




46555 Humboldt Dr. Ste. 100  
Novi, MI 48377  
(248) 669-5140 | oneatlas.com



Client Name:	City of Kalamazoo
Project Name:	Commercial Building Asbestos Survey
Project Number:	188BS23419
Project Site Address (Subject Property):	750 Skinner Drive, Kalamazoo, MI 49700
Date of Site Visit:	May 24, 2023
Asbestos Inspection Performed by:	Corey Pruitt (A57116)
Asbestos Inspector's Signature:	
Areas Not Accessible:	Basement, 2 <sup>nd</sup> Floor and front portion of 1 <sup>st</sup> floor were inaccessible.
Number of Floors:	2 floors plus basement
Asbestos Present (Yes/No/Other):	Yes, additional ACM may be present in inaccessible areas.

On the date indicated above, State of Michigan Asbestos Inspector, Corey Pruitt (A57116) from Atlas Technical Consultants, conducted a pre-demolition asbestos and other regulated materials inspection of the subject unoccupied commercial property.

Table I identifies materials that were found to contain asbestos in concentrations greater than 1% and therefore are regulated under the rules of asbestos in the State of Michigan.

**TABLE I**  
**Asbestos-Containing Materials**

ID#	MATERIAL	LOCATION	QUANTITY	RESULT	NESHAP CATEGORY
12-WG-A,B,C	Window Glaze (Basement)	EA 1,2,3,4	5 Windows	PLM 3% Chrysotile	Cat II

The purpose of this inspection was to task an accredited asbestos inspector to complete a pre-demolition asbestos and hazardous material survey of the subject site, and provide recommendation options for removal and disposal of identified hazardous/regulated materials prior to demolition of the building(s). The asbestos inspection consisted of the following three basic procedures: conducting a visual inspection of the structure, identifying homogeneous areas (HAs) of suspect surfacing, thermal system insulation, and miscellaneous materials; and sampling identified friable and non-friable suspect materials.

Bulk samples of suspect ACMs were collected and placed into individual containers for transport under Chain of Custody (COC) to a National Voluntary Lab Accreditation Program (NVLAP)-accredited laboratory for analysis. Materials typically known as non-asbestos items (i.e. fibrous glass, foam rubber, wood, etc.) were not sampled.

Laboratory Reports and associated COC's are provided in **Attachment A**. Photographs of the site are included in **Attachment B**. The following sections summarize Atlas' findings.

Table II below identifies the suspect asbestos-containing materials identified during the survey, their locations, approximate quantity, type and percentage of asbestos.

**TABLE II**  
**Suspect Asbestos-Containing Materials**

HA/ID#	MATERIAL	LOCATION	RESULT
1-RM-A,B,C	Roofing Material	EA 5	ND
2-VP-A,B,C	Vapor Paper (Under wood siding)	EA 1,2,3,4	ND
3-EC-A,B,C	Exterior Caulk (on Aluminum siding)	EA 1,2,3,4	ND
4-WG-A,B,C	Window Glaze (House)	EA 1,2,3,4	ND
5-PL-A,B,C,D,E	Plaster on Lath	FS 1,2,3	ND
6-TPL-A,B,C	Textured Plaster (on Ceiling)	FS 3	ND
7-WBS-A,B,C	Wallboard System	FS 2	ND
8-BM-A,B,C	Brick Mortar (Exterior)	EA 1,2,3,4	ND
9-CC-A,B,C	Concrete Chip (Exterior)	EA 4	ND
10-CC-A,B,C	Concrete Chip (Slab boat is sitting on)	EA 2	ND
11-ASD-A,B,C	Asphalt driveway (Over concrete)	EA 4	ND
12-WG-A,B,C	Window Glaze (Basement)	EA 1,2,3,4	PLM 3% Chrysotile

ND = No asbestos detected, NA = Not applicable, UNQ = Unquantified; PC = Point Count

No other suspect ACMs were observed on the site. Although not anticipated based on surface observations, underground structures that could contain ACM may be present and should be managed accordingly if encountered during site redevelopment.

Asbestos is a hazardous substance. Its condition, handling and disposal are regulated by federal, state, and local agencies. ACMs generally do not pose a health threat unless the asbestos fibers are disturbed, become airborne and are inhaled.

