B I D A D D E N D U M 0 1

The items set forth herein, whether of omission, addition, substitution, or clarification are to be included in and form a part of the construction documents for the project listed above.

This Addendum consists of the following Parts:

Part 1	Divisions #0-1, Bidding and Contract Requirements	
Part 2	Technical Changes, Architectural, Structural, Civil & Abatement	
Part 3	Technical Changes, Plumbing, Mechanical and Electrical	Not Used
Part 4	Drawing Changes, Architectural / Civil / Abatement	
Part 5	Drawing Changes, Structural	Not Used
Part 6	Drawing Changes, Plumbing, Mechanical and Electrical	Not Used
Part 7	Clarifications	Not Used
Part 8	New Issues – List of Included Documents	Not Used

PART 1 DIVISIONS #0-1, BIDDING AND CONTRACT REQUIREMENTS

1.1 003100 INFORMATION AVAILABLE TO BIDDERS
ATTACHMENT: HAZARDOUS MATERIALS REPORT
a. See attached Hazardous Materials Report.

PART 2 TECHNICAL CHANGES, ARCHITECTURAL, STRUCTURAL, CIVIL AND ABATEMENT

2.1 020800 ASBESTOS ABATEMENT SPECIFICATION
a. See attached Asbestos Abatement Specification

PART 4 DRAWING CHANGES, ARCHITECTURAL / CIVIL / ABATEMENT

4.1 DRAWING AA150 GROUND FLOOR ASBESTOS ABATEMENT PLAN
a. See attached Drawing AA150 Ground Floor Asbestos Abatement Plan

4.2 DRAWING AA150 FIRST FLOOR ASBESTOS ABATEMENT PLAN
a. See attached Drawing AA151 First Floor Asbestos Abatement Plan

4.3 DRAWING AA150 SECOND FLOOR ASBESTOS ABATEMENT PLAN
a. See attached Drawing AA152 Second Floor Asbestos Abatement Plan

4.4 DRAWING AA150 ROOF ASBESTOS ABATEMENT PLAN
a. See attached Drawing AA153 Roof Asbestos Abatement Plan

PART 8 NEW ISSUES

1. 003100 Hazardous Materials Abatement Report (102 Pages) 8.5x11
2. 020800 Asbestos Abatement Specification (44 Pages) 8.5x11

3.	Drawing AA150 – Ground Floor Asbestos Abatement Plan	(1 Page) 30x42
4.	Drawing AA151 – First Floor Asbestos Abatement Plan	(1 Page) 30x42
5.	Drawing AA152 – Second Floor Asbestos Abatement Plan	(1 Page) 30x42
6.	Drawing AA153 – Roof Asbestos Abatement Plan	(1 Page) 30x42

****** END OF BID ADDENDUM #1 ******

QuES&T
Quality Environmental Solutions & Technologies, Inc.

PRE-CONSTRUCTION SURVEY REPORT
FOR
ASBESTOS-CONTAINING MATERIALS (ACM)

Prepared for:

KG&D Architects, P.C
285 Main Street,
Mt. Kisco, NY 10549

at:

ORANGE-ULSTER BOCES
103 Gibson Road,
Goshen, NY 10924

November 1st, 2024

QuES&T Project #23-5506

NOVEMBER 4, 2024
BID ADDENDUM #1

1376 Route 9, Wappingers Falls, NY 12590 Phone (845) 298-6031 Fax (845) 298-6251
NYS MWBD MBE Cert # 49952-2006 NYSUCP DBE Certified NJUCP DBE Certified www.Qualityenv.com

QuES&T

Quality Environmental Solutions & Technologies, Inc.

November 1st, 2024

KG&D Architects, P.C
285 Main Street,
Mt. Kisco, NY 10924

ATTN: Brian Mangan
Via E-mail: bmangan@kgdarchitects.com

Re: 2023 Orange-Ulster BOCES Capital Project Improvements
Pre-Construction Asbestos Inspection
QuES&T Project #23-5506

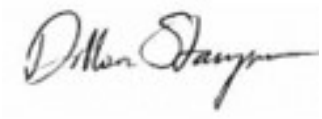
Dear Mr. Mangan,

Attached is the Pre-Construction Inspection Report for Asbestos-containing Materials (ACM) identified throughout interior and exterior areas included within the above-referenced location(s) by **Qu**ality **E**nvironmental **S**olutions **& T**echnologies, Inc. **(QuES&T)**. The inspection included visual assessment and representative sampling for the detection of ACM in compliance with the requirements of Title 12 NYCRR Part 56-5.1.

The attached report summarizes the inspection protocol and inspection results for your review. **QuES&T** believes this report accurately reflects the material condition existing in the functional spaces at the time of our inspection.

Should you wish to discuss this matter further or require additional information concerning this submittal, please contact us at (845) 298-6031. **QuES&T** appreciates the opportunity to KG&D Architects, P.C, in the environmental services area.

Sincerely,



Dillon Stamper
Field & Technical Services
NYS/AHERA Inspector/Project Monitor
Cert. #AH 23-6LUH4-SHAB

TABLE OF CONTENTS

EXECUTIVE SUMMARY

Quality **E**nvironmental **S**olutions & **T**echnologies, Inc. (**QuES&T**) was retained KG&D Architects P.C, to conduct a Pre-Construction Survey for the presence of Asbestos-containing Materials (ACM) in support of the planned renovation of the Orange Ulster BOCES facility located at 103 Gibson Road, Goshen, NY 10924.

The survey included a visual inspection/assessment for suspect hazardous material(s), as detailed above, which are likely to be affected by planned demolition/renovations/construction activities. Inspection and sampling was limited to areas/materials slated for demolition/renovation/construction.

The survey was conducted by **QuES&T** personnel on October 12th, October 13th, November 7th of 2023, and October 24th and 25th, of 2024. The sampling was conducted by NYSDOL Asbestos Inspector(s) Shannon D. Talsma (AH# 24-61PEC-SHAB), and Dillon Stamper (Cert. #AH 24-6LUH4-SHAB).

ASBESTOS

Laboratory analysis and/or existing sampling data indicated the following materials as Asbestos-containing Materials (greater than 1% asbestos) **(Refer to Table I & Appendix B for details and locations)**

1969 Build

- Above Suspended Ceiling, Throughout – Mudded Joint Packing
- Suspended Ceiling System – 2’ x 2’ Dot Canyon Ceiling Tile
- Classrooms, on Metal Sink Basin – Anti-sweat Tar
- Exterior, Windowsills – Cementitious Sills
- Roof, Lower Roof to Upper, On Termination Bar – Caulk
- Roof, Lower Perimeter, Top Layer, On Fiber Board – Built Up Roof

1986 Build

- Classrooms, Floor, Below 12”x12” Floor Tile – Mastic

I. INTRODUCTION:

Quality **E**nvironmental **S**olutions **&** **T**echnologies, Inc. **(QuES&T)** performed a Pre-Construction Asbestos Survey, in conformance with Title 12 NYCRR Part 56-5.1, on October 12th, October 13th, November 7th, of 2023, and October 24th & 25th, of 2024, for KG&D Architects P.C, in support of the planned renovation of the Orange Ulster BOCES facility located at 103 Gibson Road, Goshen, NY 10924. The survey included a visual inspection / assessment for Presumed Asbestos-containing Materials (PACM) and suspect miscellaneous Asbestos-containing Materials (ACM) throughout accessible interior and exterior locations to be affected by future renovation activities.

QuES&T established functional spaces based either on physical barriers (i.e., walls, doors, etc.) or homogeneity of material. Within each functional space identified, a visual inspection was performed using reasonable care and judgment, to identify and assess location, quantity, friability, and condition of all accessible installed ACM building materials observed at the affected portion of the building/structure.

Limited localized demolition of building surfaces was performed, as part of this survey, to access concealed surfaces. No disassembly of installed equipment was conducted as part of this inspection. ACM concealed within structural components and equipment interiors or that is accessible only through extensive mechanical or structural demolition may not have been identified as part of this survey. When any construction activity, such as demolition, remodeling, renovation, or repair work, reveals PACM or suspect miscellaneous ACM that has not been identified, as part of this survey, all construction activities shall cease in the affected area.

The survey included both visual inspection of accessible spaces and representative sampling of suspect building materials for ACM. Samples collected were analyzed by a laboratory approved under the New York State Department of Health Environmental Laboratory Approval Program (NYSDOH ELAP). Samples were analyzed in the laboratory by Polarized Light Microscopy (PLM), Polarized Light Microscopy-NOB (PLM-NOB) and/or Quantitative Transmission Electron Microscopy (QTEM), as required. Sample collection and laboratory analysis were conducted in compliance with the requirements of Title 12 NYCRR Part 56-5.1, 29 CFR 1926.1101 and standard EPA & OSHA accepted methods. Samples consisting of multiple layers were separated and analyzed independently in the laboratory.

Certified **QuES&T** personnel (Appendix D), Mr. Shannon D Talsma (Cert. #AH 24-61PEC-SHAB) & Mr. Dillon Stamper (#AH 24-6LUH4-SHAB) performed visual assessments throughout interior and exterior construction areas. A total of Two-Hundred Seventy-One **(271)** samples/layers of installed and accessible suspect building materials were analyzed by a laboratory approved under the NYSDOH ELAP. One Hundred Seventeen **(117)** samples/layers were analyzed using Polarized Light Microscopy (PLM) for friable materials; Ninety-One **(91)** samples/layers were analyzed using Polarized Light Microscopy (PLM-NOB) for non-friable organically bound materials; and Sixty-Three **(63)** samples/layers were analyzed by Confirmatory-QTEM following negative-determinations using PLM-NOB protocols.

II. INSPECTION SUMMARY:

A visual inspection was performed, and homogenous material types were established based on appearance, color and texture. The findings presented in this report are based upon reasonably available information and observed site conditions at the time the assessment was performed. The findings and conclusions of this report are not meant to be indicative of future conditions at the site and does not warrant against conditions that were not evident from visual observations or historical information obtained from others.

Representative bulk sampling was performed on suspect building materials for laboratory analysis using PLM, PLM-NOB, and/or QTEM. The following is a summary of installed building materials sampled:

- Wall Materials – Joint Compound, Sheetrock, Plaster, Ceramic Wall Tile, Grout, Mortar, Covebase Molding, Mastic.
- Ceiling Materials – Ceiling Tile (various), Joint Compound, Sheetrock.
- Floor Materials – Carpet Mastic (various), Floor Tile (various), Mastic (various), Ceramic Floor Tile (various), Grout (various), Setting Bed, Cementitious Slab, Leveling Compound, Epoxy.
- Thermal System Insulation – Mudded Joint Packing, Pipe Insulation.
- Miscellaneous Materials – Anti-sweat Tar, Caulk (various).

III. IDENTIFIED ASBESTOS-CONTAINING MATERIALS (ACM):

IDENTIFIED ACM
Orange Ulster BOCES
103 Gibson Road
Goshen, NY 10924
(Refer to Appendix A for details)

KEY: **ACM** = Materials containing greater than 1% of asbestos;
LF = Linear Feet; **SF** = Square Feet; **PACM** = Presumed Asbestos-containing Materials;
Friable = ACM capable of being released into air, and which can be crumbled, pulverized, powdered, crushed or exposed by hand-pressure.

Location	Material	Approximate Quantity	Friable?	Condition
Interiors – 1969 Build				
1969 Build, Above Suspended Ceiling, Throughout	Mudded Joint Packing	2000 LF	Yes	Good
1969 Build, Suspended Ceiling System, Throughout, 2'x2' Dot Canyon	Ceiling Tile	54,000 SF	Yes	Good
Classrooms, On Sink Basin	Anti-sweat Tar	60 SF	No	Good
Exterior – 1969 Build				

Exterior – 1969 Build				
1969 Build, Exterior Windowsills	Cementitious Sill	225 SF	No	Good
Roof – 1969 Build				
Lower Roof to Upper Roof, On Termination Bar	Caulk	410 LF	No	Good
Perimeter, Lower Roof, Top Layer	Built Up Roof	4,800 SF	No	Good
Interiors – 1986 Build				
Classrooms, Floor, Below 12"x12" Tile	Mastic	38,608 SF	No	Good

IV. GENERAL DISCUSSION:

All construction personnel as well as individuals who have access to locations where asbestos containing materials (ACM) exists should be informed of its presence and the proper work practices in these areas. Conspicuous labeling of all ACM is suggested to ensure personnel are adequately informed. Personnel should be informed not to rest, lean or store material or equipment on or near these surfaces and not to cut, saw, drill, sand or disturb ACM. All removal, disturbance, and repair of ACM should be performed in compliance with Title 12 NYCRR Part 56 by persons properly trained to handle ACM. Facility custodial and maintenance personnel should receive training commensurate with their work activities; as defined in 29 CFR 1910.1001.

The findings presented in this report are based upon reasonably available information and observed site conditions at the time the assessment was performed. Conditions may have changed since that time and the findings and conclusions of this report are not meant to be indicative of future conditions at the Site. This report does not warrant against conditions that were not evident from visual observations or historical information obtained, or conditions that could only be determined by physical sampling or other intrusive investigation techniques that are outside the proposed scope of work.

V. ABATEMENT REQUIRED:

As specified in Title 12 NYCRR Part 56-5.1 (h) and (i), "If the building/structure asbestos survey finds that the portion of the building/structure to be demolished, renovated, remodeled, or have repair work contains ACM, PACM, suspect miscellaneous ACM assumed to be ACM, or asbestos material, which is impacted by the work, the owner or the owner's agent shall conduct, or cause to have conducted, asbestos removal performed by a licensed asbestos abatement contractor in conformance with all standards set forth in this Part. All ACM, PACM, suspect miscellaneous ACM assumed to be ACM, or asbestos material impacted by the demolition, renovation, remodeling, or repair project shall be removed as per this Part, prior to access or disturbance by other uncertified trades or personnel. No demolition, renovation, remodeling or repair work shall be commenced by any owner or the owner's agent prior to the completion of the asbestos abatement in accordance with the notification requirements of this Part…All building/structure owners and asbestos abatement contractors on a demolition, renovation, remodeling, or repair project, which includes work covered by this part, shall inform all trades on the work site about PACM, ACM, asbestos material and suspect miscellaneous ACM…Bids may be advertised and contracts awarded for demolition, remodeling, renovation, or repair work, but no work on the current intermediate portion of the project shall commence on the demolition, renovation, remodeling or repair work by any

Prior to conducting demolition or construction work at the building, all ACM affected/impacted by such activities shall be removed utilizing a licensed asbestos abatement contractor and NYSDOL/EPA/NYC certified personnel prior to construction/demolition activities. All work conducted should be in accordance with all legal requirements, including but not limited to U.S. Environmental Protection Agency (EPA) National Emissions Standards for Hazardous Air Pollutants (NESHAP) [40 CFR Part 61], New York State Industrial Code Rule 56 Asbestos Regulations (ICR 56) and Chapter 1 of Title 15 of the Rules of the City of New York Regulations, as applicable. Advance notification of the asbestos project to the USEPA, NYSDOL, and NYCDEP may be required.

All suspect building materials not sampled during this survey should be considered ACM until these materials are sampled and analyzed for ACM in the laboratory. Concealed ACM: In addition to the ACMs identified at the site, there is a possibility that concealed ACM may exist at the subject facility. As such, if any concealed suspect ACM is encountered during future construction related activities, the work should immediately stop. Prior to resuming the work, the suspect ACM should either be 1) Sampled by an appropriately certified asbestos professional and submitted to an Approved NYSDOH ELAP laboratory for asbestos analysis or 2) Presumed to be ACM (PACM) and removed by a licensed asbestos abatement contractor for disposal in accordance with all applicable regulations.

VI. DISCLAIMERS

It should be noted that the information contained within this report is based solely upon site observations and the results of laboratory analysis for samples collected by **QuES&T.** These observations and results are time dependent, subject to changing site conditions and revisions to Federal, State and Local regulations. **QuES&T** warrants that these findings have been promulgated after being prepared in general accordance with generally accepted practices in the abatement industries. **QuES&T** also recognizes that inspection laboratory data is not usually sufficient to make all abatement and management decisions.

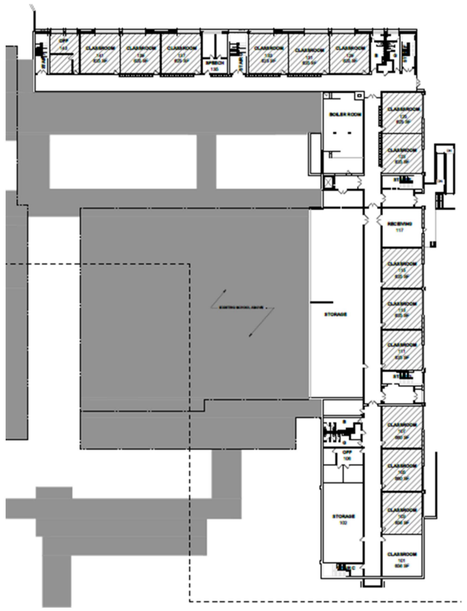
Due to the potential for concealed Asbestos-containing Materials (ACM) or other regulated materials, this report should not be construed to represent all ACM or regulated materials within the site(s). All quantities of ACM or other regulated materials identified, and all dimensions listed within this report are approximate and should be verified On-site.

This inspection report is not intended to be used as the sole basis for soliciting pricing for asbestos abatement. An abatement plan, specification, drawing and/or Variances should be developed to identify scope, timing, phasing, and remediation means & methods for any asbestos project. The Linear and/or Square Footages (LF / SF) listed within this Report are only approximates. Abatement Contractor(s) are required to visit the building(s) in order to take actual field measurements within each listed location.

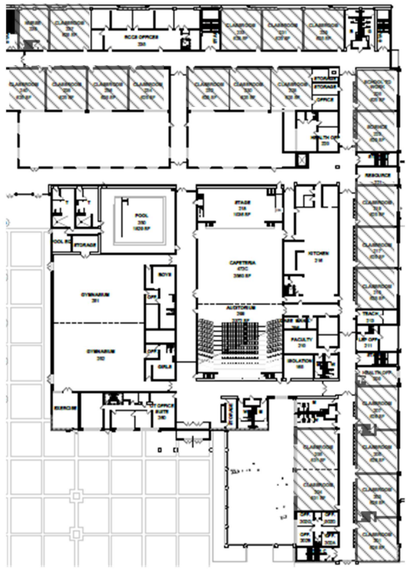
QuES&T
Quality Environmental Solutions & Technologies, Inc.

Appendix A:
ACM LOCATION DRAWINGS

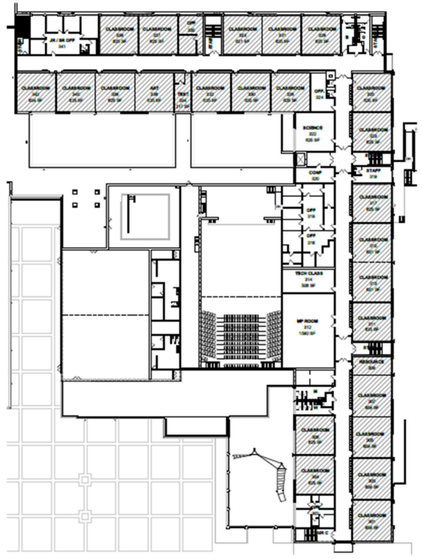
1376 Route 9, Wappingers Falls, NY 12590 Phone (845) 298-6031 Fax (845) 298-6251
NYS MWBD MBE Cert # 49952-2006 NYSUCP DBE Certified NJUCP DBE Certified www.Qualityenv.com



Ground Floor



First Floor



Second Floor

	-ACM Mastic- **1989 Build, Throughout Classrooms, Below 12" x12" Floor Tile** **Approximately 38,608 SF**

Drawing Not to Scale
This Drawing is not intended to be used as the sole basis for soliciting pricing for asbestos abatement. An abatement plan, specification, drawing and/or variances should be developed to identify scope, timing, phasing and remediation means & methods for any asbestos project.

Date: 11/1/2024	**Version #** 1
Issued For: Asbestos Survey	
QuES&T Project #: 23-5506	
Project Manager: RWL	**Prepared By:** DS

QuES&T

Quality Environmental
Solutions & Technologies, Inc.
1376 Route 9
Wappingers Falls, NY 12590
Phone: (845) 298- 6031
Fax: (845) 298-6251

CLIENT

KG&D Architects, P.C.
285 Main Street
Mount Kisco, NY 10549

PROJECT LOCATION

Orange Ulster BOCES
103 Gibson Road
Goshen, NY 10924

Orange-Ulster BOCES
Axelrod Building 1986 Build

ACM - 01

	ACM Location Key
☐	**-ACM Ceiling Tile-** **Suspended Ceiling System, Throughout 1969 Build, Dot Canyon Ceiling Tile** **Approximately 54,000 SF**
☐	**-ACM Mudded Joint Packing-** **Above Suspended Ceiling System, Throughout 1969 Build** **Approximately 2000 LF**
☐	**-ACM Cementitious Sill-** **Exterior, Windowsills, Throughout Exterior of 1969 Build** **Approximately 225 SF**
☐	**-ACM Anti-Sweat Tar-** **Classrooms, Throughout 1969 Build, On Sink Basin** **Approximately 60 SF**

Drawing Not to Scale

This Drawing is not intended to be used as the sole basis for soliciting pricing for asbestos abatement. An abatement plan, specification, drawing and/or variances should be developed to identify scope, timing, phasing and remediation means & methods for any asbestos project.

Date: 11/1/2024	**Version #** 1
Issued For: Asbestos Survey	
QuES&T Project #: 23-5506	
Project Manager: RWL	**Prepared By:** DS

QuES&T

Quality Environmental Solutions & Technologies, Inc.
1376 Route 9
Wappingers Falls, NY 12590
Phone: (845) 298- 6031
Fax: (845) 298-6251

CLIENT

KG&D Architects, P.C.
285 Main Street
Mount Kisco, NY 10549

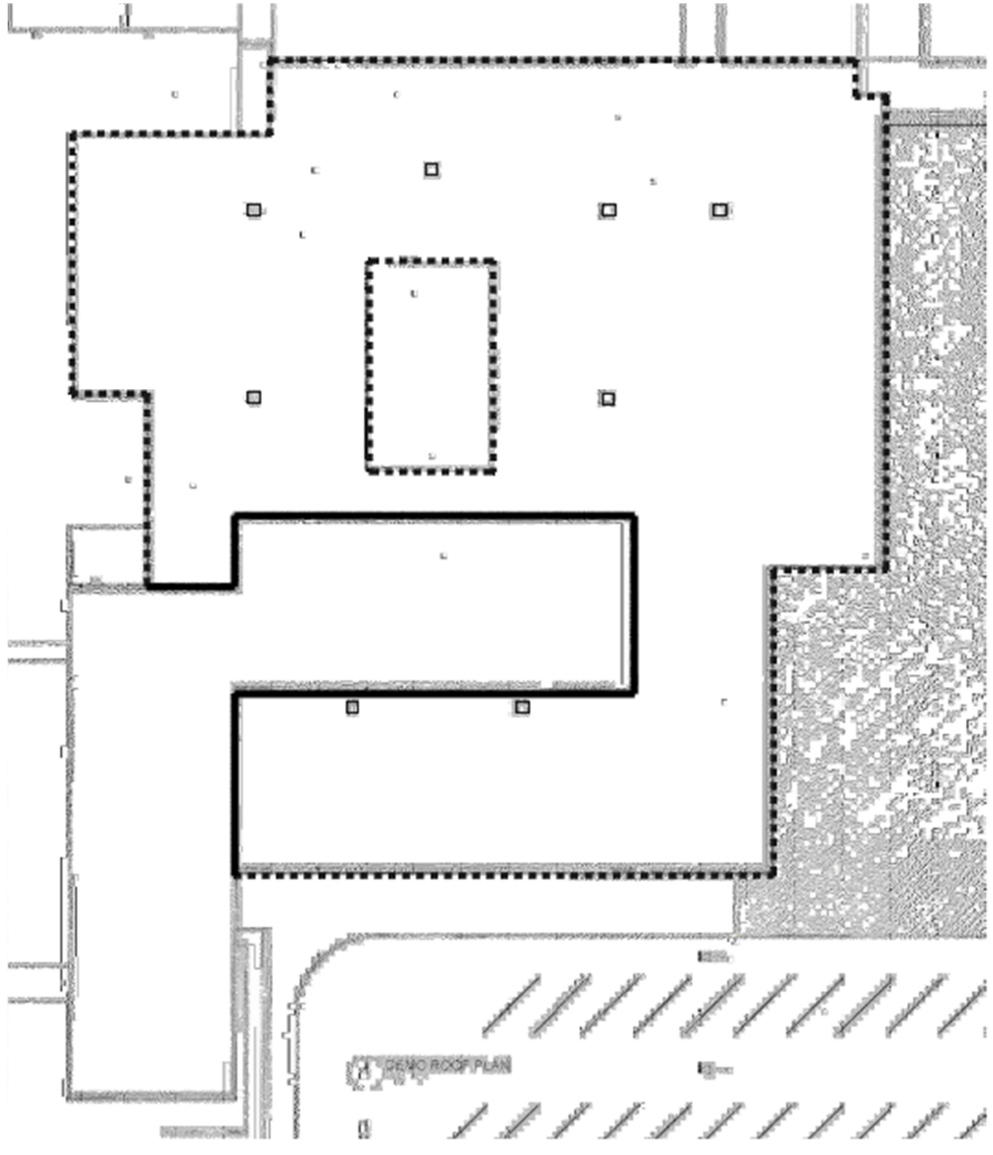
PROJECT LOCATION

Orange Ulster BOCES
103 Gibson Road
Goshen, NY 10924

Orange-Ulster BOCES
Axelrod Building 1969 Build

ACM - 02

	ACM Location Key
	-ACM Built Up Roof- **Perimeter, Lower Roof, Top Layer** **Approximately 4,800 SF**
	-ACM Caulk- **Lower Roof to Upper Roof, On Termination Bar** **Approximately 410 LF**



Drawing Not to Scale

This Drawing is not intended to be used as the sole basis for soliciting pricing for asbestos abatement. An abatement plan, specification, drawing and/or variances should be developed to identify scope, timing, phasing and remediation means & methods for any asbestos project.

