

ASBESTOS SURVEY REPORT

PTB 196-032

**Asbestos Survey for Building Demolition (I-80) at Gardner Road Bridge
615 Gardner Street, Joliet, Illinois
Region One/District One**

Prepared for:



**Illinois Department of Transportation
District 1**

Submitted to:

**WSP USA
30 N. LaSalle Street
Chicago, IL, 60602**

Prepared by:



May 9, 2024



April 2, 2024


David Skaleski, P.E.
Project Manager
WSP USA
30 N. LaSalle Street, Suite 4200
Chicago, Illinois 60602


Asbestos Survey Report
PTB 198-003
FAI-80 (I-80) over Des Plaines River Bridge
Job N. D-91-204-19
615 Gardner Street, Joliet, IL
Parcel No. 1P10193

Dear Mr. Skaleski:

GSG Consultants Inc has conducted an Asbestos Survey for the above referenced property in accordance with our contractual agreement. The report provides a description of the site, survey methodology, analytical results, abatement cost estimates, and recommendations.

Should you have any questions or require additional information, please call us at 630-994-2600.

Prepared by:  May 9, 2024
Erin Pahomi
Asbestos Building Inspector
Inspector License No: 100-20674
Date

Reviewed By:  May 9, 2024
Thaddeus Cagney, LPG
Senior Project Manager
Date


QA Manager:  May 9, 2024
Ala E Sassila, Ph.D., PE
Date

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ACRONYMS AND ABBREVIATIONS

ACM	Asbestos-Containing Materials
ACBM	Asbestos-Containing Building Materials
AHERA	Asbestos Hazard Emergency Response Act
CFR	Code of Federal Regulations
COC	Chain of Custody
GSG	GSG Consultants, Inc.
IDOT	Illinois Department of Transportation
IDPH	Illinois Department of Public Health
NESHAP	National Emissions Standards for Hazardous Air Pollutant
NVLAP	National Voluntary Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PLM	Polarized Light Microscopy
RACM	Regulated Asbestos-Containing Material
TSI	Thermal System Insulation
USEPA	United States Environmental Protection Agency



Asbestos Survey Report

615 Gardner Street, Joliet, IL

SURVEY SUMMARY

SITE INFORMATION			
FAP Route:	FAI-80 (I-80)	Address:	615 Gardner
County:	Will	City, State, Zip	Joliet, IL 60433
Section:	N/A	Property Type:	Single Family Residential
IDOT Job No.	D-91-204-19	Construction Date:	1898
Parcel No.	1P10193	Building Size:	1,100

ASBESTOS CONTAINING MATERIALS	
Survey Date:	April 18, 2024
Weather Conditions:	56°F, Cloudy
By Whom:	
Firm:	GSG Consultants, Inc
Inspector:	Safdar Azeem
IDPH License No.	100-10351
Results:	
	Number of Material Types Sampled <u>34</u>
	Number of Samples Collected: <u>102</u>
	Number of Materials Tested Positive: <u>3</u>
	Was Friable ACM Found? <u>Yes</u>
	Were Roofing Materials Sampled? <u>Yes</u>
	Are There Unique State or Local Requirements? <u>No</u>
Laboratory Used:	Name: Sterling Labs Address: 2242 W. Harrison Street, Chicago, Illinois NVLAP: 101202-0
Building Access Limitations:	None



Asbestos Survey Report

615 Gardner Street, Joliet, IL

ASBESTOS-CONTAINING MATERIALS (ACM) SURVEY RESULTS:

Parcel No. 1P10193
Residential Property
615 Garder Street, Joliet, Illinois

Table 1 provides a list of the homogeneous building material types that were sampled as part of the asbestos survey and the laboratory testing results.

HA No.	Material Description	Location	Type ⁽¹⁾	Condition	Friable	% Asbestos*	# of Samples	Estimated Quantity ⁽²⁾
1	9"x9" Vinyl Floor Tile, Yellow/Grey Spots, Beige Mastic	Bathroom, 1 st Floor	Misc.	Good	No	ND	3	N/A
2	9"x9" Vinyl Floor Tile, Beige/Brown Spots, Beige Mastic	Bathroom, 1 st Floor	Misc.	Good	No	ND	3	N/A
3	12"x12" Vinyl Floor Tile, Beige/Yellow Spots, Beige Mastic	Back Room, By Exit Door	Misc.	Good	No	ND	3	N/A
4	4"x4" Ceramic Wall Tile, Pink Grout/Mortar	Bathroom, 1 st Floor	Misc.	Good	No	ND	3	N/A
5	1'x1' Ceiling Tile, White	Bedroom and Hall, 1 st Floor	Misc.	Good	No	ND	3	N/A
6	Ceiling, Drywall Paper, Pink	Above 1'x1' Ceiling Tile, Bedroom and Hall, 1 st Floor	Misc.	Good	No	ND	3	N/A
7	Drywall System, White	Throughout	Misc.	Good	No	ND	3	N/A
8	Plaster, Wall, Grey	Basement	Surf.	Significantly Damaged	Yes	ND	3	N/A
9	Linoleum Sheet Flooring, Blue, Brown Backing/Paper	Bedroom, 2 nd Floor	Misc.	Good	No	ND	3	N/A
10	Textured Wall, Grey	Basement	Surf.	Good	No	ND	3	N/A



Asbestos Survey Report

615 Gardner Street, Joliet, IL

HA No.	Material Description	Location	Type ⁽¹⁾	Condition	Friable	% Asbestos*	# of Samples	Estimated Quantity ⁽²⁾
11	Duct Tape, Grey	Basement	TSI	Significantly Damaged	Yes	Chrysotile 10-15%	3	40 LF
12	Fiber Glass, Seal/Wrap Paper	2 nd Floor Attic	TSI	Good	No	ND	3	N/A
13	Window Glazing, Grey	Exterior, South Wall	Misc.	Good	No	Chrysotile 1-5%	3	325 LF (13 Window Systems)
14	Tar Seal, Black	East Wall, Edges Under Siding	Misc.	Significantly Damaged	No	ND	3	N/A
15	Exterior Wall Siding, Brick Pattern/Fibrous	Under All Siding	Misc.	Good	No	ND	3	N/A
16	Tar Paper Siding	Under Exterior Wall Siding	Misc.	Good	No	ND	3	N/A
17	Text Painting, Grey	South Wall	Misc.	Good	No	ND	3	N/A
18	Siding Barrier, Cloth, White	Under Siding	Misc.	Good	No	ND	3	N/A
19	Chimney, Brick/Mortar, Grey	Detached Garage	Misc.	Good	No	ND	3	N/A
20	Window Caulk, Grey	Detached Garage, Skylight Window	Misc.	Significantly Damaged	No	ND	3	N/A
21	Window Glazing, Grey	Detached Garage	Misc.	Significantly Damaged	No	Chrysotile 1-5%	3	100 LF (4 Window Systems)
22	Roof Shingle, White/Black	Detached Garage, Roof	Misc.	Good	No	ND	3	N/A
23	Tar Paper	Detached Garage, Roof	Misc.	Good	No	ND	3	N/A
24	Shingle #1, Black/White	Main Roof, Center	Misc.	Good	No	ND	3	N/A
25	Shingle #2, Black/White	Main Roof, Center	Misc.	Good	No	ND	3	N/A
26	Shingle #3, Red/Brown	Main Roof, Center	Misc.	Good	No	ND	3	N/A
27	Tar Paper, Black	Main Roof, Center	Misc.	Good	No	ND	3	N/A
28	Rubber Membrane, Mastic, Beige	Roof, West Side	Misc.	Good	No	ND	3	N/A



Asbestos Survey Report

615 Gardner Street, Joliet, IL

HA No.	Material Description	Location	Type ⁽¹⁾	Condition	Friable	% Asbestos*	# of Samples	Estimated Quantity ⁽²⁾
29	Shingle, Black/White	Roof, West Side	Misc.	Good	No	ND	3	N/A
30	Tar Paper, Black	Roof, West Side	Misc.	Good	No	ND	3	N/A
31	Rubber Membrane Back, Grey	Roof, East Side	Misc.	Good	No	ND	3	N/A
32	Shingle, Black	Roof, East Side	Misc.	Good	No	ND	3	N/A
33	Tar Paper, Black	Roof, East Side	Misc.	Good	No	ND	3	N/A
34	Tar Seal	Window/Ceiling, 2 nd Floor	Misc.	Good	No	ND	3	N/A
Total Estimated Quantity of ACM								465 LF

(1) TSI= Thermal System Insulation, Surf. = Surfacing Material, and Misc. = Miscellaneous.

(2) Quantities are estimates only, all quantities must be field verified.

1.0 INTRODUCTION

GSG Consultants Inc. (GSG) conducted an Asbestos Survey at Parcel No. 1P10193 located at 615 Gardner Street in Joliet, Illinois. The site is improved with a two-story single-family house and a detached garage. The house was constructed in 1898 and is approximately 1,100 square feet in size with an unfinished basement and asphalt shingled roof. Interior walls and ceilings are drywall and plaster. The floors are wood and covered with floor tile. The building exterior is sheathed wood siding.

GSG conducted the asbestos survey to satisfy requirements of the United States Environmental Protection Agency (USEPA) regulations under 40 CFR Part 61, Subpart M of the National Emission Standards for Hazardous Air Pollutants (NESHAP) and applicable state and local regulations. This was accomplished by conducting a visual inspection of the structures to be impacted by the planned demolition and collecting samples of suspect ACM based on these observations.

The results, findings, conclusions, and recommendations expressed in this report are based on conditions observed during GSG's survey of the project area. The information contained in this report represents conditions at the time of the survey and may not accurately represent conditions at a later date. The conclusions in this report are based on conditions observed in accessible areas of the project area. The possibility exists that suspect hazardous building materials or conditions may exist within wall cavities, voids, or other areas hidden from view which were not observed and cannot be ruled out. Any additional potential hazardous building materials encountered that will be disturbed during the demolition activities and that differ from the materials assessed during this survey, were hidden from view, or were located in an area not accessible will require further sampling and analysis prior to disturbance. The estimated quantities provided herein should be considered approximate and are accurate to the extent allowable under the terms and conditions of our contract. This report has been prepared with generally accepted industry practices and procedures. No other warranty, either expressed or implied, is made.

The investigation did not include access or inspection of confined spaces, underground piping, conduits, and building footings, if any. Materials associated with electrical components and energized equipment were not safely accessible and were not sampled.

2.0 SURVEY METHODOLOGY

The asbestos survey was conducted in compliance with the United States Environmental Protection Agency (USEPA) National Emissions Standards for Hazardous Air Pollutants (NESHAPs), applicable State of Illinois and local asbestos regulations. NESHAP regulations defined regulated asbestos-containing material (RACM) as a friable asbestos material, a Category I non-friable ACM that has become friable, a Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces acting on it during demolition or renovation. The materials were then classified with regard to whether they are friable or non-friable and classified as Class I or Class II non-friable materials, using the following definitions.

- **Friable:** NESHAP defines a friable ACM as any material containing more than one percent (1%) asbestos, which, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure, and includes previously non-friable material where previously non-friable material becomes damaged to the extent that it may be crumbled, pulverized, or reduced to powder by hand pressure.
- **Category I Non-friable ACM:** NESHAP defines a Category I non-friable ACM as packing, gaskets, resilient floor covering (except vinyl sheet flooring products that are considered friable), and asphalt roofing products that contain more than one (1) percent asbestos as determined using the method specified in **Appendix A**, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy
- **Category II Non-friable ACM:** means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos as determined using the methods specified in **Appendix A**, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

The survey consisted of three major activities: visual inspection, sampling, and quantification of building materials. A brief description of each of the above elements is provided in the following sections.