Contractors working in an area where asbestos is present must be informed of the type and location of ACMs. Abatement of ACMs, including non-friable ACMs, must be performed by a Michigan licensed, certified and registered asbestos abatement contractor in accordance with state and federal Occupational Safety and Health Administration (OSHA) and local air quality management regulations.

Table III below lists Other Regulated Materials/Universal Wastes identified during the survey.

**TABLE III  
Other Regulated Materials/Universal Wastes**

MATERIAL	LOCATION	APPROXIMATE QUANTITY
CFC's Air Conditioners/Refrigerators/Freezers/Dehumidifiers	FS-4	1
CRTs/ TV Screens/ Monitors/Electronics	FS-3	2

Table IV below lists the functional spaces identified during the survey.

**Table IV  
Functional Space/ Exterior Area Designations**

DESCRIPTION	DESIGNATION
<b>Interior Functional Spaces</b>	
Ground Level	FS- 1,2,3,4,5
2 <sup>nd</sup> Floor	FS-7
Basement	FS-6
<b>Exterior Areas</b>	
Roof	EA-5
Outside Surrounding	EA- 1,2,3,4

## RECOMMENDATIONS:

Except for the following items listed below, Section 61.145(c) of the Asbestos NESHAP requires that each owner or operator of a demolition or demolition activity involving RACM remove all such material from a facility being demolished or renovated before any activity begins that would break up, dislodge, or similarly disturb the material or preclude access to the material for subsequent removal.

ACM need not be removed before demolition if it:

(i) Is a Category I non-friable ACM that is not friable.

(ii) Is on a facility component that is encased in concrete or other similarly hard material and is adequately wet whenever exposed during demolition.

(iii) Was not accessible for testing and therefore was not discovered until after demolition began and, as a result of the demolition, cannot be safely removed. If not removed for safety reasons, the exposed RACM and any asbestos-contaminated debris must be treated as asbestos-containing waste material and kept adequately wet at all times until disposed of.

(iv) Is a Category II non-friable ACM and the probability is low that the material will become crumbled, pulverized, or reduced to powder during demolition.

Demolition with Roofing Materials in place is covered under the NESHAP regulations (40 CFR Part 61 Subpart M).

Roofing materials that were not tested during this inspection should be assumed to be Category I asbestos-containing roofing materials.

Since demolition activities do not include sanding, grinding, cutting, or abrading, Category I asbestos-containing roofing materials not in poor condition and not friable are not considered RACM, and are allowed to remain in place during demolition.

If the asbestos-containing roofing material is not in poor condition and is not friable, it may be disposed of in a landfill which accepts ordinary demolition waste.

The asbestos-containing roofing material may not be ground up for recycling into other products.

\*If joint compound within the drywall system is identified as positive, a composite sample was analyzed per NESHAP. If the drywall system as a composite sample is less than 1% asbestos, the material is not considered RACM per NESHAP. However, OSHA requirements regarding materials containing less than 1% asbestos still apply, and contractors performing work should ensure they comply with the requirements if the material is not removed prior to demolition.

In addition, contractors should ensure they follow all OSHA regulations pertaining to demolition / demolition of Category I Asbestos-containing materials. Category I or II non-friable ACM that is not subject to 61.150(a)(3) would still have to be disposed of in a landfill that accepts building debris, in a landfill that operates in accordance with 61.154, or at a facility that operates in accordance with 61.155.

### **Prior to demolition, the following is recommended:**

An asbestos abatement company, licensed in the State of Michigan should remove the materials identified as asbestos containing in Table I in accordance with all applicable Local, State, and Federal Requirements prior

to demolition.

Other Regulated Materials/Universal Wastes, identified in Table III, must be transported and disposed in accordance with all applicable Local, State, and Federal Requirements prior to demolition.

**LIMITATIONS:**

The results, findings, conclusions, and recommendations expressed in the report are based only on conditions that were noted during Atlas' inspection of the vacant above-referenced property located in Kalamazoo, Michigan.

Any conditions or materials that could not be visually identified through limited destructive sampling were not inspected and may differ from those conditions or materials noted. The user of this report should keep in mind that conditions may change with time and observations made by Atlas at the time of the site reconnaissance may not be consistent with future observations made by others.

Additional materials may be encountered during the demolition process and may require further sampling to determine disposal criteria.

The report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos abatement contractors in locating asbestos building materials and Other Regulated Materials/Universal Wastes to be removed prior to demolition activities.