Date: 11/1/2024	**Version #** 1
Issued For: Asbestos Survey	
QuES&T Project #: 23-5506	
Project Manager: RWL	**Prepared By:** DS

QuES&T

Quality Environmental
Solutions & Technologies, Inc.
1376 Route 9
Wappingers Falls, NY 12590
Phone: (845) 298- 6031
Fax: (845) 298-6251

CLIENT

KG&D Architects, P.C.
285 Main Street
Mount Kisco, NY 10549

PROJECT LOCATION

Orange Ulster BOCES
103 Gibson Road
Goshen, NY 10924

Orange-Ulster BOCES
Axelrod Building 1969 Build Roof

ACM - 03

Appendix B:
RESULTS

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-01	5506-1969-02	5506-1969-03	5506-1969-04
Layer Number					
Lab ID Number		2965769	2965770	2965771	2965772
Sample Location		Second Floor, Room 419, Wall, Partition, On Sheet Rock	Second Floor, Room 419, Wall, Partition, On Sheet Rock	Second Floor, Room 419, Wall, Partition, On Sheet Rock	Second Floor, Room 419, Wall, Partition
Sample Description		Joint Compound	Joint Compound	Joint Compound	Sheet Rock
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	Yes	Yes	Yes	Yes
	Homogenous	No	No	No	No
	Fibrous	No	No	No	Yes
	Color	White	White	White	Gray/Brown/White
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	15.0
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	25.0	30.0	25.0	15.0
	% Carbonates	30.0	30.0	35.0	30.0
	% Other	ND	ND	ND	ND
	% Unidentified	45.0	40.0	40.0	40.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
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Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-05	5506-1969-06	5506-1969-06	5506-1969-07
Layer Number			1	2	1
Lab ID Number		2965773	2965774	2965774	2965775
Sample Location		Second Floor, Room 419, Wall, Partition	Second Floor, Room 441, Wall, Soffit, On Wire Lath	Second Floor, Room 441, Wall, Soffit, On Wire Lath	Second Floor, Room 422, Wall, Soffit, On Cementitious Block
Sample Description		Sheet Rock	Plaster (Plaster Layer)	Plaster (Scratch Layer)	Plaster (Plaster Layer)
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	Yes	Yes	No	Yes
	Homogenous	No	No	Yes	No
	Fibrous	Yes	No	No	No
	Color	Gray/Brown/White	White	Gray	White
Sample Treatment		Homogenized	Homogenized	None	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	10.0	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	15.0	10.0	30.0	10.0
	% Carbonates	35.0	45.0	25.0	50.0
	% Other	ND	ND	ND	ND
	% Unidentified	40.0	45.0	45.0	40.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
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NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-07	5506-1969-08	5506-1969-08	5506-1969-09
Layer Number		2	1	2	1
Lab ID Number		2965775	2965776	2965776	2965777
Sample Location		Second Floor, Room 422, Wall, Soffit, On Cementitious Block	Second Floor, Room 425, Wall, Soffit, On Wire Lath	Second Floor, Room 425, Wall, Soffit, On Wire Lath	Second Floor, Room 414, Wall, Soffit, On Wire Lath
Sample Description		Plaster (Scratch Layer)	Plaster (Plaster Layer)	Plaster (Scratch Layer)	Plaster (Plaster Layer)
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	Yes	No	Yes
	Homogenous	Yes	No	No	No
	Fibrous	No	No	No	No
	Color	Gray	White	Gray	White
Sample Treatment		None	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	30.0	5.0	30.0	5.0
	% Carbonates	20.0	50.0	25.0	45.0
	% Other	ND	ND	ND	ND
	% Unidentified	50.0	45.0	45.0	50.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-09	5506-1969-10	5506-1969-10	5506-1969-11
Layer Number		2	1	2	1
Lab ID Number		2965777	2965778	2965778	2965779
Sample Location		Second Floor, Room 414, Wall, Soffit, On Wire Lath	Second Floor, Hall, Outside Room 414, Vestibule Ceiling, On Wire Lath	Second Floor, Hall, Outside Room 414, Vestibule Ceiling, On Wire Lath	Second Floor, Room 442, Wall, Soffit, On Wire Lath
Sample Description		Plaster (Scratch Layer)	Plaster (Plaster Layer)	Plaster (Scratch Layer)	Plaster (Plaster Layer)
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	Yes	No	Yes
	Homogenous	No	No	No	No
	Fibrous	No	No	No	No
	Color	Gray/Brown	White	Gray/Brown	White
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	35.0	5.0	30.0	5.0
	% Carbonates	20.0	50.0	25.0	45.0
	% Other	ND	ND	ND	ND
	% Unidentified	45.0	45.0	45.0	50.0

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
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Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-11	5506-1969-13	5506-1969-14	5506-1969-15
Layer Number		2			
Lab ID Number		2965779	2965780	2965781	2965782
Sample Location		Second Floor, Room 442, Wall, Soffit, On Wire Lath	Second Floor, Hall, Outside Room 423, Above Suspended Ceiling, On Metal Elbow	Second Floor, Hall, Outside Room 423, Above Suspended Ceiling, On Metal Elbow	Second Floor, Hall, Outside Room 416, On Metal Elbow
Sample Description		Plaster (Scratch Layer)	Mudded Joint Packing	Mudded Joint Packing	Mudded Joint Packing
Method of Quantification		Scanning Option	Point Count	Point Count	Point Count
Appearance	Layered	No	No	No	No
	Homogenous	No	No	No	No
	Fibrous	No	Yes	Yes	Yes
	Color	Gray/Brown	Gray	Gray	Gray
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	2.0	2.0	2.1
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	2.0	2.0	2.1
Other Fibrous Materials Present	% Fibrous Glass	ND	20.0	24.4	25.6
	% Cellulose	ND	10.0	9.8	10.3
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	30.0	ND	ND	ND
	% Carbonates	25.0	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	45.0	68.0	63.8	62.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
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Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-18	5506-1969-19	5506-1969-20	5506-1969-29
Layer Number					
Lab ID Number		2965783	2965784	2965785	2965786
Sample Location		Second Floor, Hall, Above Suspended Ceiling, On Metal Pipe	Second Floor, Hall, Outside Room 416, Above Suspended Ceiling, On Metal Pipe	Second Floor, Hall, Outside Room 423, Above Suspended Ceiling, On Metal Pipe	Second Floor, Room 443, Bathroom, Wall, On Block
Sample Description		Pipe Insulation	Pipe Insulation	Pipe Insulation	Ceramic Wall Tile
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	Yes	Yes	Yes	Yes
	Homogenous	No	No	No	No
	Fibrous	Yes	Yes	Yes	No
	Color	Yellow/White/Silver	Yellow/White/Silver	Yellow/White/Silver	White/Yellow
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	40.0	40.0	30.0	ND
	% Cellulose	15.0	10.0	15.0	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	10.0	10.0	15.0	40.0
	% Carbonates	10.0	15.0	10.0	ND
	% Other	ND	ND	ND	ND
	% Unidentified	25.0	25.0	30.0	60.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

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Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-30	5506-1969-31	5506-1969-32	5506-1969-33
Layer Number					
Lab ID Number		2965787	2965788	2965789	2965790
Sample Location		Second Floor, Room 421, Bathroom, Wall, On Block	Second Floor, Room 422, Bathroom, Wall	Second Floor, Room 443, Bathroom, Wall	Second Floor, Room 422, Bathroom, Wall, On Ceramic Wall Tile
Sample Description		Ceramic Wall Tile	Ceramic Wall Tile	Ceramic Wall Tile	Grout
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	Yes	Yes	Yes	No
	Homogenous	No	No	No	Yes
	Fibrous	No	No	No	No
	Color	White/Yellow	Tan	Tan	Gray
Sample Treatment		Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	40.0	35.0	40.0	15.0
	% Carbonates	ND	ND	ND	30.0
	% Other	ND	ND	ND	ND
	% Unidentified	60.0	65.0	60.0	55.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

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Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-34	5506-1969-35	5506-1969-36	5506-1969-37
Layer Number					
Lab ID Number		2965791	2965792	2965793	2965794
Sample Location		Second Floor, Room 443, Bathroom, Wall, On Ceramic Wall Tile	Second Floor, Room 422, Bathroom, Wall, On Cementitious Block and Mortar	Second Floor, Room 443, Bathroom, Wall, On Cementitious Block and Mortar	Second Floor, Room 413B, Bathroom, Floor, On Ceramic Floor Tile
Sample Description		Grout	Mortar	Mortar	Grout
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Gray	White	White	Gray
Sample Treatment		None	None	None	None
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	20.0	20.0	15.0	25.0
	% Carbonates	30.0	30.0	35.0	25.0
	% Other	ND	ND	ND	ND
	% Unidentified	50.0	50.0	50.0	50.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
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Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-38	5506-1969-39	5506-1969-40	5506-1969-41
Layer Number					
Lab ID Number		2965795	2965796	2965797	2965798
Sample Location		Second Floor, Room 413G, Bathroom , Floor, On Ceramic Floor Tile	Second Floor, Room 413B, Bathroom, Floor	Second Floor, Room 413G, Bathroom , Floor	Second Floor, Room 421, Bathroom, Floor, Under Setting Bed
Sample Description		Grout	Ceramic Floor Tile	Ceramic Floor Tile	Cementitious Slab
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	Yes	Yes	No
	Homogenous	Yes	No	No	No
	Fibrous	No	No	No	No
	Color	Gray	Gray/White	Gray/White	Gray
Sample Treatment		None	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	25.0	40.0	40.0	20.0
	% Carbonates	20.0	ND	ND	35.0
	% Other	ND	ND	ND	ND
	% Unidentified	55.0	60.0	60.0	45.0

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ASB Inspection - 103 Gibson Road - Goshen, NY

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Collected By : S. Talsma/D. Stamper
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Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-42	5506-1969-43	5506-1969-44	5506-1969-45
Layer Number					
Lab ID Number		2965799	2965800	2965801	2965802
Sample Location		Second Floor, Room 422, Bathroom, Floor, Under Setting Bed	Second Floor, Room 422, Bathroom, Floor, On Ceramic Floor Tile	Second Floor, Room 443, Bathroom, Floor, On Ceramic Floor Tile	Second Floor, Room 422, Bathroom, Floor, Second Layer, On Ceramic Floor Tile
Sample Description		Cementitious Slab	Grout	Grout	Leveling Compound
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	No	No
	Homogenous	No	Yes	Yes	No
	Fibrous	No	No	No	No
	Color	Gray	Brown	Brown	Gray/Brown
Sample Treatment		Homogenized	None	None	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	20.0	25.0	30.0	25.0
	% Carbonates	35.0	25.0	20.0	30.0
	% Other	ND	ND	ND	ND
	% Unidentified	45.0	50.0	50.0	45.0

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

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Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-46	5506-1969-47	5506-1969-48	5506-1969-49
Layer Number					
Lab ID Number		2965803	2965804	2965805	2965806
Sample Location		Second Floor, Room 443, Bathroom, Floor, Second Layer, On Ceramic Floor Tile	Second Floor, Room 422, Bathroom, Floor, Top Layer	Second Floor, Room 443, Bathroom, Floor, Top Layer	Second Floor, Room 421, Bathroom, Floor, Bottom Layer
Sample Description		Leveling Compound	Ceramic Floor Tile	Ceramic Floor Tile	Setting Bed
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	Yes	Yes	No
	Homogenous	No	No	No	No
	Fibrous	No	No	No	No
	Color	Gray/Brown	Brown/White	Brown/White	Gray/Brown
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	30.0	40.0	45.0	30.0
	% Carbonates	30.0	ND	ND	35.0
	% Other	ND	ND	ND	ND
	% Unidentified	40.0	60.0	55.0	35.0

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1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-50	5506-1969-51	5506-1969-52	5506-1969-53
Layer Number					
Lab ID Number		2965807	2965808	2965809	2965810
Sample Location		Second Floor, Room 422, Bathroom, Floor, Bottom Layer	Second Floor, Room 421, Bathroom, Floor, On Ceramic Floor Tile	Second Floor, Room 422, Bathroom, Floor, On Ceramic Floor Tile	Second Floor, Room 410, Floor
Sample Description		Setting Bed	Grout	Grout	Ceramic Floor Tile
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	No	No
	Homogenous	No	No	No	Yes
	Fibrous	No	No	No	No
	Color	Gray/Brown	Brown/Gray	Brown/Gray	Pink
Sample Treatment		Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	25.0	25.0	25.0	40.0
	% Carbonates	35.0	30.0	35.0	ND
	% Other	ND	ND	ND	ND
	% Unidentified	40.0	45.0	40.0	60.0

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NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-54	5506-1969-63	5506-1969-64	5506-1969-65
Layer Number					
Lab ID Number		2965811	2965812	2965813	2965814
Sample Location		Second Floor, Room 422, Floor	Second Floor, Room 422, Floor	Third Floor, Hall, Outside Room 311, Above Wall Lockers, Wall, On Sheetrock	Third Floor, Hall, Outside Room 331, Above Wall Lockers, Wall, On Sheetrock
Sample Description		Ceramic Floor Tile	Joint Compound	Joint Compound	Joint Compound
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Pink	White	White	White
Sample Treatment		None	None	None	None
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	40.0	25.0	25.0	30.0
	% Carbonates	ND	30.0	35.0	35.0
	% Other	ND	ND	ND	ND
	% Unidentified	60.0	45.0	40.0	35.0

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NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-66	5506-1969-67	5506-1969-68	5506-1969-69
Layer Number					
Lab ID Number		2965815	2965816	2965817	2965818
Sample Location		Third Floor, Room 327B, Ceiling, On Sheetrock	Third Floor, Room 327G, Ceiling, On Sheetrock	First Floor, Room 127G, Ceiling, On Sheetrock	First Floor, Room 127B, Ceiling, On Sheetrock
Sample Description		Joint Compound	Joint Compound	Joint Compound	Joint Compound
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	Yes	Yes	Yes	Yes
	Homogenous	No	No	No	No
	Fibrous	No	No	No	No
	Color	White	White	White	White
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	30.0	25.0	25.0	30.0
	% Carbonates	30.0	30.0	35.0	35.0
	% Other	ND	ND	ND	ND
	% Unidentified	40.0	45.0	40.0	35.0

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NYS Lab No. 10851
Paul Stascavage ,Lab Director

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Wappingers Falls, NY 12590

Sample ID Number		5506-1969-70	5506-1969-71	5506-1969-72	5506-1969-73
Layer Number					
Lab ID Number		2965819	2965820	2965821	2965822
Sample Location		Second Floor, Hall, Outside Room 227C, Above Double Doors, Wall, Partition, On	Second Floor, Hall, Outside Room 201, Above Lockers, Wall, On Sheetrock	Third Floor, Hall, Outside Room 301, Above Lockers, Wall	Third Floor, Room 308G, Ceiling
Sample Description		Joint Compound	Joint Compound	Sheetrock	Sheetrock
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	Yes	Yes
	Homogenous	Yes	Yes	No	No
	Fibrous	No	No	Yes	Yes
	Color	White	White	Gray/Brown	Gray/Brown
Sample Treatment		None	None	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	5.0	5.0
	% Cellulose	ND	ND	15.0	10.0
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	25.0	25.0	15.0	15.0
	% Carbonates	35.0	30.0	30.0	30.0
	% Other	ND	ND	ND	ND
	% Unidentified	40.0	45.0	35.0	40.0

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

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Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-74	5506-1969-75	5506-1969-77	5506-1969-78
Layer Number					
Lab ID Number		2965823	2965824	2965825	2965826
Sample Location		First Floor, Room 127B, Wall, On Ceramic Cove Base Molding	First Floor, Room 127G, Wall, On Ceramic Cove Base Molding	First Floor, Room 127B, Wall	First Floor, Room 127G, Wall
Sample Description		Grout	Grout	Ceramic Cove Base Molding and Mastic (Molding Layer)	Ceramic Cove Base Molding
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	Yes	Yes
	Homogenous	Yes	Yes	No	No
	Fibrous	No	No	No	No
	Color	White	White	White/Gray	White/Gray
Sample Treatment		None	None	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	15.0	20.0	30.0	35.0
	% Carbonates	35.0	35.0	15.0	15.0
	% Other	ND	ND	ND	ND
	% Unidentified	50.0	45.0	55.0	50.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-79	5506-1969-80	5506-1969-81	5506-1969-82
Layer Number					
Lab ID Number		2965827	2965828	2965829	2965830
Sample Location		First Floor, Room 127B, Floor, Under Ceramic Floor Tile and Leveling Compound	First Floor, Room 127G, Floor, Under Ceramic Floor Tile and Leveling Compound	First Floor, Room 127B, Floor, Under Ceramic Floor Tile, On Concrete	First Floor, Room 127G, Floor, Under Ceramic Floor Tile, On Concrete
Sample Description		Concrete	Concrete	Leveling Compound	Leveling Compound
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	No	No
	Homogenous	No	No	No	No
	Fibrous	No	No	No	No
	Color	Gray	Gray	Gray	Gray
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	30.0	25.0	25.0	25.0
	% Carbonates	30.0	30.0	30.0	25.0
	% Other	ND	ND	ND	ND
	% Unidentified	40.0	45.0	45.0	50.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-83	5506-1969-84	5506-1969-95	5506-1969-96
Layer Number					
Lab ID Number		2965831	2965832	2965833	2965834
Sample Location		First Floor, Room 127B, Floor, On Ceramic Floor Tile	First Floor, Room 127G, Floor, On Ceramic Floor Tile	First Floor, Room 127B, Floor	First Floor, Room 127G, Floor
Sample Description		Grout	Grout	Ceramic Floor Tile	Ceramic Floor Tile
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	No
	Fibrous	No	No	No	No
	Color	Gray	Gray	Gray	Gray
Sample Treatment		None	None	None	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	30.0	35.0	35.0	35.0
	% Carbonates	20.0	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	50.0	65.0	65.0	65.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-97	5506-1969-98
Layer Number			
Lab ID Number		2965835	2965836
Sample Location		Third Floor, Room 305, Wall, Partition, On Cementitious Block	Third Floor, Room 305, Wall, Partition
Sample Description		Mortar	Cementitious Slab
Method of Quantification		Scanning Option	Scanning Option
Appearance	Layered	No	No
	Homogenous	No	No
	Fibrous	No	No
	Color	Gray	Gray/Black
Sample Treatment		Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND
	% Chrysotile	ND	ND
	% Other	ND	ND
	% Total Asbestos	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND
	% Cellulose	ND	ND
	% Other	ND	ND
	% Unidentified	ND	ND
Non-Fibrous Materials Present	% Silicates	30.0	20.0
	% Carbonates	25.0	30.0
	% Other	ND	ND
	% Unidentified	45.0	50.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/15/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-118	5506-119	5506-120	5506-121
Layer Number					
Lab ID Number		2966187	2966188	2966189	2966190
Sample Location		1st Floor, 1983 Building, Hallway, Above Suspended Ceiling, Wall	1st Floor, 1983 Building, Room 471, Above Suspended Ceiling, Wall	1st Floor, 1983 Building, Hallway, Above Suspended Ceiling, On Sheetrock Wall	1st Floor, 1983 Building, Room 473, Above Suspended Ceiling, On Sheetrock Wall
Sample Description		Sheetrock	Sheetrock	Joint Compound	Joint Compound
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	Yes	Yes	No	No
	Homogenous	No	No	Yes	Yes
	Fibrous	Yes	Yes	No	No
	Color	Gray/Brown	Gray/Brown	White	White
Sample Treatment		Homogenized	Homogenized	None	None
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	5.0	5.0	ND	ND
	% Cellulose	15.0	5.0	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	15.0	15.0	25.0	30.0
	% Carbonates	30.0	30.0	35.0	30.0
	% Other	ND	ND	ND	ND
	% Unidentified	35.0	45.0	40.0	40.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/15/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-122	5506-123	5506-124	5506-125
Layer Number					
Lab ID Number		2966191	2966192	2966193	2966194
Sample Location		1st Floor, 1983 Building, Room 473, Above Suspended Ceiling, On Sheetrock Wall	1st Floor, 1983 Building, Hallway, Above Suspended Ceiling, On Sheetrock Wall	1st Floor, 1983 Building, Hallway, Above Suspended Ceiling, On Sheetrock Wall	1st Floor, 1983 Building, Room 401, Above Suspended Ceiling, On Sheetrock Wall
Sample Description		Joint Tape	Joint Tape	Joint Compound	Joint Compound
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	Yes	Yes	No	No
	Homogenous	No	No	Yes	Yes
	Fibrous	Yes	Yes	No	No
	Color	Beige/White	Beige/White	White	White
Sample Treatment		Homogenized	Homogenized	None	None
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	50.0	55.0	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	10.0	10.0	25.0	25.0
	% Carbonates	15.0	10.0	35.0	30.0
	% Other	ND	ND	ND	ND
	% Unidentified	25.0	25.0	40.0	45.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/15/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-126	5506-127	5506-128	5506-129
Layer Number					
Lab ID Number		2966195	2966196	2966197	2966198
Sample Location		1st Floor, 1983 Building, Room 464, Above Suspended Ceiling, On Sheetrock Wall	1st Floor, 1983 Building, Room 465, Above Suspended Ceiling, On Sheetrock Wall	1st Floor, 1983 Building, Room 466, Above Suspended Ceiling, On Sheetrock Wall	1st Floor, 1983 Building, Room 469, Above Suspended Ceiling, On Sheetrock Wall
Sample Description		Joint Compound	Joint Compound	Joint Compound	Joint Compound
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	Yes	Yes
	Homogenous	Yes	Yes	No	No
	Fibrous	No	No	No	No
	Color	White	White	White/Gray	White/Gray
Sample Treatment		None	None	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	25.0	25.0	30.0	30.0
	% Carbonates	30.0	35.0	35.0	30.0
	% Other	ND	ND	ND	ND
	% Unidentified	45.0	40.0	35.0	40.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/15/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-130	5506-139	5506-140	5506-141
Layer Number					
Lab ID Number		2966199	2966200	2966201	2966202
Sample Location		1st Floor, 1983 Building, Room 470, Above Suspended Ceiling, Wall, On Sheetrock	1st Fl, 1983 Bldg, Boy's Bathroom, Floor, Under Ceramic FT, On Cementitious Slab	1st Fl, 1983 Bldg, Girl's Bathroom, Floor, Under Ceramic FT, On Cementitious Slab	1st Floor, 1983 Building, Boy's Bathroom, Floor, On Ceramic Floor Tile
Sample Description		Joint Compound	Mudset	Mudset	Grout
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	Yes	Yes	Yes	No
	Homogenous	No	No	No	Yes
	Fibrous	No	Yes	Yes	No
	Color	White	Gray/White	Gray/White	Gray/Brown
Sample Treatment		Homogenized	Homogenized	Homogenized	None
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	15.0 Synthetics	20.0 Synthetics	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	30.0	15.0	15.0	30.0
	% Carbonates	30.0	30.0	30.0	20.0
	% Other	ND	ND	ND	ND
	% Unidentified	40.0	40.0	35.0	50.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/15/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-142	5506-143	5506-144	5506-145
Layer Number					
Lab ID Number		2966203	2966204	2966205	2966206
Sample Location		1st Floor, 1983 Building, Girl's Bathroom, Floor, On Ceramic Floor Tile	1st Floor, 1983 Building, Boy's Bathroom, Floor	1st Floor, 1983 Building, Girl's Bathroom, Floor	1st Floor, 1983 Building, Boy's Bathroom, Wall, On Ceramic Wall Tile
Sample Description		Grout	Ceramic Floor Tile	Ceramic Floor Tile	Grout
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Gray/Brown	Gray	Gray	White
Sample Treatment		None	None	None	None
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	25.0	40.0	35.0	15.0
	% Carbonates	20.0	ND	ND	30.0
	% Other	ND	ND	ND	ND
	% Unidentified	55.0	60.0	65.0	55.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/15/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-146	5506-147	5506-148	5506-149
Layer Number					
Lab ID Number		2966207	2966208	2966209	2966210
Sample Location		1st Floor, 1983 Building, Boy's Bathroom, Wall, On Ceramic Wall Tile	1st Floor, 1983 Building, Girl's Bathroom, Wall	1st Floor, 1983 Building, Boy's Bathroom, Wall	1st Floor, 1986 Building, Room 108, Wall, Base, Ceramic Tile
Sample Description		Grout	Ceramic Wall Tile & Mastic (Tile Layer)	Ceramic Wall Tile & Mastic (Tile Layer)	6in White Cove Base Ceramic & Mastic (Cove Base Layer)
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	Yes	Yes	Yes
	Homogenous	Yes	No	No	No
	Fibrous	No	No	No	No
	Color	White	White	White	White
Sample Treatment		None	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	20.0	35.0	35.0	40.0
	% Carbonates	30.0	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	50.0	65.0	65.0	60.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/15/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-150	5506-151	5506-152	5506-153
Layer Number					
Lab ID Number		2966211	2966212	2966213	2966214
Sample Location		1st Floor, 1986 Building, Room 108G, Floor	1st Floor, 1986 Building, Room 108G, Wall, On 6" Ceramic Cove Base	1st Floor, 1986 Building, Room 108G, Floor, Below Ceramic Floor Tile, On Concrete	1st Floor, 1986 Building, Room 108G, Floor
Sample Description		Ceramic Floor Tile	Grout	Leveling Compound	Grout
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	No	Yes
	Fibrous	No	No	No	No
	Color	Gray/White	Gray	Brown/Gray	Black
Sample Treatment		None	None	Homogenized	None
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	40.0	25.0	25.0	25.0
	% Carbonates	ND	25.0	30.0	20.0
	% Other	ND	ND	ND	ND
	% Unidentified	60.0	50.0	45.0	55.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/15/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-154	5506-155	5506-156
Layer Number				
Lab ID Number		2966215	2966216	2966217
Sample Location		1st Floor, 1986 Building, Room 108G, Floor, Below Leveling Compound	1st Floor, 1986 Building, Room 108-B, Wall, On Ceramic Wall Tile	1st Floor, 1986 Building, Room 108-B, Wall, On CMV Block
Sample Description		Concrete	Grout	Ceramic Wall Tile & Mastic (Tile Layer)
Method of Quantification		Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	Yes
	Homogenous	Yes	Yes	No
	Fibrous	No	No	No
	Color	Gray	Gray	White
Sample Treatment		None	None	Homogenized
Asbestos Content	% Amosite	ND	ND	ND
	% Chrysotile	ND	ND	ND
	% Other	ND	ND	ND
	% Total Asbestos	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND
	% Cellulose	ND	ND	ND
	% Other	ND	ND	ND
	% Unidentified	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	30.0	25.0	35.0
	% Carbonates	35.0	25.0	ND
	% Other	ND	ND	ND
	% Unidentified	35.0	50.0	65.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-12	5506-1969-16	5506-1969-17	5506-1969-21
Layer Number					
Lab ID Number		2965020	2965021	2965022	2965023
Sample Location		2nd Floor, Hall, Outside Rom 442, Suspended Ceiling, 2 x 2 Dot Canyon	2nd Floor, Room 402, Sink, On Metal Basin	2nd Floor, Room 418, Sink, On Metal Basin	2nd Floor, Room 402, Floor, 2' x 2' Carpet Tiles, On Cementitious Slab
Sample Description		Ceiling Tile	Anti-Sweat Tar	Anti-Sweat Tar	Carpet Mastic
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	Yes	No	No	No
	Homogenous	No	Yes	Yes	Yes
	Fibrous	Yes	No	No	No
	Color	Gray/Red	Black	Black	Gray
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	0.6	0.4	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	0.6 Inconclusive	0.4 Inconclusive	ND Inconclusive
Other Materials Present	% Organic	11.9	19.9	20.3	79.9
	% Carbonates	2.6	70.2	69.9	12.7
	% Other Inorganic	85.5	9.3	9.4	7.4

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-22	5506-1969-23	5506-1969-24	5506-1969-25
Layer Number					
Lab ID Number		2965024	2965025	2965026	2965027
Sample Location		2nd Floor, Room 408, Floor, 2' x 2' Carpet Tiles, On Cementitious Slab	2nd Floor, Room 416, Floor, Under 2' x 2' Carpet Tiles, On 12" x 12" Floor Tiles	2nd Floor, Room 416, Floor, Under 2' x 2' Carpet Tiles, On 12" x 12" Floor Tiles	2nd Floor, Room 414, Floor, 12" x 12" Floor Tile, On Cementitious Slab
Sample Description		Carpet Mastic	Carpet Mastic	Carpet Mastic	Mastic
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	Yes
	Homogenous	Yes	Yes	Yes	No
	Fibrous	No	No	No	No
	Color	Brown	Tan	Tan	Black/Tan
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	< 0.1
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND	ND	< 0.1
Other Materials Present	% Organic	59.5	97.8	97.7	75.8
	% Carbonates	26.6	2.1	2.1	23.8
	% Other Inorganic	13.9	0.1	0.2	0.4

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-26	5506-1969-27	5506-1969-28	5506-1969-55
Layer Number					
Lab ID Number		2965028	2965029	2965030	2965031
Sample Location		2nd Floor, Room 423, Floor, 12" x 12" Floor Tile, On Terrazzo	2nd Floor, Room 414, Floor, 12" x 12"	2nd Floor, Room 423, Floor, 12" x 12"	2nd Floor, Room 428G, Bathroom, Floor, On Terrazzo
Sample Description		Mastic	Floor Tile	Floor Tile	Epoxy
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	Yes
	Homogenous	Yes	Yes	Yes	No
	Fibrous	No	No	No	No
	Color	Tan	White	White	Gray/White
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND Inconclusive
Other Materials Present	% Organic	92.1	32.4	32.9	48.2
	% Carbonates	7.7	67.4	66.6	30.0
	% Other Inorganic	0.2	0.2	0.5	21.8

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-56	5506-1969-57	5506-1969-58	5506-1969-59
Layer Number					
Lab ID Number		2965032	2965033	2965034	2965035
Sample Location		2nd Floor, Room 434B, Floor, On Terrazzo	2nd Floor, Room 419, Health Office, Bathroom, Floor, On Cementitious Slab	2nd Floor, Room 419, Health Office, Bathroom, Floor, On Cementitious Slab	2nd Floor, Room 419, Health Office, Bathroom, Floor, 12" x 12", Tan
Sample Description		Epoxy	Mastic	Mastic	Floor Tile
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	Yes	Yes	Yes	No
	Homogenous	No	No	No	Yes
	Fibrous	No	No	No	No
	Color	Gray/White	Tan/Gray	Tan/Gray	Tan
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	40.5	31.5	39.5	26.5
	% Carbonates	36.4	29.5	28.7	72.3
	% Other Inorganic	23.1	39.0	31.8	1.2