2.1 Visual Inspection

The inspector conducted an initial building walkthrough to determine the presence and condition of suspect asbestos-containing materials (ACMs) that were accessible and/or exposed. The survey consisted of accessing accessible areas of the buildings to identify and quantify regulated RACM. The inspector identified homogeneous areas (HA) comprised of building materials that appear similar throughout in terms of color and texture and assumed date of installation. Materials that were similar in general appearance were grouped into homogeneous sampling areas. Following the EPA inspection protocol, each identified suspect homogeneous material was placed in one of the following EPA classifications:

1. Surfacing Materials (spray or trowel applied to building members)
2. Thermal System Insulation (materials generally applied to various mechanical systems)
3. Miscellaneous Materials (any materials which do not fit either of the above categories)

Each identified suspect homogeneous material was placed in one of the following EPA classifications:

2.2 Sampling procedures

The asbestos inspector collected a representative number of samples from each HA. Building materials identified as concrete (not including cement panels or pipe and soft concrete), glass (including fiberglass), wood, masonry, metal, and plastic are not considered suspect ACM and were not sampled. The survey included destructive, intrusive, and/or exploratory testing unless specifically prohibited by IDOT. Destructive sampling is performed to identify materials that are concealed or obstructed. Concealed or obstructed areas include but are not limited to wall cavities, pipe chases, spaces above fixed ceilings, materials located under carpeting or subfloors, and ceramic tile grout/adhesive. Bulk samples of suspect ACM were collected in general accordance with Asbestos Hazard Emergency Response Act (AHERA) sampling protocols, based on the results of the visual observation. Random samples of suspect materials were collected of each HA.

A total of 102 bulk samples of suspect ACM, three (3) samples for each of the 34 homogeneous areas, were collected from various homogeneous areas of the buildings. Bulk samples were collected from the following materials/homogeneous area(s):

- 9"x9" Vinyl Floor Tile, Yellow/Grey Spots with Beige Mastic
- 9"x9" Vinyl Floor Tile, Beige/Brown Spots with Beige Mastic
- 12"x12" Vinyl Floor Tile, Yellow/Beige Spots with Beige Mastic
- 4"x4" Ceramic Wall Tile, Pink, with Grout and Mortar
- 1'x1' Ceiling Tile, White
- Drywall/Paper, Pink (Above Drywall)
- Drywall System, White
- Plaster, Grey
- Linoleum Sheet Flooring, Blue
- Textured Wall, Grey
- Duct Tape, Grey (HVAC Ducts)
- Fiber Glass Seal/Wrap Paper
- Exterior Window Glazing, Grey
- Exterior Tar Seal, Black (Under Siding)
- Exterior Wall Siding, Brick Pattern
- Exterior Tar Paper Siding (Under Brick Pattern Siding)
- Exterior Textured Paint, Grey
- Exterior Siding Barrier Cloth, White (Under Siding)
- Detached Garage Chimney Brick/Mortar, Grey
- Detached Garage Window Caulk, Grey
- Detached Garage Window Glazing, Grey
- Detached Garage Roof Shingle, White/Black
- Detached Garage Roof Tar Paper, Black
- Main Roof (Center) Shingle #1, Black/White

- Main Roof (Center) Shingle #2, Black/White
- Main Roof (Center) Shingle #3, Red/Brown
- Main Roof (Center) Tar Paper, Black
- Main Roof (West) Rubber Membrane & Mastic, Beige
- Main Roof (West) Shingle, Black/White
- Main Roof (West) Tar Paper, Black
- Main Roof (East) Rubber Membrane & Mastic, Black/Grey
- Main Roof (East) Shingle, Black
- Main Roof (East) Tar Paper, Black
- Tar Seal (Window/Ceiling), Black

Exhibit 1, Suspect ACM Sample Location, shows the approximate locations of the suspect ACM collected during the field survey. Samples were placed in new sealable containers and labeled with unique sample numbers using an indelible marker. All non-disposable sampling equipment was wet-wiped and cleaned before and after each use. Bulk material samples were collected in 4-milliliter plastic bags, and tightly sealed for transport to the laboratory. Bulk samples were submitted under a chain-of-custody (COC) protocol to Sterling Labs in Chicago, Illinois.

2.3 Quantification

The inspector estimated the quantities of accessible and/or exposed materials that were suspected of containing asbestos using a measuring wheel and/or visual estimation. Actual quantities may differ between visually estimated values and physical measurements. The asbestos abatement contractor is responsible for verifying reported quantities of ACM.

3.0 ANALYTICAL RESULTS

3.1 Testing Procedures

Sterling Lab analyzed the bulk samples using polarized light microscopy (PLM) method with dispersion staining techniques per USEPA methodology “Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, July 1993”. This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displays which enable mineral identification. It should be noted that some ACM may not be accurately identified and/or quantified by PLM. The percentage of asbestos applicable was determined by microscopic visual estimation. Sterling analyzed each layer of each sample, which means if multiple layers are detected in the same sample (i.e., roof field), each layer was analyzed, and a separate result was provided for each layer. If any of the sample results from a homogeneous group had a positive result, that homogeneous group was considered to be ACM. Sterling Labs is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Accreditation Number 101202-0). Refer to **Appendix E** for laboratory accreditations.

It should be noted that some ACMs might not be accurately identified and/or quantified by PLM. As an example, the original fabrication of vinyl floor tiles routinely involved milling of asbestos fibers to extremely small sizes. As a result, these fibers may go undetected under the standard PLM methods. Transmission Electron Microscopy (TEM) is required for a more definitive analysis of these materials. This survey revealed the presence of floor tiles with less than 1% asbestos via PLM analysis. GSG recommends additional analysis by TEM as described above and recommended by the Illinois Department of Public Health.

3.2 Findings

GSG identified a total of 34 HAs from which 102 samples were collected and analyzed. Results are summarized in **Table 1** and include a description of each material, location, material type, test results, and estimated quantity. Materials indicated to have a “negative” result were confirmed by PLM analysis to be non-asbestos-containing. The laboratory results are provided in **Appendix A** and reference photographs are included in **Appendix B**. The USEPA defines ACM as a material containing greater than 1% asbestos. Materials containing less than 1% asbestos are not regulated by the USEPA or the State of Illinois, but their disturbance is regulated by OSHA.

The following **HAs were confirmed** to be **ACMs**:

- HA-11: Grey Duct Tape, located in the basement;
- HA-13: Grey Window Glazing, located on the exterior of the main building; and
- HA-21: Grey Window Glazing, located on the exterior of the garage.

The laboratory reported that asbestos was Not Detected (ND) in the remaining bulk samples collected by GSG. **Exhibit 2, ACM Location**, shows the approximate locations of ACMs present in the building.

4.0 RECOMMENDATIONS

GSG understands that the residential property will be demolished as part of the I-80 improvement project. ACMs identified at the site must be removed/managed in accordance with all federal, state, and local regulations governing asbestos. ACMs abatement and management are subject to the US Environmental Protection Agency (USEPA), the Occupational and Health Administration (OSHA), Illinois Department of Public Health (IDPH), the Illinois Environmental Protection Agency (Illinois EPA), and other applicable Federal, State, and Local Government regulations. The following regulations governing asbestos removal and disposal:

1. U.S. Environmental Protection Agency Regional National Emissions Standards for Hazardous Air Pollutants (NESHAP) (40 CFR Part 61 Subpart A and M).
2. U.S. Department of Transportation "Hazardous Substances Final Rule" 49 CFR 171 and 172, November 21, 1986, February 17, 1987.
3. U.S. Department of Labor Occupational Safety and Health Administration (OSHA) Asbestos Regulations (Code of Federal Regulations Title 29, Part 1910, Section 1910.1001 and Part 1926, Section 1926.1101).
4. State of Illinois, Commercial and Public Building Asbestos Abatement Act. Illinois Department of Public Health, Rules for Asbestos Abatement for Public and Private Schools and Commercial and Public Buildings in Illinois (77 IL Admin. Code 855).

All friable asbestos-containing building materials (ACBMs) identified shall be removed from any building(s) or other structures before demolition. Non-friable ACMs may be left in place, unless during demolition, the ACMs may become friable. If other suspect materials not referenced in this survey report, within or on the outside of the buildings, are identified, not listed in **Table 1**, such materials shall be assumed ACMs until the materials are inspected by a licensed asbestos inspector, sampled, and submitted for laboratory analysis. As the floor tile identified as asbestos containing is a Category I non-friable material which is not likely to become friable during demolition, it does not need to be removed prior to demolition.

GSG recommends the preparation of an asbestos abatement project design before any demolition. An asbestos abatement design plan and specifications should include information regarding the location of containments and barriers, type of sealant, and air sampling requirements and clearance during the asbestos abatement activities. The asbestos design plan and specifications shall be prepared and signed by an IDPH licensed asbestos project designer following Illinois regulations. Before starting any abatement activities, An Asbestos Abatement notification is required for all asbestos projects and must be applied for at least ten (10) working days before the start of the project. A building demolition notification is required for all demolition projects and must be applied for at least ten (10) working days before the start of the project.

Abatement and Emergency Response shall be conducted only by IDPH licensed asbestos abatement contractor(s) under the supervision of a licensed asbestos project manager in accordance with all applicable federal, state, and local regulations. Workers who abate or manage asbestos must receive the proper training and licensing. OSHA prescribes required personnel monitoring including air monitoring and medical monitoring (ref 29 CFR 1926.1101). Personnel protective equipment and procedures are also required.



All asbestos waste generated from the required pre-demolition removal activities during the project must be wetted before it is double bagged in 6-millimeter plastic bags and enclosed in a plastic, leak-tight container with a lid and proper labeling. Discharge no visible emissions to the outside air during the collection, processing, packaging, or transporting of any asbestos-containing waste material. Asbestos waste is a “special waste” in Illinois. Asbestos-containing waste can only be disposed of in Subtitle D landfills that are designated to receive asbestos waste.

5.0 ABATEMENT COST ESTIMATE

GSG was tasked to include an estimate of costs to complete abatement of asbestos materials identified in this survey. Cost estimates are provided in **Appendix C**.

The cost estimates are based on our recent experience with quotes from abatement contractors performing work in this locale and are estimates only. Different projects and clients have different requirements, and this can result in changes to estimated costs.

Because of the hidden nature of many building components, it may be impossible to determine if all building components have been located and subsequently tested. Destructive testing in some instances is not a viable option. GSG does not, therefore, guarantee that all potential asbestos containing materials have been located. For the same reasons, estimates of quantities are subject to readily apparent situations. We do warrant, however, that the investigations and methodology reflect our best efforts based upon prevailing local standard of care in the environmental field.

6.0 LIMITATIONS

This report has been prepared for the exclusive use of the Illinois Department of Transportation (IDOT) and its Design Section Engineer consultant. GSG warrants that the investigations and methodology reflect our best efforts based upon the prevailing standard of care in the environmental field. This assessment was limited to those materials which were readily visible and with limited demolition and removal of building components. Additional suspect materials may be located behind walls and ceilings. The survey is subject to the following limitations.

