

INSPECTION FOR PCB & ASBESTOS-CONTAINING MATERIALS

Performed at:

**GLEN HEAD ELEMENTARY SCHOOL
7 SCHOOL STREET
GLEN HEAD, NY**

(MASONRY RECONSTRUCTION)

Performed for:

**MR. JOHN HALL
NORTH SHORE SCHOOL DISTRICT
112 FRANKLIN AVENUE
SEA CLIFF, NY 11579**

Prepared by:

**NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
88 HARBOR ROAD
PORT WASHINGTON, NEW YORK 11050**

PROJECT NOS. 40848

NYS SED#: 28-05-01-06-0-002-024

JANUARY 29, 2015

REVISED DATE: MARCH 5, 2015

TABLE OF CONTENTS

- 1.0 BACKGROUND
- 2.0 SCOPE OF WORK
- 3.0 SUMMARY OF INSPECTION RESULTS
- 4.0 INSPECTION RESULTS
- 5.0 CONCLUSIONS AND RECOMMENDATIONS
- 6.0 AREAS NOT ACCESSIBLE

APPENDICES

- 7.0 APPENDIX A: Analytical Results and Chain of Custody
- 8.0 APPENDIX B: Personal Licenses
- 9.0 APPENDIX C: Laboratory Accreditations
- 10.0 APPENDIX D: Sample Location Drawings

1.0 BACKGROUND

New York Environmental & Analytical Laboratories, Inc., has conducted an asbestos survey for the presence of asbestos-containing materials (ACM) at the following building:

Location: Glen Head Elementary School
Borough: Glen Head, NY
Address: 7 School Street
Project: Masonry Reconstruction
NYEA Project #s: 40848
NYS SED#: 28-05-01-06-0-002-024

The investigator and inspector responsible for this project were:

Maher Abraham	NYS Inspector # 93-11399	Exp.: 02/15
Georgi Kabanashvilli	NYS Inspector # 06-03726	Exp.: 01/16

Site Visits:	July 28, 2014, October 1 and 6, 2014
Report Date:	January 29, 2015
Revised Date:	March 5, 2015

Field Procedures and Analysis Methodology:

Guidelines used for the inspection were established by the Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, Office of Pesticides and Toxic Substances, DOC #560/5-85-024, and 40 CFR Part 763,Asbestos Hazard Emergency Response Act (AHERA).

Field information was organized as per the AHERA concept of homogenous area (HA). That is, suspect ACM with similar age, appearance, and texture was grouped together, sampled and assessed for condition.

Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) with dispersion staining, as described in 40 CFR Part 763 and the National Emissions Standard for Hazardous Air Pollutants (NESHAPS).

The New York State Department of Health has recently revised the PLM Stratified Point Counting Method. The new method, "Polarized Light Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples" can be found as item 198.1 in the ELAP certification manual.

The State of New York ELAP has determined that analysis of non-friable organically bound materials (NOB's) is not reliably performed by PLM. Therefore, if PLM yields negative results for a non-friable material, it must be confirmed by Transmission Electron Microscopy (TEM).

All samples were initially analyzed by Polarized Light Microscopy. Samples which yielded a negative PLM result and which are classified as a "non-friable" material, were then re-analyzed utilizing Transmission Electron Microscopy methodology.

2.0 SCOPE OF WORK

The areas inspected for asbestos-containing materials and which may be impacted by the renovation work are the following:

1. 1926 Construction Exterior & Interior
2. 1995 Addition Exterior & Interior

The inspection was characterized by a close visual inspection of all accessible areas. Suspect materials found were sampled and inventoried for quantity, condition and friability.