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-60	5506-1969-61	5506-1969-62	5506-1986-76
Layer Number					
Lab ID Number		2965036	2965037	2965038	2965039
Sample Location		2nd Floor, Room 419, Health Office, Bathroom, Floor, 12" x 12", Tan	2nd Fl, Room 419, Health Office, Bathroom, Wall, 6in, On Cementitious Block	2nd Floor, Room 419, Health Office, Bathroom, Wall, 6 inch, Black	1st Floor, Room 127G, Wall, Ceramic Cove Basr Molding, On Cementitious Block
Sample Description		Floor Tile	Mastic	Cove Base Molding	Mastic
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Tan	Beige	Black	Tan
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND Inconclusive	ND
Other Materials Present	% Organic	26.8	40.8	63.4	34.0
	% Carbonates	71.7	48.2	32.0	65.8
	% Other Inorganic	1.5	11.0	4.6	0.2

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1986-77	5506-1986-85	5506-1986-86	5506-1986-87
Layer Number					
Lab ID Number		2965040	2965041	2965042	2965043
Sample Location		1st Floor, Room 127B, Wall	3rd Floor, Room 316, Floor, Under Carpet, On Cementitious Slab	3rd Floor, Room 318, Floor, Under Carpet, On Cementitious Slab	1st Floor, Stairwell "F", Floor, 12" x 12" Floor Tile, On Cementitious Slab
Sample Description		Ceramic Cove Base Molding and Mastic (Mastic Layer)	Carpet Mastic	Carpet Mastic	Mastic
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Tan	Tan	Tan	Tan/Black
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	< 0.1
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND Inconclusive	ND Inconclusive	< 0.1
Other Materials Present	% Organic	36.1	60.6	56.3	90.7
	% Carbonates	62.9	3.5	4.2	8.6
	% Other Inorganic	1.0	35.9	39.5	0.7

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1986-88	5506-1986-89	5506-1986-90	5506-1986-91
Layer Number					
Lab ID Number		2965044	2965045	2965046	2965047
Sample Location		3rd Floor, Room 305, Floor, 12" x 12" Floor Tile, On Cementitious Slab	1st Floor, Stairwell "F", Floor, 12" x 12"	3rd Floor, Room 305, Floor, 12" x 12"	1st Floor, Room 137, Floor, 12" x 12" Floor Tile, On Cementitious Slab
Sample Description		Mastic	Floor Tile	Floor Tile	Mastic
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Tan/Black	White	White	Black
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	< 0.1	ND	ND	1.8
	% Other	ND	ND	ND	ND
	% Total Asbestos	< 0.1	ND Inconclusive	ND Inconclusive	1.8
Other Materials Present	% Organic	94.0	34.6	34.0	82.1
	% Carbonates	5.4	59.5	64.3	8.1
	% Other Inorganic	0.6	5.9	1.7	8.0

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1986-92	5506-1986-93	5506-1986-94	5506-1986-99
Layer Number					1
Lab ID Number		2965048	2965049	2965050	2965051
Sample Location		3rd Floor, Room 301, Floor, 12" x 12" Floor Tile, On Cementitious Slab	1st Floor, Room 137, Floor, 12" x 12"	3rd Floor, Room 301, Floor, 12" x 12"	3rd Floor, Hall, Wall, On Cementitious Block and Mortar, 6 inch, Black
Sample Description		Mastic	Floor Tile	Floor Tile	Cove Base Molding and Mastic (Cove Base Layer)
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Black	Gray	Gray	Black
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	1.1	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	1.1	ND Inconclusive	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	81.7	19.4	18.4	60.0
	% Carbonates	9.7	77.1	80.1	38.4
	% Other Inorganic	7.5	3.5	1.5	1.6

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1986-99	5506-1986-100	5506-1986-100	5506-1986-101
Layer Number		2	1	2	1
Lab ID Number		2965051	2965052	2965052	2965053
Sample Location		3rd Floor, Hall, Wall, On Cementitious Block and Mortar, 6 inch, Black	2nd Floor, Hall, Wall, On Cementitious Block and Mortar, 6 inch, Black	2nd Floor, Hall, Wall, On Cementitious Block and Mortar, 6 inch, Black	1st Floor, Room 101, Wall, On Cementitious Block and Mortar, 4 inch, Brown
Sample Description		Cove Base Molding and Mastic (Mastic Layer)	Cove Base Molding and Mastic (Cove Base Layer)	Cove Base Molding and Mastic (Mastic Layer)	Cove Base Molding and Mastic (Cove Base Layer)
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Tan	Black	Tan	Brown
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND Inconclusive	ND
Other Materials Present	% Organic	66.8	60.7	72.6	66.7
	% Carbonates	6.2	23.8	3.0	33.1
	% Other Inorganic	27.0	15.5	24.4	0.2

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1986-101	5506-1986-102	5506-1986-102	5506-1986-103
Layer Number		2	1	2	
Lab ID Number		2965053	2965054	2965054	2965055
Sample Location		1st Floor, Room 101, Wall, On Cementitious Block and Mortar, 4 inch, Brown	2nd Floor, Room 227C, Wall, On Cementitious Block and Mortar, 4 inch, Brown	2nd Floor, Room 227C, Wall, On Cementitious Block and Mortar, 4 inch, Brown	1st Floor, Hall, Ceiling, Suspended, 2" x 2", Dot Canyon
Sample Description		Cove Base Molding and Mastic (Mastic Layer)	Cove Base Molding and Mastic (Cove Base Layer)	Cove Base Molding and Mastic (Mastic Layer)	Ceiling Tile
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	Yes
	Color	Tan	Brown	Tan	Beige
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	40.7	62.9	38.4	19.7
	% Carbonates	19.7	37.0	10.6	2.9
	% Other Inorganic	39.6	0.1	51.0	77.4

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1986-104	5506-1986-105	5506-1986-106	5506-1986-107
Layer Number					
Lab ID Number		2965056	2965057	2965058	2965059
Sample Location		3rd Floor, Hall, Ceiling, Suspended, 2" x 2", Dot Canyon	3rd Floor, Room 308G, Ceiling, Sheetrock to Cementitious Block and Mortar	3rd Floor, Room 308G, Ceiling, Sheetrock to Cementitious Block and Mortar	2nd Floor, Room 207, Window, Frame, Metal to Stone Sill
Sample Description		Ceiling Tile	Caulk	Caulk	Caulk
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	Yes	No	No	No
	Color	Beige	White	White	White
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	19.4	27.7	27.3	35.7
	% Carbonates	13.4	71.2	71.3	62.6
	% Other Inorganic	67.2	1.1	1.4	1.7

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1986-108	5506-1986-109	5506-1986-110	5506-1986-111
Layer Number					
Lab ID Number		2965060	2965061	2965062	2965063
Sample Location		3rd Floor, Room 301, Window, Frame, Metal to Stone Sill	3rd Fl, Room 305, Wall by Door, On Cementitious Block and Mortar Expansion Joint	3rd Fl, Room 305, Wall by Door, On Cementitious Block and Mortar Expansion Joint	Exterior, Front, Main Entrance, Vestibule, Metal to Brick and Mortar
Sample Description		Caulk	Caulk	Caulk	Caulk
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	White	White	White	Gray
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	29.7	32.3	32.2	78.9
	% Carbonates	68.8	66.3	66.4	18.6
	% Other Inorganic	1.5	1.4	1.4	2.5

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/14/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1986-112	5506-1986-113	5506-1986-114	5506-1986-115
Layer Number					
Lab ID Number		2965064	2965065	2965066	2965067
Sample Location		Exterior, West Side, Double Door, Frame, Metal to Brick and Mortar	Exterior, East Side, Double Door "C", Frame, Metal to Brick and Mortar	Exterior, Northwest Side, First Floor, Window, Frame, Metal to Stone Facade	3rd Floor, Room 301, Window, Frame to Stone Sill, Black
Sample Description		Caulk	Caulk	Caulk	Caulk
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Gray	Gray	Gray	Gray
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	25.2	28.1	73.1	72.4
	% Carbonates	61.7	58.9	21.6	19.5
	% Other Inorganic	13.1	13.0	5.3	8.1

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/10/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-116	5506-117	5506-131	5506-132
Layer Number					
Lab ID Number		2964673	2964674	2964675	2964676
Sample Location		1st Floor, 1983 Building, Hallway, Suspended Ceiling, 2' x 4' Dot Canyon	1st Floor, 1983 Building, Room 470, Suspended Ceiling, 2' x 4' Dot Canyon	1st Floor, 1983 Building, Room 468, Floor, 12 x 12	1st Floor, 1983 Building, Room 468, Floor, 12 x 12 Floor Tile on Cementitious Slab
Sample Description		Ceiling Tile	Ceiling Tile	Floor Tile	Mastic
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	Yes	Yes	No	No
	Homogenous	No	No	Yes	Yes
	Fibrous	Yes	Yes	No	No
	Color	Gray/White	Gray/White	Beige/White/Red	Black/Tan
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND	ND Inconclusive
Other Materials Present	% Organic	25.3	25.6	31.1	59.2
	% Carbonates	49.8	46.6	68.5	24.7
	% Other Inorganic	24.9	27.8	0.4	16.1

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/10/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-133	5506-134	5506-135	5506-136
Layer Number					
Lab ID Number		2964677	2964678	2964679	2964680
Sample Location		1st Floor, 1983 Building, Room 469, Floor, 12 x 12	1st Floor, 1983 Building, Room 469, Floor, 12 x 12 Floor Tile on Cementitious Slab	1st Floor, 1983 Building, Hallway by Exit Door, 12 x 12	1st Floor, 1983 Building, Hallway by Exit Door, 12 x 12
Sample Description		Floor Tile	Mastic	Floor Tile	Floor Tile
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Beige/White/Red	Tan/Brown	Black/White/Gray	Black/White/Gray
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND Inconclusive	ND	ND
Other Materials Present	% Organic	30.6	62.5	31.4	31.5
	% Carbonates	68.9	26.7	67.7	67.7
	% Other Inorganic	0.5	10.8	0.9	0.8

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/10/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-137	5506-138	5506-147	5506-148
Layer Number					
Lab ID Number		2964681	2964682	2964683	2964684
Sample Location		1st Floor, 1983 Building, Hallway by Exit Door, 12 x 12 Floor Tile, On Concrete	1st Floor, 1983 Building, Hallway by Exit Door, 12 x 12 Floor Tile, On Concrete	1st Floor, 1983 Building, Girl's Bathroom, Wall	1st Floor, 1983 Building, Boy's Bathroom, Wall
Sample Description		Mastic	Mastic	Ceramic Wall Tile & Mastic (Mastic Layer)	Ceramic Wall Tile & Mastic (Mastic Layer)
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Tan	Tan	White/Gray	White/Gray
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	67.6	68.4	16.8	20.7
	% Carbonates	32.2	31.0	74.8	70.5
	% Other Inorganic	0.2	0.6	8.4	8.8

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
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Date Received : 11/07/2023
Date Analyzed : 11/10/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-149	5506-156	5506-157	5506-158
Layer Number					1
Lab ID Number		2964685	2964686	2964687	2964688
Sample Location		1st Floor, 1986 Building, Room 108, Wall, Base, Ceramic Tile	1st Floor, 1986 Building, Room 108-B, Wall, On CMV Block	2nd Floor, 1986 Building, Hallway, Outside Stairway C, Window, Frame, Metal to Stone Sill	1st Floor, 1986 Building, Wall, On Sheetrock, 6 In. Block
Sample Description		6 In. White Cove Base Ceramic & Mastic (Mastic Layer)	Ceramic Wall Tile & Mastic (Mastic Layer)	Caulk	Cove Base Molding & Mastic (Cove Base Layer)
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Gray	Gray	Black	Black
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND Inconclusive	ND
Other Materials Present	% Organic	32.2	31.9	73.9	59.3
	% Carbonates	67.6	67.9	21.1	39.7
	% Other Inorganic	0.2	0.2	5.0	1.0

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/10/2023
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-158	5506-159	5506-159
Layer Number		2	1	2
Lab ID Number		2964688	2964689	2964689
Sample Location		1st Floor, 1986 Building, Wall, On Sheetrock, 6 In. Block	1st Floor, 1986 Building, Wall, On Sheetrock, 6 In. Block	1st Floor, 1986 Building, Wall, On Sheetrock, 6 In. Block
Sample Description		Cove Base Molding & Mastic (Mastic Layer)	Cove Base Molding & Mastic (Cove Base Layer)	Cove Base Molding & Mastic (Mastic Layer)
Analytical Method		NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	Yes	No	Yes
	Homogenous	No	Yes	No
	Fibrous	Yes	No	Yes
	Color	Yellow/Tan	Black	Tan
Asbestos Content	% Amosite	ND	ND	ND
	% Chrysotile	ND	ND	ND
	% Other	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND	ND Inconclusive
Other Materials Present	% Organic	52.6	57.6	53.4
	% Carbonates	25.1	41.9	20.9
	% Other Inorganic	22.3	0.5	25.7

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-12	5506-1969-16	5506-1969-17	5506-1969-21
Layer Number					
Lab ID Number		2965020	2965021	2965022	2965023
Sample Location		2nd Floor, Hall, Outside Rom 442, Suspended Ceiling, 2 x 2 Dot Canyon	2nd Floor, Room 402, Sink, On Metal Basin	2nd Floor, Room 418, Sink, On Metal Basin	2nd Floor, Room 402, Floor, 2' x 2' Carpet Tiles, On Cementitious Slab
Sample Description		Ceiling Tile	Anti-Sweat Tar	Anti-Sweat Tar	Carpet Mastic
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	Yes	No	No	No
	Homogenous	No	Yes	Yes	Yes
	Fibrous	Yes	No	No	No
	Color	Gray/Red	Black	Black	Gray
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	8.6	2.5	2.4	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	8.6	2.5	2.4	ND
Other Materials Present	% Organic	11.9	19.9	20.3	79.9
	% Carbonates	2.6	70.2	69.9	12.7
	% Other Inorganic	76.9	7.4	7.4	7.4

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-22	5506-1969-55	5506-1969-56	5506-1969-57
Layer Number					
Lab ID Number		2965024	2965031	2965032	2965033
Sample Location		2nd Floor, Room 408, Floor, 2' x 2' Carpet Tiles, On Cementitious Slab	2nd Floor, Room 428G, Bathroom, Floor, On Terrazzo	2nd Floor, Room 434B, Floor, On Terrazzo	2nd Floor, Room 419, Health Office, Bathroom, Floor, On Cementitious Slab
Sample Description		Carpet Mastic	Epoxy	Epoxy	Mastic
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	Yes	Yes	Yes
	Homogenous	Yes	No	No	No
	Fibrous	No	No	No	No
	Color	Brown	Gray/White	Gray/White	Tan/Gray
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	59.5	48.2	40.5	31.5
	% Carbonates	26.6	30.0	36.4	29.5
	% Other Inorganic	13.9	21.8	23.1	39.0

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1969-58	5506-1969-59	5506-1969-60	5506-1969-61
Layer Number					
Lab ID Number		2965034	2965035	2965036	2965037
Sample Location		2nd Floor, Room 419, Health Office, Bathroom, Floor, On Cementitious Slab	2nd Floor, Room 419, Health Office, Bathroom, Floor, 12" x 12", Tan	2nd Floor, Room 419, Health Office, Bathroom, Floor, 12" x 12", Tan	2nd Fl, Room 419, Health Office, Bathroom, Wall, 6in, On Cementitious Block
Sample Description		Mastic	Floor Tile	Floor Tile	Mastic
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	Yes	No	No	No
	Homogenous	No	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Tan/Gray	Tan	Tan	Beige
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	39.5	26.5	26.8	40.8
	% Carbonates	28.7	72.3	71.7	48.2
	% Other Inorganic	31.8	1.2	1.5	11.0

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-1969-62	5506-1986-85	5506-1986-86	5506-1986-89
Layer Number					
Lab ID Number		2965038	2965041	2965042	2965045
Sample Location		2nd Floor, Room 419, Health Office, Bathroom, Wall, 6 inch, Black	3rd Floor, Room 316, Floor, Under Carpet, On Cementitious Slab	3rd Floor, Room 318, Floor, Under Carpet, On Cementitious Slab	1st Floor, Stairwell "F", Floor, 12" x 12"
Sample Description		Cove Base Molding	Carpet Mastic	Carpet Mastic	Floor Tile
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Black	Tan	Tan	White
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	63.4	60.6	56.3	34.6
	% Carbonates	32.0	3.5	4.2	59.5
	% Other Inorganic	4.6	35.9	39.5	5.9

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Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1986-90	5506-1986-93	5506-1986-94	5506-1986-99
Layer Number					1
Lab ID Number		2965046	2965049	2965050	2965051
Sample Location		3rd Floor, Room 305, Floor, 12" x 12"	1st Floor, Room 137, Floor, 12" x 12"	3rd Floor, Room 301, Floor, 12" x 12"	3rd Floor, Hall, Wall, On Cementitious Block and Mortar, 6 inch, Black
Sample Description		Floor Tile	Floor Tile	Floor Tile	Cove Base Molding and Mastic (Cove Base Layer)
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	White	Gray	Gray	Black
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	34.0	19.4	18.4	60.0
	% Carbonates	64.3	77.1	80.1	38.4
	% Other Inorganic	1.7	3.5	1.5	1.6

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1986-99	5506-1986-100	5506-1986-100	5506-1986-101
Layer Number		2	1	2	2
Lab ID Number		2965051	2965052	2965052	2965053
Sample Location		3rd Floor, Hall, Wall, On Cementitious Block and Mortar, 6 inch, Black	2nd Floor, Hall, Wall, On Cementitious Block and Mortar, 6 inch, Black	2nd Floor, Hall, Wall, On Cementitious Block and Mortar, 6 inch, Black	1st Floor, Room 101, Wall, On Cementitious Block and Mortar, 4 inch, Brown
Sample Description		Cove Base Molding and Mastic (Mastic Layer)	Cove Base Molding and Mastic (Cove Base Layer)	Cove Base Molding and Mastic (Mastic Layer)	Cove Base Molding and Mastic (Mastic Layer)
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Tan	Black	Tan	Tan
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	66.8	60.7	72.6	40.7
	% Carbonates	6.2	23.8	3.0	19.7
	% Other Inorganic	27.0	15.5	24.4	39.6

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1986-102	5506-1986-103	5506-1986-104	5506-1986-105
Layer Number		2			
Lab ID Number		2965054	2965055	2965056	2965057
Sample Location		2nd Floor, Room 227C, Wall, On Cementitious Block and Mortar, 4 inch, Brown	1st Floor, Hall, Ceiling, Suspended, 2" x 2", Dot Canyon	3rd Floor, Hall, Ceiling, Suspended, 2" x 2", Dot Canyon	3rd Floor, Room 308G, Ceiling, Sheetrock to Cementitious Block and Mortar
Sample Description		Cove Base Molding and Mastic (Mastic Layer)	Ceiling Tile	Ceiling Tile	Caulk
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	Yes	Yes	No
	Color	Tan	Beige	Beige	White
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	38.4	19.7	19.4	27.7
	% Carbonates	10.6	2.9	13.4	71.2
	% Other Inorganic	51.0	77.4	67.2	1.1

Eastern Analytical Services, Inc.

Bulk Sample Results

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ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

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Sample ID Number		5506-1986-106	5506-1986-107	5506-1986-108	5506-1986-109
Layer Number					
Lab ID Number		2965058	2965059	2965060	2965061
Sample Location		3rd Floor, Room 308G, Ceiling, Sheetrock to Cementitious Block and Mortar	2nd Floor, Room 207, Window, Frame, Metal to Stone Sill	3rd Floor, Room 301, Window, Frame, Metal to Stone Sill	3rd Fl, Room 305, Wall by Door, On Cementitious Block and Mortar Expansion Joint
Sample Description		Caulk	Caulk	Caulk	Caulk
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	White	White	White	White
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	27.3	35.7	29.7	32.3
	% Carbonates	71.3	62.6	68.8	66.3
	% Other Inorganic	1.4	1.7	1.5	1.4

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

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Wappingers Falls, NY 12590

Sample ID Number		5506-1986-110	5506-1986-111	5506-1986-112	5506-1986-113
Layer Number					
Lab ID Number		2965062	2965063	2965064	2965065
Sample Location		3rd Fl, Room 305, Wall by Door, On Cementitious Block and Mortar Expansion Joint	Exterior, Front, Main Entrance, Vestibule, Metal to Brick and Mortar	Exterior, West Side, Double Door, Frame, Metal to Brick and Mortar	Exterior, East Side, Double Door "C", Frame, Metal to Brick and Mortar
Sample Description		Caulk	Caulk	Caulk	Caulk
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	White	Gray	Gray	Gray
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	32.2	78.9	25.2	28.1
	% Carbonates	66.4	18.6	61.7	58.9
	% Other Inorganic	1.4	2.5	13.1	13.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/06/2023
Date Analyzed : 11/16/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-1986-114	5506-1986-115
Layer Number			
Lab ID Number		2965066	2965067
Sample Location		Exterior, Northwest Side, First Floor, Window, Frame, Metal to Stone Facade	3rd Floor, Room 301, Window, Frame to Stone Sill, Black
Sample Description		Caulk	Caulk
Analytical Method		NOB Tem	NOB Tem
Appearance	Layered	No	No
	Homogenous	Yes	Yes
	Fibrous	No	No
	Color	Gray	Gray
Asbestos Content	% Amosite	ND	ND
	% Chrysotile	ND	ND
	% Other	ND	ND
	% Total Asbestos	ND	ND
Other Materials Present	% Organic	73.1	72.4
	% Carbonates	21.6	19.5
	% Other Inorganic	5.3	8.1

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/14/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-116	5506-117	5506-132	5506-134
Layer Number					
Lab ID Number		2964673	2964674	2964676	2964678
Sample Location		1st Floor, 1983 Building, Hallway, Suspended Ceiling, 2' x 4' Dot Canyon	1st Floor, 1983 Building, Room 470, Suspended Ceiling, 2' x 4' Dot Canyon	1st Floor, 1983 Building, Room 468, Floor, 12 x 12 Floor Tile on Cementitious Slab	1st Floor, 1983 Building, Room 469, Floor, 12 x 12 Floor Tile on Cementitious Slab
Sample Description		Ceiling Tile	Ceiling Tile	Mastic	Mastic
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	Yes	Yes	No	No
	Homogenous	No	No	Yes	Yes
	Fibrous	Yes	Yes	No	No
	Color	Gray/White	Gray/White	Black/Tan	Tan/Brown
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	25.3	25.6	59.2	62.5
	% Carbonates	49.8	46.6	24.7	26.7
	% Other Inorganic	24.9	27.8	16.1	10.8

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/14/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-147	5506-148	5506-157	5506-158
Layer Number					2
Lab ID Number		2964683	2964684	2964687	2964688
Sample Location		1st Floor, 1983 Building, Girl's Bathroom, Wall	1st Floor, 1983 Building, Boy's Bathroom, Wall	2nd Floor, 1986 Building, Hallway, Outside Stairway C, Window, Frame, Metal to Stone Sill	1st Floor, 1986 Building, Wall, On Sheetrock, 6 In. Block
Sample Description		Ceramic Wall Tile & Mastic (Mastic Layer)	Ceramic Wall Tile & Mastic (Mastic Layer)	Caulk	Cove Base Molding & Mastic (Mastic Layer)
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	No	Yes
	Homogenous	Yes	Yes	Yes	No
	Fibrous	No	No	No	Yes
	Color	White/Gray	White/Gray	Black	Yellow/Tan
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	16.8	20.7	73.9	52.6
	% Carbonates	74.8	70.5	21.1	25.1
	% Other Inorganic	8.4	8.8	5.0	22.3

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Capital Improvements - Pre-Construction
ASB Inspection - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 11/07/2023
Collected By : S. Talsma/D. Stamper
Date Received : 11/07/2023
Date Analyzed : 11/14/2023
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-159
Layer Number		2
Lab ID Number		2964689
Sample Location		1st Floor, 1986 Building, Wall, On Sheetrock, 6 In. Block
Sample Description		Cove Base Molding & Mastic (Mastic Layer)
Analytical Method		NOB Tem
Appearance	Layered	Yes
	Homogenous	No
	Fibrous	Yes
	Color	Tan
Asbestos Content	% Amosite	ND
	% Chrysotile	ND
	% Other	ND
	% Total Asbestos	ND
Other Materials Present	% Organic	53.4
	% Carbonates	20.9
	% Other Inorganic	25.7

EAS Batch No. 2407268

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - Limited Asbestos Bulk Sampling - Axelrod-1969 Era Portion - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 10/24/2024
Collected By : S. Talsma
Date Received : 10/25/2024
Date Analyzed : 10/25/2024
Analyzed By : George Htay
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-160	5506-161	5506-162	5506-163
Layer Number					
Lab ID Number		3043969	3043970	3043971	3043972
Sample Location		1st Floor, Room 410, Window	1st Floor, Room 414, Window	Exterior, Courtyard, Window Wall, Lower Panel, Behind Metal	Exterior, Courtyard, Window Wall, Lower Panel, Behind Metal
Sample Description		Cementitious Sill	Cementitious Sill	Insulation	Insulation
Method of Quantification		Point Count	Point Count	Scanning Option	Scanning Option
Appearance	Layered	Yes	No	Yes	Yes
	Homogenous	No	No	No	No
	Fibrous	Yes	Yes	Yes	Yes
	Color	Gray/White	Gray	Brown/Yellow	Brown/Yellow
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	2.5	2.8	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	2.5	2.8	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	ND	ND	50.0	45.0
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	ND	ND	10.0	10.0
	% Carbonates	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Unidentified	97.5	97.2	40.0	45.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/30/2024
Analyzed By : Damien Warner
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-03	5506-04	5506-11	5506-12
Layer Number					
Lab ID Number		3044645	3044646	3044647	3044648
Sample Location		Roof, 1969 Roof-SE, Field 1/ Perimeter, 2nd Layer	Roof, 1969 Roof-E, Field 1/Perimeter, 2nd Layer	Roof, 1969 Roof-SE, Field 1/ Perimeter, Bottom Layer, Lightweight	Roof, 1969 Roof-E, Field 2/Perimeter, Bottom Layer, Lightweight
Sample Description		Perlite	Perlite	Concrete	Concrete
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	Yes	Yes	Yes	Yes
	Homogenous	No	No	No	No
	Fibrous	Yes	No	Yes	Yes
	Color	Brown	Brown	White	White
Sample Treatment		Homogenized	Homogenized	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	80.0	80.0	5.0	5.0
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	ND	ND	75.0	70.0
	% Carbonates	ND	ND	15.0	15.0
	% Other	20.0 Perlite	20.0 Perlite	ND	ND
	% Unidentified	ND	ND	5.0	10.0

Results Applicable To Those Items Tested. Report Cannot be Reproduced, Except Entirely, Without Written Approval of the Laboratory. ND = Not Detected. Reporting Limit is <1%.
Liability Limited To Cost Of Analysis. This Report Must Not be Used by the Client to Claim Product Endorsement by NVLAP or Any Agency of the US Government.
These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing. Overall Lab Accuracy ± 17%. Samples received in acceptable condition unless otherwise noted.
AIHA LAP, LLC No. 100263 Rhode Island DOH No. AAL-072 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AL-709936

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Client: QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/30/2024
Analyzed By : Damien Warner
Signature :
Analytical Method : NYS-DOH 198.1
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-21	5506-22	5506-23	5506-24
Layer Number					
Lab ID Number		3044649	3044650	3044651	3044652
Sample Location		Roof, 1969 Roof, West, Field/ Perimeter 3, 2nd Layer, On Deck	Roof, 1969 Roof, SW, Field/Perimeter 4, 2nd Layer, On Deck	Roof, 1969 Roof, West, Field/ Perimeter 3, Bottom Layer, Deck, Lightweight	Roof, 1969 Roof, SW, Field/Perimeter 4, Bottom Layer, Deck, Lightweight
Sample Description		Fiberboard	Fiberboard	Concrete	Concrete
Method of Quantification		Scanning Option	Scanning Option	Scanning Option	Scanning Option
Appearance	Layered	No	No	Yes	Yes
	Homogenous	Yes	Yes	No	No
	Fibrous	Yes	Yes	Yes	Yes
	Color	Brown	Brown	White/Gray	White/Gray
Sample Treatment		None	None	Homogenized	Homogenized
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Fibrous Materials Present	% Fibrous Glass	ND	ND	ND	ND
	% Cellulose	90.0	90.0	5.0	5.0
	% Other	ND	ND	ND	ND
	% Unidentified	ND	ND	ND	ND
Non-Fibrous Materials Present	% Silicates	ND	ND	75.0	75.0
	% Carbonates	ND	ND	15.0	15.0
	% Other	ND	ND	ND	ND
	% Unidentified	10.0	10.0	5.0	5.0