- The investigation did not include sampling on any system which may present a hazard to the inspection team such as energized electrical systems or within confined spaces
- Materials associated with electrical components and energized equipment were not safely accessible and were not sampled.
- Estimated quantities of the ACMs are based on observations during the field survey and additional materials may be concealed or were not accessible. Therefore, all estimated quantities shall be field verified by the abatement contractor.

7.0 CERTIFICATION

The undersigned hereby affirm that the conditions described herein are accurate to the best of our knowledge and belief and are subject to the limitations inherent in the investigative techniques used and any expressed limitations of this survey. Applicable licensing to perform the described survey activities was valid at the time of performance of services in accordance with applicable federal, state and local laws, rules, and regulations.

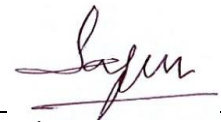
Inspection Performed By:

Safdar Azeem

Asbestos Inspector's Name

100-10351

IDPH License Number



Asbestos Inspector's Signature

5.9.2024

Date

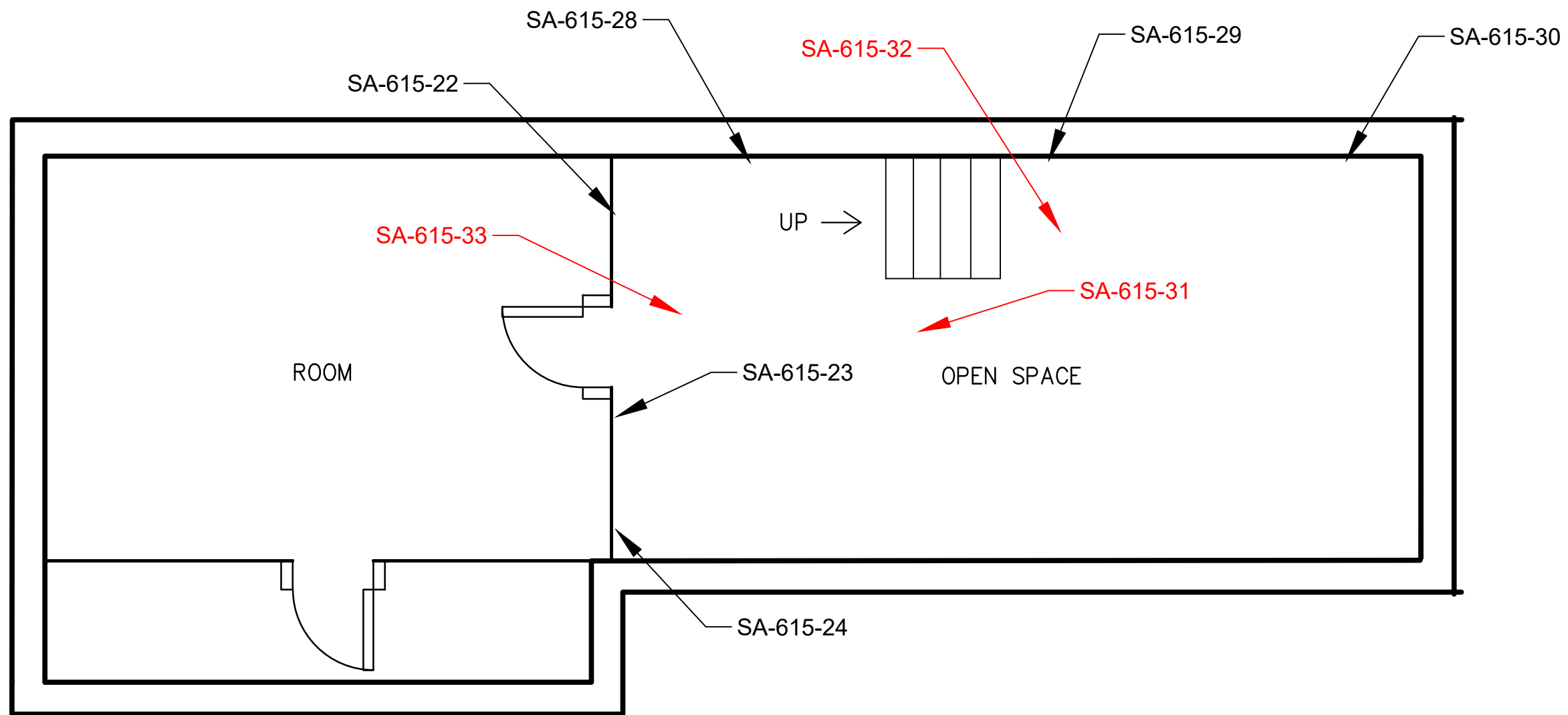
EXHIBITS

Exhibit 1 **Suspect ACM Sample Location Plans**

Exhibit 2 **Asbestos-Containing Materials Location Plans**

EXHIBIT 1

**SL-1, SL-2, SL-3, and SL-4
Suspect ACM Sample Location Plans**



BASEMENT
SCALE = N.T.S.



LEGEND

SUSPECT ACM SAMPLE LOCATIONS: SA-615-XX
 BATCH NUMBER: 370521
 RED SAMPLES TESTED POSITIVE FOR ASBESTOS

SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

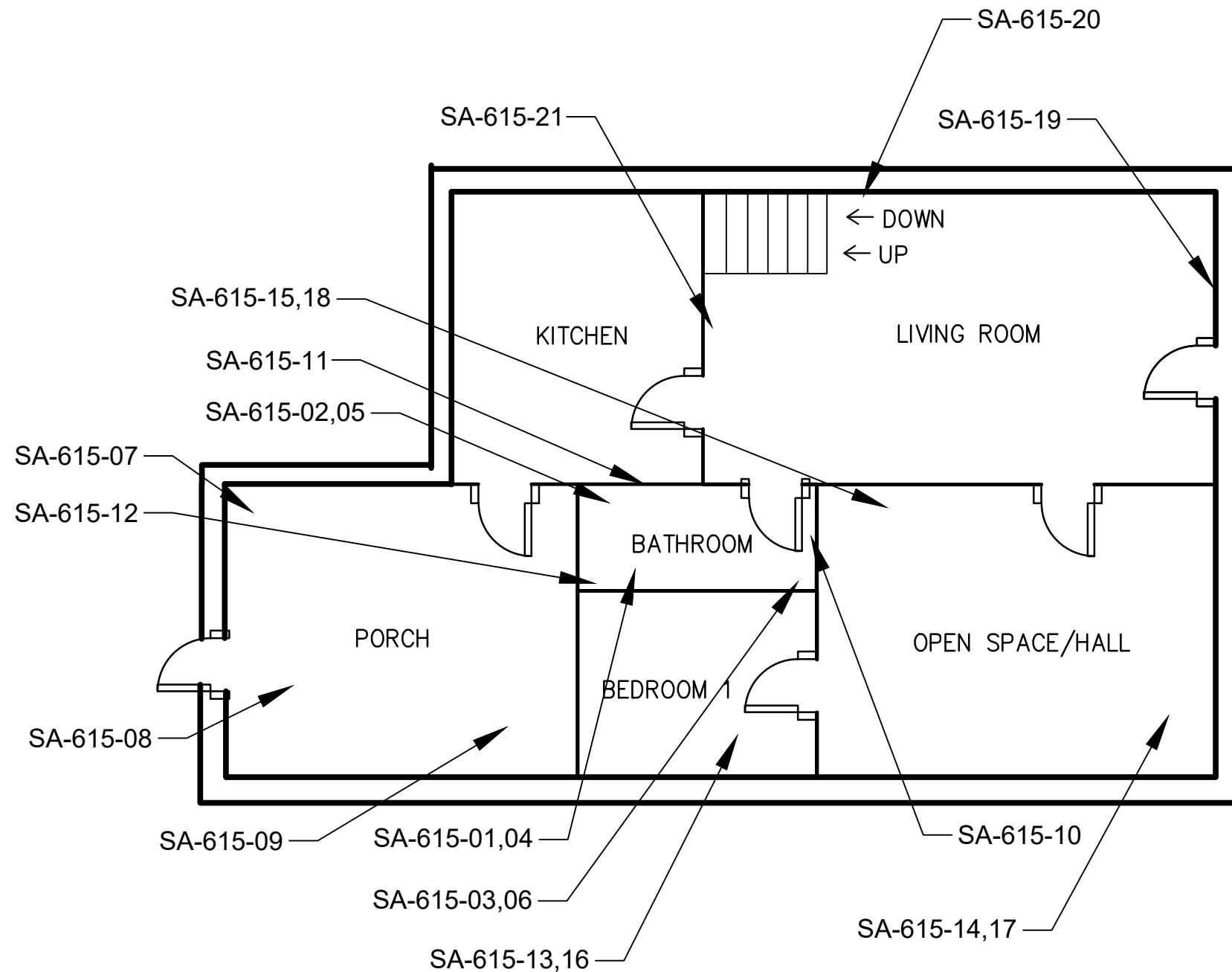
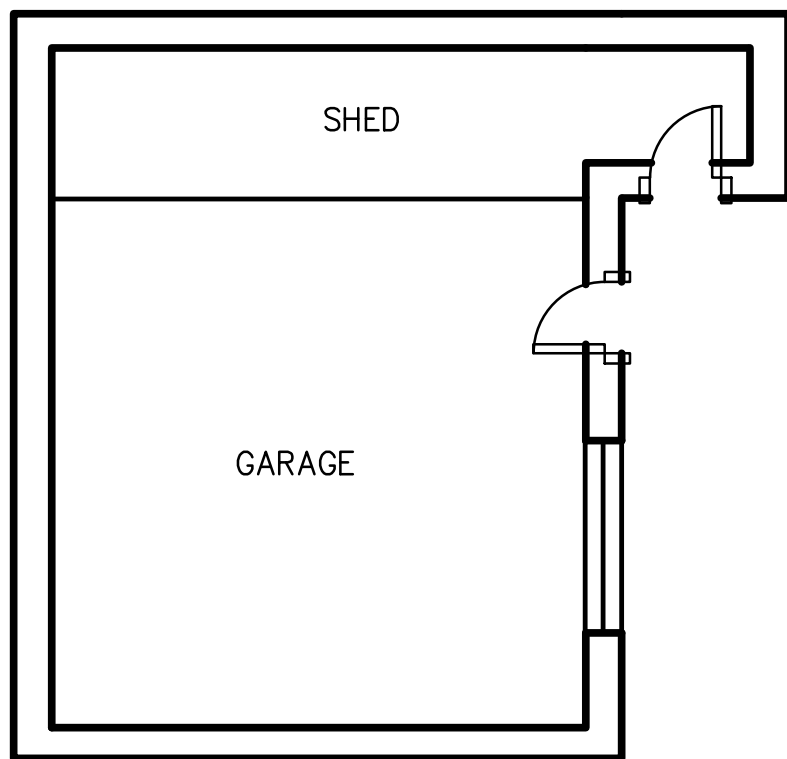
ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
 615 GARDNER STREET
 JOLIET, IL, 60433



DRAWN BY:	PROJECT:
EA	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
04/24/2024	1 OF 4

SHEET NAME:

SL-1



LEGEND

SUSPECT ACM SAMPLE LOCATIONS: SA-615-XX

BATCH NUMBER: 370521

RED SAMPLES TESTED POSITIVE FOR ASBESTOS

FIRST FLOOR
SCALE = N.T.S.



SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
615 GARDNER STREET
JOLIET, IL, 60433



DRAWN BY:	PROJECT:
EA	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
04/24/2024	2 OF 4
SHEET NAME:	

SL-2

SA-615-99,100,101

SA-615-34,35,36 (ATTIC)

SA-615-26

SA-615-25

BATHROOM

BEDROOM 2

DOWN

SA-615-27

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: SA-615-XX

BATCH NUMBER: 370521

RED SAMPLES TESTED POSITIVE FOR ASBESTOS

SECOND FLOOR

SCALE = N.T.S.



SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

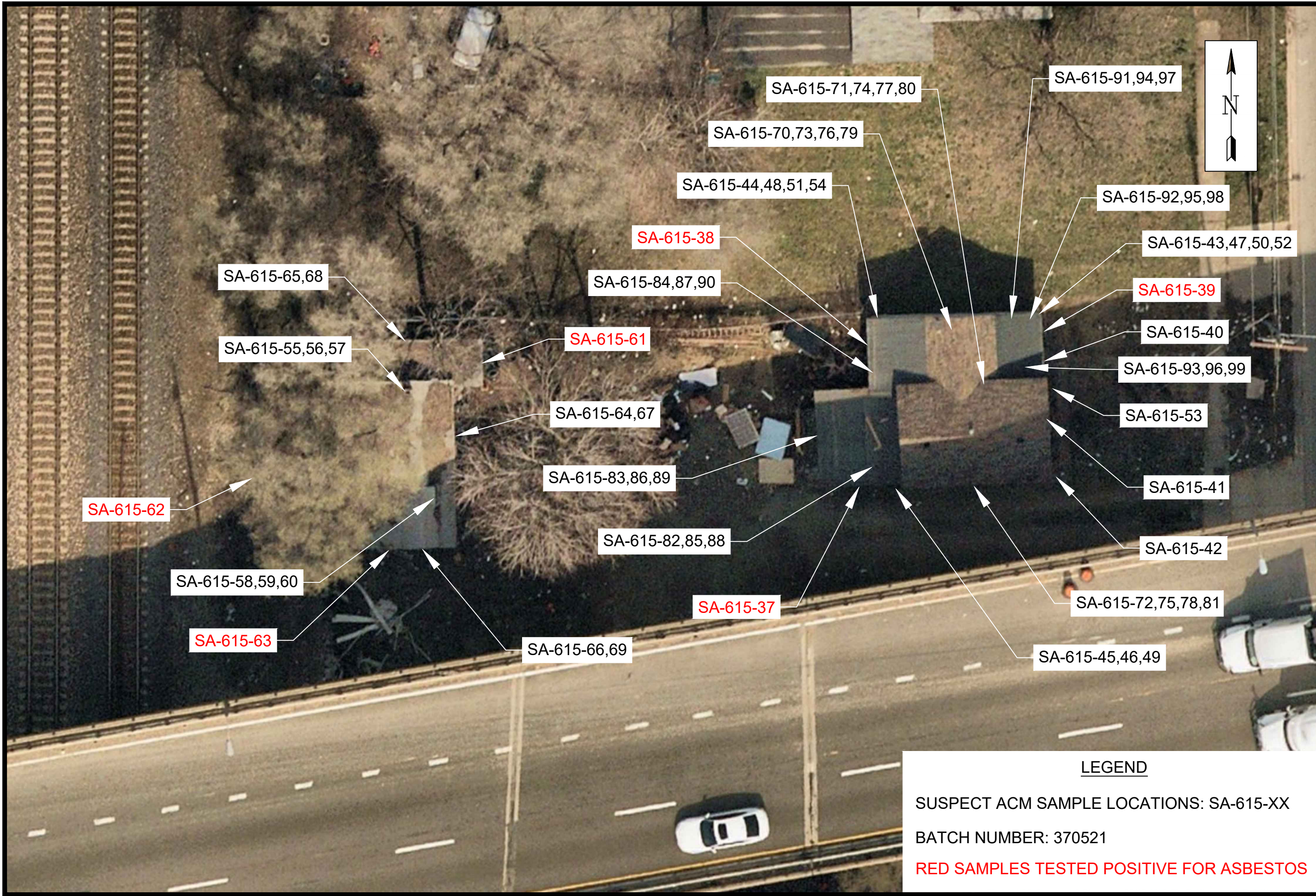
ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
615 GARDNER STREET
JOLIET, IL, 60433



DRAWN BY:	PROJECT:
EA	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
04/24/2024	3 OF 4

SHEET NAME:


SL-3



SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
 615 GARDNER STREET
 JOLIET, IL, 60433

GSG CONSULTANTS, INC.
 100 WEST WASHINGTON ST., SUITE 1000, JOLIET, IL 60433
 TEL: 815-725-1000 FAX: 815-725-1001
 ILLINOIS PROFESSIONAL DESIGN FRM# 184-020002



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EA	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
04/24/2024	4 OF 4
SHEET NAME:	

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: SA-615-XX

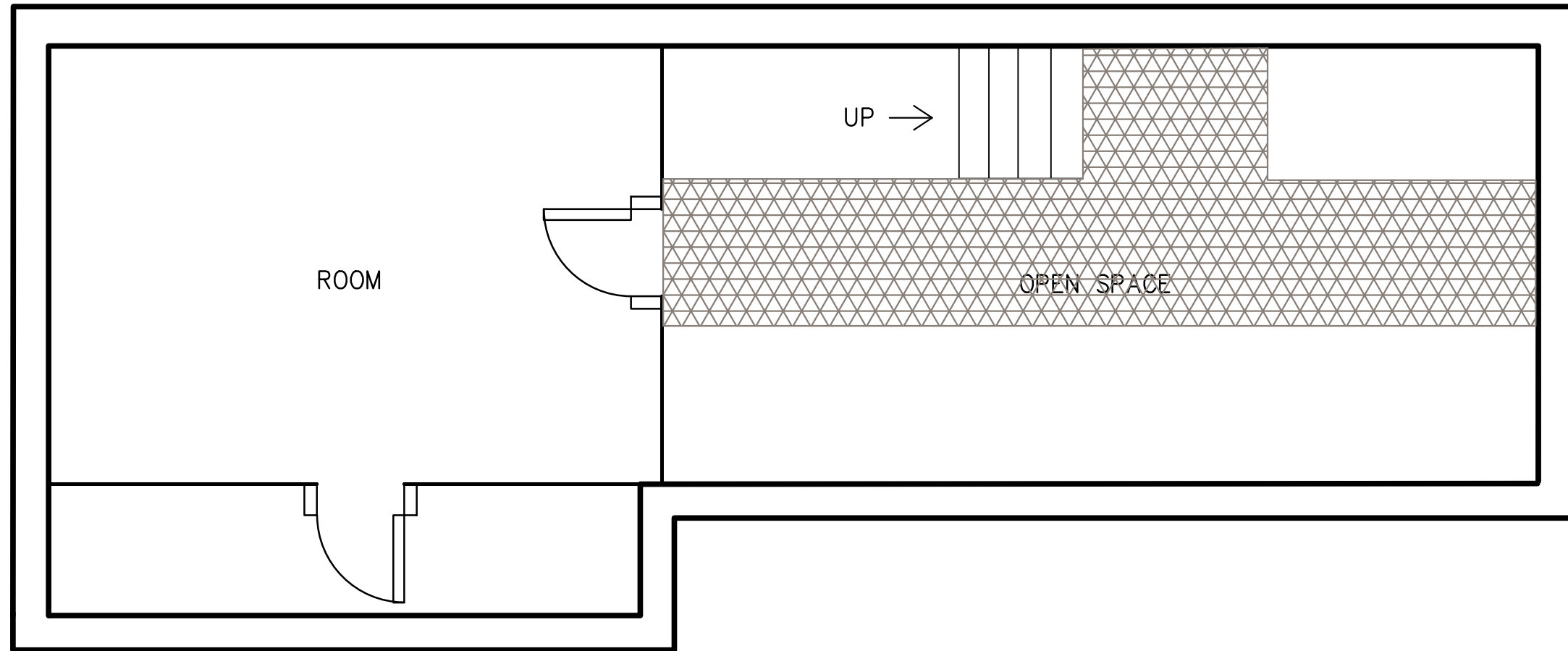
BATCH NUMBER: 370521

RED SAMPLES TESTED POSITIVE FOR ASBESTOS

SL-4

EXHIBIT 2

ACM-1, ACM-2, and ACM-3 ACM Location Plans



BASEMENT
SCALE = N.T.S.