Materials examined included:

- 1926 Construction, Basement - Off White Exterior Window Caulking
- 1926 Construction, Basement - Concealed Caulking between Window Frame and Masonry Opening
- 1926 Construction, Throughout - Window/Door Lintel Flashing, Tar, Mastic and Rust Inhibitor Materials
- 1926 Construction, Basement - White Exterior Door Caulking
- 1926 Construction, Basement - Concealed Caulking between Door Frame and Masonry Opening
- 1926 Construction, Basement - Door Core Insulation
- 1926 Construction, 1st Floor - Off White Exterior Window Caulking
- 1926 Construction, 1st Floor - Concealed Caulking between Window Frame and Masonry Opening
- 1926 Construction, 2nd Floor - Off White Exterior Window Caulking
- 1926 Construction, 2nd Floor - Concealed Caulking between Window Frame and Masonry Opening
- 1926 Construction, Exterior - Gray Exterior Façade Brick Mortar
- 1926 Construction, Exterior - Façade Brick
- 1926 Construction, Exterior - Concealed Caulking Between Exit Doors & Masonry Opening
- 1995 Addition, 1st Floor - White Exterior Window Caulking
- 1995 Addition, 1st Floor - Concealed Caulking between Window Frame and Masonry Opening
- 1995 Addition, 1st Floor - Black Window Lintel Flashing
- 1995 Addition, Exterior Façade, Throughout - Window Lintel Flashing
- 1995 Addition, Exterior Façade - White Exterior Door Caulking
- 1995 Addition, Exterior Façade - Concealed Caulking between Door Frame and Masonry Opening
- 1995 Addition, Exterior Façade - Door Core Insulation
- 1995 Addition, Exterior Façade - Gray Exterior Façade Brick Mortar
- 1995 Addition, Exterior Façade - Façade Brick
- 1995 Addition, South Elevation Façade - Gray Base Metal Cap Flashing Caulking

- 1995 Addition Exterior Facade - Concealed Caulking below Metal Cap Flashing
- 1995 Addition Exterior Facade - Foundation Wall Mastic
- 1995 Addition Exterior Facade - Foundation Wall Vapor Barrier
- 1995 Addition Exterior Facade - Foundation Wall Insulation Board
- 1926 Original & 1995 Addition, Exterior Facade - Masonry Backup Material
- 1995 Addition Exterior Facade - Concealed Caulking Between Exit Doors & Masonry Opening
- 1926 Original & 1995 Addition, Exterior Facade - Built up roofing Membrane, Screed, Tar, Insulation, Drain Flashing, Base Flashing, & Mechanical Flashing Materials

3.0 SUMMARY OF INSPECTION RESULTS

The asbestos inspection was conducted on July 28, 2014, October 1, 2014 and October 6, 2014 and involved a thorough visual examination of all areas and sampling of suspect materials, which would be impacted during the proposed work schedule as per the Final Design Drawings dated November 2014 and labeled as "SED SUBMITTAL"

Trace amounts (<1%) or no-asbestos were detected in the samples collected from the following materials.

- 1926 Construction, Basement - Off White Exterior Window Caulking
- 1926 Construction, Throughout - White Window Lintel Caulking
- 1926 Construction, Basement - White Exterior Door Caulking
- 1926 Construction, 1st Floor - Off White Exterior Window Caulking
- 1926 Construction, 2nd Floor - Off White Exterior Window Caulking
- 1926 Construction, Exterior - Gray Exterior Façade Brick Mortar
- 1995 Addition, 1st Floor - White Exterior Window Caulking
- 1995 Addition, Throughout - Black Window Lintel Flashing
- 1995 Addition, Exterior Facade - White Exterior Door Caulking
- 1995 Addition, Exterior Façade - Gray Exterior Façade Brick Mortar
- 1995 Addition, South Elevation Façade - Gray Base Metal Cap Flashing Caulking
- 1995 Addition Exterior Façade - Foundation Wall Mastic
- 1995 Addition Exterior Façade - Foundation Wall Vapor Barrier
- 1995 Addition Exterior Façade - Foundation Wall Insulation Board