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/29/2024
Analyzed By : Damien Warner
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab No. 101646-0 (Testing)
NVLAP Lab Code : 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-01	5506-02	5506-05	5506-06
Layer Number					
Lab ID Number		3044713	3044714	3044715	3044716
Sample Location		Roof, 1969 Roof-SE, Field 1/Top Layer, Perimeter, On Perlite	Roof, 1969 Roof-E, Field 2/Top Layer, Perimeter, On Perlite	Roof, 1969 Roof-SE, Field 1/ Perimeter, 3rd Layer	Roof, 1969 Roof-E, Field 2/Perimeter, 3rd Layer
Sample Description		Built Up Roof	Built Up Roof	Vapor Barrier	Vapor Barrier
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	Yes	Yes
	Homogenous	Yes	Yes	No	No
	Fibrous	Yes	Yes	Yes	Yes
	Color	Black	Black	Black/Beige	Black/Beige
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	88.0	89.4	79.2	75.1
	% Carbonates	1.3	2.2	3.8	3.2
	% Other Inorganic	10.7	8.4	17.0	21.7

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/29/2024
Analyzed By : Damien Warner
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab No. 101646-0 (Testing)
NVLAP Lab Code : 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-07	5506-08	5506-09	5506-10
Layer Number					
Lab ID Number		3044717	3044718	3044719	3044720
Sample Location		Roof, 1969 Roof-SE, Field 1/ Perimeter, 4th Layer	Roof, 1969 Roof-E, Field 2/Perimeter, 4th Layer	Roof, 1969 Roof-SE, Field 1/ Perimeter, 5th Layer	Roof, 1969 Roof-E, Field 2/Perimeter, 5th Layer
Sample Description		ISO Foam	ISO Foam	Tar Paper Vapor Barrier	Tar Paper Vapor Barrier
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	No	Yes	Yes	Yes
	Fibrous	No	No	Yes	Yes
	Color	Yellow	Yellow	Black	Black
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	99.6	99.8	85.8	84.0
	% Carbonates	0.2	ND	0.2	0.1
	% Other Inorganic	0.2	0.2	14.0	15.9

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This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.
AIHA LAP, LLC No. 100263 Rhode Island DOH No. AAL-072 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AL-709936

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/29/2024
Analyzed By : Damien Warner
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab No. 101646-0 (Testing)
NVLAP Lab Code : 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-13	5506-14	5506-15	5506-16
Layer Number					
Lab ID Number		3044721	3044722	3044723	3044724
Sample Location		Roof, 1969 Roof, Lower Roof to Upper, On Term Bar, White Layer	Roof, 1969 Roof, Lower Roof to Upper, On Term Bar, White Layer	Roof, 1969 Roof-SE, Pitch Pocket, White Topped	Roof, 1969 Roof-SE, Pitch Pocket, White Topped
Sample Description		Caulk	Caulk	Tar	Tar
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	Yes	Yes	No	No
	Homogenous	No	No	Yes	Yes
	Fibrous	No	No	No	No
	Color	Black/White	Black/White	Black	Black
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	2.9	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	2.9	ND Inconclusive	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	59.7	59.5	86.6	86.1
	% Carbonates	27.8	29.8	2.1	2.0
	% Other Inorganic	9.6	10.7	11.3	11.9

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Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/29/2024
Analyzed By : Damien Warner
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab No. 101646-0 (Testing)
NVLAP Lab Code : 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-17	5506-18	5506-19	5506-20
Layer Number					
Lab ID Number		3044725	3044726	3044727	3044728
Sample Location		Roof, 1969 Roof, Pitch Pocket, Black	Roof, 1969 Roof, Pitch Pocket, Black	Roof, 1969 Roof-West, Field, Perimeter 3, Top Layer, On Fiberboard	Roof, 1969 Roof-SW, Field, Perimeter 4, Top Layer, On Fiberboard
Sample Description		Tar	Tar	Built Up Roof	Built Up Roof
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Black	Black	Black/White	Black/White
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	10.8
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND Inconclusive	10.8
Other Materials Present	% Organic	47.4	47.9	44.4	58.4
	% Carbonates	51.0	49.9	51.9	22.7
	% Other Inorganic	1.6	2.2	3.7	8.1

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/29/2024
Analyzed By : Damien Warner
Signature :
Analytical Method : NYS-DOH 198.6
NVLAP Lab No. 101646-0 (Testing)
NVLAP Lab Code : 10851
Paul Stascavage ,Lab Director

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Sample ID Number		5506-25	5506-26	5506-27	5506-28
Layer Number					
Lab ID Number		3044729	3044730	3044731	3044732
Sample Location		1st Floor, Admin Office, Business Office, Under Blue Carpet, On Slab, Black/Yellow	1st Fl, Admin Office, Hall O/S Payroll Office, Under Carpet Tile, On Slab,	1st Floor, Admin Office, Millbern Office, Under Carpet Tile, On Slab, Blue	1st Floor, Admin Office, Millbern Office, Under Carpet Tile, On Slab, Blue
Sample Description		Mastic	Mastic	Mastic	Mastic
Analytical Method		NOB Plm	NOB Plm	NOB Plm	NOB Plm
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Tan	Tan	Green/Brown	Green/Brown
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND Inconclusive	ND Inconclusive	ND Inconclusive	ND Inconclusive
Other Materials Present	% Organic	53.0	54.4	78.6	89.0
	% Carbonates	4.0	5.1	4.7	5.1
	% Other Inorganic	43.0	40.5	16.7	5.9

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AIHA LAP, LLC No. 100263 Rhode Island DOH No. AAL-072 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AL-709936

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/29/2024
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-01	5506-02	5506-05	5506-06
Layer Number					
Lab ID Number		3044713	3044714	3044715	3044716
Sample Location		Roof, 1969 Roof-SE, Field 1/Top Layer, Perimeter, On Perlite	Roof, 1969 Roof-E, Field 2/Top Layer, Perimeter, On Perlite	Roof, 1969 Roof-SE, Field 1/ Perimeter, 3rd Layer	Roof, 1969 Roof-E, Field 2/Perimeter, 3rd Layer
Sample Description		Built Up Roof	Built Up Roof	Vapor Barrier	Vapor Barrier
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	Yes	Yes
	Homogenous	Yes	Yes	No	No
	Fibrous	Yes	Yes	Yes	Yes
	Color	Black	Black	Black/Beige	Black/Beige
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	88.0	89.4	79.2	75.1
	% Carbonates	1.3	2.2	3.8	3.2
	% Other Inorganic	10.7	8.4	17.0	21.7

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/29/2024
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-09	5506-10	5506-14	5506-15
Layer Number					
Lab ID Number		3044719	3044720	3044722	3044723
Sample Location		Roof, 1969 Roof-SE, Field 1/ Perimeter, 5th Layer	Roof, 1969 Roof-E, Field 2/Perimeter, 5th Layer	Roof, 1969 Roof, Lower Roof to Upper, On Term Bar, White Layer	Roof, 1969 Roof-SE, Pitch Pocket, White Topped
Sample Description		Tar Paper Vapor Barrier	Tar Paper Vapor Barrier	Caulk	Tar
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	Yes	No
	Homogenous	Yes	Yes	No	Yes
	Fibrous	Yes	Yes	No	No
	Color	Black	Black	Black/White	Black
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	2.1	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	2.1	ND
Other Materials Present	% Organic	85.8	84.0	59.5	86.6
	% Carbonates	0.2	0.1	29.8	2.1
	% Other Inorganic	14.0	15.9	8.6	11.3

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/29/2024
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-16	5506-17	5506-18	5506-19
Layer Number					
Lab ID Number		3044724	3044725	3044726	3044727
Sample Location		Roof, 1969 Roof-SE, Pitch Pocket, White Topped	Roof, 1969 Roof, Pitch Pocket, Black	Roof, 1969 Roof, Pitch Pocket, Black	Roof, 1969 Roof-West, Field, Perimeter 3, Top Layer, On Fiberboard
Sample Description		Tar	Tar	Tar	Built Up Roof
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Black	Black	Black	Black/White
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	86.1	47.4	47.9	44.4
	% Carbonates	2.0	51.0	49.9	51.9
	% Other Inorganic	11.9	1.6	2.2	3.7

Eastern Analytical Services, Inc.

Bulk Sample Results

RE: CPN 23-5506 - KG & D Architects, P.C. - 2023 Orange-Ulster BOCES Capitol Projects - Axelrod Building - 103 Gibson Road - Goshen, NY

Client QuES&T, Inc.
1376 Route 9
Wappingers Falls, NY 12590

Date Collected : 10/25/2024
Collected By : S. Talsma/D. Stamper
Date Received : 10/27/2024
Date Analyzed : 10/29/2024
Analyzed By : Fahrudin Lalic
Signature :
Analytical Method : NYS-DOH 198.4
NVLAP Lab Code : 101646-0 (Testing)
NYS Lab No. 10851
Paul Stascavage ,Lab Director

Sample ID Number		5506-25	5506-26	5506-27	5506-28
Layer Number					
Lab ID Number		3044729	3044730	3044731	3044732
Sample Location		1st Floor, Admin Office, Business Office, Under Blue Carpet, On Slab, Black/Yellow	1st Fl, Admin Office, Hall O/S Payroll Office, Under Carpet Tile, On Slab,	1st Floor, Admin Office, Millbern Office, Under Carpet Tile, On Slab, Blue	1st Floor, Admin Office, Millbern Office, Under Carpet Tile, On Slab, Blue
Sample Description		Mastic	Mastic	Mastic	Mastic
Analytical Method		NOB Tem	NOB Tem	NOB Tem	NOB Tem
Appearance	Layered	No	No	No	No
	Homogenous	Yes	Yes	Yes	Yes
	Fibrous	No	No	No	No
	Color	Tan	Tan	Green/Brown	Green/Brown
Asbestos Content	% Amosite	ND	ND	ND	ND
	% Chrysotile	ND	ND	ND	ND
	% Other	ND	ND	ND	ND
	% Total Asbestos	ND	ND	ND	ND
Other Materials Present	% Organic	53.0	54.4	78.6	89.0
	% Carbonates	4.0	5.1	4.7	5.1
	% Other Inorganic	43.0	40.5	16.7	5.9

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: **KG & D ARCHITECTS, P.C.**
ADDRESS: **285 Main Street**
Mount Kisco, NY 10549
CONTACT: **Brian Mangan**

PROJECT NAME: **2023 Capital Improvements-103 Gibson Rd**
ROJECT BUILDING: **Pre-Construction ASB Inspection**
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

PROJECT # : **23-5506**
SAMPLED BY: **S. Talsma/D. Stamper**
DATE SAMPLED: ~~October 12th & 13th, 2023~~ 11/07/2023
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-1969-01		Second	Room 419	Wall, Partition, On Sheet Rock	Joint Compound	2965769
5506-1969-02		Second	Room 419	Wall, Partition, On Sheet Rock	Joint Compound	2965770
5506-1969-03		Second	Room 419	Wall, Partition, On Sheet Rock	Joint Compound	2965771
5506-1969-04		Second	Room 419	Wall, Partition	Sheet Rock	2965772
5506-1969-05		Second	Room 419	Wall, Partition	Sheet Rock	2965773
5506-1969-06		Second	Room 441	Wall, Soffit, On Wire Lathe	Plaster	2965774
5506-1969-07		Second	Room 422	Wall, Soffit, On Cementitious Block	Plaster	2965775
5506-1969-08		Second	Room 425	Wall, Soffit, On Wire Lathe	Plaster	2965776
5506-1969-09		Second	Room 414	Wall, Soffit, On Wire Lathe	Plaster	2965777
5506-1969-10		Second	Hall	outside Room 414, Vestibule Ceiling, On Wire Lathe	Plaster	2965778
5506-1969-11		Second	Room 442	Wall, Soffit, On Wire Lathe	Plaster	2965779
5506-1969-12		Second	Hall	Outside Room 442, Suspended Ceiling, 2x2 Dot Canyon	Ceiling Tile	
5506-1969-13		Second	Hall	Outside Room 423, Above Suspended Ceiling, On Metal Elbow	Mudded Joint Packing	2965780
5506-1969-14		Second	Hall	Outside Room 423, Above Suspended Ceiling, On Metal Elbow	Mudded Joint Packing	2965781
5506-1969-15		Second	Hall	Outside Room 416, On Metal Elbow	Mudded Joint Packing	2965782

Comments:

SUBMITTED BY:

DATE: 06NOV2023

RECEIVED BY: M D WARNER

NOV 6'23 20:25

DATE:

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: **KG & D ARCHITECTS, P.C.**
ADDRESS: **285 Main Street**
Mount Kisco, NY 10549
CONTACT: **Brian Mangan**

PROJECT NAME: **2023 Capital Improvements-103 Gibson Rd**
ROJECT BUILDING: **Pre-Construction ASB Inspection**
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

PROJECT # : **23-5506**
SAMPLED BY: **S. Talsma/D. Stamper**

DATE SAMPLED: **October 12th & 13th, 2023**
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-1969-16		Second	Room 402	Sink, On Metal Basin	Anti-Sweat Tar	
5506-1969-17		Second	Room 418	Sink, On Metal Basin	Anti-Sweat Tar	
5506-1969-18		Second	Hall	Above Suspended Ceiling, On Metal Pipe	Pipe Insulation	2965783
5506-1969-19		Second	Hall, Outside Room 416	Above Suspended Ceiling, On Metal Pipe	Pipe Insulation	2965784
5506-1969-20		Second	Hall, Outside Room 423	Above Suspended Ceiling, On Metal Pipe	Pipe Insulation	2965785
5506-1969-21		Second	Room 402	Floor, 2' x 2' Carpet Tiles, On Cementitious Slab	Carpet Mastic	
5506-1969-22		Second	Room 408	Floor, 2' x 2' Carpet Tiles, On Cementitious Slab	Carpet Mastic	
5506-1969-23		Second	Room 416	Floor, Under 2' x 2' Carpet Tiles, On 12" x 12" Floor Tiles	Carpet Mastic	
5506-1969-24		Second	Room 416	Floor, Under 2' x 2' Carpet Tiles, On 12" x 12" Floor Tiles	Carpet Mastic	
5506-1969-25		Second	Room 414	Floor, 12" x 12" Floor Tile, On Cementitious Slab	Mastic	
5506-1969-26		Second	Room 423	Floor, 12" x 12" Floor Tile, On Terrazzo	Mastic	
5506-1969-27		Second	Room 414	Floor, 12" x 12"	Floor Tile	
5506-1969-28		Second	Room 423	Floor, 12" x 12"	Floor Tile	
5506-1969-29		Second	Room 443	Bathroom, Wall, On Block	Ceramic Wall Tile	2965786
5506-1969-30		Second	Room 421	Bathroom, Wall, On Block	Ceramic Wall Tile	2965787

Comments:

SUBMITTED BY:

DATE: 06 NOV 2023

RECEIVED BY: M D WARNER

NOV 6 '23 20:25

DATE:

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: KG & D ARCHITECTS, P.C.
ADDRESS: 285 Main Street
Mount Kisco, NY 10549
CONTACT: Brian Mangan

PROJECT NAME: 2023 Capital Improvements-103 Gibson Rd
ROJECT BUILDING: Pre-Construction ASB Inspection
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

PROJECT # : 23-5506
SAMPLED BY: S. Talsma/D. Stamper

DATE SAMPLED: October 12th & 13th, 2023
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-1969-31		Second	Room 422	Bathroom, Wall	Ceramic Wall Tile	2965788
5506-1969-32		Second	Room 443	Bathroom, Wall	Ceramic Wall Tile	2965789
5506-1969-33		Second	Room 422	Bathroom, Wall, On Ceramic Wall Tile	Grout	2965790
5506-1969-34		Second	Room 443	Bathroom, Wall, On Ceramic Wall Tile	Grout	2965791
5506-1969-35		Second	Room 422	Bathroom, Wall, On Cementitious Block and Mortar	Mortar	2965792
5506-1969-36		Second	Room 443	Bathroom, Wall, On Cementitious Block and Mortar	Mortar	2965793
5506-1969-37		Second	Room 413B	Bathroom, Floor, On Ceramic Floor Tile	Grout	2965794
5506-1969-38		Second	Room 413G	Bathroom , Floor, On Ceramic Floor Tile	Grout	2965795
5506-1969-39		Second	Room 413B	Bathroom, Floor	Ceramic Floor Tile	2965796
5506-1969-40		Second	Room 413G	Bathroom , Floor	Ceramic Floor Tile	2965797
5506-1969-41		Second	Room 421	Bathroom, Floor, Under Setting Bed	Cementitious Slab	2965798
5506-1969-42		Second	Room 422	Bathroom, Floor, Under Setting Bed	Cementitious Slab	2965799
5506-1969-43		Second	Room 422	Bathroom, Floor, On Ceramic Floor Tile	Grout	2965800
5506-1969-44		Second	Room 443	Bathroom, Floor, On Ceramic Floor Tile	Grout	2965801
5506-1969-45		Second	Room 422	Bathroom, Floor, Second Layer, On Ceramic Floor Tile	Leveling Compound	2965802

Comments:

SUBMITTED BY: [signature] DATE: 06 NOV 2023

RECEIVED BY: M D WARNER DATE: NOV 6 '23 20:25

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: **KG & D ARCHITECTS, P.C.**
ADDRESS: **285 Main Street**
Mount Kisco, NY 10549
CONTACT: **Brian Mangan**

PROJECT NAME: **2023 Capital Improvements-103 Gibson Rd**
ROJECT BUILDING: **Pre-Construction ASB Inspection**
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

PROJECT # : **23-5506**
SAMPLED BY: **S. Talsma/D. Stamper**

DATE SAMPLED: **October 12th & 13th, 2023**
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-1969-46		Second	Room 443	Bathroom, Floor, Second Layer, On Ceramic Floor Tile	Leveling Compound	2965803
5506-1969-47		Second	Room 422	Bathroom, Floor, Top Layer	Ceramic Floor Tile	2965804
5506-1969-48		Second	Room 443	Bathroom, Floor, Top Layer	Ceramic Floor Tile	2965805
5506-1969-49		Second	Room 421	Bathroom, Floor, Bottom Layer	Setting Bed	2965806
5506-1969-50		Second	Room 422	Bathroom, Floor, Bottom Layer	Setting Bed	2965807
5506-1969-51		Second	Room 421	Bathroom, Floor, On Ceramic Floor Tile	Grout	2965808
5506-1969-52		Second	Room 422	Bathroom, Floor, On Ceramic Floor Tile	Grout	2965809
5506-1969-53		Second	Room 410	Floor	Ceramic Floor Tile	2965810
5506-1969-54		Second	Room 422	Floor	Ceramic Floor Tile	2965811
5506-1969-55		Second	Room 428G	Bathroom, Floor, On Terrazzo	Epoxy	
5506-1969-56		Second	Room 434B	Floor, On Terrazzo	Epoxy	
5506-1969-57		Second	Room 419, Health Office	Bathroom, Floor, On Cementitious Slab	Mastic	
5506-1969-58		Second	Room 419, Health Office	Bathroom, Floor, On Cementitious Slab	Mastic	
5506-1969-59		Second	Room 419, Health Office	Bathroom, Floor, 12" x 12", Tan	Floor Tile	
5506-1969-60		Second	Room 419, Health Office	Bathroom, Floor, 12" x 12", Tan	Floor Tile	

Comments:

SUBMITTED BY:

DATE: 06 NOV 2023

RECEIVED BY: M D WARNER

NOV 6'23 20:25
DATE:

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: **KG & D ARCHITECTS, P.C.**
ADDRESS: **285 Main Street**
Mount Kisco, NY 10549
CONTACT: **Brian Mangan**

PROJECT NAME: **2023 Capital Improvements-103 Gibson Rd**
ROJECT BUILDING: **Pre-Construction ASB Inspection**
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

PROJECT # : **23-5506**
SAMPLED BY: **S. Talsma/D. Stamper**

DATE SAMPLED: **October 12th & 13th, 2023**
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-1969-61		Second	Room 419, Health Office	Bathroom, Wall, 6 Inch, On Cementitious Block and Mortar	Mastic	
5506-1969-62		Second	Room 419, Health Office	Bathroom, Wall, 6 Inch, Black	Cove Base Molding	
5506-1986-63		Third	Hall, Outside Room 301	Above Wall Lockers, Wall, On Sheetrock	Joint Compound	2965812
5506-1986-64		Third	Hall, Outside Room 311	Above Wall Lockers, Wall, On Sheetrock	Joint Compound	2965813
5506-1986-65		Third	Hall, Outside Room 331	Above Wall Lockers, Wall, On Sheetrock	Joint Compound	2965814
5506-1986-66		Third	Room 327B	Ceiling, On Sheetrock	Joint Compound	2965815
5506-1986-67		Third	Room 327G	Ceiling, On Sheetrock	Joint Compound	2965816
5506-1986-68		First	Room 127G	Ceiling, On Sheetrock	Joint Compound	2965817
5506-1986-69		First	Room 127B	Ceiling, On Sheetrock	Joint Compound	2965818
5506-1986-70		Second	Hall, Outside Room 227C	Above Double Doors, Wall, Partition, On Sheetrock	Joint Compound	2965819
5506-1986-71		Second	Hall, Outside Room 201	Above Lockers, Wall, On Sheetrock	Joint Compound	2965820
5506-1986-72		Third	Hall, Outside Room 301	Above Lockers, Wall	Sheetrock	2965821
5506-1986-73		Third	Room 308G	Ceiling	Sheetrock	2965822
5506-1986-74		First	Room 127B	Wall, On Ceramic Cove Base Molding	Grout	2965823
5506-1986-75		First	Room 127G	Wall, On Ceramic Cove Base Molding	Grout	2965824

Comments:

SUBMITTED BY:

DATE: 06NOV2023

RECEIVED BY: M DWARNER

NOV 6'23 20:25
DATE:

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: **KG & D ARCHITECTS, P.C.**
ADDRESS: **285 Main Street**
Mount Kisco, NY 10549
CONTACT: **Brian Mangan**

PROJECT NAME: **2023 Capital Improvements-103 Gibson Rd**
ROJECT BUILDING: **Pre-Construction ASB Inspection**
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

PROJECT # : **23-5506**
SAMPLED BY: **S. Talsma/D. Stamper**

DATE SAMPLED: **October 12th & 13th, 2023**
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-1986-76		First	Room 127G	Wall, Ceramic Cove Base Molding, On Cementitlous Block and Mortar	Mastic	
5506-1986-77		First	Room 127B	Wall	Ceramic Cove Base Molding and Mastic (SEPARATE LAYERS)	2965825
5506-1986-78		First	Room 127G	Wall	Ceramic Cove Base Molding	2965826
5506-1986-79		First	Room 127B	Floor, Under Ceramic Floor Tile and Leveling Compound	Concrete	2965827
5506-1986-80		First	Room 127G	Floor, Under Ceramic Floor Tile and Leveling Compound	Concrete	2965828
5506-1986-81		First	Room 127B	Floor, Under Ceramic Floor Tile, On Concrete	Leveling Compound	2965829
5506-1986-82		First	Room 127G	Floor, Under Ceramic Floor Tile, On Concrete	Leveling Compound	2965830
5506-1986-83		First	Room 127B	Floor, On Ceramic Floor Tile	Grout	2965831
5506-1986-84		First	Room 127G	Floor, On Ceramic Floor Tile	Grout	2965832
5506-1986-85		Third	Room 316	Floor, Under Carpet, On Cementitious Slab	Carpet Mastic	
5506-1986-86		Third	Room 318	Floor, Under Carpet, On Cementitious Slab	Carpet Mastic	
5506-1986-87		First	Stairwell "F"	Floor, 12" x 12" Floor Tile, On Cementitious Slab	Mastic	
5506-1986-88		Third	Room 305	Floor, 12" x 12" Floor Tile, On Cementitious Slab	Mastic	
5506-1986-89		First	Stairwell "F"	Floor, 12" x 12"	Floor Tile	
5506-1986-90		Third	Room 305	Floor, 12" x 12"	Floor Tile	

Comments:

SUBMITTED BY: [signature] DATE: 06 NOV 2023

RECEIVED BY: M D Warner DATE: NOV 6'23 20:25

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: **KG & D ARCHITECTS, P.C.**
ADDRESS: **285 Main Street**
Mount Kisco, NY 10549
CONTACT: **Brian Mangan**

PROJECT NAME: **2023 Capital Improvements-103 Gibson Rd**
ROJECT BUILDING: **Pre-Construction ASB Inspection**
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

PROJECT # : **23-5506**
SAMPLED BY: **S. Talsma/D. Stamper**

DATE SAMPLED: **October 12th & 13th, 2023**
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-1986-91		First	Room 137	Floor, 12" x 12" Floor Tile, On Cementitious Slab	Mastic	
5506-1986-92		Third	Room 301	Floor, 12" x 12" Floor Tile, On Cementitious Slab	Mastic	
5506-1986-93		First	Room 137	Floor, 12" x 12"	Floor Tile	
5506-1986-94		Third	Room 301	Floor, 12" x 12"	Floor Tile	
5506-1986-95		First	Room 127B	Floor	Ceramic Floor Tile	2965833
5506-1986-96		First	Room 127G	Floor	Ceramic Floor Tile	2965834
5506-1986-97		Third	Room 305	Wall, Partition, On Cementitious Block	Mortar	2965835
5506-1986-98		Third	Room 305	Wall, Partition	Cementitious Slab	2965836
5506-1986-99		Third	Hall	Wall, On Cementitious Block and Mortar, 6 inch, Black	Cove Base Molding and Mastic (SEPARATE LAYERS)	
5506-1986-100		Second	Hall	Wall, On Cementitious Block and Mortar, 6 inch, Black	Cove Base Molding and Mastic (SEPARATE LAYERS)	
5506-1986-101		First	Room 101	Wall, On Cementitious Block and Mortar, 4 inch, Brown	Cove Base Molding and Mastic (SEPARATE LAYERS)	
5506-1986-102		Second	Room 227C	Wall, On Cementitious Block and Mortar, 4 inch, Brown	Cove Base Molding and Mastic (SEPARATE LAYERS)	
5506-1986-103		First	Hall	Ceiling, Suspended, 2" x 2", Dot Canyon	Ceiling Tile	
5506-1986-104		Third	Hall	Ceiling, Suspended, 2" x 2", Dot Canyon	Ceiling Tile	
5506-1986-105		Third	Room 308G	Ceiling, Sheetrock to Cementitious Block and Mortar	Caulk	

Comments:

SUBMITTED BY: [signature] DATE: 10/20/23

RECEIVED BY: M D WARNER NOV 6'23 20:25 DATE:

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: **KG & D ARCHITECTS, P.C.**
ADDRESS: **285 Main Street**
Mount Kisco, NY 10549
CONTACT: **Brian Mangan**

PROJECT NAME: **2023 Capital Improvements-103 Gibson Rd**
ROJECT BUILDING: **Pre-Construction ASB Inspection**
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

PROJECT # : **23-5506**
SAMPLED BY: **S. Talsma/D. Stamper**

DATE SAMPLED: **October 12th & 13th, 2023**
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-1986-106		Third	Room 308G	Ceiling, Sheetrock to Cementitious Block and Mortar	Caulk	
5506-1986-107		Second	Room 207	Window, Frame, Metal to Stone Sill	Caulk	
5506-1986-108		Third	Room 301	Window, Frame, Metal to Stone Sill	Caulk	
5506-1986-109		Third	Room 305, Wall by Door	On Cementitious Block and Mortar Expansion Joint	Caulk	
5506-1986-110		Third	Room 305, Wall by Door	On Cementitious Block and Mortar Expansion Joint	Caulk	
5506-1986-111		Exterior	Front, Main Entrance	Vestibule, Metal to Brick and Mortar	Caulk	
5506-1986-112		Exterior	West Side	Double Door, Frame, Metal to Brick and Mortar	Caulk	
5506-1986-113		Exterior	East Side	Double Door "C", Frame, Metal to Brick and Mortar	Caulk	
5506-1986-114		Exterior	Northwest Side	First Floor, Window, Frame, Metal to Stone Façade	Caulk	
5506-1986-115		Third	Room 301	Window, Frame to Stone Sill, Black	Caulk	

Comments:

SUBMITTED BY:

DATE: 06 NOV 2023

RECEIVED BY: M D WARNER

NOV 6 '23 20:25

DATE:

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: **KG & D ARCHITECTS, P.C.**
ADDRESS: **285 Main Street**
Mount Kisco, NY 10549
CONTACT: **Brian Mangan**

PROJECT # : **23-5506**
SAMPLED BY: **S. Talsma/D. Stamper**
DATE SAMPLED: **7-Nov-23**
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

PROJECT NAME: **2023 Capital Improvements-103 Gibson Rd**
ROJECT BUILDING: **Pre-Construction ASB Inspection**
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-116		1st	1983 Building	Hallway, Suspended Ceiling, 2' x 4' Dot Canyon	Ceiling Tile	
5506-117		1st	1983 Building	Room 470, Suspended Ceiling, 2' x 4' Dot Canyon	Ceiling Tile	
5506-118		1st	1983 Building	Hallway, Above Suspended Ceiling, Wall	Sheetrock	2966187
5506-119		1st	1983 Building	Room 471, Above Suspended Ceilng, Wall	Sheetrock	2966188
5506-120		1st	1983 Building	Hallway, Above Suspended Ceiling, On Sheetrock Wall	Joint Compound	2966189
5506-121		1st	1983 Building	Room 473, Above Suspended Ceiling, On Sheetrock Wall	Joint Compound	2966190
5506-122		1st	1983 Building	Room 473, Above Suspended Ceiling, On Sheetrock Wall	Joint Tape	2966191
5506-123		1st	1983 Building	Hallway, Above Suspended Ceiling, On Sheetrock Wall	Joint Tape	2966192
5506-124		1st	1983 Building	Hallway, Above Suspended Ceiling, On Sheetrock Wall	Joint Compound	2966193
5506-125		1st	1983 Building	Room 401, Above Suspended Ceiling, On Sheetrock Wall	Joint Compound	2966194
5506-126		1st	1983 Building	Room 464, Above Suspended Ceiling, On Sheetrock Wall	Joint Compound	2966195
5506-127		1st	1983 Building	Room 465, Above Suspended Ceiling, On Sheetrock Wall	Joint Compound	2966196
5506-128		1st	1983 Building	Room 466, Above Suspended Ceiling, On Sheetrock Wall	Joint Compound	2966197
5506-129		1st	1983 Building	Room 469, Above Suspended Ceiling, On Sheetrock Wall	Joint Compound	2966198
5506-130		1st	1983 Building	Room 470, Above Suspended Ceiling, Wall, On Sheetrock	Joint Compound	2966199

Comments:

SUBMITTED BY: [signature] DATE: 07 NOV 2023

RECEIVED BY: M. DeMarco DATE: NOV 7'23 19:44

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: KG & D ARCHITECTS, P.C.
ADDRESS: 285 Main Street
Mount Kisco, NY 10549
CONTACT: Brian Mangan

PROJECT #: 23-5506
SAMPLED BY: S. Talsma/D. Stamper
DATE SAMPLED: 7-Nov-23
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM
TURN-AROUND TIME: 5 Days

PROJECT NAME: 2023 Capital Improvements-103 Gibson Rd
ROJECT BUILDING: Pre-Construction ASB Inspection
'ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-131		1st	1983 Building	Room 468, Floor, 12 x 12	Floor Tile	
5506-132		1st	1983 Building	Room 468, Floor, 12 x 12 Floor Tile on Cementitious Slab	Mastic	
5506-133		1st	1983 Building	Room 469, Floor, 12 x 12	Floor Tile	
5506-134		1st	1983 Building	Room 469, Floor, 12 x 12 Floor Tile on Cementitious Slab	Mastic	
5506-135		1st	1983 Building	Hallway by Exit Door, 12 x 12	Floor Tile	
5506-136		1st	1983 Building	Hallway by Exit Door, 12 x 12	Floor Tile	
5506-137		1st	1983 Building	Hallway by Exit Door, 12 x 12 Floor Tile, On Concrete	Mastic	
5506-138		1st	1983 Building	Hallway by Exit Door, 12 x 12 Floor Tile, On Concrete	Mastic	
5506-139		1st	1983 Building	Boy's Bathroom, Floor, Under Ceramic Floor Tile, On Cementitious Slab	Mudset	2966200
5506-140		1st	1983 Building	Girl's Bathroom, Floor, Under Ceramic Floor Tile, On Cementitious Slab	Mudset	2966201
5506-141		1st	1983 Building	Boy's Bathroom, Floor, On Ceramic Floor Tile	Grout	2966202
5506-142		1st	1983 Building	Girl's Bathroom, Floor, On Ceramic Floor Tile	Grout	2966203
5506-143		1st	1983 Building	Boyl's Bathroom, Floor	Ceramic Floor Tile	2966204
5506-144		1st	1983 Building	Girl's Bathroom, Floor	Ceramic Floor Tile	2966205
5506-145		1st	1983 Building	Boy's Bathroom, Wall, On Ceramic Wall Tile	Grout	2966206

Comments: ____________

SUBMITTED BY: [signature] DATE: 07NOV2023

NOV 7'23 19:44

RECEIVED BY: MD WARNER [signature] DATE: ____

PAGE 10 OF 11

Quality Environmental Solutions and Technologies, Inc.
Bulk Sample Chain of Custody

CLIENT: KG & D ARCHITECTS, P.C.
ADDRESS: 285 Main Street
Mount Kisco, NY 10549
CONTACT: Brian Mangan

PROJECT #: 23-5506
SAMPLED BY: S. Talsma/D. Stamper
DATE SAMPLED: 7-Nov-23
STATE SAMPLED IN: New York
ANALYSIS METHOD: PLM/PLM-NOB/QTEM

PROJECT NAME: 2023 Capital Improvements-103 Gibson Rd
ROJECT BUILDING: Pre-Construction ASB Inspection
ROJECT ADDRESS: 103 Gibson Road
Goshen, NY 10924

TURN-AROUND TIME: 5 Days

Sample	HM#	Floor	Space Name/ID #	Location	Material	Results
5506-146		1st	1983 Building	Boy's Bathroom, Wall, On Ceramic Wall Tile	Grout	2966207
5506-147		1st	1983 Building	Girl's Bathroom, Wall	Ceramic Wall Tile & Mastic	2966208
5506-148		1st	1983 Building	Boy's Bathroom, Wall	Ceramic Wall Tile & Mastic	2966209
5506-149		1st	1986 Building	Room 108, Wall, Base, Ceramic Tile	6in White Cove Base Ceramic & Mastic	2966210
5506-150		1st	1986 Building	Room 108G, Floor	Ceramic Floor Tile	2966211
5506-151		1st	1986 Building	Room 108G, Wall, On 6" Ceramic Cove Base	Grout	2966212
5506-152		1st	1986 Building	Room 108G, Floor, Below Ceramic Floor Tile, On Concrete	Leveling Compound	2966213
5506-153		1st	1986 Building	Room 108G, Floor	Grout	2966214
5506-154		1st	1986 Building	Room 108G, Floor, Below Leveling Compound	Concrete	2966215
5506-155		1st	1986 Building	Room 108-B, Wall, On Ceramic Wall Tile	Grout	2966216
5506-156		1st	1986 Building	Room 108-B, Wall, On CMV Block	Ceramic Wall Tile & Mastic	2966217
5506-157		2nd	1986 Building	Hallway, Outside Stairway C, Window, Frame, Metal to Stone Sill	Caulk	
5506-158		1st	1986 Building	Wall, On Sheetrock, 6in Black	Cove Base Molding & Mastic	
5506-159		1st	1986 Building	Wall, On Sheetrock, 6in Black	Cove Base Molding & Mastic	

Comments:

SUBMITTED BY: [signature] DATE: 07 NOV 2023

NOV 7 '23 13:44

RECEIVED BY: M D Wallace [signature] DATE:

PAGE 11 OF 11

Appendix C:
PERSONNEL LICENSES & CERTIFICATIONS

WE ARE YOUR DOL

NEW YORK STATE | Department of Labor

DIVISION OF SAFETY & HEALTH LICENSE AND CERTIFICATE UNIT, STATE OFFICE CAMPUS, BLDG. 12, ALBANY, NY 12226

ASBESTOS HANDLING LICENSE

Quality Environmental Solutions & Technologies, Inc.
1376 Route 9, Wappinger Falls, NY, 12590

License Number: 29085
License Class: RESTRICTED
Date of Issue: 12/29/2023
Expiration Date: 01/31/2025
Duly Authorized Representative: Lawrence J Holzapfel

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Amy Phillips, Director
For the Commissioner of Labor

NEW YORK STATE

MINORITY- AND WOMEN-OWNED BUSINESS ENTERPRISE ("MWBE")

CERTIFICATION

Empire State Development's Division of Minority and Women's Business Development grants a

Women Business Enterprise (WBE)

pursuant to New York State Executive Law, Article 15-A to:

Quality Environmental Solutions & Technologies Inc.

Certification Awarded on: March 28, 2019
Expiration Date: March 28, 2024
File ID#: WBE- 49952

NEW YORK STATE OF OPPORTUNITY. Division of Minority and Women's Business Development

A Division of Empire State Development

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PAUL STASCAVAGE
EAS INC - EASTERN ANALYTICAL SERVICES INC
4 WESTCHESTER PLAZA
ELMSFORD, NY 105231610

NY Lab Id No: 10851

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual
	EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual
Asbestos-Vermiculite-Containing Mate	Item 198.8 of Manual
Lead in Dust Wipes	EPA 7000B
Lead in Paint	EPA 7000B

Sample Preparation Methods

	EPA 3050B

Serial No.: 68589

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

SHANNON D TALSMA
CLASS(EXPIRES)
C ATEC (10/25) D INSP (10/25)
H PM (10/25)

CERT# 24-61PEC-SHAB
DMV# 963348232

MUST BE CARRIED ON ASBESTOS PROJECTS

01213 007310343 42

IF FOUND, RETURN TO:
NYSDOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12226

OSHA
Occupational Safety and Health Administration

12-006010504

This card acknowledges that the recipient has successfully completed:

10-hour Construction Safety and Health

This card issued to:

Shannon D. Talsma

David Veit — Trainer Name

04/22/2016 — Date of Issue

Atlantic OSHA Training Center
An Authorized OSHA Training Institute Education Center

732.235.9450
aotc.sph.rutgers.edu

OSHA recommends Outreach Training Courses as an orientation to occupational safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

Use or distribution of this card for fraudulent purposes, including false claims of having received training, may result in prosecution under 18 U.S.C. 1001. Potential penalties include substantial criminal fines, imprisonment up to 5 years, or both.

To verify this training, scan the QR code with your mobile device.

Rev. 1/2016

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

DILLON T STAMPER
CLASS(EXPIRES)
D INSP (12/24) H PM (12/23)
C ATEC (12/23)

CERT# 23-6LUH4-SHAB
DMV# 190870975

MUST BE CARRIED ON ASBESTOS PROJECTS

IF FOUND, RETURN TO:
NYSDOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12226

01213 007018200 19

OSHA
Occupational Safety and Health Administration

20-006275725

This card acknowledges that the recipient has successfully completed:

10-hour Construction Safety and Health

This card issued to:

Dillon Stamper

Robert Serino	6/28/2022
Trainer Name	Date Issued

OSHA Training Institute Education Centers®
University of South Florida

813-974-2284
usfotiec-cards@usf.edu

OSHA recommends Outreach Training Courses as an orientation to occupati >nal safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

Use or distribution of this card for fraudulent purposes, including false claims of having received training, may result in prosecution under 18 U.S.C. 1001. Potential penalties include substantial criminal fines, imprisonment up to 5 years, or both.

To verify this training scan the QR code with your mobile device.

Rev. 1/2016

SECTION 02080 – ASBESTOS ABATEMENT PROCEDURES

AT: ORANGE ULSTER BOCES – AXELROD BUILDING
103 GIBSON ROAD
GOSHEN, NY 10924
SED #44-90-00-00-0-009-036

OWNER: ORANGE ULSTER BOCES
53 GIBSON ROAD
GOSHEN, NY 10924
PH. (845) 291-0100
FX. (845) 291-0129

CONSULTANT: QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC. (QUES&T)
1376 ROUTE 9
WAPPINGERS FALLS, NEW YORK 12590
PH. (845) 298-6031
FX. (845) 298-6251

SPECIFICATION DATED: October 25, 2024
Design conforms to all applicable provisions of the NYS Uniform Fire Prevention and Building Code, NYS Energy Conservation Construction Code and Education Department Building Standards.

PART I – GENERAL

1.01 DESCRIPTION

A. All work under this contract shall be performed in strict accordance with the specifications and all applicable laws for asbestos removal projects. The Abatement Contractor shall furnish all labor, materials, supervision, services, insurance and equipment necessary for the complete and total removal of Asbestos-containing Materials (ACM) as described herein, in attachments to the specification, Job Specific Variance(s) and/or as directed by Bronxville Union Free School District (here-in-after the "Owner") and/or the Owners Representative(s) to support the to the following New Paltz Central School District project:

- Orange Ulster BOCES – 2023 Capital Improvements Project
  103 Gibson Road
  Goshen, NY 10924
  SED #44-90-00-00-0-009-036

B. Abatement Contractor shall provide for personnel air monitoring to satisfy OSHA regulation 29 CFR Parts 1926.1101(f). All work performed shall be in strict accordance with applicable provisions and regulations promulgated under New York State Department of Labor, Industrial Code 56 (ICR-56).

C. The Abatement Contractor shall satisfy the requirements for asbestos projects issued by the New York State Department of Labor concerning licensing and certification; notification; equipment; removal and disposal procedures; engineering controls; work area preparation; decontamination and clean-up procedures; and personnel air monitoring.

D. The Abatement Contractor shall be responsible for submittal of asbestos project notification(s) and applicable fees to EPA and NYSDOL concerning this project. Project notification(s) shall be made for the cumulative total of ACM to be removed as required by ICR-56-3.4. Work practices for each individual work area established shall be consistent with the quantity of ACM contained within that work area as defined in ICR-56-2.

E. The scope of work under this contract shall include the following:

1. All asbestos-containing materials (ACM) shall be removed in accordance with these specifications. The Abatement Contractor is responsible for field verification of estimated quantities, locations and other site conditions that may affect work.

2. All fixed objects remaining within the work area(s) shall be protected as required by Title 12 NYCRR Section 56-7.10(b) and as described in these specifications.

3. The containerization, labeling, and disposal of all asbestos waste in accordance with applicable city, state and federal regulations and these specifications.

4. The Abatement Contractor will be responsible for repairing all building components damaged during abatement including, but not limited to, ceiling tiles, ceiling finishes, wall finishes and/or floor finishes, etc.

5. The Abatement Contractor shall be responsible for any and all demolition required to access materials identified in scope of work and on associated drawings.

6. Concealed conditions that are exposed and may require additional work shall be brought to the attention of the Owner(s) immediately. The Abatement Contractor shall not abate these areas without a written notice to proceed. If the Abatement Contractor removes additional asbestos prior to the order to proceed the additional work will not be acknowledged.
7. Permissible working hours shall be Monday through Friday 7:00 A.M. to 4:00 P.M. with one (1) hour for lunch and/or as defined by the Owner. Holidays shall be considered weekends and not included for working days. Upon written approval from the Owner, the Abatement Contractor may work past these hours. The Abatement Contractor will incur any and all costs associated for work performed beyond the defined schedule including, but not limited to: abatement activities, project/air monitoring, custodial/staffing labor, overtime, mobilizations, etc.

8. Buildings will be turned over to the Abatement Contractor as is. At that time, all electrical services and HVAC systems in the proposed work areas will be shut down. Electricity and water supply will be maintained in the building for use by the Abatement Contractor. The Abatement Contractor is responsible for securing all power in the work area(s) and establishing all temporary GFCI hookups necessary to complete his work.

9. The Abatement Contractor shall remove identified asbestos-containing floor coverings to the building substrate beneath; in areas indicated. Subsequent to final air clearances, the substrate(s) shall be washed with a neutralizing agent to prepare the substrate to accept new floor covering and eliminate residual odors.

10. The Abatement Contractor must coordinate location of waste containers with the Facility and the Owner. Deliveries and storage of equipment must be coordinated with the Facility and the Owner.

11. All “Large” and “Small” asbestos abatement projects, as defined by 12 NYCRR56 shall not be performed while the building is occupied. The term “building” means a wing or major section of a building that can be completely isolated from the rest of the building with sealed non-combustible construction. The isolated portion of the building must contain exists that do not pass through the occupied portion(s) and ventilation systems must be physically separated and sealed at the isolation barriers.

1.02 PRE-CONTRACT SUBMITTALS

Within three (3) days after bids are opened, the three (3) apparent low bidders shall be required to submit the following documentation:

A. Resume': Shall include the following:

1. Provide a list of projects of similar nature performed within the past two (2) years and include the dollar value of all projects. Provide project references to include owner, consultant, and air monitoring firms' name, contact person, address, and phone number, include location of project and date of completion.

2. Abatement Contractor license issued by New York State Department of Labor for asbestos work in accordance with ICR-56-3.

3. A list of owned equipment available to be used in the performance of the project.

4. The number of years engaged in asbestos removal.

5. An outline of the worker training courses, and medical surveillance program conducted by the Abatement Contractor.

6. A standard operating procedures manual describing work practices and procedures, equipment, type of decontamination facilities, respirator program, special removal techniques, etc.

7. Documentation to the satisfaction of the Owner pertaining to the Abatement Contractor's financial resources available to perform the project. Such data shall include, but not be limited to, the firm's balance sheet for the last fiscal year.

B. Citations/Violations/Legal Proceedings

1. Submit a notarized statement describing any citations, violations, criminal charges, or legal proceedings undertaken or issued by any law enforcement, regulatory agency, or consultant concerning performance on previous asbestos abatement contracts. Briefly describe the circumstances citing the project and involved persons and agencies as well as the outcome of any actions.

2. Answer the question: "Has your firm or its agents been issued a Stop Work order on any project within the last two years?" If "Yes" provide details as discussed above.

3. Answer the question: "Are you now, or have you been in the past, a party to any litigation or arbitrations arising out of your performance on Asbestos Abatement Contracts?" If "Yes" provide details as discussed in 1. above.

4. Describe any liquidated damages assessed within the last two years.

C. Preliminary Schedule

1. Provide a detailed schedule including work dates, work shift times, estimate of manpower to be utilized and the start and completion date for completion of each major

work area.

1.03 DOCUMENTATION

A. The Abatement Contractor shall be required to submit the following and receive the Consultant's approval prior to commencing work on this project:

1. Provide documentation of worker training for each person assigned to the project. Documentation shall include copies of each workers valid New York State asbestos handler certificates (for those employees who may perform asbestos removal), documentation of current respirator fit test and current OSHA required training and medical examination.

2. The attached "Asbestos Employee Medical Examination Statement" and "Asbestos Employee Training Statement" forms shall be completed, signed, and submitted for each worker assigned to the project. Records of all employee training and medical surveillance shall be maintained for at least forty (40) years. Copies of the records shall be submitted to the Consultant prior to commencement.

3. The Abatement Contractor shall submit proof of a current, valid license issued by the New York State Department of Labor pursuant to the authority vested in the Commissioner by section 906 of the Labor Laws, and that the employees performing asbestos related work on this project are certified by the State of New York as required in Part 56 of Title 12 of the Official Compilation of Codes, Rules and Regulations of the State of New York latest edition. Copies of all licenses shall be submitted prior to the commencement of the project.

4. The Abatement Contractor shall submit a written respiratory protection program meeting the requirements of 29 CFR 1910.134 to the Consultant.

5. The name, address, social security number and NYS DOL certificate number of the person(s) who will supervise the asbestos project.

6. The name and address of the deposit or waste disposal site or sites where the asbestos materials are to be deposited or disposed of. This site must be approved by the Owner. The manifesting procedure must also be specified.

7. The name, address and New York State Dept. of Environmental Conservation ID Number of any transporters that are to be used to transport waste.

8. A written Standard Operation Procedure (SOP) that is designed and implemented to maximize protection against human exposure to asbestos dust. The SOP shall take into consideration the workers, visitors, building employees, general public and environment. As a minimum the procedures must include the following:

   a. Security for all work areas on an around-the-clock basis against unauthorized access.

   b. Project organization chart including the phone numbers of at least two responsible persons who shall be authorized to dispatch men and equipment to the project in the event of an emergency; including weekends.

c. Description of protective clothing and NIOSH approved respirators to be used.

d. Description of all removal methods to be used, including HEPA air filtration and decontamination sequence with special emphasis on any procedure that may deviate from these specifications.

e. A list of manufacturers' certificates stating that all vacuums, negative air filtration equipment, respirators and air supply equipment meet OSHA and EPA requirements.

f. A list of all materials proposed to be furnished and used under this contract.

g. Emergency evacuation procedures in the event of fire, smoke, or accidents such as injury from falling, heat exposure, electrical shock, etc.

h. The name, address and ELAP number of the New York State Department of Health Certified Analytical Testing Laboratory the Contractor proposes to use for the OSHA monitoring.

9. A detailed plan, in triplicate, for the phasing of the project, division of work areas and location of decontamination facilities, waste containers and temporary office.

10. Work schedule, identifying firm dates and completion for actual areas. Bar chart or critical path chart indicating phases is required.

B. The Abatement Contractor shall post their NYS DOL contractor's license and maintain a daily log documenting the dates and time of the following items within each personal decontamination unit:

1. Meetings; purpose, attendants, discussion (brief)

2. Sign-in and sign-out of all persons entering the work area including name, date, time, social security number, position or function and general description of daily activity.

3. Testing of barriers and enclosure systems using smoke tubes prior to the beginning of abatement activities and at least once a day thereafter until satisfactory clearance air monitoring results have been achieved.

4. Inspection of all plastic barriers, twice daily, by the asbestos supervisor.

5. Loss of enclosure integrity; special or unusual events, barrier breaches, equipment failures, etc.

6. Daily cleaning of enclosures.

7. Personnel air monitoring test results for OSHA Compliance. Results shall be posted at the work site within 24 hours of testing and copies supplied to the Owner within five (5) days of testing. Abnormalities shall be supplied to the Owner immediately.

C. Documentation with confirmation signature of Consultant's representative of the following shall be provided by the Abatement Contractor at the final closeout of the project.

1. Testing of barriers and enclosure systems using smoke tubes shall be performed prior to

the beginning of abatement activities and at least once a day thereafter until satisfactory clearance air monitoring results have been achieved.

2. Inspection of all plastic barriers.

3. Removal of all polyethylene barriers.

4. Consultant's inspections prior to encapsulation.

5. Removal of waste materials.

6. Decontamination of equipment (list items).

7. Consultant's final inspection/final air tests.

D. The Abatement Contractor shall provide records of all project information, to include the following which shall be submitted upon completion of the project and prior to approval of the Abatement Contractor's payment application:

1. The location and description of the abatement project.

2. The name, address, and social security number of the person(s) who supervised the asbestos project.

3. Certified payroll documentation Pursuant to Article 8, Section 220 of the NYS Labor Law

4. Copies of EPA/NYSDOL Asbestos Certificates for all Workers and Supervisors employed on the Project.

5. Copies of Medical Approval and Respirator Fit-testing for all Asbestos Workers and Supervisors employed on the Project.

6. Copies of Abatement Contractors Daily Sign-In Sheets & Logs for persons entering and leaving the work area. – Title 12 NYCRR Part 56-7.3.

7. Copies of Abatement Contractor’s personal air sampling laboratory results.

8. The amounts and type of asbestos materials that were removed, enclosed, encapsulated, or disturbed.

9. The name and address of the deposit or waste disposal site or sites where the asbestos waste materials were deposited or disposed of and all related manifests, receipts and other documentation associated with the disposal of asbestos waste.

10. The name and address of any transporters used to transport waste and all related manifests, receipts and other documentation associated with the transport of asbestos waste.

11. All other information that may be required by state, federal or local regulations.

12. Copy of the Supervisor’s Daily Project Log of events as described in 1.03 B, above.

1.04 NOTIFICATIONS AND PERMITS

A. The Abatement Contractor shall be required to prepare and submit notifications to the following agencies at least ten (10) days prior to the commencement of the project:

1. Asbestos NESHAPS Contact
U.S. Environmental Protection Agency
NESHAPS Coordinator, Air Facilities Branch
26 Federal Plaza
New York, New York 10007
(212) 264-7307

2. State of New York Department of Labor
Division of Safety and Health
Asbestos Control Bureau
State Office Building Campus, Building 12, Room 454
Albany, New York 12240

3. Owner(s): Orange Ulster BOCES
53 Gibson Road
Goshen, NY 10924
ATTN: Kevin Sullivan – Director of Operations
Ph. (845) 291-0100 X10150
Fx. (845) 291-0129
E-mail. kevin.sullivan@ouboces.org

4. Owner's Representative(s): KG&D Architects, P.C.
285 Main Street
Mount Kisco, NY 10924
ATTN: Brian Mangan
Ph. (914) 666-5900

E-mail. bmangan@kgdarchitects.com

5. Environmental Consultant(s): Quality Environmental Solutions & Technologies, Inc. (QuES&T)
1376 Route 9
Wappingers Falls, New York 12590
ATTN: Rudy Lipinski
Ph. (845) 298-6031
Fx. (845) 298-6251
E-mail. rlipinski@qualityenv.com

B. The notification shall include but not be limited to the following information:

1. Name and address of Owner.

2. Name, address, and asbestos handling license number of the Abatement Contractor.

3. Address and description of the building, including size, age, and prior use of the building or area; the amount, in square feet or linear feet of asbestos material to be removed;

room designation numbers or other local information where asbestos material is found, including the type of asbestos material (friable or non-friable).

4. Scheduled starting and completion dates for removal.

5. Methods to be employed in abating asbestos containing materials.

6. Procedures and equipment, including ventilating/exhaust systems, that will be employed to comply with the Code of Federal Regulation (CFR) Title 40, Part 61 of the U.S. Environmental Protection Agency.

7. The name and address of the carting company and of the waste disposal site where the asbestos waste will be deposited.

NOTE: Notifications shall be submitted using standard forms as may be used by the respective agency.

For DOL (NYS) include "Asbestos Project Notification" form (DOSH-483) with proper fee, if required. For EPA include "Notification of Demolition and Renovation"; 40 CFR Part 61.

C. The Abatement Contractor shall secure any permits required by the city, town, county, or state that may be required and the cost for obtaining the permit shall be included in his base bid.

D. The Abatement Contractor shall erect warning signs around the workspace at every point of potential entry into the work area in accordance with OSHA 1926.58k (2), (i). These signs shall bear the following information:

DANGER
ASBESTOS
MAY CAUSE CANCER
CAUSES DAMAGE TO LUNGS
AUTHORIZED PERSONNEL ONLY

In addition, where the use of respirators and protective clothing is required in the regulated area under this section, the warning signs shall include the following:

WEAR RESPIRATORS PROTECTION AND PROTECTIVE CLOTHING IN THIS AREA

E. The Abatement Contractor shall post at entrances to the workplace and immediate adjacent areas, notifications to building occupants, which include the name and license number of the contractor, project location and size, amount and type of ACM, abatement procedures, dates of expected occurrence and name and address of the air monitor and laboratory in compliance with ICR 56-3.6.

F. The Abatement Contractor shall post a list of emergency telephone numbers at the job site which shall include the Owner's Representative, police, emergency squad, local hospital, Environmental Protection Agency, N.Y. State Department of Labor, Occupational Safety and Health Administration and the local Department of Health.

1.05 APPLICABLE STANDARDS

Except to the extent that more explicit or more stringent requirements are written directly into the contract documents, applicable standards of the construction industry have the same force and effects (and are made a part of contract documents by reference) as if copied directly into contract documents, or as if published copies were bound herewith. Resolution of overlapping and conflicting requirements, which result from the application of several different industry standards to the same unit of work, shall be by adherence to the most stringent requirement.