LEGEND

LOCATIONS OF ASBESTOS-CONTAINING MATERIALS

 DUCT TAPE

ASBESTOS-CONTAINING MATERIALS LOCATION PLAN

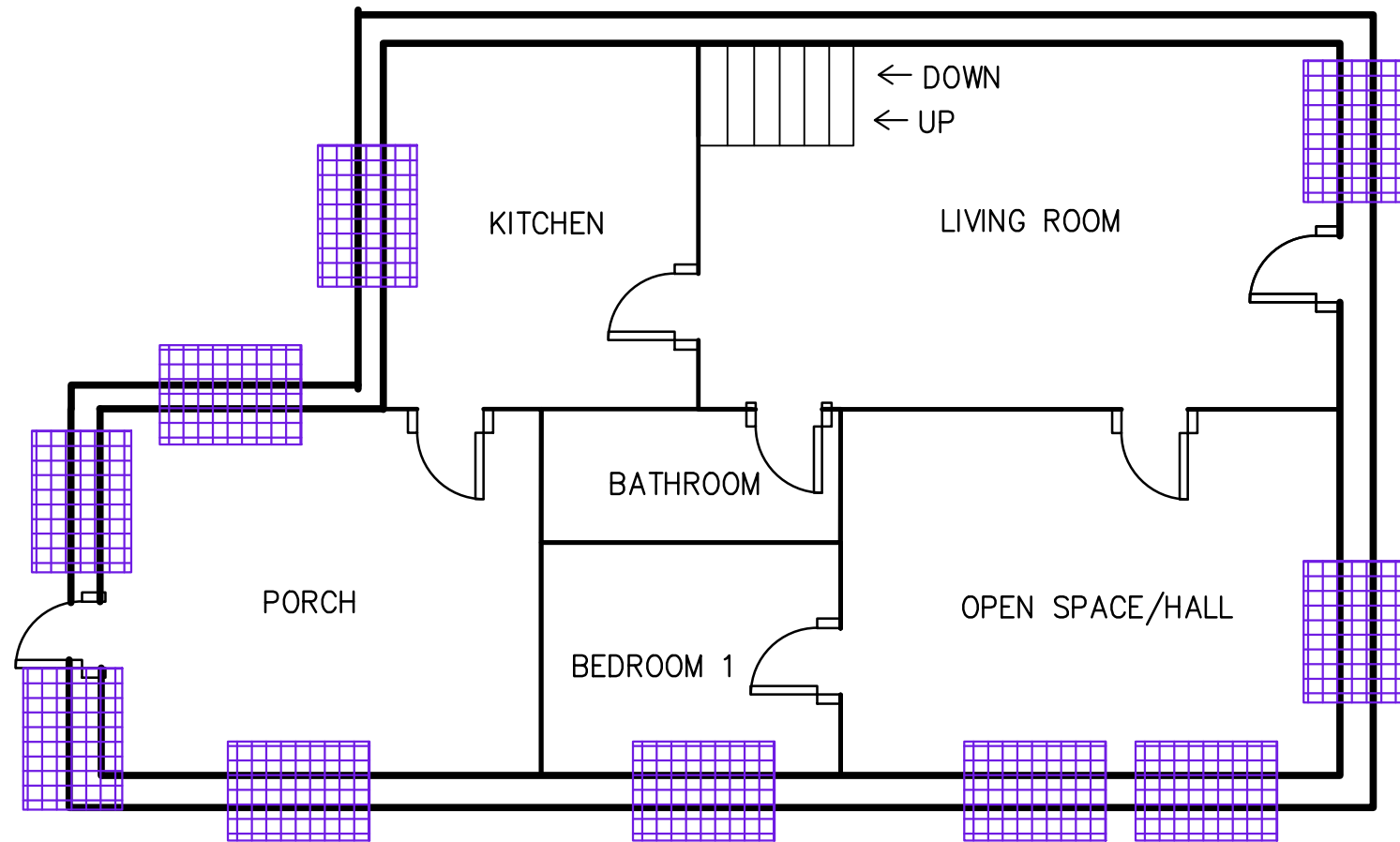
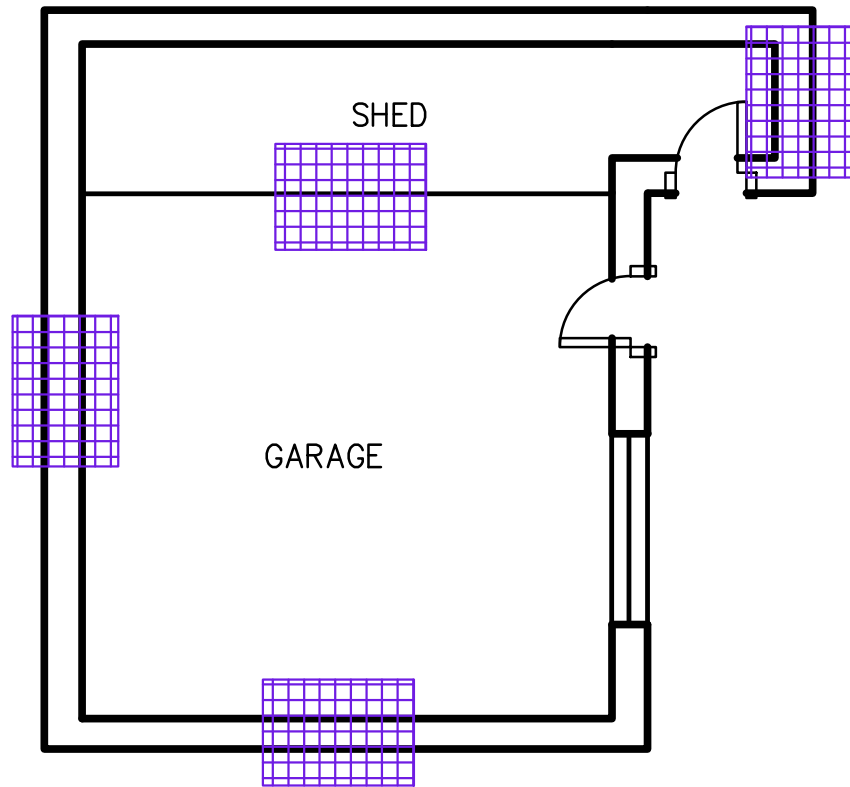
ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
615 GARDNER STREET
JOLIET, IL, 60433



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TC	NTS
DATE:	SHEET #:
04/24/2024	1 OF 3

SHEET NAME:

ACM-1



FIRST FLOOR
SCALE = N.T.S.



LEGEND
LOCATIONS OF ASBESTOS-CONTAINING MATERIALS

 EXTERIOR WINDOW GLAZING

ASBESTOS-CONTAINING MATERIALS LOCATION PLAN

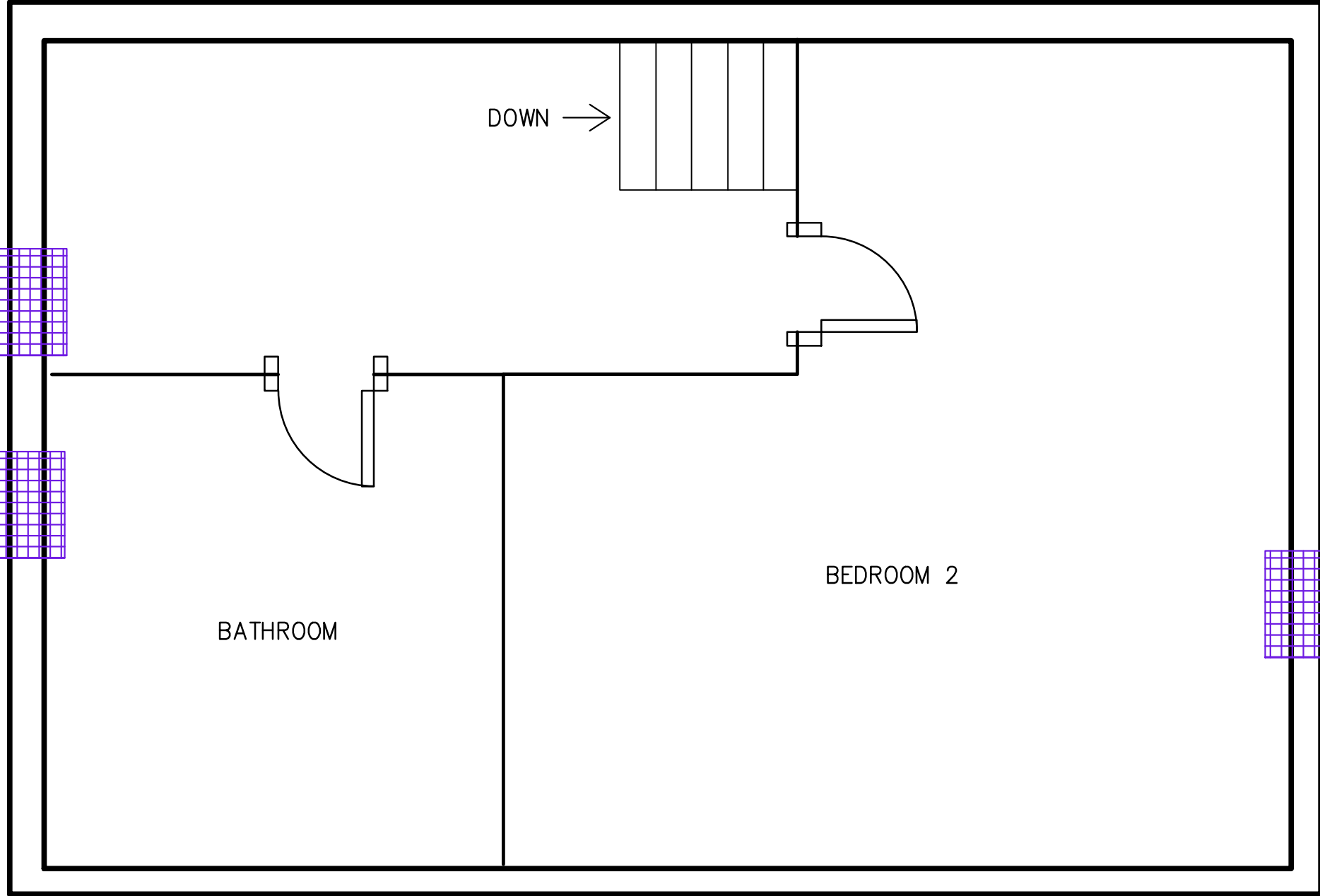
ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
615 GARDNER STREET
JOLIET, IL, 60433



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EA	21-2007
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TC	NTS
DATE:	SHEET #:
04/24/2024	2 OF 3

SHEET NAME:

ACM-2



SECOND FLOOR
SCALE = N.T.S.



LEGEND

LOCATIONS OF ASBESTOS-CONTAINING MATERIALS

 EXTERIOR WINDOW GLAZING

ASBESTOS-CONTAINING MATERIALS LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
615 GARDNER STREET
JOLIET, IL, 60433



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EA	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
04/24/2024	3 OF 3

SHEET NAME:

ACM-3

APPENDIX A

Analytical Testing Results

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

GSG Consultants, Inc.
 735 Remington Road
 Schaumburg, IL 60173
 Phone: (630) 994-2600
 Fax: (312) 733-5612

Reference: 21-2007
 Location: IDOT; I-80 Improvement 615 Gardner St
 Batch No.: 370521
 Customer No.: 4651

Date Received: 04/25/2024
 Date Analyzed: 04/26/2024
 Date Reported: 04/26/2024
 Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521001	SA-615-1	ND	Cellulose 1-5% Binder 95-99%
370521002	SA-615-2	ND	Cellulose 1-5% Binder 95-99%
370521003	SA-615-3	ND	Cellulose 1-5% Binder 95-99%
370521004	SA-615-1M	ND	Cellulose 1-5% Binder 95-99%
370521005	SA-615-2M	ND	Cellulose 1-5% Binder 95-99%
370521006	SA-615-3M	ND	Cellulose 1-5% Binder 95-99%
370521007	SA-615-4	ND	Cellulose 1-5% Binder 95-99%
370521008	SA-615-5	ND	Cellulose 1-5% Binder 95-99%
370521009	SA-615-6	ND	Cellulose 1-5% Binder 95-99%
370521010	SA-615-4M	ND	Cellulose 1-5% Binder 95-99%

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Analyzed by Name :



ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

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 Schaumburg, IL 60173
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 Fax: (312) 733-5612

Reference: 21-2007

Date Received: 04/25/2024

Location: IDOT; I-80 Improvement 615 Gardner St

Date Analyzed: 04/26/2024

Batch No.: 370521

Date Reported: 04/26/2024

Customer No.: 4651

Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521011	SA-615-5M	ND	Cellulose 1-5% Binder 95-99%
370521012	SA-615-6M	ND	Cellulose 1-5% Binder 95-99%
370521013	SA-615-7	ND	Cellulose 1-5% Binder 95-99%
370521014	SA-615-8	ND	Cellulose 1-5% Binder 95-99%
370521015	SA-615-9	ND	Cellulose 1-5% Binder 95-99%
370521016	SA-615-7M	ND	Cellulose 1-5% Binder 95-99%
370521017	SA-615-8M	ND	Cellulose 1-5% Binder 95-99%
370521018	SA-615-9M	ND	Cellulose 1-5% Binder 95-99%
370521019	SA-615-10	ND	Cellulose 1-5% Binder 95-99%
370521020	SA-615-11	ND	Cellulose 1-5% Binder 95-99%


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Analyzed by Name :


 Daniel Mikos / Microscopist



Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com



NVLAP Lab Code 101202-0

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173
Phone: (630) 994-2600
Fax: (312) 733-5612