The following materials were assumed to contain asbestos

- 1926 Construction, Basement - Concealed Caulking between Window Frame and Masonry Opening
- 1926 Construction, Throughout - Window/Door Lintel Flashing, Tar, Mastic and Rust Inhibitor Materials
- 1926 Construction, Basement - Concealed Caulking between Door Frame and Masonry Opening
- 1926 Construction, Basement - Door Core Insulation
- 1926 Construction, 1st Floor - Concealed Caulking between Window Frame and Masonry Opening
- 1926 Construction, 2nd Floor - Concealed Caulking between Window Frame and Masonry Opening
- 1926 Construction, Exterior - Concealed Caulking Between Exit Doors & Masonry Opening
- 1995 Addition, 1st Floor - Concealed Caulking between Window Frame and Masonry Opening
- 1995 Addition, Exterior Façade, 2nd Floor - Window Lintel Flashing

- 1995 Addition, Exterior Façade - Concealed Caulking between Door Frame and Masonry Opening
- 1995 Addition, Exterior Façade - Door Core Insulation
- 1995 Addition Exterior Facade - Concealed Caulking below Metal Cap Flashing
- 1926 Original & 1995 Addition, Exterior Facade - Masonry Backup Material
- 1995 Addition Exterior Facade - Concealed Caulking Between Exit Doors & Masonry Opening
- 1926 Original & 1995 Addition, Exterior Facade - Built up roofing Membrane, Screed, Tar, Insulation, Drain Flashing, Base Flashing, & Mechanical Flashing Materials

The following materials were found to be non-suspect.

- 1926 Construction, Exterior - Façade Brick
- 1995 Addition, Exterior Façade - Façade Brick

Laboratory analysis confirmed found PCB levels to be below US EPA limit of 50 PPM (mg/kg) within the samples collected from the following materials:

- 1926 Construction, Basement - Off White Exterior Window Caulking
- 1926 Construction, Basement - White Window Lintel Caulking
- 1926 Construction, Basement - White Exterior Door Caulking
- 1926 Construction, 1st Floor - Off White Exterior Window Caulking
- 1926 Construction, 2nd Floor - Off White Exterior Window Caulking
- 1995 Addition, 1st Floor - White Exterior Window Caulking
- 1995 Addition, Exterior Facade - White Exterior Door Caulking
- 1995 Addition, South Elevation Facade - Gray Base Metal Cap Flashing Caulking

The following Materials were assumed to be PCB Containing:

- 1926 Construction, Basement - Concealed Caulking between Window Frame and Masonry Opening
- 1926 Construction, Basement - Concealed Caulking between Door Frame and Masonry Opening
- 1926 Construction, 1st Floor - Concealed Caulking between Window Frame and Masonry Opening
- 1926 Construction, 2nd Floor - Concealed Caulking between Window Frame and Masonry Opening
- 1926 Construction, Exterior - Concealed Caulking Between Exit Doors & Masonry Opening
- 1995 Addition, 1st Floor - Concealed Caulking between Window Frame and Masonry Opening
- 1995 Addition, Exterior Façade - Concealed Caulking between Door Frame and Masonry Opening

- 1995 Addition Exterior Facade - Concealed Caulking below Metal Cap Flashing
- 1995 Addition Exterior Facade - Concealed Caulking Between Exit Doors & Masonry Opening