A. Applicable standards listed in these Specifications form a part of this Specification and include, but are not necessarily limited to, standards promulgated by the following agencies and organizations:

1. ANSI:
   American National Standards Institute
   1430 Broadway
   New York, New York 10018

2. ASHRAE:
   American Society for Heating, Refrigerating
   and Air Conditioning Engineers
   1791 Tullie Circle NE
   Atlanta, Georgia 30329

3. ASTM:
   American Society for Testing and Materials
   1916 Race Street
   Philadelphia, Pennsylvania 19103

4. CFR
   Code of Federal Regulations Available
   from Government Printing Office
   Washington, District of Columbia 20402

5. CGA
   Compressed Gas Association
   1235 Jefferson Davis Highway
   Arlington, Virginia 22202

6. CS
   Commercial Standard of NBS
   (US Dept. of Commerce)
   Government Printing Office

7. EPA
   Environmental Protection Agency, Region II
   26 Federal Plaza
   New York, New York 10007
   Asbestos Coordinator - Room 802
   (212) 264-9538
   Part 61, Sub-Parts A & B

National Emission Standard for Asbestos

8. FEDERAL SPECS
   Federal Specification (General Services Administration)
   7th and D Street, SW
   Washington, District of Columbia 20406

9. NBS
   National Bureau of Standards
   (US Department of Commerce)
   Gaithersburg, Maryland 20234

10. NEC
    National Electrical Code (by NFPA)

11. NFPA
    National Fire Protection Association
    Batterymarch Park
    Quincy, Massachusetts 02269

12. NIOSH
    National Institute for Occupational Safety and Health
    26 Federal Plaza
    New York, New York 10007

13. NYSDOH
    New York State Department of Health
    Bureau of Toxic Substance Assessment
    Room 359 - 3rd Floor
    Tower Building Empire State Plaza
    Albany, New York 12237

14. NYSDEC
    New York State Department of Environmental Conservation
    Room 136
    50 Wolf Road
    Albany, New York 12233-3245

15. NYSDOL
    State of New York Department of Labor
    Division of Safety and Health
    Asbestos Control Program
    State Campus
    Building 12
    Albany, New York 12240

16. OSHA
    Occupational Safety and Health Administration
    (US Department of Labor)
    New York Regional Office - room 3445
    1515 Broadway

New York, New York 10036

17. UL

Underwriters Laboratories
333 Pfingsten Road
Northbrook, Illinois 60062

B. Federal Regulations: Those which govern asbestos abatement work or hauling and disposal of asbestos waste materials:

1. U.S. Department of Labor, Occupational Safety and Health Administration, (OSHA):

a. Asbestos Regulations
Title 29, Part 1910, of the Code of Federal Regulations.

b. Respiratory Protection
Title 29, Part 1910, Section 134 of the Code of Federal Regulations.

c. Construction Industry
Title 29, Part 1926, of the Code of Federal Regulations.

d. Access to Employee Exposure & Medical Records
Title 29, Part 1910, Section 20 of the Code of Federal Regulations.

e. Hazard Communication
Title 29, Part 1910, Section 1200 of the Code of Federal Regulations.

f. Specifications for Accident Prevention Signs and Tags
Title 29, Part 1910, section 145 of the Code of Federal Regulations.

2. U.S. Environmental Protection Agency (EPA):

a. Asbestos Hazard Emergency Response Act (AHERA) Regulation Asbestos Containing Materials in Schools Final Rule & Notice Title 40, Part 763, Subpart E of the Code of Federal Regulations.

b. Worker Protection Rule
40 CFR Part 763, Subpart G, CPTS 62044, FLR 2843-9
Federal Register, Vol. 50, No. 134, 7/12/85, P28530-28540

c. Regulation for Asbestos
Title 40, Part 61, Subpart A of the Code of Federal Regulations

d. National Emission Standard for Asbestos
Title 40, Part 61, Subpart M (Revised Subpart B) of the Code of Federal Regulations

e. Resource Conservation and Recovery Act (RCRA) 1976, 1980
Hazardous and Solid Waste Amendments (HSWA) 1984
Subtitle D, Subtitle C

3. U.S. Department of Transportation (DOT):

   a. Hazardous Substances: Final Rule Regulation 49 CFR, Part 171 and 172.

C. State Regulations: Those which govern asbestos abatement work or hauling and disposal of asbestos waste materials:

1. New York State Department of Environmental Conservation (DEC) Regulations regarding waste collection registration. Title 6, Part 364 of the New York State Official Compilation of Codes, Rules and Regulations - 6NYCRR 364.

2. New York State Right-To-Know Law

3. New York State Department of Labor Asbestos Regulations Industrial Code Rule 56.

D. Standards: Those which govern asbestos abatement work or hauling and disposal of asbestos waste materials:

1. American National Standards Institute (ANSI)

   a. Fundamentals Governing the Design and Operation of Local Exhaust Systems Publication Z9.2-79

   b. Practices for Respiratory Protection Publication Z88.2-80

E. Guidance Documents: Those that discuss asbestos abatement work or hauling, and disposal of asbestos waste materials are listed below only for the Abatement Contractor's information. These documents do not describe the work and are not a part of the work of this contract.

EPA:

1. Guidance for Controlling Asbestos Containing Materials in Buildings (Purple Book) EPA560/5-85-024.

2. Asbestos Waste Management Guidance EPA 530-SW-85-007.

F. Patents and Royalties: The Abatement Contractor shall pay all royalties and/or license fees. The Abatement Contractor shall defend all suits and claims for infringement of any patent rights and save the Owner and Consultant harmless from loss including attorney fees on account thereof.

1.06 DEFINITIONS

As used in or in connection with these specifications the following are terms and definitions.

Abatement - Procedure to control release from asbestos material. This includes removal, encapsulation, and enclosure.

Aggressive sampling - A method of sampling in which the person collecting the air sample creates activity by the use of mechanical equipment during the sampling period to stir up settled dust and simulate activity in that area of the building.

AIHA - The American Industrial Hygiene Association, 475 Wolf Ledges Parkway, Akron, Ohio 44311.

Airlock - A system for permitting entrance and exit while restricting air movement between a containment area and an uncontaminated area. It consists of two curtained doorways separated by a distance of at least three feet such that one passes through one doorway into the airlock, allowing the doorway sheeting to overlap and close off the opening before proceeding through the second doorway, thereby preventing flow-through contamination.

Air sampling - The process of measuring the content of a known volume of air collected during a specific period of time.

Amended water - Water to which a surfactant has been added.

Approved asbestos safety program - A program approved by the Commissioner of Health providing training in the various disciplines that may be involved in an asbestos project.

Area air sampling - Any form of air sampling or monitoring where the sampling device is placed at some stationary location.

Asbestos - Any naturally occurring hydrated mineral silicate separable into commercially usable fibers, including chrysotile (serpentine), amosite (cumingtonite-gunerite), crocidolite (riebeckite), tremolite, anthophyllite and actinolite.

Asbestos contract - An oral or written agreement contained in one or more documents for the performance of work on an asbestos project and includes all labor, goods, and service.

Asbestos handler - An individual who installs, removes, applies, encapsulates, or encloses asbestos or asbestos material, or who disturbs friable asbestos. Only individuals certified by NYS Department of Labor shall be acceptable for work under this specification.

Asbestos handling certificate - A certificate issued by the Commissioner of Labor of the State of New York, to a person who has satisfactorily completed an approved asbestos safety program.

Asbestos project - Work undertaken by a contractor which involves the installation, removal, encapsulation, application or enclosure of any ACM or the disturbance of friable ACM.

Asbestos Safety Technician (AST) - Individual designated to represent the Consultant, perform third party monitoring and perform compliance monitoring at the job site during the asbestos project.

Asbestos waste material - Asbestos material or asbestos contaminated objects requiring disposal.

Authorized visitor - The building owner, his or her representative or any representative of a regulatory or other agency having jurisdiction over the project.

Background level monitoring - A method used to determine ambient airborne concentrations inside and outside of a building or structure prior to starting an abatement project.

Building owner - The person in whom legal title to the premises is vested unless the premises are held in land trust, in which instance Building Owner means the person in whom beneficial title is vested.

Clean room - An uncontaminated area or room that is a part of the personal decontamination enclosure with provisions for storage of persons' street clothes and protective equipment.

Cleanup - The utilization of HEPA vacuuming to control and eliminate accumulations of asbestos material and asbestos waste material.

Clearance air monitoring - The employment of aggressive sampling techniques with a volume of air collected to determine the airborne concentration of residual fibers upon conclusion of an asbestos abatement project.

Commissioner - Commissioner of the New York State Department of Labor.

Contractor - A company, unincorporated association, firm, partnership or corporation and any owner or operator thereof, which engages in an asbestos project or employs persons engaged in an asbestos project.

Curtained doorway - A device that consists of at least three overlapping sheets of plastic over an existing or temporarily framed doorway. One sheet shall be secured at the top and left side, the second sheet at the top and right side, and the third sheet at the top and the left side. All sheets shall have weights attached to the bottom to ensure that the sheets hang straight and maintain a seal over the doorway when not in use.

Decontamination enclosure system - A series of connected rooms, separated from the work area and from each other by air locks, for the decontamination of persons, materials, equipment, and authorized visitors.

Encapsulant (sealant) or encapsulating agent - A liquid material that can be applied to asbestos material and which prevents the release of asbestos from the material by creating a membrane over the surface.

Enclosure - The construction of airtight walls, ceilings and floors between the asbestos material and the facility environment, or around surfaces coated with asbestos materials, or any other appropriate procedure that prevents the release of asbestos materials.

Equipment room - A contaminated area or room that is part of the personal decontamination enclosure system with provisions for the storage of contaminated clothing and equipment.

Fixed object - A unit of equipment, furniture or other fixture in the work area which cannot be readily removed from the work area.

Friable Asbestos Material - That condition of crumbled, pulverized, powdered, crushed, or exposed asbestos capable of being released into the air by hand pressure.

Friable material containment - The encapsulation or enclosure of any friable asbestos material.

Glovebag technique - A method for removing asbestos material from heating, ventilating, and air conditioning (HVAC) ducts, piping runs, valves, joints, elbows, and other nonplanar surfaces in a noncontained work area. The glovebag assembly is a manufactured device consisting of a glovebag constructed of at least six mil transparent plastic, two inward-projecting longsleeve gloves, which may contain an inward projecting waterwand sleeve, an internal tool pouch, and an attached, labeled receptacle or portion for asbestos waste. The glovebag is constructed and installed in such a manner that it surrounds the object or area to be decontaminated and to contain all asbestos fibers released during the abatement process.

HEPA filter - A high efficiency particulate air filter capable of trapping and retaining 99.97 percent of particulate greater than 0.3 microns equivalent aerodynamic diameter.

HEPA vacuum equipment - Vacuuming equipment with a high efficiency particulate air filtration system.

Holding area - A chamber in the waste decontamination enclosure located between the washroom and an adjacent uncontaminated area.

Homogeneous work area - A site within the abatement work area that contains one type of asbestos material and where one type of abatement is used.

Large asbestos project - An asbestos project involving the installation, removal, disturbance, enclosure, or encapsulation of 160 square feet or more of asbestos or asbestos material or 260 linear feet or more of asbestos or asbestos material.

Minor asbestos project - An asbestos project involving the installation, removal, disturbance, enclosure, or encapsulation of 10 square feet or less of asbestos or asbestos material, or 25 linear feet or less of asbestos or asbestos material.

Movable object - A unit of equipment, furniture or fixture in the work area that can be readily removed from the work area.

Negative air pressure equipment - A local exhaust system equipped with HEPA filtration. The system shall be capable of creating and maintaining a negative pressure differential between the outside and the inside of the work area.

Non-asbestos material - Any material containing one percent or less asbestos by weight.

Occupied area - Any frequented portion of the work site where abatement is not taking place.

Outside air - The air outside the building or structure.

Personal air monitoring - A method used to determine an individual's exposure to airborne contaminants. The sample is collected outside the respirator in the person's breathing zone.

Plasticize - To cover floors, walls, ceilings, and other surfaces with 6 mil fire retardant plastic sheeting as herein specified.

Project - Any form of work performed in connection with the abatement of asbestos or alteration, renovation, modification or demolition of a building or structure that may disturb asbestos or asbestos material.

Removal - The stripping of any asbestos material.

Repair - Corrective action using required work practices to control fiber release from damaged areas.

Respiratory protection - Respiratory protection required of licensed asbestos workers and authorized visitors in accordance with the applicable laws.

Satisfactory clearance air monitoring results - For all post- abatement samples, airborne concentrations of total fibers that are less than 0.01 fibers per cubic centimeter or background levels, whichever are greater, using phase contrast microscopy (PCM).

Shower room - A room between the clean room and the equipment room in the personal decontamination enclosure with hot and cold running water controllable at the top and arranged for complete showering during decontamination.

Small asbestos project - An asbestos project involving the installation, removal, disturbances, enclosure, or encapsulation of more than 10 and less than 160 square feet of asbestos or asbestos material of more than 25 and less than 260 linear feet of asbestos or asbestos material.

Staging area - The area near the waste transfer airlock where containerized asbestos waste has been placed prior to removal from the work area.

Surfactant - A chemical wetting agent added to water to improve its penetration.

Visible emissions - An emission of particulate material that can be seen without the aid of instruments.

Washroom - A room between the work area and the holding area in the waste decontamination enclosure system, where equipment and waste containers are wet cleaned and/or HEPA vacuumed.

Waste decontamination enclosure system - An area, consisting of a washroom and a holding area, designated for the controlled transfer of materials and equipment.

Wet cleaning - The process of eliminating asbestos contamination from surfaces, equipment, or other objects by using cloths, mops, or other cleaning tools.

Work area - Designated rooms, spaces, or areas where asbestos abatement takes place.

Work site - Premises where asbestos abatement is taking place.

Work Surface - Substrate surface from which asbestos-containing material has been removed.

1.07 UTILITIES, SERVICE AND TEMPORARY FACILITIES

A. The Owner shall make available to the Abatement Contractor all reasonable amounts of water and electrical power at no charge.

B. The Abatement Contractor shall provide, at his own expense, all electrical, water, and waste connections, extensions, and construction materials, supplies, etc. All connections must be approved in advance by the Owner and all work relative to the utilities must be in accordance with the applicable building codes.

C. The Abatement Contractor shall provide scaffolding, ladders and staging, etc. as necessary to accomplish the work of this contract. The type, erection and use of all scaffolding, ladders, and staging, etc. shall comply with all applicable OSHA provisions.

D. All connections to the Owner's water system shall include reduced pressure backflow protection or double check and double gate valves. Valves shall be temperature and pressure rated for operation of the temperatures and pressures encountered. After completion of use, connections and fittings shall be removed without damage or alteration to existing water piping and equipment. Leaking or dripping valves shall be piped to the nearest drain or located over an existing sink or grade where water will not damage existing finishes or equipment.

E. The Abatement Contractor shall use only heavy-duty abrasion resistant hoses with a pressure rating greater than the maximum pressure of the water distribution system to provide water to each work area and to each decontamination unit. Provide fittings as required to allow for connection to existing wall hydrants or spouts, as well as temporary water heating equipment, branch piping, showers, shut-off nozzles, and equipment. All water must be shut off at the end of each shift.

F. The Abatement Contractor shall provide service to decontamination unit electrical subpanel with minimum 60 amp, 2 pole circuit breaker or fused disconnect and ground-fault circuit interrupters (GFCI), reset button and pilot light, connected to the building's main distribution panel. Subpanel and disconnect shall be sized and equipped to accommodate all electrical equipment required for completion of the work. This electrical subpanel shall be used for hot water heater, PAPR battery recharging and air sampling pumps.

G. The Abatement Contractor shall provide UL rated 40-gallon electric hot water heater to supply hot water for the decontamination unit shower. Activate from 30-amp circuit breaker on the electrical subpanel located within the decontamination unit. Provide with relief valve compatible with water heater operation; relief valve down to drip pan on floor with type L copper. Wiring of the hot water heater shall be in compliance with NEMA, NEC, and UL standards.

H. The Abatement Contractor shall provide identification warning signs at power outlets, which are other than 110-120-volt power. Provide polarized outlets for plug-in type outlets, to prevent insertion of 110-120 plugs into higher voltage outlets. Dry transformers shall be provided where required to provide voltages necessary for work operations. All outlets or power supplies shall be protected by ground fault circuit interrupter (GFCI) at the power source.

I. The Abatement Contractor shall use only grounded extension cords; use "hard-service" cords where exposed to abrasion and traffic. Use single lengths or use waterproof connectors to connect separate lengths of electric cords, if single lengths will not reach areas of work.

J. The Abatement Contractor shall provide general service incandescent lamps of wattage indicated or required for adequate illumination; Protect lamps with guard cages or tempered glass enclosures; Provide exterior fixtures where fixtures are exposed to moisture.

K. The Abatement Contractor shall provide temporary heating or air conditioning as necessary to maintain comfortable working temperatures inside and immediately outside the work areas. Heating and A/C equipment shall have been tested and labeled by UL, FM or another recognized trade association related to the fuel being used. Fuel burning heaters shall not be used inside containment areas. The Contractor shall also provide a comfortable working environment for occupied areas that are impacted by the asbestos removal.

L. The Abatement Contractor shall comply with recommendations of the NFPA standard in regard to the use and application of fire extinguishers. Locate fire extinguishers where they are most convenient and effective for their intended purpose but provide not less than one extinguisher in each work area, equipment room, clean room and outside the work area.

1.08 REMOVAL OF FIXTURES

A. In locations where the Abatement Contractor is directed to dispose of fixtures, he shall either decontaminate the fixtures and dispose of them as non-asbestos containing materials or he shall place them in an appropriate container and dispose of them as asbestos containing material.

B. In locations where the Abatement Contractor is directed to remove and reinstall fixtures, the fixtures shall be removed, decontaminated, labeled, protected with plastic, and stored by the contractor in a location as directed by the Owner.

C. Upon completion of the asbestos removal and upon receiving satisfactory clearance air monitoring results, all items to be replaced shall be restored to their original location and reinstalled by the Abatement Contractor.

PART 2 – PRODUCTS

2.01 MATERIALS AND EQUIPMENT

A. GENERAL REQUIREMENTS

1. Materials shall be stored off the ground, away from wet or damp surfaces and under protective cover to prevent damage or contamination.

2. Damaged or deteriorating materials shall not be used and shall be removed from the premises.

3. Power tools used to drill, cut into, or otherwise disturb asbestos material shall be equipped with HEPA filtered local exhaust ventilation.

4. The Abatement Contractor shall make available to authorized visitors, ladders and/or scaffolds of sufficient dimension and quantity so that all work surfaces can be easily and safely reached for inspection. Scaffold joints and ends shall be sealed with tape to prevent incursion of asbestos. Scaffolds and ladders shall comply with all applicable codes.

B. PLASTIC BARRIERS (POLYETHYLENE)

1. In sizes and shapes to minimize the number of joints.

   a. Six mil. (.006") fire-retardant for vertical protection (walls, entrances, and openings).

   b. Six mil. (.006") fire-retardant for horizontal protection (fixed equipment) and heating grilles.

   c. Six mil. (.006") reinforced fire-retardant for floors of decon units.

2. Provide two (2) layers over all roof, wall, and ceiling openings. Floor penetrations shall be sealed with a rigid material prior to plasticizing to prevent tripping and fall hazards. All seams within a layer shall be separated by a minimum distance of six feet and sealed airtight. All seams between layers shall be staggered.

3. Barrier Attachment - Commercially available duct tape (fabric or paper) and spray-on adhesive. Duct tape shall be capable of sealing joints of adjacent sheets of plastic, facilitating attachment of plastic sheets to finished or unfinished surfaces of dissimilar materials and adhering under both dry and wet conditions.

C. SIGNS

1. Danger signs shall be provided and shall conform to 29 CFR 1926.1101 and be 14" x 20". These signs shall bear the following information:

DANGER
ASBESTOS
MAY CAUSE CANCER
CAUSES DAMAGE TO LUNGS
AUTHORIZED PERSONNEL ONLY

In addition, where the use of respirators and protective clothing is required in the regulated area under this section, the warning signs shall include the following:

WEAR RESPIRATORS PROTECTION AND PROTECTIVE CLOTHING IN THIS AREA

D. DANGER LABELS AND TAPE

1. Labels shall be affixed to any asbestos contaminated material in accordance with the requirements of 29 CFR 1910.1200 (f) of OSHA's Hazard Communication Standard, and shall contain the following information:

DANGER
CONTAINS ASBESTOS FIBERS
AVOID BREATHING DUST
CANCER AND LUNG DISEASE HAZARD

2. A label shall be affixed on each container of asbestos waste in accordance with the requirements of 49 CFR Parts 171 and 172, Hazardous Substances; Final Rule (U.S. Department of Transportation), and shall contain the following information:

RQ HAZARDOUS SUBSTANCE
SOLID, NOS, ORM-E, NA 9188
(ASBESTOS)

3. A label shall be affixed on each container of asbestos waste in accordance with the requirements of 40 CFR Part 61.150, NESHAP; Asbestos; Final Rule (USEPA) and shall contain the name of the waste generator and the location at which the waste was generated.

NOTE: All containers marked as above (1, 2 and 3) shall be disposed of as asbestos waste.

4. Provide 3" red barrier tape printed with black lettering "DANGER ASBESTOS REMOVAL". Locate barrier tape across all corridors, entrances, and access routes to asbestos work area.

E. PROTECTIVE EQUIPMENT

1. Respiratory Requirements

a. Where fiber levels permit, and in compliance with regulatory requirements, Powered Air Purifying Respirators are the minimum allowable respiratory protection permitted to be utilized during removal operations.

b. Where not in violation of NIOSH, OSHA, and any other regulatory requirements, the Abatement Contractor shall provide the following minimum respiratory protection to the maximum use concentrations indicated:

MSHA/NIOSH Approved Respiratory Protection	Maximum Use Concentration
Half-Mask Air Purifying with HEPA Filters	10x PEL
Full-Facepiece Air Purifying HEPA Filters and Quantitative Fit Test	10x PEL
Powered Air Purifying (PAPR), Loose fitting Helmet or Hood, HEPA Filter	25x PEL
Powered Air Purifying (PAPR), Full Facepiece, HEPA Filter	50x PEL
Supplied Air, Continuous Flow Loose fitting Helmet or Hood	25x PEL
Supplied Air, Continuous Flow Full Facepiece, HEPA Filter	50x PEL
Full Facepiece-Supplied Air Pressure Demand, HEPA Filter	100x PEL
Full Facepiece-Supplied Air Pressure Demand, with Aux. SCBA, Pressure Demand or Continuous Flow	>100x PEL

2. Disposable Clothing -"Tyvek" manufactured by Dupont or approved equal.

3. NIOSH approved safety goggles to protect eyes.

4. Polyethylene bags, 6 mil. (.006") thick (use double bags).

NOTE: Workers must wear disposable coveralls and respirator masks at all times while in the work area. Contaminated coveralls or equipment must be left in the work area and not worn into other parts of the building.

F. TOOLS AND EQUIPMENT

1. Airless Sprayer - An airless sprayer, suitable for application of encapsulating material, shall be used.

2. Scaffolding - Scaffolding, as required to accomplish the specified work, shall meet all applicable safety regulations.

3. Transportation Equipment - Transportation equipment, as required, shall be suitable for loading, temporary storage, transport and unloading of contaminated waste without exposure to persons or property. Watertight, hard wall containers shall be provided to retain and dispose of any asbestos waste material with sharp-edged components that may tear plastic bags or sheeting. The containers shall be marked with danger labels.

4. Surfactant - Wetting Agents - "Asbestos-Wet" - Aquatrols Corp. of America or approved equal and shall be non-carcinogenic.

5. Portable (negative air pressure) asbestos filtration system - by Micro-Trap or approved equal.

6. Vacuum, HEPA type equal to "Nilfisk" #GA73, or "Pullman/Holt" #75 ASA.

7. Amended Water Sprayer - The water sprayer shall be an airless or other low-pressure sprayer for amended water application.

8. Other Tools and Equipment - The Abatement Contractor shall provide other suitable tools for the stripping, removal, encapsulation, and disposal activities including but not limited to: hand-held scrapers, nylon brushes, sponges, rounded edge shovels, brooms, and carts.

PART 3 – EXECUTION

3.01 PRE-ABATEMENT WORK AREA PREPARATION

A. The work area shall be vacated by the occupants prior to work area preparation and not reoccupied until satisfactory clearance air monitoring results have been achieved.

B. Caution signs shall be posted at all locations and approaches to a location where airborne concentrations of asbestos may exceed ambient background levels. Signs shall be posted that permit a person to read the sign and take the necessary protective measures to avoid exposure.

C. Shut down and lock out electric power to all work areas. The Abatement Contractor shall provide temporary power and lighting and ensure safe installation of temporary power sources and equipment used where high humidity and/or water shall be sprayed in accordance with all applicable codes. All power to work areas shall be brought in from outside the area through a ground-fault interrupter at the source.

D. Isolate the work area HVAC system.

E. The personnel decontamination enclosure system shall be installed or constructed prior to preparatory work in the work area and in particular before the disturbance of asbestos material. The waste decontamination enclosure system shall be installed or constructed prior to commencement of abatement activities.

F. Movable objects within the work area shall be pre-cleaned using HEPA filtered vacuum equipment and/or wet cleaning and such objects shall be removed from the work area to an uncontaminated location. If disposed of as asbestos waste material, cleaning is not required.

G. Fixed objects and other items, which are to remain within the work area, shall be pre-cleaned using HEPA filtered vacuum equipment and/or wet cleaning. Such objects shall be enclosed with two layers of at least six mil plastic sheeting and sealed with tape.

H. The work area shall be pre-cleaned using HEPA filtered vacuum equipment and/or wet cleaning. Methods that raise dust, such as dry sweeping or vacuuming with equipment not equipped with HEPA filters, shall be prohibited. Asbestos material shall not be disturbed during pre-cleaning.

I. Isolation barriers that seal off all openings, including windows, corridors, doorways, ducts, and any other penetrations of the work area, shall be constructed using two layers of at least six mil fire-retardant plastic sheeting sealed with tape. Also, all seams in mechanical system components that pass through the work area shall be sealed. Doorways and corridors, which shall not be used for passage during work, shall also be sealed.

J. Removal of mounted objects. After isolation barriers are in place, objects such as light fixtures, electrical track, alarm systems, ventilation equipment and other items not previously sealed, shall be double sealed with six mil fire-retardant plastic sheeting. Localized HEPA filtered vacuum equipment shall be used during fixture removal to reduce asbestos dispersal.

K. Individual roof and floor drains shall be sealed watertight using two layers of 6-mil fire-retardant plastic sheeting and tape prior to plasticizing. Openings in floor shall be fully covered with plywood sheeting secured to the floor in such a way as to minimize a tripping hazard prior to plasticizing.

L. Emergency and fire exits from the work area shall be maintained or alternate exits shall be established according to all applicable codes.

M. Adequate toilet facilities shall be supplied by the Abatement Contractor and shall be located either in the clean area of the personnel decontamination enclosure or shall be readily accessible to the personnel decontamination enclosure.

3.02 LARGE ASBESTOS PROJECT PERSONNEL DECONTAMINATION ENCLOSURE SYSTEM (ICR 56-7.5)

A. The personnel decontamination enclosure shall be constructed prior to preparatory work in the work area and in particular before the disturbance of asbestos material.

1. Construction and use of personnel decontamination enclosure systems shall be in accordance with ICR-56 and any Applicable or Site-Specific Variances utilized on this project. Such systems may consist of existing rooms outside of the work area, if the layout is appropriate, that can be enclosed is plastic sheeting and are accessible from the work area. When this situation does not exist, enclosure systems may be constructed out of metal, wood, or plastic support.

2. The personnel decontamination enclosure system shall consist of a clean room, a shower room, and an equipment room, in series, separated from each other and from the work area by three airlocks.

3. There shall be one shower per six full shift abatement persons calculated on the basis of the largest shift.

4. The personnel decontamination enclosure system shall be fully framed, sheathed for safety and constructed to prevent unauthorized entry.

5. Personnel decontamination enclosure systems constructed at the work site shall utilize at least six mil fire-retardant opaque plastic sheeting. At least two layers of six mil fire-retardant reinforced plastic sheeting shall be used for the flooring of this area.

6. All prefabricated decontamination units shall be completely decontaminated and sealed prior to separation and removal from the work area. Mobile decontamination units shall remain in place until satisfactory clearance results have been attained.

7. The clean room shall be sized to accommodate all authorized persons. Benches, lockers, and hooks shall be provided for street clothes. Shelves for storing respirators shall also be provided. Clean clothing, replacement filters for respirators, towels and other necessary items shall be provided. The clean room shall not be used for the storage of tools, equipment, or materials. It shall not be used for office space. A lockable door shall be provided to permit access to the clean room from outside the work area or enclosure. It shall be used to secure the work area and decontamination enclosure during off-shift hours.