Reference:	21-2007	Date Received:	04/25/2024
Location:	IDOT; I-80 Improvement 615 Gardner St	Date Analyzed:	04/26/2024
Batch No.:	370521	Date Reported:	04/26/2024
Customer No.:	4651	Turn Around Time:	1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521021	SA-615-12	ND	Cellulose 1-5% Binder 95-99%
370521022	SA-615-10G	ND	Cellulose 1-5% Binder 95-99%
370521023	SA-615-11G	ND	Cellulose 1-5% Binder 95-99%
370521024	SA-615-12G	ND	Cellulose 1-5% Binder 95-99%
370521025	SA-615-10M	ND	Cellulose 1-5% Binder 95-99%
370521026	SA-615-11M	ND	Cellulose 1-5% Binder 95-99%
370521027	SA-615-12M	ND	Cellulose 1-5% Binder 95-99%
370521028	SA-615-13	ND	Cellulose 80-85% Binder 15-20%
370521029	SA-615-14	ND	Cellulose 80-85% Binder 15-20%
370521030	SA-615-15	ND	Cellulose 80-85% Binder 15-20%

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 735 Remington Road
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 Phone: (630) 994-2600
 Fax: (312) 733-5612

Reference: 21-2007
 Location: IDOT; I-80 Improvement 615 Gardner St
 Batch No.: 370521
 Customer No.: 4651

Date Received: 04/25/2024
 Date Analyzed: 04/26/2024
 Date Reported: 04/26/2024
 Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521031	SA-615-16	ND	Cellulose 1-5% Binder 95-99%
370521032	SA-615-17	ND	Cellulose 1-5% Binder 95-99%
370521033	SA-615-18	ND	Cellulose 1-5% Binder 95-99%
370521034	SA-615-19	ND	Cellulose 10-15% Binder 85-90%
370521035	SA-615-20	ND	Cellulose 10-15% Binder 85-90%
370521036	SA-615-21	ND	Cellulose 10-15% Binder 85-90%
370521037	SA-615-22	ND	Cellulose 1-5% Binder 95-99%
370521038	SA-615-23	ND	Cellulose 1-5% Binder 95-99%
370521039	SA-615-24	ND	Cellulose 1-5% Binder 95-99%
370521040	SA-615-25	ND	Cellulose 15-20% Binder 80-85%

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 Fax: (312) 733-5612

Reference: 21-2007

Location: IDOT; I-80 Improvement 615 Gardner St

Batch No.: 370521

Customer No.: 4651

Date Received: 04/25/2024

Date Analyzed: 04/26/2024

Date Reported: 04/26/2024

Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521041	SA-615-26	ND	Cellulose 15-20% Binder 80-85%
370521042	SA-615-27	ND	Cellulose 15-20% Binder 80-85%
370521043	SA-615-28	ND	Cellulose 1-5% Binder 95-99%
370521044	SA-615-29	ND	Cellulose 1-5% Binder 95-99%
370521045	SA-615-30	ND	Cellulose 1-5% Binder 95-99%
370521046	SA-615-31	Chrysotile 10-15%	Binder 85-90%
370521047	SA-615-32	NA	
370521048	SA-615-33	NA	
370521049	SA-615-34	ND	Cellulose 80-85% Binder 15-20%
370521050	SA-615-35	ND	Cellulose 80-85% Binder 15-20%
370521051	SA-615-36	ND	Cellulose 80-85% Binder 15-20%
370521052	SA-615-37	Chrysotile 1-5%	Binder 95-99%

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Location: IDOT; I-80 Improvement 615 Gardner St

Batch No.: 370521

Customer No.: 4651

Date Received: 04/25/2024

Date Analyzed: 04/26/2024

Date Reported: 04/26/2024

Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521053	SA-615-38	NA	
370521054	SA-615-39	NA	
370521055	SA-615-40	ND	Cellulose 10-15% Binder 85-90%
370521056	SA-615-41	ND	Cellulose 10-15% Binder 85-90%
370521057	SA-615-42	ND	Cellulose 10-15% Binder 85-90%
370521058	SA-615-43	ND	Cellulose 10-15% Binder 85-90%
370521059	SA-615-44	ND	Cellulose 10-15% Binder 85-90%
370521060	SA-615-45	ND	Cellulose 10-15% Binder 85-90%
370521061	SA-615-46	ND	Cellulose 35-40% Binder 60-65%
370521062	SA-615-47	ND	Cellulose 35-40% Binder 60-65%
370521063	SA-615-48	ND	Cellulose 35-40% Binder 60-65%


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Analyzed by Name :


 Daniel Mikos / Microscopist

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Method: EPA/600/R-93/116

GSG Consultants, Inc.
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 Schaumburg, IL 60173
 Phone: (630) 994-2600
 Fax: (312) 733-5612

Reference: 21-2007

Date Received: 04/25/2024

Location: IDOT; I-80 Improvement 615 Gardner St

Date Analyzed: 04/26/2024

Batch No.: 370521

Date Reported: 04/26/2024

Customer No.: 4651

Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521064	SA-615-49	ND	Cellulose 1-5% Binder 95-99%
370521065	SA-615-50	ND	Cellulose 1-5% Binder 95-99%
370521066	SA-615-51	ND	Cellulose 1-5% Binder 95-99%
370521067	SA-615-52	ND	Cellulose 80-85% Binder 15-20%
370521068	SA-615-53	ND	Cellulose 80-85% Binder 15-20%
370521069	SA-615-54	ND	Cellulose 80-85% Binder 15-20%
370521070	SA-615-55	ND	Cellulose 1-5% Binder 95-99%
370521071	SA-615-56	ND	Cellulose 1-5% Binder 95-99%
370521072	SA-615-57	ND	Cellulose 1-5% Binder 95-99%
370521073	SA-615-55G	ND	Cellulose 1-5% Binder 95-99%

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Reference: 21-2007

Location: IDOT; I-80 Improvement 615 Gardner St

Batch No.: 370521

Customer No.: 4651

Date Received: 04/25/2024

Date Analyzed: 04/26/2024

Date Reported: 04/26/2024

Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521074	SA-615-56G	ND	Cellulose 1-5% Binder 95-99%
370521075	SA-615-57G	ND	Cellulose 1-5% Binder 95-99%
370521076	SA-615-55M	ND	Cellulose 1-5% Binder 95-99%
370521077	SA-615-56M	ND	Cellulose 1-5% Binder 95-99%
370521078	SA-615-57M	ND	Cellulose 1-5% Binder 95-99%
370521079	SA-615-58	ND	Cellulose 1-5% Binder 95-99%
370521080	SA-615-59	ND	Cellulose 1-5% Binder 95-99%
370521081	SA-615-60	ND	Cellulose 1-5% Binder 95-99%
370521082	SA-615-61	Chrysotile 1-5%	Binder 95-99%
370521083	SA-615-62	NA	
370521084	SA-615-63	NA	

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Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521085	SA-615-64	ND	Binder 85-90% Glass 10-15%
370521086	SA-615-65	ND	Binder 85-90% Glass 10-15%
370521087	SA-615-66	ND	Binder 85-90% Glass 10-15%
370521088	SA-615-67	ND	Cellulose 35-40% Binder 60-65%
370521089	SA-615-68	ND	Cellulose 35-40% Binder 60-65%
370521090	SA-615-69	ND	Cellulose 35-40% Binder 60-65%
370521091	SA-615-70	ND	Binder 85-90% Glass 10-15%
370521092	SA-615-71	ND	Binder 85-90% Glass 10-15%
370521093	SA-615-72	ND	Binder 85-90% Glass 10-15%
370521094	SA-615-73	ND	Binder 85-90% Glass 10-15%

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 Phone: (630) 994-2600
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Reference: 21-2007

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Date Analyzed: 04/26/2024

Batch No.: 370521

Date Reported: 04/26/2024

Customer No.: 4651

Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521095	SA-615-74	ND	Binder 85-90% Glass 10-15%
370521096	SA-615-75	ND	Binder 85-90% Glass 10-15%
370521097	SA-615-76	ND	Binder 85-90% Glass 10-15%
370521098	SA-615-77	ND	Binder 85-90% Glass 10-15%
370521099	SA-615-78	ND	Binder 85-90% Glass 10-15%
370521100	SA-615-79	ND	Cellulose 35-40% Binder 60-65%
370521101	SA-615-80	ND	Cellulose 35-40% Binder 60-65%
370521102	SA-615-81	ND	Cellulose 35-40% Binder 60-65%
370521103	SA-615-82	ND	Binder 95-99% Other 1-5%
370521104	SA-615-83	ND	Binder 95-99% Other 1-5%

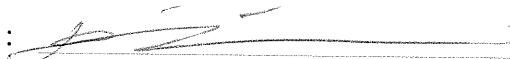
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Date Analyzed: 04/26/2024

Date Reported: 04/26/2024

Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521105	SA-615-84	ND	Binder 95-99% Other 1-5%
370521106	SA-615-82M	ND	Binder 95-99% Other 1-5%
370521107	SA-615-83M	ND	Binder 95-99% Other 1-5%
370521108	SA-615-84M	ND	Binder 95-99% Other 1-5%
370521109	SA-615-85	ND	Binder 85-90% Glass 10-15%
370521110	SA-615-86	ND	Binder 85-90% Glass 10-15%
370521111	SA-615-87	ND	Binder 85-90% Glass 10-15%
370521112	SA-615-88	ND	Cellulose 35-40% Binder 60-65%
370521113	SA-615-89	ND	Cellulose 35-40% Binder 60-65%
370521114	SA-615-90	ND	Cellulose 35-40% Binder 60-65%


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Analyzed by Name :


 Daniel Mikos / Microscopist

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

GSG Consultants, Inc.
 735 Remington Road
 Schaumburg, IL 60173
 Phone: (630) 994-2600
 Fax: (312) 733-5612

Reference: 21-2007

Location: IDOT; I-80 Improvement 615 Gardner St

Batch No.: 370521

Customer No.: 4651

Date Received: 04/25/2024

Date Analyzed: 04/26/2024

Date Reported: 04/26/2024

Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521115	SA-615-91	ND	Binder 95-99% Other 1-5%
370521116	SA-615-92	ND	Binder 95-99% Other 1-5%
370521117	SA-615-93	ND	Binder 95-99% Other 1-5%
370521118	SA-615-94	ND	Binder 85-90% Glass 10-15%
370521119	SA-615-95	ND	Binder 85-90% Glass 10-15%
370521120	SA-615-96	ND	Binder 85-90% Glass 10-15%
370521121	SA-615-97	ND	Cellulose 35-40% Binder 60-65%
370521122	SA-615-98	ND	Cellulose 35-40% Binder 60-65%
370521123	SA-615-99	ND	Cellulose 35-40% Binder 60-65%
370521124	SA-615-100	ND	Cellulose 1-5% Binder 95-99%

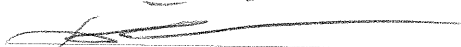
ND = Asbestos Not Detected (Not Present) NA = Not Analyzed NS = Not Submitted

Components of inhomogeneous samples are analyzed per our Standard Operating Procedure, or per customer request.

The use of the NVLAP logo does not imply endorsement by NVLAP or any agency of the US Government.

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This report remains property of STAT Analysis until payment is received in full (see invoice).

Analyzed by Name :


 Daniel Mikos / Microscopist

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

GSG Consultants, Inc.
735 Remington Road
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Phone: (630) 994-2600
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Reference: 21-2007
Location: IDOT; I-80 Improvement 615 Gardner St
Batch No.: 370521
Customer No.: 4651

Date Received: 04/25/2024
Date Analyzed: 04/26/2024
Date Reported: 04/26/2024
Turn Around Time: 1 Day

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
370521125	SA-615-101	ND	Cellulose 1-5% Binder 95-99%
370521126	SA-615-102	ND	Cellulose 1-5% Binder 95-99%

ND = Asbestos Not Detected (Not Present) NA = Not Analyzed NS = Not Submitted

Components of inhomogeneous samples are analyzed per our Standard Operating Procedure, or per customer request.