4.0 INSPECTION RESULTS

Proposed Work:	Homogenous Area No.	Location	Material	No. Of Samples	ACM Results	PCB Results	Notes
Bond Phase II Masonry Reconstruction	1	1926 Construction, Basement	Off White Exterior Window Caulking	3	Non ACM	Non PCB	
	1.1	1926 Construction, Basement	Concealed Caulking between Window Frame and Masonry Opening	0	Assumed ACM	Assumed PCB Containing	See Note 1
	4	1926 Construction, Throughout	White Window Lintel Caulking	3	Non ACM	Non PCB	
	18	1926 Construction, Throughout	Window/Door Lintel Flashing, Tar, Mastic and Rust Inhibitor Materials	0	Assumed ACM	---	See Note 1
	5	1926 Construction, Basement	White Exterior Door Caulking	3	Non ACM	Non PCB	
	5.1	1926 Construction, Basement	Concealed Caulking between Door Frame and Masonry Opening	0	Assumed ACM	Assumed PCB Containing	See Note 1
	5.2	1926 Construction, Basement	Door Core Insulation	0	Assumed ACM	---	See Note 1
	2	1926 Construction, 1 st Floor	Off White Exterior Window Caulking	3	Non ACM	Non PCB	
	2.1	1926 Construction, 1 st Floor	Concealed Caulking between Window Frame and Masonry Opening	0	Assumed ACM	Assumed PCB Containing	See Note 1
	3	1926 Construction, 2 nd Floor	Off White Exterior Window Caulking	3	Non ACM	Non PCB	
	3.1	1926 Construction, 2 nd Floor	Concealed Caulking between Window Frame and Masonry Opening	0	Assumed ACM	Assumed PCB Containing	See Note 1
	10	1926 Construction, Exterior	Gray Exterior Façade Brick Mortar	3	Non ACM	---	
	10.1	1926 Construction, Exterior	Façade Brick	0	Not Suspect Material	---	

Proposed Work:	Homogenous Area No.	Location	Material	No. Of Samples	ACM Results	PCB Results	Notes
	23	1926 Construction, Exterior	Concealed Caulking Between Exit Doors & Masonry Opening	0	Assumed ACM	Assumed PCB Containing	See Note 1
	6	1995 Addition, 1 st Floor	White Exterior Window Caulking	3	Non ACM	Non PCB	
	6.1	1995 Addition, 1 st Floor	Concealed Caulking between Window Frame and Masonry Opening	0	Assumed ACM	Assumed PCB Containing	See Note 1
	7	1995 Addition, Throughout	Black Window Lintel Flashing	3	Non ACM	---	
	8	1995 Addition, Exterior Façade	White Exterior Door Caulking	3	Non ACM	Non PCB	
	8.1	1995 Addition, Exterior Façade	Concealed Caulking between Door Frame and Masonry Opening	0	Assumed ACM	Assumed PCB Containing	See Note 1
	8.2	1995 Addition, Exterior Façade	Door Core Insulation	0	Assumed ACM	---	See Note 1
	9	1995 Addition, Exterior Façade	Gray Exterior Façade Brick Mortar	3	Non ACM	---	
	9.1	1995 Addition, Exterior Façade	Façade Brick	0	Not Suspect Material	---	
	11	1995 Addition, South Elevation Façade	Gray Base Metal Cap Flashing Caulking	3	Non ACM	Non PCB	
	11.1	1995 Addition Exterior Façade	Concealed Caulking below Metal Cap Flashing	0	Assumed ACM	Assumed PCB Containing	See Note 1
	12	1995 Addition Exterior Façade	Foundation Wall Mastic	3	Non ACM	---	
	13	1995 Addition Exterior Façade	Foundation Wall Vapor Barrier	3	Non ACM	---	
	14	1995 Addition Exterior Façade	Foundation Wall Insulation Board	3	Non ACM	---	
	15	1926 Original & 1995 Addition, Exterior Façade	Masonry Backup Material	0	Assumed ACM	---	See Note 1

Proposed Work:	Homogenous Area No.	Location	Material	No. Of Samples	ACM Results	PCB Results	Notes
	16	1995 Addition Exterior Facade	Concealed Caulking Between Exit Doors & Masonry Opening	0	Assumed ACM	Assumed PCB Containing	See Note 1
	17	1926 Original & 1995 Addition, Exterior Facade	Built up roofing Membrane, Screed, Tar, Insulation, Drain Flashing, Base Flashing, & Mechanical Flashing Materials	0	Assumed ACM	---	See Note 1

Note 1: Materials have been assumed ACM due to their height, because they were energized, or because the materials could only be accessed through destructive means. All assumed materials shall be sampled and analyzed for asbestos content prior to abatement.

ACM: Analysis confirmed the presence of asbestos in the amount greater than 1% within the samples collected.