Under no circumstances is the report to be utilized as a bidding document or as a project specification document. Contractors bidding the demolition of this site should field-verify project information.

Atlas appreciates the opportunity to be of service to the City of Kalamazoo on this project. In the meantime, if you have questions regarding the information in this report or if we can be of further assistance do not hesitate to contact our office at (248) 669-5140.

**ATTACHMENT A**

**LABORATORY REPORTS AND CHAIN OF CUSTODY**



**ENVIRONMENTAL TESTING  
LABORATORIES, INC.**

37575 W HURON RIVER DRIVE  
ROMULUS, MICHIGAN 48174  
(734) 955-6600  
FAX: (734) 955-6604

To: Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job: 258026  
Client Project: 188BS23419

Attention: Robert Smith  
Project Location: 750 Skinner Dr., Kalamazoo , MI 49700

Lab Sample Number	Client Sample Number	Sample Type	Completed
1515182	1-RM-A	Asbestos	06/02/2023
1515183	1-RM-B	Asbestos	06/02/2023
1515184	1-RM-C	Asbestos	06/02/2023
1515185	2-VP-A	Asbestos	06/02/2023
1515186	2-VP-B	Asbestos	06/02/2023
1515187	2-VP-C	Asbestos	06/02/2023
1515188	3-EC-A	Asbestos	06/02/2023
1515189	3-EC-B	Asbestos	06/02/2023
1515190	3-EC-C	Asbestos	06/02/2023
1515191	4-WG-A	Asbestos	06/02/2023
1515192	4-WG-B	Asbestos	06/02/2023
1515193	4-WG-C	Asbestos	06/02/2023
1515194	5-PL-A	Asbestos	06/02/2023
1515195	5-PL-B	Asbestos	06/02/2023
1515196	5-PL-C	Asbestos	06/02/2023
1515197	5-PL-D	Asbestos	06/02/2023

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Lab Sample Number	Client Sample Number	Sample Type	Completed
1515198	5-PL-E	Asbestos	06/02/2023
1515199	6-TPL-A	Asbestos	06/02/2023
1515200	6-TPL-B	Asbestos	06/02/2023
1515201	6-TPL-C	Asbestos	06/02/2023
1515202	7-WBS-A	Asbestos	06/05/2023
1515203	7-WBS-B	Asbestos	06/05/2023
1515204	7-WBS-C	Asbestos	06/05/2023
1515205	8-BM-A	Asbestos	06/05/2023
1515206	8-BM-B	Asbestos	06/05/2023
1515207	8-BM-C	Asbestos	06/05/2023
1515208	9-CC-A	Asbestos	06/05/2023
1515209	9-CC-B	Asbestos	06/05/2023
1515210	9-CC-C	Asbestos	06/05/2023
1515211	10-CC-A	Asbestos	06/05/2023
1515212	10-CC-B	Asbestos	06/05/2023
1515213	10-CC-C	Asbestos	06/05/2023
1515214	11-ASD-A	Asbestos	06/05/2023
1515215	11-ASD-B	Asbestos	06/05/2023
1515216	11-ASD-C	Asbestos	06/05/2023
1515217	12-WG-A	Asbestos	06/05/2023
1515218	12-WG-B	Asbestos	06/05/2023
1515219	12-WG-C	Asbestos	06/05/2023

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Reviewed by:



Jessica Dilworth

Summary

Method	Sample	Layer	Mastic
PLM	57	8	



# Certificate of Analysis

Environmental Testing Laboratories, Inc.  
37575 W Huron River Drive  
Romulus, Michigan 48174  
(734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515182 1-RM-A	Roofing Material	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515183 1-RM-B	Roofing Material	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515184 1-RM-C	Roofing Material	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515185 2-VP-A	Vapor Paper	Brown Fibrous Homogenous	PLM 90% Cellulose	PLM 10% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515186 2-VP-B	Vapor Paper	Brown Fibrous Homogenous	PLM 90% Cellulose	PLM 10% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515187 2-VP-C	Vapor Paper	Brown Fibrous Homogenous	PLM 90% Cellulose	PLM 10% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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Date Received : 05/31/2023