8. The shower room shall contain one or more showers. Each shower head shall be supplied with hot and cold water adjustable at the tap. The shower enclosure shall be constructed to ensure against leakage of any kind. Uncontaminated soap, shampoo and towels shall be available at all times. Shower water shall be drained, collected and filtered through a system with at least 5.0-micron particle size collection capability. A system containing a series of several filters with progressively smaller pore sizes shall be used to avoid rapid clogging of the filtration system by large particles. Filtered wastewater shall be discharged in accordance with applicable codes. Contaminated filters shall be disposed of as asbestos waste. The shower room shall be constructed in such a way that travel through the decontamination unit shall be through the shower.

9. The equipment room shall be used for the storage of equipment and tools after decontamination using a HEPA filtered vacuum and/or wet cleaning. A one-day supply of replacement filters, in sealed containers, for HEPA vacuums and negative pressure ventilation equipment, extra tools, containers of surfactant and other materials and equipment that may be required during the abatement project may also be stored here. A walk-off pan filled with water shall be located in the work area just outside the

equipment room for persons to clean foot covering when leaving the work area. A drum lined with a labeled, at least six mil plastic bag is required for collection of clothing and shall be located in this room. Contaminated footwear and work clothes shall be stored in this area.

3.03 WASTE DECONTAMINATION ENCLOSURE SYSTEM (ICR 56-7.5)

A. General Requirements

1. A waste decontamination enclosure system shall consist of the following:

   a. A washroom/cleanup room shall be constructed with an airlock doorway to the work area and another airlock doorway to the holding area.

   b. The holding area shall be constructed with an airlock doorway to the washroom/cleanup room and another lockable door to the outside.

2. Where there is only one egress from the work area, the holding area of the waste decontamination enclosure system may branch off from the equipment decontamination room, which doubles as a waste washroom, of the personnel decontamination enclosure.

3. The waste washroom shall be equipped with a drain installed to collect water and deliver it to the shower drain where it shall be filtered through a system with at least 5.0-micron particle size collection capability. A system containing a series of several filters with progressively smaller pore sizes shall be used to avoid rapid clogging of the filtration system by large particles. Filtered wastewater shall be discharged in accordance with applicable codes. Contaminated filters shall be disposed of as asbestos waste.

4. The waste washroom shall be constructed in such a way that travel through the rooms shall be through the waste washroom.

3.04 WORK AREA ENTRY AND EXIT PROCEDURES

A. The following procedures shall be followed throughout the asbestos abatement project until satisfactory clearance air monitoring results have been achieved:

1. All persons shall enter and exit the work area through the personnel decontamination enclosure system.

2. All persons who enter the work area or an enclosure shall sign the entry/exit log, located in the clean room, upon every entry and exit.

3. All persons, before entering the work area, or an enclosure shall read and be familiar with all posted regulations, personal protection requirements, including work area entry and exit procedures, and emergency procedures. The entry/exit log headings shall indicate, and the signatures shall be used to acknowledge, that these have been reviewed and understood by all persons prior to entry.

4. All persons shall proceed first to the clean room, remove all street clothing, store these items in clean sealable plastic bags or lockers and don coveralls, head covering, foot

covering and gloves. All persons shall also don NIOSH approved respiratory protection. Clean respirators and protective clothing shall be utilized by each person, for each separate entry into the work area. Respirators shall be inspected prior to each use and tested for proper seal using quantitative or qualitative fit checks.

5. Persons wearing designated personal protective equipment shall proceed from the clean room through the shower room to the equipment room, where necessary tools are collected and any additional clothing shall be donned, before entry into the work area.

6. Before leaving the work area, all persons shall remove gross contamination from the outside of respirators and protective clothing by brushing, wet cleaning, and/or HEPA vacuuming.

7. Persons shall proceed to the equipment room where all coveralls, head covering, foot covering, and gloves shall be removed. Disposable clothing shall be deposited into labeled containers for disposal. Reusable contaminated clothing, footwear, head gear and gloves shall be stored in the equipment room when not being used in the work area.

8. Still wearing respirators, persons shall proceed to the shower area, clean the outside of the respirator and the exposed face area under running water prior to removal of the respirator, and then fully and vigorously shower and shampoo to remove residual asbestos contamination. Respirators shall be washed thoroughly with soap and water. Some types of respirators will require slight modification of these procedures. An airline respirator with HEPA filtered disconnect protection shall be disconnected in the equipment room and worn into the shower. A powered air-purifying respirator facepiece shall be disconnected from the filter/power pack assembly prior to entering the shower.

9. After showering and drying, all persons shall proceed to the clean room and don clean personal protective equipment if returning to the work area or street clothing if exiting the enclosure.

3.05 EQUIPMENT AND WASTE CONTAINER DECONTAMINATION & REMOVAL PROCEDURES

A. The following procedures shall be followed throughout the asbestos abatement project until satisfactory clearance air monitoring results have been achieved.

1. External surfaces of contaminated containers and equipment shall be cleaned by wet cleaning and/or HEPA vacuuming in the work area before moving such items into the waste decontamination enclosure system airlock by persons assigned to this duty. These work area persons shall not enter the airlock.

2. These contaminated items shall be removed from the airlock by persons stationed in the washroom during waste removal operations. These washroom persons shall remove gross contamination from the exterior of their respirators and protective clothing by brushing, HEPA vacuuming and/or wet cleaning.

3. Once in the waste decontamination enclosure system, external surfaces of contaminated containers and equipment shall be cleaned a second time by wet cleaning.

4. The cleaned containers of asbestos material and equipment are to be dried of any excessive pooled or beaded liquid, placed in uncontaminated plastic bags or sheeting and sealed airtight.

5. The clean recontainerized items shall be moved into the airlock that leads to the holding area. The washroom persons shall not enter this airlock or the work area until waste removal is finished for that period.

6. Containers and equipment shall be moved from the airlock and into the holding area by persons dressed in clean personal protective equipment, who have entered from uncontaminated areas.

7. The cleaned containers of asbestos material and equipment shall be placed in watertight carts with doors or tops that shall be closed and secured. These carts shall be held in the holding area pending removal. The carts shall be wet cleaned and/or HEPA vacuumed at least once each day.

8. The exit from the decontamination enclosure system shall be secured to prevent unauthorized entry.

9. Where the waste removal enclosure is part of the personnel decontamination enclosure, waste removal shall not occur during shift changes or when otherwise occupied. Precautions shall be taken to prevent short circuiting and cycling of air outward through the shower and clean room.

10. Containers labeled with Asbestos hazard warnings shall not be used to dispose of non asbestos waste.

3.06 ENGINEERING CONTROLS

A. Ventilation.

1. The Abatement Contractor shall employ HEPA equipped vacuums or negative air pressure equipment for ventilation as required.

2. All negative air pressure equipment ventilation units shall be equipped with HEPA filtration. The Contractor shall provide a manufacturer's test certificate for each unit documenting the capability of trapping and retaining 99.97 percent of asbestos fibers greater than 0.3 microns equivalent aerodynamic diameter.

3. A power supply shall be available to satisfy the requirements of the total of all ventilating units.

4. On electric power failure, abatement shall stop immediately and shall not resume until power is restored and exhaust units are operating fully. On extended power failure, longer than one hour, the decontamination facilities, after the evacuation of all persons from the work area, shall be sealed airtight.

5. If extending the exhaust of the ventilation units 50 feet from the building would result in an exhaust location either in the road, blocking driveway access to the facility or within 50 feet of other buildings, a second unit will be run in series with the primary unit.

3.07 MAINTENANCE OF DECONTAMINATION ENCLOSURE SYSTEMS AND WORK AREA BARRIERS

A. GENERAL REQUIREMENTS

1. The Consultant must review and approve installation before commencement of work. Upon completion of the construction of all plastic barriers and decontamination system enclosures and prior to beginning actual abatement activities.

2. All plastic barriers inside the work area, in the personnel decontamination enclosure system, in the waste decontamination enclosure system and at partitions constructed to isolate the work area from occupied areas, shall be inspected by the asbestos supervisor at least twice daily. The barriers shall be inspected before the start of and following the completion of the day's abatement activities. Inspections and observations shall be documented in the project log.

3. Damage and defects in the barriers and/or enclosure systems shall be repaired immediately upon discovery and prior to resumption of abatement activities.

4. At any time during the abatement activities, if visible emissions are observed outside of the work area of if damage occurs to the barriers, work shall be stopped, repairs made, and visible residue immediately cleaned up using HEPA vacuuming methods prior to the resumption of abatement activities.

5. The Abatement Contractor shall HEPA vacuum and/or wet clean the waste decontamination enclosure system and the personnel decontamination enclosure system at the end of each day of abatement activities.

3.08 HANDLING AND REMOVAL PROCEDURES

The Abatement Contractor may utilize existing provisions of ICR-56, Applicable Variances or a Site-Specific Variance, approved by the Owner's Consultant, to permit the conduct of this work.

3.09 ABATEMENT PROCEDURES

A. AIR SAMPLING - By Owner

1. Air sampling and analysis shall be conducted according to the requirements of Subpart 56-4 before the start, during and after the completion of the asbestos removal project.

2. In addition to the requirements of Subpart 56-4, air monitoring shall be conducted in accordance with any approved job specific variance(s) or applicable variance utilized.

3. Clearance samples may be analyzed using PCM to maintain compliance with ICR-56.

4. If applicable, clearance samples will be analyzed using TEM to maintain compliance with ICR-56 and 40 CFR 763.90[i].

B. The provisions of the Applicable Variances or a Job Specific Variance shall apply only in those areas where approval has been granted by the NYS DOL and the Contractor has

obtained concurrence from the Owner's Consultant. All other applicable provisions of Industrial Code Rule 56-1 through 56-12 shall be complied with.

C. A copy of the NYS DOL Job Specific or Applicable Variance, if applicable, shall be conspicuously posted at the work area(s).

D. The Abatement Contractor shall construct a decontamination unit at the work site. The Abatement Contractor shall, as a minimum, comply with the requirements of 29 CFR 1926.1101(j); Hygiene facilities and practices for employees.

3.10 ENCAPSULATION PROCEDURES

The following procedures shall be followed to seal in non-visible residue, after obtaining satisfactory clearance air monitoring results, while conducting lockdown encapsulation on any surfaces which were the subject of removal or other remediation activities:

A. Only encapsulants rated as acceptable or marginally acceptable on the basis of Battelle Columbus Laboratory test procedures and rating requirements developed under the 1978 USEPA contract shall be used for lockdown encapsulation.

B. Sealants considered for use in encapsulation shall first be tested to ensure that the sealant is adequate for its intended use. A section of the work surface shall be evaluated following this initial test application of the sealant to quantitatively determine the sealant's effectiveness in terms of penetrating and locking down the asbestos fibers. The American Society of Testing and Materials (ASTM) Committee E06.21.06E on Encapsulation of Building Materials has developed a guidance document to assist in the selection of an encapsulant.

C. The encapsulant solvent or vehicle shall not contain a volatile hydrocarbon.

D. Encapsulants shall be applied using airless spray equipment.

1. Spraying is to occur at the lowest pressure range possible to minimize fiber release from encapsulant impact at the surface. It shall be applied with a consistent horizontal or vertical motion.

E. Encapsulation shall be utilized as a surface sealant once all asbestos containing materials have been removed in a work area. In no event shall encapsulant be applied to any surface that was the subject of removal or other remediation activities prior to obtaining satisfactory clearance air monitoring.

3.11 CLEANUP PROCEDURES

A. The following cleanup procedures shall be required.

1. Cleanup of accumulations of loose asbestos material shall be performed whenever enough loose asbestos materials have been removed to fill a single leak tight container of the type commensurate with the material properties. In no case shall cleanup be performed less than once prior to the close of each working day. Asbestos material shall be kept wet until cleaned up.

2. Accumulations of dust shall be cleaned off all surfaces on a daily basis using HEPA vacuum cleaning methods.

3. Decontamination enclosures shall be HEPA vacuumed at the end of each shift.

4. Accumulations of asbestos waste material shall be containerized utilizing HEPA vacuums or rubber or plastic dust pans, squeegees, or shovels. Metal shovels shall not be used to pick up or move waste.

5. Excessive water accumulation or flooding in the area shall require work to stop until the water is collected and disposed of properly.

B. The following cleanup procedures shall be required after completion of all removal activities.

1. All accumulations of asbestos waste material shall be containerized utilizing HEPA vacuums or rubber or plastic dustpan, squeegees or shovels. Metal shovels shall not be used to pick up or move waste. HEPA vacuums shall be used to clean all surfaces after gross cleanup.

2. Cleaning. All surfaces in the work area shall be HEPA vacuumed. To pick up excess liquid and wet debris, a wet purpose shop vacuum may be used and shall be decontaminated prior to removal from the work area.

3. Windows, doors, HVAC system vents and all other openings shall remain sealed. Decontamination enclosure systems shall remain in place and be utilized.

4. All containerized waste shall be removed from the work area and the holding area.

5. All tools and equipment shall be decontaminated and removed from the work area.

6. A final visual inspection and clearance air monitoring, as per the schedule for air sampling and analysis, shall be conducted.

7. The isolation barriers and decontamination unit shall be removed only after satisfactory clearance air monitoring results have been achieved.

3.12 SAFETY MONITORING – CONSULTANT:

The Consultant will designate an Asbestos Safety Technician (AST) to represent the Owner during the removal program. The AST must be on the job site at all times during abatement work. Absolutely no abatement or preparation work will occur without the presence of the AST.

The AST will conduct four (4) milestone inspections.

1. Pre-commencement inspection shall be conducted as follows:

a. Notification in writing to the Consultant shall be made by the Abatement Contractor to request a pre-commencement inspection at least 48 hours in advance of the desired date of inspection. This inspection shall be requested prior to beginning preparatory work in another work area.

b. The AST shall ensure that:

i. The job site is properly prepared and that all containment measures are in place.

ii. The designated supervisor shall present to the inspector a valid supervisor's license issued by the New York Department of Labor.

iii. All workers shall present to the inspector a valid handler's license issued by the New York Department of Labor.

iv. Measures for the disposal of removed asbestos material are in place and shall conform to the adopted standards.

v. The Abatement Contractor has a list of emergency telephone numbers at the job site which shall include the monitoring firm employed by the Owner and telephone numbers for fire, police, emergency squad, local hospital, and health officer.

c. If all is in order, the AST shall issue a written notice to proceed in the field. If the job site is not in order, then any needed corrective action must be taken before any work is to commence. Conditional approvals shall not be granted.

Progress inspection shall be conducted as follows:

a. Primary responsibility for ensuring that the abatement work progresses in accordance with these technical specifications and regulatory requirements rests with the Abatement Contractor. The AST shall continuously be present to observe the progress of work and perform required tests.

b. If the AST observes irregularities at any time, he shall direct such corrective action as may be necessary. If the Abatement Contractor fails to take the corrective action required, or if the Abatement Contractor or any of their employees habitually and/or excessively violate the requirements of any regulation, then the AST shall inform the Owner who shall issue a Stop Work Order to the Abatement Contractor and have the work site secured until all violations are abated.

Clean-up inspections shall be conducted as follows:

a. Notice for clean-up inspection shall be requested by the Abatement Contractor at least 24 hours in advance of the desired date of inspection.

b. The clean-up inspection shall be conducted prior to the removal of any isolation or critical barriers and before final air clearance monitoring.

c. The AST shall ensure that:

i. The work site has been properly cleaned and is free of visible asbestos containing material and debris.

ii. All removed asbestos has been properly placed in a locked secure container outside of the work area.

d. If all is in order, the AST shall issue a written notice of authorization to remove surface barriers from the work area. All isolation barriers shall remain in place until satisfactory clearance air sampling has been completed.

4. Clearance Visual Inspection shall be conducted after the removal of non-critical plastic sheeting. The AST shall insure that:

a. The work area is free of all visible asbestos or suspect asbestos debris and residue.

b. All waste has been properly bagged and removed from the work area.

c. Should clearance visual inspection identify residual debris, as determined by the AST, the Abatement Contractor is responsible for recleaning the area at his own cost and shall bear all costs of reinspection until acceptable levels are achieved.

B. The Abatement Contractor shall be required to receive written approval before proceeding after each milestone inspection.

3.13 PERSONNEL AIR MONITORING – CONTRACTOR (29 CFR 1926.1101)

A. Personnel air monitoring shall be provided to determine both short-term (STEL) and full shift during when abatement activities occur. Personnel sampling shall be performed in each work area in order to accurately determine the concentrations of airborne asbestos to which workers may be exposed.

B. The Abatement Contractor shall have a qualified "Competent Person" (as specified in 29 CFR 1926 OSHA) to conduct personnel air monitoring.

C. The laboratory performing the air sample analysis shall be certified by NYS DOH ELAP and approved by the consultant.

D. Personnel air monitoring test results for OSHA Compliance. Results shall be posted at the work site within 24 hours of testing and copies supplied to the Owner within five (5) days of testing. Abnormalities shall be supplied to the Owner immediately.

3.14 CLEARANCE AIR MONITORING

A. Air samples will be collected in and around the work areas at the completion of abatement activities.

B. Clearance samples may be analyzed using PCM to maintain compliance with ICR-56.

C. If applicable, clearance samples will be analyzed using TEM to maintain compliance with ICR-56 and 40 CFR part 763 “Asbestos-Containing Materials in Schools; Final Rule and Notice” section 763.90.

D. ***RETESTING***
Should clearance air monitoring yield fiber concentrations above the “Clearance” criteria of either 0.01 fibers per CC and/or background levels (PCM) –OR- seventy (70) structures per square millimeter (TEM/AHERA), the Abatement Contractor is responsible for re-cleaning the area at his own cost and shall bear all costs associated with the retesting of

the work area(s) including monitoring labor, sampling, analysis, etc. until such levels are achieved.

3.15 RESPIRATORY PROTECTION REQUIREMENT

A. Respiratory protection shall be worn by all individuals inside the work area from the initiation of the asbestos project until all areas have successfully passed clearance air monitoring in accordance with these specifications. The Abatement Contractor shall keep available at all times two PAPR's with new filters and charged batteries for use by authorized visitors.

B. All respiratory protection shall be MSHA/NIOSH approved in accordance with the provisions of 30 CFR Part II. All respiratory protection shall be provided by the Abatement Contractor and used by workers in conjunction with the written respiratory protection program.

C. The Abatement Contractor shall provide respirators that meet the requirements of 29 CFR Parts 1910 and 1926.

1. Full facepiece Type C supplied-air respirators operated in pressure demand mode equipped with an auxiliary self- contained breathing apparatus, operated in pressure demand or continuous flow, shall be worn during gross removal, demolition, renovation and/or other disturbance of ACM whenever airborne fiber concentrations inside the work area are greater than 10.0 f/cc.

2. Full facepiece Type C supplied-air respirators operated in pressure demand mode with HEPA filter disconnect protection shall be work during gross removal, demolition, renovation and/or other disturbance of ACM with an amphibole content and/or whenever airborne fiber concentrations inside the work area are equal to or greater than 0.5 f/cc and less than or equal to 10.0 f/cc.

3. Full facepiece powered air-purifying respirators (PAPR) equipped with HEPA filters shall be worn during the removal, encapsulation, enclosure, repair and/or other disturbance of friable ACM if airborne fiber concentrations inside the work area are less than 0.5 f/cc. A supply of charged replacement batteries, HEPA filters and flow test meter shall be available in the clean room for use with powered air-purifying respirators. HEPA filters shall be changed daily or as flow testing indicates change is necessary. Any Type C supplied-air respirator operated in continuous flow, with HEPA filter disconnect protection, may be substituted for a powered air-purifying respirator.

4. Loose fitting helmets or hoods with powered air-purifying respirators (PAPR) equipped with HEPA filters may be worn during the removal, encapsulation, enclosure, repair and/or other disturbance of friable ACM if airborne fiber concentrations inside the work area are less than 0.25 f/cc. A supply of charged replacement batteries, HEPA filters and flow test meter shall be available in the clean room for use with powered air-purifying respirators. HEPA filters shall be changed daily or as flow testing indicates change is necessary. Any Type C supplied-air respirator operated in continuous flow may be substituted for a powered air- purifying respirator.

5. Half-mask or full-face air-purifying respirators with HEPA filters shall be worn only during the preparation of the work area and final clean up procedures provided airborne fiber

concentrations inside the work area are less than 0.1 f/cc.

6. Use of single use dust respirators is prohibited for the above respiratory protection.

D. Workers shall be provided with personally issued and individually marked respirators. Respirators shall not be marked with any equipment that will alter the fit of the respirator in any way. Only waterproof identification markers shall be used.

E. The Abatement Contractor shall ensure that the workers are qualitatively or quantitatively fit tested by an Industrial Hygienist initially and every six months thereafter with the type of respirator he/she will be using.

F. Whenever the respirator design permits, workers shall perform the positive and negative air pressure fit test each time a respirator is worn. Powered air-purifying respirators shall be tested for adequate flow as specified by the manufacturer.

G. No facial hair, which interferes with the face-to-mask sealing surface, shall be permitted to be worn when wearing respiratory protection that requires a mask-to-face seal.

H. Contact lenses shall not be worn in conjunction with respiratory protection.

I. If a worker wears glasses, a spectacle kit to fit their respirator shall be provided by the Abatement Contractor at the Abatement Contractor's expense.

J. Respiratory protection maintenance and decontamination procedures shall meet the following requirement:

1. Respiratory protection shall be inspected and decontaminated on a daily basis in accordance with OSHA 29 CFR 1910.134(b); and

2. HEPA filters for negative pressure respirators shall be changed after each shower; and

3. Respiratory protection shall be the last piece of worker protection equipment to be removed. Workers must wear respirators in the shower when going through decontamination procedures; and

4. Airline respirators with HEPA filtered disconnect shall be disconnected in the equipment room and worn into the shower. Powered air-purifying respirator facepieces shall be worn into the shower. Filtered/power pack assemblies shall be decontaminated in accordance with manufacturers' recommendations; and

5. Respirators shall be stored in a dry place and in such a manner that the facepiece and exhalation valves are not distorted; and

6. Organic solvents shall not be used for washing of respirators.

K. No visitors shall be allowed to enter the contaminated area if they do not have their medical certification and training certificate. Authorized visitors shall be provided with suitable PAPR respirators and instructions on the proper use of respirators whenever entering the work area.

3.16 DISPOSAL OF WASTE

A. APPLICABLE REGULATIONS

1. All asbestos waste shall be stored, transported, and disposed of as per, but not limited to, the following Regulations:

   a. NYS Code Rule 56

   b. U.S. Department of Transportation (DOT)
      Hazardous Substances
      Title 29, Part 171 and 172 of the code of Federal Regulations
      regarding waste collector registration

   c. Regulations regarding waste collector registration Title 6, part 364 of the New York State Official Compilation of Codes, Rules and Regulations – 6 NYCRR 364

   d. USEPA NESHAPS 40 CRF 61

   e. USEPA ASBESTOS WASTE MANAGEMENT GUIDANCE EPA/530-SW-85-007

B. TRANSPORTER OR HAULER - The Abatement Contractor shall bear full responsibility for proper characterization, transportation, and disposal of all solid or liquid waste, generated during the project, in a legal manner. The Owner shall approve all transportation and disposal methods.

1. The Abatement Contractor's Transporter (hauler) and disposal site shall be approved by the Owner. The Abatement Contractor shall remove within 48 hours all asbestos waste from the site after completing the clean up.

2. The Transporter must possess and present to the Owner’s representative a valid New York State Department of Environmental Conservation Part 364 asbestos hauler’s permit to verify license plate and permit numbers. The Owner’s representative will verify the authenticity of the hauler’s permit with the proper authority.

3. The Abatement Contractor shall give 24-hour notification prior to removing any waste from the site. All waste shall be removed from the site only during normal working hours. No waste may be taken from the site without authorization from the Owner’s representative.

4. The Abatement Contractor shall have the Transporter give the date and time of arrival at the disposal site.

5. The Transporter with the Abatement Contractor and Owner’s consultant shall inspect all material in the transport container prior to taking possession of and signing the Waste Manifest. The Transporter shall not have any off-site transfers or be combined with any other off-site asbestos material.

6. The Transporter must travel directly to the disposal site with no unauthorized stops.

C. WASTE STORAGE CONTAINER

1. During loading and on-site storage, the asbestos waste container shall be labeled with EPA Danger signage:

DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

2. The NYS DEC Hauler's Permit number shall be on both sides and back of the container.

3. The Container will not be permitted to leave the site without the proper signage.

4. A copy of the completed waste manifest shall be forwarded directly to the Owner's Consultant by the disposal facility.
5. Packaging of Non-friable Asbestos. Use of an open top container shall require written request, by the Contractor, and written approval by the Owners Representative, and be performed in compliance with all applicable regulations.

a) A chute, if used, shall be air/dust tight along its lateral perimeter and at the terminal connection to the dumpster at ground level (solid wall and top container). The upper end of the chute shall be furnished with a hinged lid, to be closed when the chute is not being used.

b) The container shall be lined with a minimum of two (2) layers of 6 mil. Fire-retardant polyethylene draped loosely over the sides so as to facilitate being wrapped over the top of the load and sealed prior to transport from the site.

c) Prior to transport from the work site the Dumpster will be disconnected from the chute and sealed air/dust tight utilizing six mil plastic and tape. The waste material will be transported as an asbestos-containing material by appropriate legal methods.

6. Packaging Friable Asbestos.

a) The container shall be a solid wall, hard top and lockable container.

b) The container shall be locked upon arrival at the site to restrict access. Security shall be provided at the entrance to the container during the loading process and immediately locked upon completion.

c) The interior walls, floor and ceiling shall be lined with two (2) layers of 6 mil. Fire-retardant polyethylene.

d) The waste shall be loaded in such a manner as to protect the integrity of the individual waste packages.

e) Prior to transport from the work site the interior of the Dumpster will be sealed air/dust tight utilizing six mil plastic and tape. The waste material will be transported

as asbestos-containing material by appropriate legal methods.

D. WASTE DISPOSAL MANIFEST

1. The Asbestos Waste Manifest shall be equivalent to the "Waste Shipment Record" included in 40 CFR 61. A copy of the Contractor's manifest shall be reviewed by the Owner's Consultant and shall be the only manifest used.

2. The Manifest shall be verified by the Owner's Consultant indicating that all the information and amounts are accurate, and the proper signatures are in place.

3. The Manifest shall have the signatures of the Abatement Contractor and the Transporter prior to any waste being removed from the site.

4. The Manifest shall be signed by the Disposal Facility owner or operator to certify receipt of asbestos containing materials covered by the manifest.

5. A copy of the completed manifest shall be provided by the Abatement Contractor to the Owner's Consultant and remain on site for inspection.

6. Abatement Contractor shall maintain a waste disposal log which indicates load number, date and time left site, container size, type of waste, quantity of waste, name of hauler, NYS DES permit number, trailer and tractor license number, and date manifest was returned to Consultant.

7. The Disposal Facility owner or operator shall return a signed copy of the Waste Manifest directly to:

   Orange Ulster BOCES

   103 Gibson Road

   Goshen, New York 10924

   ATTN: Kevin Sullivan

8. Copies of the completed Waste Manifest are to be sent by the disposal facility to the Hauler and Abatement Contractor.

9. Submit signed dump tickets and manifests with final payment request.

10. Final payment request will not be honored without signed dump ticket or manifests accounting for all asbestos waste removed from the site.

E. VIOLATIONS OF SPECIFICATIONS

1. Violations of the safety, hygiene, environmental, procedures herein, any applicable federal, state, or local requirements or failure to cooperate with the Owner's representative shall be grounds for dismissal and/or termination of this contract.

F. VIOLATIONS OF NO SMOKING POLICY

1. The Federal Pro Children Act of 1994 prohibits School District Officials from smoking in any buildings or on the grounds that are property of the School District. The District shall be considered smoke free. The School District strongly enforces its' No Smoking Policy. It is the Contractor's responsibility to inform all workers of this policy. Any worker(s) involved with this project that are found smoking or using tobacco products will be informed that they are in violation of the Federal and State Law and School Board Policy and will be removed from site.