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Analyzed by Name : 

Daniel Mikos / Microscopist

Date: 04/26/2024



370521

PLM BULK LABORATORY ANALYSIS FORM

Project Name: IDOT; I-80 IMPROVEMENT	Project Manager: Ted Cagney
Project Number: 21-2007	Building Inspector: Safdar Azeem
Project Address: 615 GARDNER STREET	IDPH Number: 100-10351
City/State: JOLIET, IL	Work Day: S M T W TH F S
Client: WSP - USA	Analyze by Method:
Date: 4/18/2024	EPA/600/R-93-116

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
SA-615-01	# 1	9"x9" Floor Tile, Yellow/Grey spots (VINYL) Beige Mastic Bathroom 1st Floor
2	↓	↓
3	↓	↓
4	2	9"x9" Floor Tile Beige/Brown spots (VINYL) Beige Mastic Bathroom 1st Floor
5	↓	↓
6	↓	↓
7	3	12"x12" Floor Tile Beige/Yellow spots (VINYL) Back Room / By
8	↓	↓
9	↓	Beige Mastic Exit Door
10	4	4"x4" Ceramic Wall Tile Pink GROUT/MORTAR BATHROOM
11	↓	↓
12	↓	↓
13	5	1"x1" Ceiling Tile, white Bedroom + Hall.
14	↓	↓
15	↓	1st Floor

TURN AROUND TIME: One Day (5 Day) Other	<input checked="" type="radio"/> 1 Day <input type="radio"/> 2 Days <input type="radio"/> 3 Days	COMMENTS: E-mail Results to: epahomi@gsg-consultants.com sazeem@gsg-consultants.com STOP AT FIRST POSITIVE
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CHAIN OF CUSTODY RECORD

Collected By (Signature): Safdar Azeem	Date: 4/18/24	Time:	Relinquished by (Signature): Safdar Azeem	Date: 4/19/24	Time: 8:25
Received by: (Signature): [Signature]	Date: 4/25/24	Time: 11:42	Relinquished by: (Signature): [Signature]	Date: 04/25/24	Time: 11:42
Dispatched by: (Signature, if mailed): [Signature]	Date: 04/25/2024	Time: 12:20	Received for Laboratory by:	Date: 4/25/24	Time: 15:15

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.

REL G 4/25/24 15:15 REC [Signature] 4-25-2024 15:15



370521

PLM BULK LABORATORY ANALYSIS FORM

Project Name: IDOT; I-80 IMPROVEMENT	Project Manager: Ted Cagney
Project Number: 21-2007	Building Inspector: Safdar Azeem
Project Address: 615 GARDNER STREET	IDPH Number: 100-10351
City/State: JOLIET, IL	Work Day: S M T W (TH) F S
Client: WSP - USA	Analyze by Method:
Date: 4/18/2024	EPA/600/R-93-116

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)	
SA-615-16	6	Ceiling - Drywall/Paper Pink	
17	↓	↓	
18	↓	↓	
19	7	DRYWALL SYSTEM White - LIVING ROOM E	
20	↓	↓	N
21	↓	↓	W
22	8	Plaster, wall - Grey	W
23	↓	↓	
24	↓	↓	
25	9	Linoleum sheet - Flooring Blue	E
26	↓	↓	
27	↓	↓	
28	10	Textured wall, Grey	N-wall
29	↓	↓	
30	↓	↓	

TURN AROUND TIME:	<input checked="" type="radio"/> 1 Day <input type="radio"/> 2 Days <input type="radio"/> 3 Days <input type="radio"/> (5 Day) Other	COMMENTS: E-mail Results to: epahomi@gsg-consultants.com sazeem@gsg-consultants.com STOP AT FIRST POSITIVE
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CHAIN OF CUSTODY RECORD

Collected By: (Signature) Safdar Azeem	Date: 4/18/24	Time: 11:42	Relinquished by: (Signature) Safdar Azeem	Date: 4/19/24	Time: 8:25
Received by: (Signature) [Signature]	Date: 4/25/24	Time: 11:42	Relinquished by: (signature) [Signature]	Date: 04/25/2024	Time: 11:42
Relinquished by: [Signature]	Date: 04/25/2024	Time: 12:20	Received for Laboratory by:	Date:	Time:

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.

Rel: G-B 4/25/24 15:15 Rec: [Signature] 4.25.2024 15:15



370521

PLM BULK LABORATORY ANALYSIS FORM

Project Name: IDOT; I-80 IMPROVEMENT	Project Manager: Ted Cagney
Project Number: 21-2007	Building Inspector: Safdar Azeem
Project Address: 615 GARDNER STREET	IDPH Number: 100-10351
City/State: JOLIET, IL	Work Day: S M T W (TH) F S
Client: WSP - USA	Analyze by Method: EPA/600/R-93-116
Date: 4/18/2024	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
SA-615-31	11	Duct tape, Grey HVAC-DUCTS
32	↓	↓ Basement ↓
33	↓	↓ ↓ ↓
34	12	Fiber glass-seal/wrap Paper E Wall
35	↓	↓ 2nd Floor Attic ↓
36	↓	↓ ↓ ↓
37	13	Window Glazing, Exterior
38	↓	↓ Grey S. Wall ↓
39	↓	↓ ↓ ↓
40	14	Tar Seal East Wall - Edges
41	↓	↓ Under Siding Black ↓
42	↓	↓ ↓ ↓
43	15	Ext. Wall Siding - Brick Pattern/Fiberglass
44	↓	↓ Under Ab-Siding N. Wall ↓
45	↓	↓ ↓ S. Wall ↓

TURN AROUND TIME:	<input checked="" type="radio"/> 1 Day <input type="radio"/> 2 Days <input type="radio"/> 3 Days <input type="radio"/> (5 Day) Other	COMMENTS: E-mail Results to: epahomi@gsg-consultants.com sazeem@gsg-consultants.com STOP AT FIRST POSITIVE
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CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>Safdar Azeem</i>	Date: 4/18/24	Time:	Relinquished by (Signature) <i>Safdar Azeem</i>	Date: 4/19/24	Time: 8:25
Received by: (Signature) <i>William</i>	Date: 4/25/24	Time: 11:42	Relinquished by: (signature)	Date: 04/25/2024	Time: 11:42
Dispatched by: (Signature, if mailed) <i>William</i>	Date: 04/25/2024	Time: 12:20	Received for Laboratory by:	Date:	Time:

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.
 Rel: *G* 4/25/24 15:15 REC: *SA* 4-25-2024 15:15



370521

PLM BULK LABORATORY ANALYSIS FORM

Project Name: IDOT; I-80 IMPROVEMENT	Project Manager: Ted Cagney
Project Number: 21-2007	Building Inspector: Safdar Azeem
Project Address: 615 GARDNER STREET	IDPH Number: 100-10351
City/State: JOLIET, IL	Work Day: S M T W (TH) F S
Client: WSP - USA	Analyze by Method:
Date: 4/18/2024	EPA/600/R-93-116

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)	
SA-615-46	16	Tar Paper - Siding	East wall
47	↓	↓	(under HA-15) NE
48	↓	↓	NW
49	17	Text. Painting	NE
50	↓	↓	Grey S. Wall. N
51	↓	↓	NW
52	18	Siding Barrier - under Siding	NE
53	↓	↓	CLOTH White. E
54	↓	↓	NW
55	19	Chimney Brick/Mortar	Grey WEST
56	↓	↓	Detach Garage ↓
57	↓	↓	
58	20	Window Caulk	
59	↓	↓	Detach Garage - Grey
60	↓	↓	(Skylight window)

TURN AROUND TIME:	<input checked="" type="radio"/> 1 Day <input type="radio"/> 2 Days <input type="radio"/> 3 Days <input type="radio"/> (5 Day) Other	COMMENTS: E-mail Results to: epahomi@gsg-consultants.com sazeem@gsg-consultants.com STOP AT FIRST POSITIVE
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CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>Safdar Azeem</i>	Date: 4/18/24	Time:	Relinquished by (Signature) <i>Safdar Azeem</i>	Date: 4/19/24	Time: 8:25
Received by: (Signature) <i>William</i>	Date: 4/25/24	Time: 11:42	Relinquished by: (Signature) <i>[Signature]</i>	Date: 04/25/2024	Time: 11:42
Dispatched by: (Signature, If mailed) <i>[Signature]</i>	Date: 04/25/2024	Time: 12:20	Received for Laboratory by:	Date:	Time:

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.
 Ret: G.B. 4/25/24 15:15 Rec: LU 4-25-2024 15:15



370521

PLM BULK LABORATORY ANALYSIS FORM

Project Name: IDOT; I-80 IMPROVEMENT	Project Manager: Ted Cagney
Project Number: 21-2007	Building Inspector: Safdar Azeem
Project Address: 615 GARDNER STREET	IDPH Number: 100-10351
City/State: JOLIET, IL	Work Day: S M T W (TH) F S
Client: WSP - USA	Analyze by Method:
Date: 4/18/2024	EPA/600/R-93-116

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
SA-615-61	21	Window Glazing - Detach Garage
62	↓	↓ Grey - East Side
63	↓	↓
64	22	Detach Garage - Roof
65	↓	↓ Shingle - White/Black
66	↓	↓
67	23	Detach Garage - Roof
68	↓	↓ Tar Paper
69	↓	↓
70	24	MAIN ROOF - CENTER
71	↓	↓ Shingle # 1 Black/White
72	↓	↓
73	25	MAIN ROOF - CENTER
74	↓	↓ Shingle # 2 BLK/White
75	↓	↓

TURN AROUND TIME:	<input type="radio"/> 1 Day <input checked="" type="radio"/> 2 Days <input type="radio"/> 3 Days <input type="radio"/> (5 Day) Other	COMMENTS: E-mail Results to: epahomi@gsg-consultants.com sazeem@gsg-consultants.com STOP AT FIRST POSITIVE
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CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>Safdar Azeem</i>	Date: 4/18/24	Time:	Relinquished by (Signature) <i>Safdar Azeem</i>	Date: 4/19/24	Time: 8:25
Received by: (Signature) <i>[Signature]</i>	Date: 4/25/24	Time: 11:42	Relinquished by: (signature) <i>[Signature]</i>	Date: 04/25/2024	Time: 11:42
Relinquished Dispatched by: (Signature, if mailed)	Date: 04/25/2024	Time: 12:20	Received for Laboratory by:	Date:	Time:

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.