Location :  
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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515188 3-EC-A	Exterior Caulk	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515189 3-EC-B	Exterior Caulk	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515190 3-EC-C	Exterior Caulk	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515191 4-WG-A	Window Glaze	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515192 4-WG-B	Window Glaze	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515193 4-WG-C	Window Glaze	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515194 5-PL-A	Plaster	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515194 5-PL-A	Skim Coat	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515194 5-PL-A	Plaster	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-3 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515194 5-PL-A	Texture	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-4 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515195 5-PL-B	Plaster	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515195 5-PL-B	Skim Coat	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515195 5-PL-B	Plaster	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-3 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515195 5-PL-B	Texture	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-4 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515196 5-PL-C	Plaster	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515196 5-PL-C	Skim Coat	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515196 5-PL-C	Plaster	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-3 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515196 5-PL-C	Texture	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-4 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515197 5-PL-D	Plaster	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515197 5-PL-D	Skim Coat	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515197 5-PL-D	Plaster	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-3 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515197 5-PL-D	Texture	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-4 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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# Certificate of Analysis

Environmental Testing Laboratories, Inc.



37575 W Huron River Drive  
Romulus, Michigan 48174  
(734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515198 5-PL-E	Plaster	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515198 5-PL-E	Skim Coat	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515198 5-PL-E	Plaster	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-3 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515198 5-PL-E	Texture	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-4 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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Romulus, Michigan 48174  
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## Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515199 6-TPL-A	Textured Plaster	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515199 6-TPL-A	Skim Coat	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515199 6-TPL-A	Plaster	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-3 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515199 6-TPL-A	Texture	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-4 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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Romulus, Michigan 48174  
(734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515200 6-TPL-B	Textured Plaster	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515200 6-TPL-B	Skim Coat	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515200 6-TPL-B	Plaster	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-3 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515200 6-TPL-B	Texture	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-4 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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37575 W Huron River Drive  
Romulus, Michigan 48174  
(734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515201 6-TPL-C	Textured Plaster	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515201 6-TPL-C	Skim Coat	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515201 6-TPL-C	Plaster	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-3 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					
1515201 6-TPL-C	Texture	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-4 Analyst: Amanda Hanzel Date Analyzed : 06/02/2023					

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Certificate of Analysis

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37575 W Huron River Drive
Romulus, Michigan 48174
(734) 955-6600, Fax: (734) 955-6604

Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi
46555 Humboldt Dr. Suite 100
Novi, Michigan 48377

ETL Job : 258026
Client Project : 188BS23419
Date Collected : 05/24/2023
Date Received : 05/31/2023

Location :
750 Skinner Dr., Kalamazoo , MI 49700

Table with 6 columns: Sample, Description, Appearance, % Fibrous, % Non-Fibrous, % Asbestos. Contains analysis data for samples 1515202 (Wallboard, Mud, Tape) and 1515203 (Mud, Tape).

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# Certificate of Analysis

Environmental Testing Laboratories, Inc.



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Romulus, Michigan 48174  
(734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515204 7-WBS-C	Wallboard System-Drywall	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515204 7-WBS-C	Mud	White Non-Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
Layer-2 Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515204 7-WBS-C	Tape	White Fibrous Homogenous	PLM 90% Cellulose	PLM 10% Other	PLM None Detected
Layer-3 Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515205 8-BM-A	Brick Mortar	Brown Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515206 8-BM-B	Brick Mortar	Brown Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515207 8-BM-C	Brick Mortar	Brown Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					

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Romulus, Michigan 48174  
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## Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515208 9-CC-A	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515209 9-CC-B	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515210 9-CC-C	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515211 10-CC-A	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515212 10-CC-B	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515213 10-CC-C	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					

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## Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1515214 11-ASD-A	Asphalt Driveway	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515215 11-ASD-B	Asphalt Driveway	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515216 11-ASD-C	Asphalt Driveway	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515217 12-WG-A	Window Glaze	White Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 95% Other	PLM 3% Chrysotile
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023					
1515218 12-WG-B		Positive Stop			
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023 Sample Not Analyzed					
1515219 12-WG-C		Positive Stop			
Analyst: Amanda Hanzel Date Analyzed : 06/05/2023 Sample Not Analyzed					

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To : Atlas - Novi  
46555 Humboldt Dr. Suite 100  
Novi, Michigan 48377

ETL Job : 258026  
Client Project : 188BS23419  
Date Collected : 05/24/2023  
Date Received : 05/31/2023

Location :  
750 Skinner Dr., Kalamazoo , MI 49700

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
--------	-------------	------------	-----------	---------------	------------