Non ACM: Trace amounts (<1%) or no-asbestos were detected in the samples collected

Non PCB Containing: Below the US EPA Limit of 50 PPM (mg/kg) for disposal as a regulated hazardous waste.

PCB Containing: Exceeds the US EPA limit of 50 PPM (mg/kg) for disposal as a regulated hazardous waste.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Asbestos-containing materials, which may be affected by the scope of work, have been positively identified at various locations throughout the building.

In the event that the identified ACM is to be disturbed by the proposed renovation work, proper asbestos abatement procedures shall be implemented prior to the commencement of such work.

All asbestos abatement work shall be performed in accordance with all applicable Federal, State and local rules and regulations. The abatement project shall be filed with all agencies having jurisdiction over this project, such as USEPA and NYDEC.

A licensed abatement contractor must perform the removal of all friable and non-friable ACM. New York Environmental & Analytical Laboratories, Inc., believes that the implementation of these recommendations will serve to best protect human health and the environment.

This inspection was conducted solely for the (scope of work). If proposed work should change, additional samples may be necessary prior to any commencement of proposed work.

To assure that the removal of the aforementioned ACM is properly and effectively carried out, the following recommendations are proposed by New York Environmental & Analytical Laboratories, Inc.

- A. Develop and implement a schedule that outlines the time frame for removal of asbestos-containing materials.
- B. Develop complete and concise specifications to effectively deal with removal of asbestos-containing material. These specifications should be developed to comply with all applicable Federal, State and Local regulations.
- C. Retain the service of an independent testing laboratory to monitor the quality of the air before, during and after the removal work. Retain all documentation and correspondence from the removal contractor, the testing laboratory and related items in a permanent record.

6.0 AREAS NOT ACCESSIBLE

New York Environmental & Analytical Laboratories, Inc. inspected and sampled materials, which were observable and accessible to the survey team. It is possible, however, that additional suspect ACM may exist under concealed spaces, which were not accessible without using destructive means. Any materials that have not been tested and/or found asbestos positive must be assumed ACM.

APPENDIX A

7.0 ANALYTICAL RESULTS AND CHAIN OF CUSTODY CERTIFICATES OF ANALYSIS

LABORATORY RESULTS

HA NO.	Sample No.	Lab ID No.	Location	Material	PLM Result % Asbestos	PLM-NOB % Asbestos	TEM-NOB % Asbestos
1	12652-1	12652-1	1926 Construction, Basement	Off White Exterior Window Caulking	---	None Detected	None Detected
1	12652-2	12652-2	1926 Construction, Basement	Off White Exterior Window Caulking	---	None Detected	None Detected
1	12652-3	12652-3	1926 Construction, Basement	Off White Exterior Window Caulking	---	None Detected	None Detected
2	12652-4	12652-4	1926 Construction, 1 st Floor	Off White Exterior Window Caulking	---	None Detected	None Detected
2	12652-5	12652-5	1926 Construction, 1 st Floor	Off White Exterior Window Caulking	---	None Detected	None Detected
2	12652-6	12652-6	1926 Construction, 1 st Floor	Off White Exterior Window Caulking	---	None Detected	None Detected
3	12652-7	12652-7	1926 Construction, 2 nd Floor	Off White Exterior Window Caulking	---	None Detected	None Detected
3	12652-8	12652-8	1926 Construction, 2 nd Floor	Off White Exterior Window Caulking	---	None Detected	None Detected
3	12652-9	12652-9	1926 Construction, 2 nd Floor	Off White Exterior Window Caulking	---	None Detected	None Detected
4	12652-10	12652-10	1926 Construction, Basement	White Window lintel Caulking	---	None Detected	None Detected
4	12652-11	12652-11	1926 Construction, Basement	White Window lintel Caulking	---	None Detected	None Detected
4	12652-12	12652-12	1926 Construction, Basement	White Window lintel Caulking	---	None Detected	None Detected
5	12652-13	12652-13	1926 Construction, Basement	White Exterior Door Caulking	---	None Detected	None Detected
5	12652-14	12652-14	1926 Construction, Basement	White Exterior Door Caulking	---	None Detected	None Detected
5	12652-15	12652-15	1926 Construction, Basement	White Exterior Door Caulking	---	None Detected	None Detected
6	12652-16	12652-16	1995 Addition, 1 st Floor	White Exterior Window Caulking	---	None Detected	None Detected
6	12652-17	12652-17	1995 Addition, 1 st Floor	White Exterior Window Caulking	---	None Detected	None Detected
6	12652-18	12652-18	1995 Addition, 1 st Floor	White Exterior Window Caulking	---	None Detected	None Detected
7	12652-19	12652-19	1995 Addition, 1 st Floor	Black Window Lintel Flashing	---	None Detected	None Detected
7	12652-20	12652-20	1995 Addition, 1 st Floor	Black Window Lintel Flashing	---	None Detected	Residual <1%
7	12652-21	12652-21	1995 Addition, 1 st Floor	Black Window Lintel Flashing	---	None Detected	Residual <1%
8	12652-22	12652-22	1995 Addition	White Exterior Door Caulking	---	None Detected	None Detected
8	12652-23	12652-23	1995 Addition	White Exterior Door Caulking	---	None Detected	None Detected
8	12652-24	12652-24	1995 Addition	White Exterior Door Caulking	---	None Detected	None Detected