3.17 LOCATION OF WORK ORANGE ULSTER BOCES – AXELROD BUILDING – 2023 CAPITAL IMPROVEMENTS

(Please see attached Drawings for approximate locations)

1) Axelrod Building
   - Asbestos Abatement Contractor responsible for total and complete removal and disposal of approximately 60 square feet of non-friable ACM Anti-Sweat Tar on the underside of metal sinks in Classrooms 402, 404, 406, 408, 410, 414, 416, 418, 420 & 422, as indicated on the abatement drawings.
   - Asbestos Abatement Contractor responsible for total and complete removal and disposal of approximately 38,608 square feet of non-friable ACM Floor Tile & Mastic floor system down to the building substrate, as indicated on the abatement drawings. Asbestos Abatement Contractor responsible for leaving the building substrate in an acceptable state to accept the new flooring system. Asbestos Abatement Contractor is responsible for performing removals utilizing manual, wet methods to ensure total and complete removal of existing floor tile systems, including all associated layers, fillers, wood, etc. to building substrate(s). Subsequent to final air clearances, the substrate(s) shall be washed with a neutralizing agent to prepare the substrate to accept new coverings/finishes as well as eliminate residual odors.
   - Asbestos Abatement Contractor responsible for total and complete removal and disposal of approximately 54,000 SF of ACM Suspended Ceiling Tiles and/or non-ACM Suspended Ceiling Tiles under ACM Mudded Joint Packing/Elbows/Fittings/Etc. throughout the entire 1969 section of the building.
   - Asbestos Abatement Contractor responsible for total and complete removal and disposal of approximately 2,000 linear feet of friable ACM Mudded Joint Packing/Elbows/Fittings/Etc. above suspended ceiling tile system, and in all bathrooms throughout the entire 1969 section of the building.
   - Asbestos Abatement Contractor responsible for removing one side of all wet walls within all bathrooms to identify all areas with ACM Mudded Joint Packing/Elbows/Fittings/Etc. Asbestos Abatement Contractor is also responsible for complete removal and disposal of all bathrooms' hard ceilings to locate and abate all ACM Mudded Joint Packing/Elbows/Fittings/Etc.
   - Asbestos Abatement Contractor responsible for total and complete removal and disposal of approximately 225 SF of ACM Cementitious Window Sills throughout the entire 1969 section of the building. There are approximately 45 window sills. Abatement contractor responsible for all demolition and equipment to access and remove the window sills. Asbestos Abatement Contractor responsible for coordination with owner/architect/general contractor demolition and disposal while protecting the building from the weather.
   - Asbestos Abatement Contractor responsible for total and complete removal and disposal of approximately 4,800 square feet of non-friable ACM Built-Up Roofing system, from perimeter flashing, building flashing and equipment flashing and approximately 410 LF of non-friable ACM Caulk from building flashing termination bar. Asbestos Abatement Contractor responsible for performing removals utilizing manual, wet methods to ensure total and complete removal of existing Built-Up Roofing system and Caulking as indicated and and all associated layers, fillers, etc. to building substrate(s). Asbestos Abatement Contractor responsible for coordination with owner/architect/general contractor for phased abatement, demolition and disposal while protecting the building from the weather.

END OF LOCATION OF WORK

3.18 GENERAL

A. The Abatement Contractor will be responsible for repairing all building components damaged during abatement including, but not limited to: ceiling tiles, ceiling finishes, wall finishes, floor finishes, etc.

B. The Abatement Contractor shall be responsible for all demolition required to access materials identified in scope of work and on associated drawings.

C. Concealed conditions that are exposed and may require additional work shall be brought to the attention of the Owner immediately. The Abatement Contractor shall not abate these areas without a written notice to proceed. Additional asbestos abatement performed prior to the order to proceed will not be acknowledged.

D. The Abatement Contractor shall remove asbestos-containing floor covering to the building substrate beneath; in areas indicted. Subsequent to final air clearance the substrate shall be washed with a neutralizing agent to prepare the substrate to accept new floor covering and eliminate residual odors.

E. Power tools used to drill, cut into, or otherwise disturb asbestos containing material shall be equipped with HEPA filtered local exhaust ventilation.

F. The Abatement Contractor shall provide access to GFCI electrical power, required to perform the area air monitoring for this project, within and immediately adjacent to each work area.

G. Unwrapped or unbagged ACM shall be immediately placed in an impermeable waste bag or wrapped in plastic sheeting.

H. Coordinate all removal operations with the Owner.

RETURN THIS EXECUTED FORM WITH COMPLETED BID SHEET

Asbestos Employee Medical Examination Statement
Certificate of Worker Release
Asbestos Employee Training Statement
CERTIFICATE OF WORKERS'S ACKNOWLEDGEMENT

PROJECT NAME: **Orange Ulster BOCES: Axelrod Building – 2023 Capital Improvements**

CONTRACTOR'S NAME:_____

WORKING WITH ASBESTOS INVOLVES POTENTIAL EXPOSURE TO AIRBORNE ASBESTOS FIBERS. INHALING ASBESTOS FIBERS HAS BEEN LINKED WITH VARIOUS TYPES OF CANCER AND RESPIRATORY DISEASES. SMOKING CIGARETTES AND INHALATION OF ASBESTOS FIBERS INCREASES THE RISK THAT YOU WILL DEVELOP LUNG CANCER ABOVE THAT OF THE NON-SMOKING PUBLIC.

The Contract for this project requires the Abatement Contracting Company to: 1) supply proper respiratory protection devices, and training on their use, to their employees; 2) provide training on safe work practices, and on use of the equipment used on the project, to their employees; and, 3) provide annual medical examinations to their employees meeting the requirements of 29 CFR 1926.1101. The Abatement Contracting Company's signature on this certificate, documents that these contractual obligations are fulfilled, and that you understand the information presented to you.

**************DO NOT SIGN THIS FORM UNLESS YOU FULLY UNDERSTAND THIS INFORMATION**************

RESPIRATORY PROTECTION: I have been trained in the proper use and limitations of the type of respiratory protection devices to be used on this project. I have reviewed the written respiratory protection program manual and a copy is available for my use. Respiratory protection equipment has been proved, by the Contractor, at no cost to me.

TRAINING COURSE: I have been trained in the risks and dangers associated with handling asbestos, breathing asbestos dust, proper work procedures, personal protection and engineering controls. I have satisfactorily completed and Asbestos Safety Training Program for New York State and have been issued a New York State Department of Health Certificate of Asbestos Safety Training.

MEDICAL EXAMINATION: I have satisfactorily completed a medical examination within the last 12 months that meets the OSHA requirement for an asbestos worker and included at least 1) medical history 2) pulmonary function 3) medical examination 4) approval to wear respiratory protection devises and may have included an evaluation of a chest x-ray.

Signature:_____Date_____

Printed Name:_____SS#:_____

Witness:_____Date:_____

RETURN THIS EXECUTED FORM WITH COMPLETED BID SHEET

RETURN THIS EXECUTED FORM WITH COMPLETED BID SHEET

ESTIMATE OF ACM QUANTITIES

PROJECT NAME: **Orange Ulster BOCES: Axelrod Building – 2023 Capital Improvements**

****

EACH ABATEMENT CONTRACTOR SHALL READ AND ACKNOWLEDGE THE FOLLOWING NOTICE. A SIGNED AND DATED COPY OF THIS ACKNOWLEDGMENT SHALL BE SUBMITTED WITH THE ABATEMENT CONTRACTOR'S BID FOR THIS PROJECT. FAILURE TO DO SO MAY, AT THE SOLE DISCRETION OF THE OWNER, RESULT IN THE BID BEING CONSIDERED NON-RESPONSIVE AND RESULT IN DISQUALIFICATION OF THE ABATEMENT CONTRACTOR'S BID ON THIS PROJECT.

****

***** NOTICE *****

The linear and square footages listed within this specification are approximates. Abatement Contractor is required to visit the work locations prior to bid submittal in order to take actual field measurements within each listed location. The Abatement Contractor shall base their bid on actual quantities determined, by them, at the site walkthrough. Estimates provided in these specifications are for informational purposes only and shall not be considered a basis for Change Orders on this project.

****

Acknowledgment: I have read and understand the above **NOTICE** regarding removal quantity estimates and understand that estimates provided in these specifications are for informational purposes only and shall not be considered a basis for Change Orders on this project. The Abatement Contractor's signatory represents to the Owner that he/she has the authority of the entity he/she represents to sign this agreement on its behalf.

Company Name: _____
Type or Print

BY: _____ _____ _____
Signature Title Date

Print Name: _____

****

RETURN THIS EXECUTED FORM WITH COMPLETED BID SHEET

ASSOCIATED ASBESTOS REMOVAL LOCATION DRAWINGS

- *Orange Ulster BOCES – Axelrod Building – 2023 Capital Improvements*

  DRAWING #AA 150 – Ground Floor Removals
  DRAWING #AA 151 – 1st Floor Removals
  DRAWING #AA 152 – 2nd Floor Removals
  DRAWING #AA 153 – Roofing Removals

END OF SPECIFICATION
SECTION 02080

1 GROUND FLOOR ABATEMENT PLAN
NTS

ASBESTOS ABATEMENT LEGEND

REMOVE AND DISPOSE OF 12" X 12" ACM FLOOR TILE AND MASTIC AT DOWN TO SUBSTRATE AT DESIGNATED LOCATIONS. REFER TO NOTE 1.

REMOVE ONE SIDE OF WET WALLS TO EXPOSE PLUMBING/HEATING INSULATION TSI. REMOVE HARD CEILING IN AREAS ABOVE BATHROOMS AND WATER CLOSETS. DISPOSE OF ACM CONTAINING MUDDED JOINT COMPOUND AND PACKING WITHIN WALLS AND CEILING.

REMOVE AND DISPOSE OF ACM CONTAINING THERMAL SYSTEMS INSULATION (TSI) AT SWITCH BOARD PANEL ROOM AND HALLWAY.

AREAS THAT ARE OUT OF SCOPE OF WORK

ASBESTOS ABATEMENT NOTES

NOTE: THE FOLLOWING NOTES PERTAIN TO THE SECTION OF THE BUILDING CONSTRUCTED AND/OR RENOVATED IN 1969.

1. ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVING ONE SIDE OF THE WET WALL TO ACCESS ACM PIPE INSULATION AND/OR MUDDED J0INT PACKING/ELBOWS/FITTINGS, ETC. AND REMOVING ENTIRELY AND DISPOSING OF THE TSI MATERIALI. ASBESTOS ABATEMENT CONTRACTOR IS ALSO RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF THE HARD CEILINGS IN THE BATHROOMS AND ALL ACM PIPE INSULATION AND OR MUDDED JOINT PACKING/ELBOWS/FITTINGS/ETC.

2. ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF ALL SUSPENDED CEILING TILES THROUGHOUT THE 1969 SECTION OF THE BUILDING. AFTER REMOVAL OF THE SUSPENDED CEILING TILES, ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF ALL ACM PIPE INSULATION AND/OR MUDDED JOINT PACKING/ELBOWS/FITTINGS/ETC. THROUGHOUT THE ENTIER 1969 SECTION OF THE BUILDING.

3. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF ANTI-SWEAT TAR ADHERED TO SINKS WHERE INDICATED ON THE PLANS.

4. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF NON FRIABLE ACM FLOOR TILE AND MASTIC AT LOCATIONS INDICATED ON THE PLANS.

REFER TO ASBESTOS SPECIFICATION 020800 SECTION 3.17 FOR A MORE DETAILED DESCRIPTION OF THE ABATEMENT WORK.

ORANGE-ULSTER BOCES

AXELROD - MAIN BUILDING ADDITIONS + ALTERATIONS

53 GIBSON ROAD
GOSHEN, NY 10924

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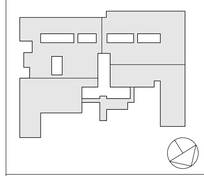
285 MAIN STREET MOUNT KISCO . NEW YORK . 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO:
44-90-00-00-0-009-036

BID ISSUE

QuES&T
Quality Environmental Solutions & Technologies, Inc.
1376 NYS Route 9
Wappingers Falls, NY 12590
TEL : (845) 298-6031
FAX :(845) 298-1325

KEY PLAN



Professional Seal

EXPIRATION DATE OF REGISTRATION:
NOVEMBER 30, 2025

No.	Date	Issue
2	11/04/2024	BID ADDENDUM 1
1	10/25/2024	BID ISSUE

Sheet Title

Ground Floor Asbestos Abatement Plan

Job No.	Date
44-90-00-00-0-009-036	10/25/2024
Scale: AS NOTED	Drawn / Checked: AM/RL

Sheet Number

AA150

1 FIRST FLOOR ABATEMENT PLAN
NTS

ASBESTOS ABATEMENT LEGEND

- REMOVE AND DISPOSE OF ACM 2' x 4' SUSPENDED CEILING TILE THROUGHOUT THE ENTIRE 1969 PORTION OF THE BUILDING. REMOVE FLOOR TILE AND MASTIC AT DESIGNATED LOCATIONS. REFER TO DEMOLITION DRAWING A151.
- REMOVE ONE SIDE OF WET WALLS TO EXPOSE PLUMBING/HEATING INSULATION TSI. REMOVE HARD CEILING IN AREAS ABOVE BATHROOMS AND WATER CLOSETS. DISPOSE OF ACM CONTAINING MUDDED JOINT COMPOUND AND PACKING WITHIN WALLS AND CEILING.
- REMOVE AND DISPOSE OF ACM CONTAINING SINK ANTI-SWEAT TAR ON METAL SINKS.
- AREAS THAT ARE OUT OF SCOPE OF WORK

ASBESTOS ABATEMENT NOTES

NOTE: THE FOLLOWING NOTES PERTAIN TO THE SECTION OF THE BUILDING CONSTRUCTED AND/OR RENOVATED IN 1969.

1. ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVING ONE SIDE OF THE WET WALL TO ACCESS ACM PIPE INSULATION AND/OR MUDDED JOINT PACKING/ELBOWS/FITTINGS, ETC. AND REMOVING ENTIRELY AND DISPOSING OF THE TSI MATERIALI. ASBESTOS ABATEMENT CONTRACTOR IS ALSO RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF THE HARD CEILINGS IN THE BATHROOMS AND ALL ACM PIPE INSULATION AND OR MUDDED JOINT PACKING/ELBOWS/FITTINGS/ETC.
2. ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF ALL SUSPENDED CEILING TILES THROUGHOUT THE 1969 SECTION OF THE BUILDING. AFTER REMOVAL OF THE SUSPENDED CEILING TILES, ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF ALL ACM PIPE INSULATION AND/OR MUDDED JOINT PACKING/ELBOWS/FITTINGS/ETC. THROUGHOUT THE ENTIER 1969 SECTION OF THE BUILDING.
3. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF ANTI-SWEAT TAR ADHERED TO SINKS WHERE INDICATED ON THE PLANS.
4. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING CEMENTITIOUS WINDOW SILLS.

REFER TO ASBESTOS SPECIFICATION 020800 SECTION 3.17 FOR A MORE DETAILED DESCRIPTION OF THE ABATEMENT WORK.

ORANGE-ULSTER BOCES

AXELROD - MAIN BUILDING ADDITIONS + ALTERATIONS

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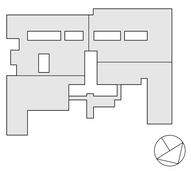
KEY PLAN



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EXPIRATION DATE OF REGISTRATION:
NOVEMBER 30, 2025

No.	Date	Issue
2	11/04/2024	BID ADDENDUM 1
1	10/25/2024	BID ISSUE

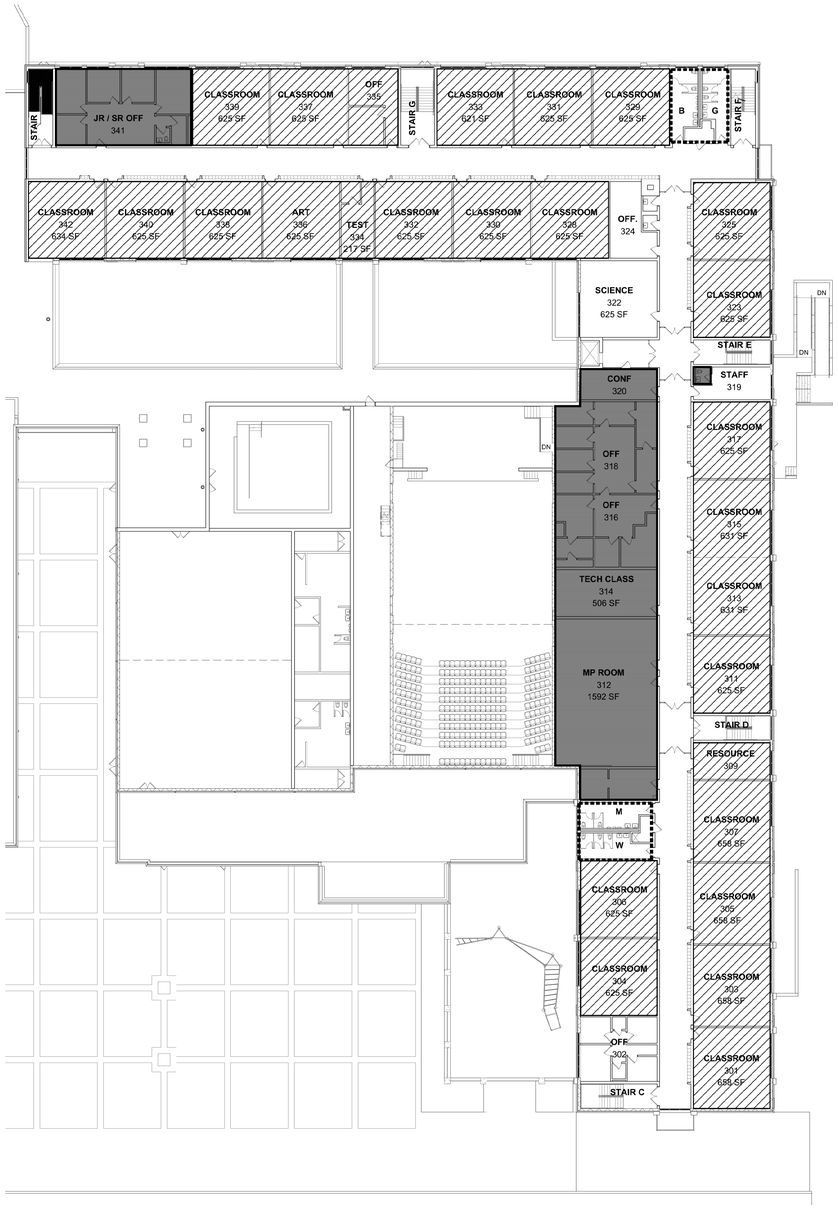
Sheet Title

First Floor Asbestos Abatement Plan

Job No.	Date
44-90-00-00-0-009-036	10/25/2024
Scale: AS NOTED	Drawn / Checked: AM/RL

Sheet Number

AA151



1 SECOND FLOOR ABATEMENT PLAN
NTS

ASBESTOS ABATEMENT LEGEND

REMOVE AND DISPOSE OF 12" X12" ACM FLOOR TILE AND MASTIC DOWN TO SUBSTRATE AT DESIGNATED LOCATIONS. REFER TO NOTE 3.

REMOVE ONE SIDE OF WET WALLS TO EXPOSE PLUMBING/HEATING INSULATION TSI. REMOVE HARD CEILING IN AREAS ABOVE BATHROOMS AND WATER CLOSETS. DISPOSE OF ACM CONTAINING MUDDED JOINT COMPOUND AND PACKING WITHIN WALLS AND CEILING.

AREAS THAT ARE OUT OF SCOPE OF WORK

ASBESTOS ABATEMENT NOTES

NOTE: THE FOLLOWING NOTES PERTAIN TO THE SECTION OF THE BUILDING CONSTRUCTED AND/OR RENOVATED IN 1969.

1. ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVING ONE SIDE OF THE WET WALL TO ACCESS ACM PIPE INSULATION AND/OR MUDDED JOINT PACKING/ELBOWS/FITTINGS, ETC. AND REMOVING ENTIRELY AND DISPOSING OF THE TSI MATERIAL. ASBESTOS ABATEMENT CONTRACTOR IS ALSO RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF THE HARD CEILINGS IN THE BATHROOMS AND ALL ACM PIPE INSULATION AND OR MUDDED JOINT PACKING/ELBOWS/FITTINGS/ETC.

2. ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF ALL SUSPENDED CEILING TILES THROUGHOUT THE 1969 SECTION OF THE BUILDING. AFTER REMOVAL OF THE SUSPENDED CEILING TILES, ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF ALL ACM PIPE INSULATION AND/OR MUDDED JOINT PACKING/ELBOWS/FITTINGS/ETC. THROUGHOUT THE ENTIER 1969 SECTION OF THE BUILDING.

3. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF NON FRIABLE ACM FLOOR TILE AND MASTIC AT LOCATIONS INDICATED ON THE PLANS.

REFER TO ASBESTOS SPECIFICATION 020800 SECTION 3.17 FOR A MORE DETAILED DESCRIPTION OF THE ABATEMENT WORK.

ORANGE-ULSTER BOCES

AXELROD - MAIN BUILDING ADDITIONS + ALTERATIONS

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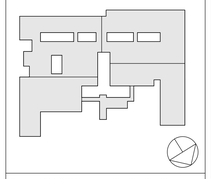
KEY PLAN



Professional Seal

EXPIRATION DATE OF REGISTRATION:
NOVEMBER 30, 2025

No.	Date	Issue
2	11/04/2024	BID ADDENDUM 1
1	10/25/2024	BID ISSUE

Sheet Title

Second Floor Asbestos Abatement Plan

Job No.	Date
44-90-00-00-0-009-036	10/25/2024
Scale: AS NOTED	Drawn / Checked: AM/RL

Sheet Number

AA152

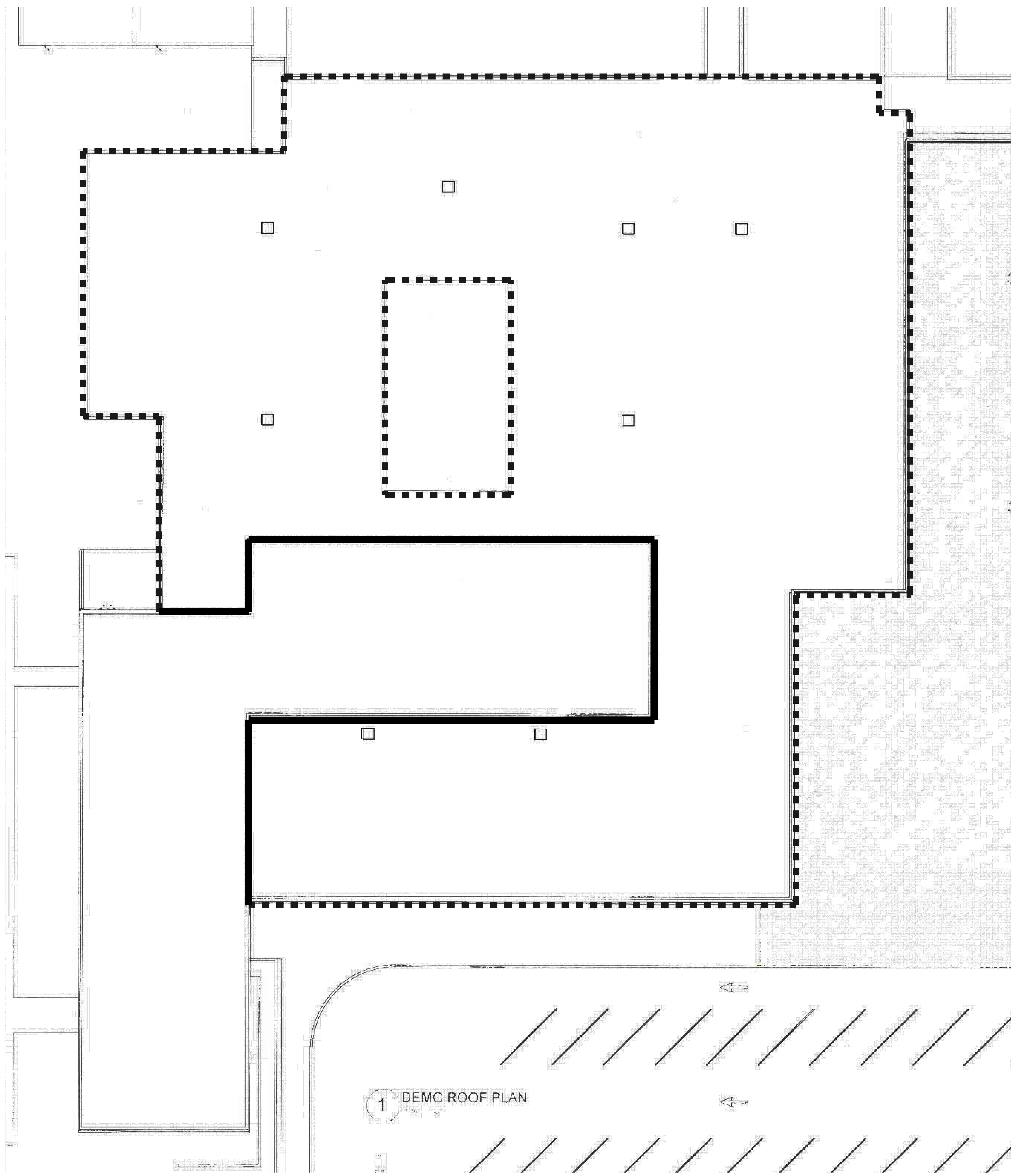
ASBESTOS ABATEMENT NOTES

1. ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF ALL ASBESTOS CONTAINING, BUILT-UP ROOFING BUILDING FLASHING AND TERMINATION BAR CAULK.
2. ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL AND DISPOSAL OF ALL ASBESTOS CONTAINING, BUILT-UP ROOFING PERIMETER FLASHING, EQUIPMENT FLASHING.
3. ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OWNER/ARCHITECT/GENERAL CONTRACTOR FOR PHASED ABATEMENT, DEMOLITION AND DISPOSAL OF BUILT UP ROOFING WHILE PROTECTING THE BUILDING FROM THE WEATHER.

REFER TO ASBESTOS SPECIFICATION 020800 SECTION 3.17 FOR A MORE DETAILED DESCRIPTION OF THE ABATEMENT WORK.

ASBESTOS ABATEMENT LEGEND

1. (solid line) REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING, BUILT-UP ROOFING BUILDING FLASHING AND TERMINATION BAR CAULK AS INDICATED.
2. (dashed line) REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING, BUILT-UP ROOFING PERIMETER FLASHING AND EQUIPMENT FLASHING AS INDICATED.



1 ROOF ABATEMENT PLAN
NTS

2 ROOF AERIAL PLAN
ROOF MOUNTED EQUIPMENT AND PENETRATIONS SHOWN
NOT TO SCALE

ORANGE-ULSTER BOCES

AXELROD - MAIN BUILDING ADDITIONS + ALTERATIONS

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NY SED PROJECT CONTROL NO:
44-90-00-00-0-009-036

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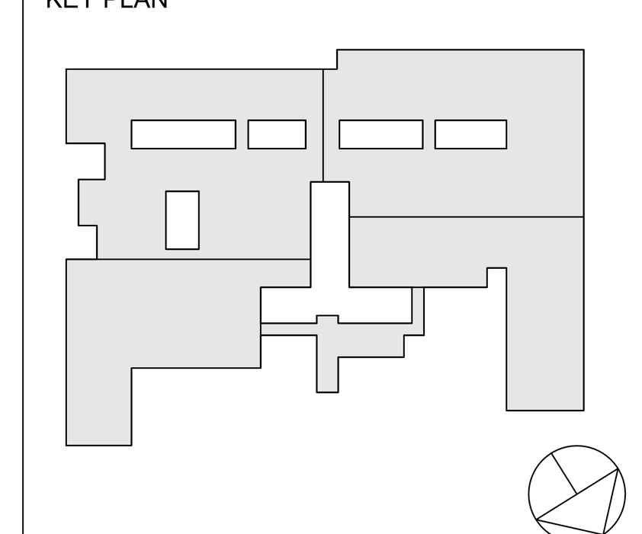
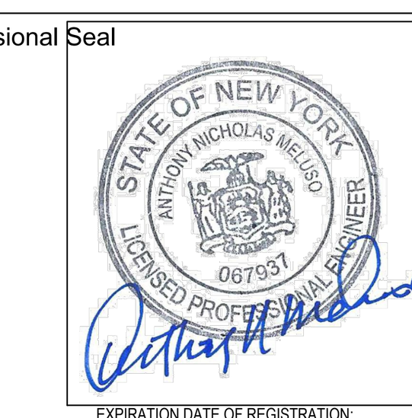
KEY PLAN



Professional Seal



EXPIRATION DATE OF REGISTRATION:
NOVEMBER 30, 2025

No.	Date	Issue
2	11/04/2024	BID ADDENDUM 1
1	10/25/2024	BID ISSUE

Sheet Title

Roof Abatement Plan

Job No.	Date
44-90-00-00-0-009-036	10/25/2024
Scale	**Drawn / Checked**
AS NOTED	AM/RL

Sheet Number

AA153