*Madelaine Palmer*  
Lab Supervisor/Other Signatory

Analyst:

*Amanda Hanzel*  
Amanda Hanzel

400 Point Count Results by EPA 600/R-93/116 PLM (denoted by "PC")  
Item 198.1: PLM Methods for Identifying and Quantitating Asbestos in Bulk Samples  
Item 198.6: PLM Methods for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples  
EPA 600/R-93/116: Method for Determination of Asbestos in Bulk Building Materials  
EPA 600/M4-82-020: Interim Method for Determination of Asbestos in Bulk Insulation Samples  
A % Asbestos result of "Trace" indicates that the analyzed material was found to contain less than 1% asbestos and would not be considered an Asbestos Containing Material (ACM).

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**ENVIRONMENTAL TESTING LABORATORIES, INC**



38900 HURON RIVER DRIVE  
ROMULUS, MICHIGAN 48174  
(734) 955-6600  
FAX: (734) 992-2261  
www.2etl.com

**Bulk Asbestos  
Chain of Custody**

ETL Project #: 258026

<b>Client:</b> Atlas Technical Consultants	<b>Contact:</b> Rob Smith Phone: 248-669-5140	<b>Project Location/Name:</b> 750 SKINNER DR. KALAMAZOO, MI 497
<b>Address:</b> 46555 Humboldt Dr. Ste. 100 Novi, MI 48377	<b>Fax:</b> 248-669-5147 <b>E-mail:</b>	<b>Client Project #:</b> 1885523419
<b>Please Provide Results:</b> <input checked="" type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Verbal <input type="checkbox"/> Other _____		<b>Date Sampled:</b> 5/24/2023

**Turnaround Time (TAT):**  RUSH  Same Day  24 hr  48 hr  Standard (3-5 days)  Other 72 hours

**PLM Instructions**  
(Check all that apply)

<input checked="" type="checkbox"/> PLM EPA600/R-93/116, 1993 (Standard method)	<input checked="" type="checkbox"/> Stop at 1st Positive - <i>Clearly mark Homogenous Group</i>
Point Counting: <input type="checkbox"/> 400 Points* <input type="checkbox"/> NYSDOH ELAP 198.1, 2002*	
<input type="checkbox"/> Gravimetric Reduction* <input type="checkbox"/> NYSDOH ELAP 198.6, 2010*	
<input type="checkbox"/> PLM Non-Building Material (Dust, Wipe, Tape)	<input type="checkbox"/> Soil or Vermiculite Analysis*

\* Additional charge and turnaround may be required

515

Lab ID	Sample ID	Material Description	Sample Location	Quantity
182, 183, 184	1-RM-A,B,C	Roofing Material	EA 5	
185, 186, 187	2-VP-A,B,C	Vapor paper (under wood siding)	EA 1,2,3,4	
188, 189, 190	3-EC-A,B,C	Exterior Caulk (on aluminium siding)	EA 1,2,3,4	
191, 192, 193	4-WG-A,B,C	Window Glaze (House)	EA 1,2,3,4	
194, 195, 196, 197, 198	5-PL-A,B,C,D,E	Plaster on Lath	FS 1,2,3	
199, 200, 201	6-TPL-A,B,C	Textured Plaster (on ceiling)	FS 3	
202, 203, 204	7-WBS-A,B,C	Wallboard System	FS 2	
205, 206, 207	8-BM-A,B,C	Brick Mortar (exterior)	EA 1,2,3,4	
208, 209, 210	9-CC-A,B,C	Concrete Chip (exterior)	EA 4	
211, 212, 213	10-CC-A,B,C	Concrete Chip (Steb boat is sitting on)	EA 2	
214, 215, 216	11-ASD-A,B,C	Asphalt Drive way (over concrete)	EA 4	
217, 218, 219	12-WG-A,B,C	Window Glaze (basement)	EA 1,2,3,4	

		Date	Time	
Relinquished (Name/Organization):	Corey Pruitt	5/26/2023	12:00 PM	am/pm
Received (Name/ETL):	<i>[Signature]</i>	5/31/23	3:21	am/pm
Sample Login (Name/ETL):	<i>[Signature]</i>	5/31/23	3:21	am/pm
Stereoscopic/Sample Analysis (Name/ETL):	Amanda Lynn Howard	06/05/23	12:00	am/pm
Results (Name/ETL):	Amanda Lynn Howard	06/05/23	12:00	am/pm
QV/QC Review (Name/ETL):	<i>[Signature]</i>	06/05/23	1:30	am/pm

