31

Effective Dates



A handwritten signature in blue ink, reading "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical Inc.
4140 Litt Drive
Hillside, IL 60162
Mr. James Hahn
Phone: 773-313-0099 Fax: 773-313-0139
Email: jhahn@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200399-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
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

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

MICHAEL A GLENN
5731 ESSEX COURT
HANOVER PARK, IL 60133

2/28/2024

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 02620

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

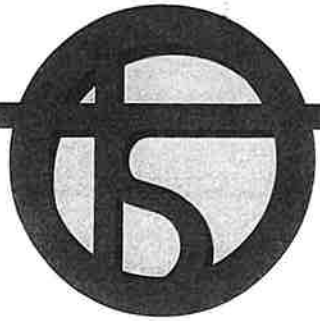
Front of License

Back of License

 ASBESTOS PROFESSIONAL LICENSE			ENDORSEMENTS	TC EXPIRES
ID NUMBER 100 - 02620	ISSUED 2/28/2024	EXPIRES 05/15/2025	INSPECTOR PROJECT DESIGNER MANAGEMENT PLANNER PROJECT MANAGER AIR SAMPLING PROFESSIONAL	11/3/2024 2/5/2025 11/3/2024 9/7/2024
MICHAEL A GLENN 5731 ESSEX COURT HANOVER PARK, IL 60133 Environmental Health			Alteration of this license shall result in legal action This license issued under authority of the State of Illinois Department of Public Health This license is valid only when accompanied by a valid training course certificate.	

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is: dph.illinois.gov/topics-services/environmental-health-protection/asbestos
EMAIL Address: dph.asbestos@illinois.gov



OCCUPATIONAL TRAINING & SUPPLY, INC.

Asbestos Building Inspector Refresher

Occupational Training & Supply, Inc. certifies that

Michael Glenn

has successfully completed the Asbestos Building Inspector Refresher course and has passed the competency exam with a minimum score of 70%. The course is accredited by the Illinois Department of Public Health and Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency response Act (AHERA) and TSCA Title II.

Course Date: 11/3/2023

Exam Date: 11/3/2023

Expiration Date: 11/3/2024

Certificate Number: BIR2311032901

Kristina Miczek, Training Manager