9	12652-25	12652-25	1995 Addition	Gray Exterior Façade Brick Mortar	None Detected	---	---
9	12652-26	12652-26	1995 Addition	Gray Exterior Façade Brick Mortar	None Detected	---	---
9	12652-27	12652-27	1995 Addition	Gray Exterior Façade Brick Mortar	None Detected	---	---
10	12652-28	12652-28	1926 Construction	Gray Exterior Façade Brick Mortar	None Detected	---	---
10	12652-29	12652-29	1926 Construction	Gray Exterior Façade Brick Mortar	None Detected	---	---
10	12652-30	12652-30	1926 Construction	Gray Exterior Façade Brick Mortar	None Detected	---	---
11	12786-1	12786-1	1995 Addition, South Elevation	Gray Base Metal Cap Flashing Caulking	---	None Detected	None Detected
11	12786-2	12786-2	1995 Addition, South Elevation	Gray Base Metal Cap Flashing Caulking	---	None Detected	None Detected
11	12786-3	12786-3	1995 Addition, South Elevation	Gray Base Metal Cap Flashing Caulking	---	None Detected	None Detected
12	12797-1	12797-4	1995 Addition Exterior	Foundation Wall Mastic	---	None Detected	None Detected
12	12797-2	12797-5	1995 Addition Exterior	Foundation Wall Mastic	---	None Detected	None Detected
12	12797-3	12797-6	1995 Addition Exterior	Foundation Wall Mastic	---	None Detected	None Detected
13	12797-4	12797-7	1995 Addition Exterior	Foundation Wall Vapor Barrier	---	None Detected	None Detected
13	12797-5	12797-8	1995 Addition Exterior	Foundation Wall Vapor Barrier	---	None Detected	None Detected
13	12797-6	12797-9	1995 Addition Exterior	Foundation Wall Vapor Barrier	---	None Detected	None Detected
14	12797-7	12797-10	1995 Addition Exterior	Foundation Wall Insulation Board	---	None Detected	None Detected
14	12797-8	12797-11	1995 Addition Exterior	Foundation Wall Insulation Board	---	None Detected	None Detected
14	12797-9	12797-12	1995 Addition Exterior	Foundation Wall Insulation Board	---	None Detected	None Detected