<b>Special Instructions:</b> • 1st Positive Stop; • Composite all drywall/joint compound samples if any layer of system is greater than 1% asbestos; • Point Count ALL PLASTER samples Trace to 3% asbestos content • Point Count ALL SAMPLES Trace to 1% asbestos content	<b>Remarks</b>
---	----------------

\*\*IN ORDER TO ENSURE RESULTS BY SPECIFIED TAT, THE LAB MUST BE EMAILED/CALLED WITH THE QUANTITY OF SAMPLES TO BE SHIPPED OR DROPPED OFF

**ATTACHMENT B**

**PHOTOGRAPHS**

ASBESTOS-CONTAINING MATERIAL SURVEY  
VACANT RESIDENTIAL PROPERTY  
750 SKINNER DR  
KALAMZOO, MI 49001



Street view of the house located at 750 Skinner Drive (EA-1) / (EA-5)



View of the left side of the house (EA-2)

ASBESTOS-CONTAINING MATERIAL SURVEY  
VACANT RESIDENTIAL PROPERTY  
750 SKINNER DR  
KALAMZOO, MI 49001



View of the rear of the house (EA-3)

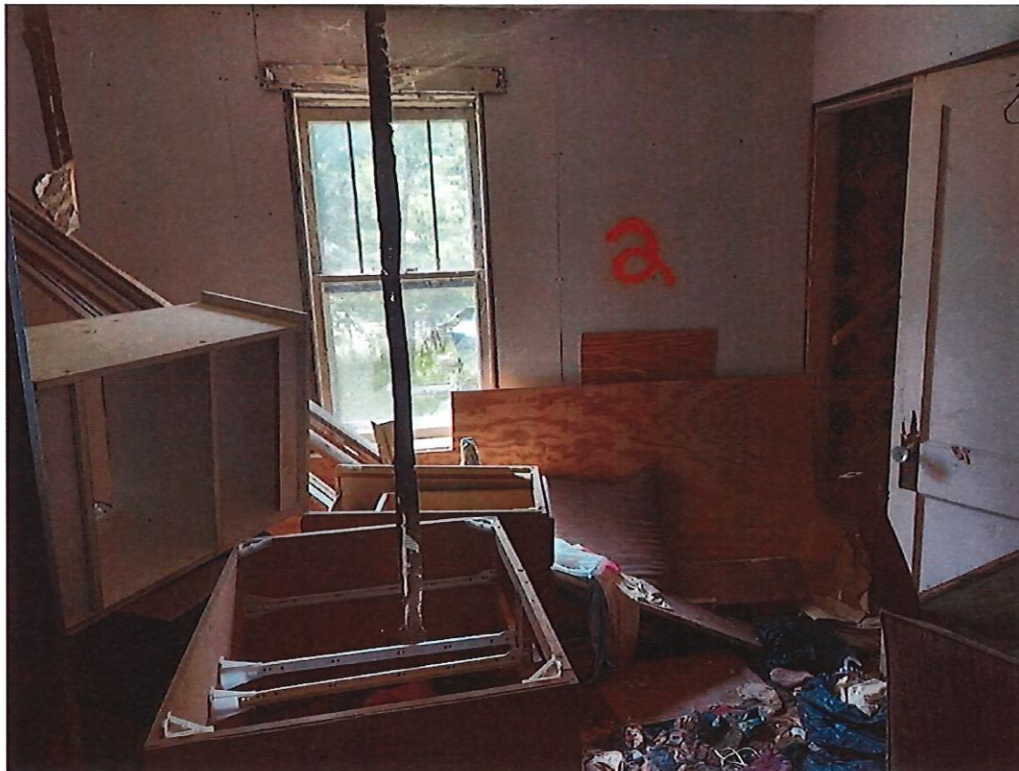


View of the right side of the house (EA-4)