REL: G-B 4/25/24 15:15

REC: JN 4-25-2024 15:15



370521

PLM BULK LABORATORY ANALYSIS FORM

Project Name: IDOT; I-80 IMPROVEMENT	Project Manager: Ted Cagney
Project Number: 21-2007	Building Inspector: Safdar Azeem
Project Address: 615 GARDNER STREET	IDPH Number: 100-10351
City/State: JOLIET, IL	Work Day: S M T W (TH) F S
Client: WSP - USA	Analyze by Method:
Date: 4/18/2024	EPA/600/R-93-116

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
SA-615-86	26	MAIN ROOF - CENTER
77	↓	↓ shingle # 3 Red/Brown
78	↓	↓
79	27	MAIN ROOF - CENTER
80	↓	↓ TAR PAPER - BLACK
81	↓	↓
82	28	Roof - west side
83	↓	↓ Rubber Membrane mastic
84	↓	↓ Berge
85	29	Roof - west side -
86	↓	↓ shingle - Black/white
87	↓	↓
88	30	Roof - west side
89	↓	↓ Tar Paper Black
90	↓	↓

TURN AROUND TIME:	<input type="radio"/> 1 Day <input type="radio"/> 2 Days <input checked="" type="radio"/> 3 Days <input type="radio"/> (5 Day) Other	COMMENTS: E-mail Results to: epahomi@gsg-consultants.com sazeem@gsg-consultants.com STOP AT FIRST POSITIVE
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CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>Safdar Azeem</i>	Date: 4/18/24	Time:	Relinquished by (Signature) <i>Safdar Azeem</i>	Date: 4/19/24	Time: 8:25
Received by: (Signature) <i>W. Khan</i>	Date: 4/25/24	Time: 11:42	Relinquished by: (Signature) <i>[Signature]</i>	Date: 04/25/2024	Time: 11:42
Dispatched by: (Signature, if mailed) <i>[Signature]</i>	Date: 04/25/2024	Time: 12:20	Received for Laboratory by:	Date:	Time:

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.

Rel: G-13 4/25/24 15:15 Rec: *[Signature]* 4-25-2024 15:15



370521

PLM BULK LABORATORY ANALYSIS FORM

Project Name: IDOT; I-80 IMPROVEMENT	Project Manager: Ted Cagney
Project Number: 21-2007	Building Inspector: Safdar Azeem
Project Address: 615 GARDNER STREET	IDPH Number: 100-10351
City/State: JOLIET, IL	Work Day: S M T W TH F S
Client: WSP - USA	Analyze by Method:
Date: 4/18/2024	EPA/600/R-93-116

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
SA-615-91	31	Roof - East Side
92	↓	Rubber-Membrane-Back
93	↓	Grey
94	32	Roof - East side -
95	↓	Shingle - Black
96	↓	
97	33	Roof - East Side
98	↓	Tar Paper Black
99	↓	
100	34	Tar Seal- 2nd Floor
101	↓	Window/Ceiling
102	↓	
103	35	
104	↓	
105	↓	

TURN AROUND TIME:	<input type="radio"/> 1 Day <input type="radio"/> 2 Days <input checked="" type="radio"/> 3 Days <input type="radio"/> (5 Day) Other	COMMENTS: E-mail Results to: epahomi@gsg-consultants.com sazeem@gsg-consultants.com STOP AT FIRST POSITIVE
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CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>Safdar Azeem</i>	Date: 4/18/24	Time:	Relinquished by (Signature) <i>Safdar Azeem</i>	Date: 4/19/24	Time: 8:25
Received by: (Signature) <i>[Signature]</i>	Date: 4/25/24	Time: 11:42	Relinquished by: (signature) <i>[Signature]</i>	Date: 04/25/2024	Time: 11:42
Relinquished/Dispatched by: (Signature, if mailed) <i>[Signature]</i>	Date: 04/25/2024	Time: 12:20	Received for Laboratory by:	Date:	Time:

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.
 Rel: *[Signature]* 4/25/24 15:15 Rec: *[Signature]* 4-25-2024 15:15

APPENDIX B

Reference Photographs



Material Description:
View of the IDOT surveyed property, 615 Gardner Street, Joliet, IL

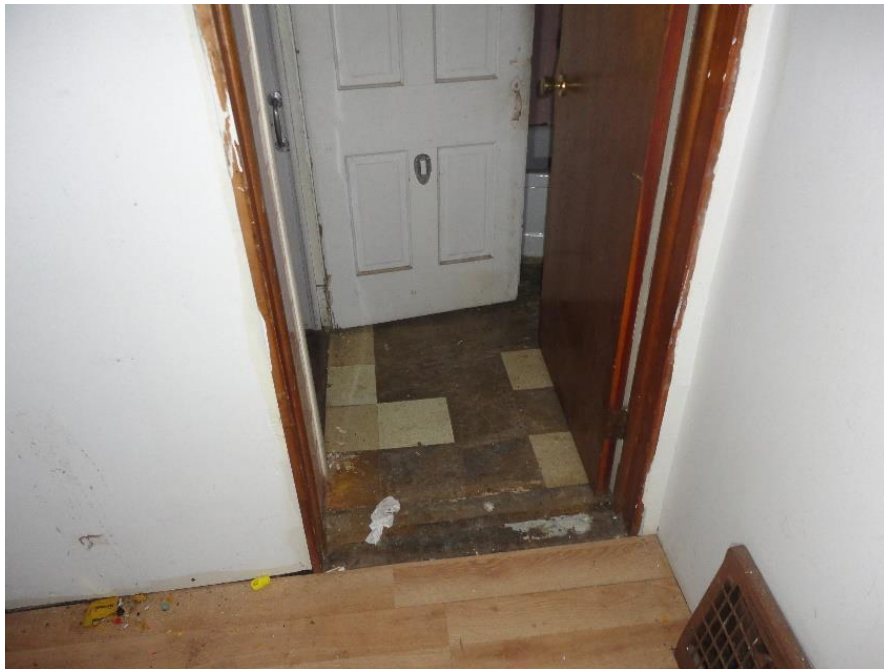
Photo Location:
Front of the house

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/2024



Material Description:
Suspect ACM 9"x9" Floor Tile, Yellow/Grey Spots and Beige Colored Mastic

Photo Location:
Bathroom, First floor

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM 9"x9" Floor
Tile, Beige/Brown Spots and
Beige Colored Mastic

Photo Location:
Bathroom, First Floor

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM 12"x12" Beige
Floor Tile, Yellow Spots,
Beige Mastic

Photo Location:
Back Room, by Exit Door

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM 4"x4" Pink
Ceramic Wall Tile,
Grout/Mortar

Photo Location:
Bathroom, First Floor

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM 1'x1' White
Ceiling Tile

Photo Location:
Hall, First Floor

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Ceiling
Drywall/Pink Paper

Photo Location:
Hall, First Floor

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Drywall
System, White

Photo Location:
Living Room, First Floor

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Wall Plaster,
Grey

Photo Location:
Basement

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect Linoleum Sheet
Flooring, Blue

Photo Location:
Second Floor, Bedroom

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Textured Wall,
Grey

Photo Location:
Basement

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Duct Tape, Grey, HVAC Duct
Work - **Tested Positive for
Asbestos**

Photo Location:
Basement

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Fiber Glass
Seal/Wrap Paper

Photo Location:
Second Floor/Attic

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Window Glazing, Exterior,
Grey - **Tested Positive for
Asbestos**

Photo Location:
Exterior

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Tar Seal
Spacing, Black

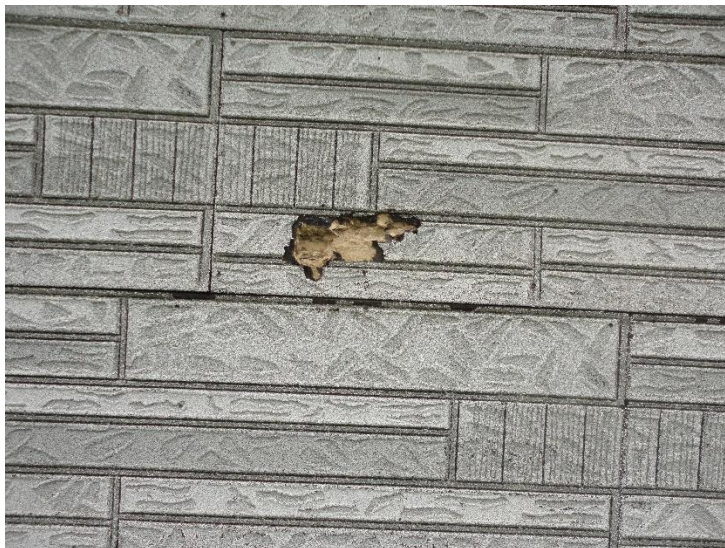
Photo Location:
Exterior, Siding
Edges/Seams

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Exterior Wall
Siding, Brick Pattern, Grey

Photo Location:
Exterior

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Tar Paper,
Black, Under Exterior Siding

Photo Location:
Exterior

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Textured
Painting, Grey

Photo Location:
Exterior

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Siding Barrier Cloth, White

Photo Location:
Exterior

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Chimney
Brick/Mortar

Photo Location:
Detached Garage

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Window Caulk,
Grey

Photo Location:
Detached Garage

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Window Glazing, Grey -
**Tested Positive for
Asbestos**

Photo Location:
Detached Garage

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Roof – Shingle
and Tar Paper

Photo Location:
Detached Garage

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Main Roof-
Shingles, Tar Paper

Photo Location:
House Roof

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Roof – Rubber Membrane, Shingle and Tar Paper

Photo Location:
House Roof - West

**ILLINOIS DEPARTMENT OF
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I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24



Material Description:
Suspect ACM Tar Seal

Photo Location:
Interior Window, Second Floor

**ILLINOIS DEPARTMENT OF
TRANSPORTATION - WSP-USA
I-80 IMPROVEMENT**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 4/18/24

APPENDIX D

Inspector Licenses and Training Certifications



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

SAFDAR AZEEM
 1 SOUTH 285 INGERSOLL LANE
 VILLA PARK, IL 60181

4/18/2023



ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 10351

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

 <p>ASBESTOS PROFESSIONAL LICENSE</p>			<p>ENDORSEMENTS</p> <p>INSPECTOR</p> <p>PROJECT MANAGER</p> <p>AIR SAMPLING PROFESSIONAL</p> <p>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.</p>	<p>TC EXPIRES</p> <p>2/24/2024</p> <p>2/23/2024</p>
<p>ID NUMBER</p> <p>100 - 10351</p> <p>SAFDAR AZEEM 1 SOUTH 285 INGERSOLL LAN VILLA PARK, IL 60181 Environmental Health</p>	<p>ISSUED</p> <p>4/18/2023</p>	<p>EXPIRES</p> <p>05/15/2024</p> 		

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

PROTECTING HEALTH, IMPROVING LIVES

Nationally Accredited by PHAB

APPENDIX D

Laboratory Accreditations

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101202-0

STAT Analysis Corporation
Chicago, 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 Communique dated January 2009).*

2023-07-01 through 2024-06-30

Effective Dates



A handwritten signature in blue ink, reading 'Dana S. Haman'.

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

STAT Analysis Corporation

STAT Analysis Corporation
2242 W. Harrison St. Suite 200
Chicago, IL 60612
Carolyn Mazzuca
Phone: 312-733-0551
Email: cmazzuca@statanalysis.com
<http://www.STATAnalysis.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101202-0

Bulk Asbestos Analysis

Code

Description

18/A01

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

18/A03

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

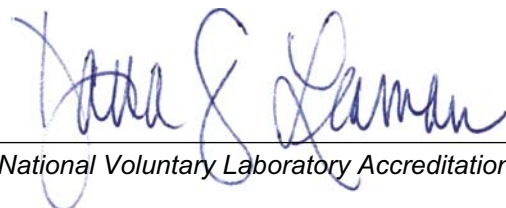
Airborne Asbestos Analysis

Code

Description

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