ASBESTOS-CONTAINING MATERIAL SURVEY  
VACANT RESIDENTIAL PROPERTY  
750 SKINNER DR  
KALAMZOO, MI 49001



View of FS-1



View of FS-2

ASBESTOS-CONTAINING MATERIAL SURVEY  
VACANT RESIDENTIAL PROPERTY  
750 SKINNER DR  
KALAMZOO, MI 49001



View of FS-3



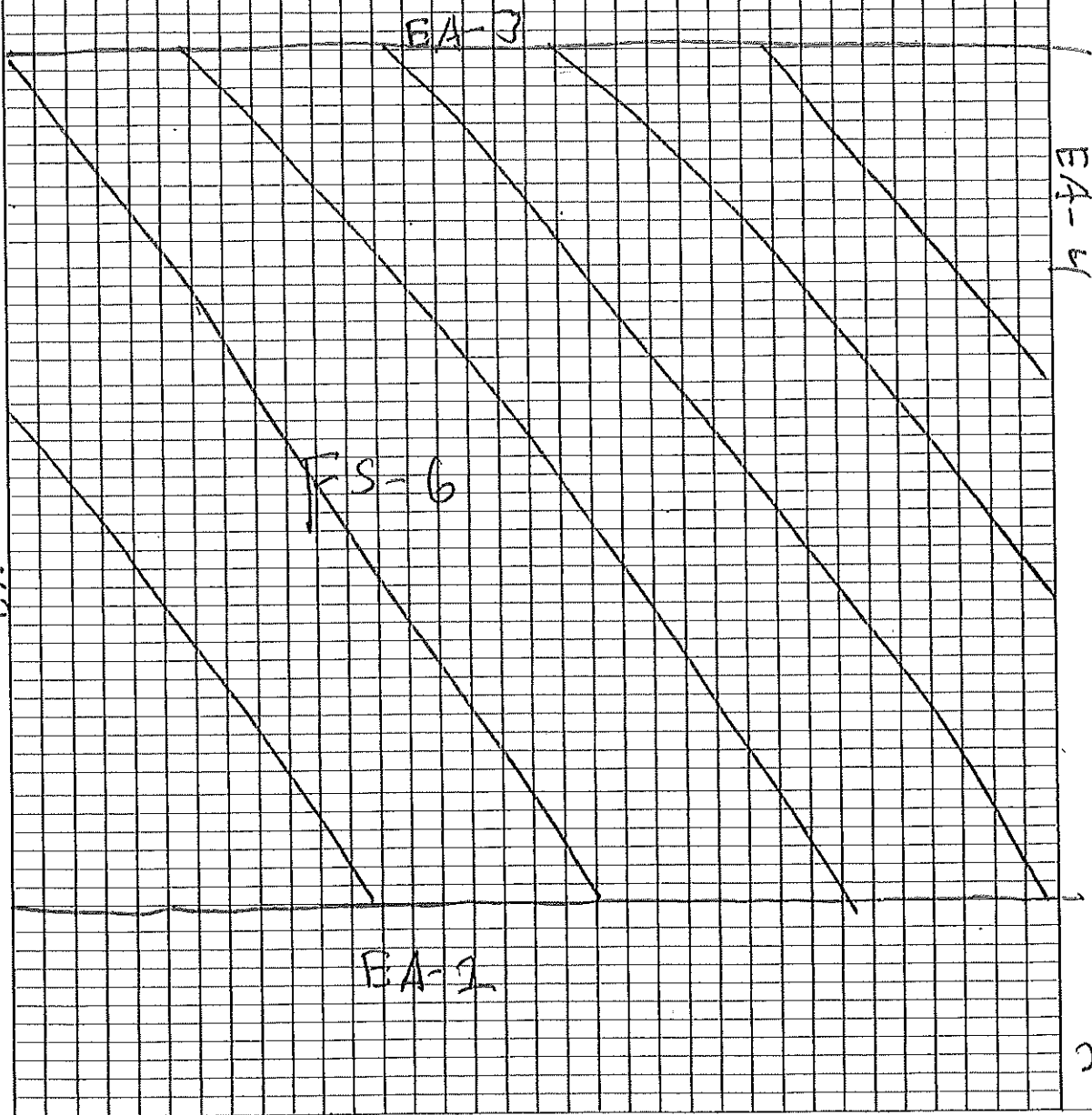
View of FS-4

**ATTACHMENT C**  
**FUNCTIONAL SPACE MAPS**

Circle: (Attic) (1st Floor) (2nd Floor) (Basement) (Garage)

14

EA-5  
ROOF



Street Address: 750 Skinner

25

29

Inaccessible



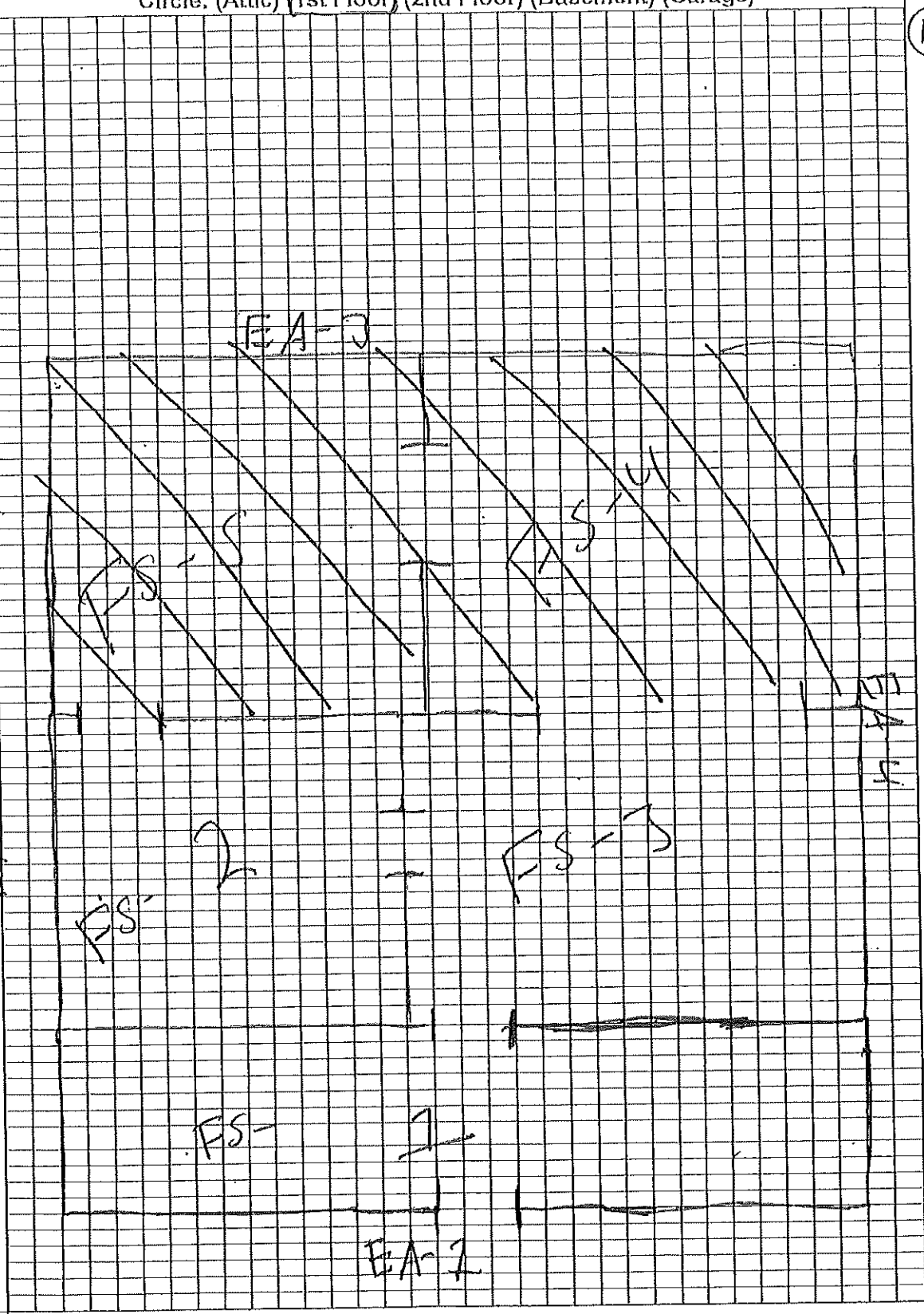


Circle: (Attic) (1st Floor) (2nd Floor) (Basement) (Garage)-

N 4

EA-5  
ROOF

EA-2



Street Address: 750 S. Lincoln

24

29

Inaccessible



Circle: (Attic) (1st Floor) (2nd Floor) (Basement) (Garage)



EA-5  
ROOF

EA-3

EA-6

FS-7

EA-2

FS-8

EA-1

29

26

Street Address: 750 Skinner

Inaccessible