BATCH #	PLM	PLM-NOB	TEM-NOB	PNA
12652	6	24	22	---
12786	---	3	3	---
12797	---	9	9	---

PLM ANALYTICAL REPORT

Project Information		Sample Information	Client Information
NYE Project No.: 40848	Client Project No.: 40848	Field Tech: M. Abraham Total Samples: 30 Date Sampled: 7/28/2014 Date Received: 7/30/2014 Date Analyzed: 7/31/2014 Date Reported: 7/31/2014	Client No.: 14800 Name: North Shore CSD Street: 112 Franklin Ave. City/State/Zip: Sea Cliff NY 11579 Phone/Fax: (516) 705-0384 (516) 705-0353 Contact:

ANALYTICAL RESULTS

LAB NO.	SAMPLE NO.	SAMPLE LOCATION	NOB	% OF ASBESTOS	OTHER MATERIAL
12652-1	12652-1	1926 Main Building, Basement; Off White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-2	12652-2	1926 Main Building, Basement; Off White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-3	12652-3	1926 Main Building, Basement; Off White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-4	12652-4	1926 Main Building, 1st Floor; Off White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-5	12652-5	1926 Main Building, 1st Floor; Off White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-6	12652-6	1926 Main Building, 1st Floor; Off White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-7	12652-7	1926 Main Building, 2nd Floor; Off White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-8	12652-8	1926 Main Building, 2nd Floor; Off White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-9	12652-9	1926 Main Building, 2nd Floor; Off White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-10	12652-10	1926 Main Building, Basement; White Window Lintel Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking

Comment:

Lab. Accreditation

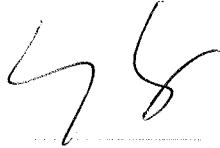
NVLAP Lab Code 101967-0

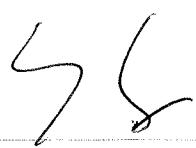
ELAP #: 11510

Testing Method

EPA 600/M4-82-020

NYS DOH ELAP Method 198.1


 Li Tsang
 Microscopist


 Li Tsang,
 Laboratory Director

The report relates only to the item tested and no other either expressed or implied. This report cannot be used in part and may only be used in full with this laboratory's approval. This report must not be used in any way to claim product endorsement by New York Environmental, NVLAP of NYSDOH, NIST, and/or any other agencies issuing related certifications and/or accreditations. "Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing"



PLM ANALYTICAL REPORT

Project Information		Sample Information	Client Information
NYE Project No.: 40848	Client Project No.: 40848	Field Tech: M. Abraham Total Samples: 30 Date Sampled: 7/28/2014 Date Received: 7/30/2014 Date Analyzed: 7/31/2014 Date Reported: 7/31/2014	Client No.: 14800 Name: North Shore CSD Street: 112 Franklin Ave. City/State/Zip: Sea Cliff NY 11579 Phone/Fax: (516) 705-0384 (516) 705-0353 Contact:

ANALYTICAL RESULTS

LAB NO.	SAMPLE NO.	SAMPLE LOCATION	NOB	% OF ASBESTOS	OTHER MATERIAL
12652-11	12652-11	1926 Main Building, Basement; White Window Lintel Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-12	12652-12	1926 Main Building, Basement; White Window Lintel Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-13	12652-13	1926 Main Building, Basement; White Exterior Door Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-14	12652-14	1926 Main Building, Basement; White Exterior Door Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-15	12652-15	1926 Main Building, Basement; White Exterior Door Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-16	12652-16	1995 Building, 1st Floor; White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-17	12652-17	1995 Building, 1st Floor; White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-18	12652-18	1995 Building, 1st Floor; White Exterior Window Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-19	12652-19	1995 Building, 1st Floor; Black Window Lintel Flashing	<input checked="" type="checkbox"/>	None Detected	Tar
12652-20	12652-20	1995 Building, 1st Floor; Black Window Lintel Flashing	<input checked="" type="checkbox"/>	None Detected, Residual <1	Tar

Comment:

Lab. Accreditation

NVLAP Lab Code 101967-0

ELAP #: 11510

Testing Method

EPA 600/M4-82-020

NYS DOH ELAP Method 198.1


Li Tsang
 Microscopist


Li Tsang,
 Laboratory Director

The report relates only to the item tested and no other either expressed or implied. This report cannot be used in part and may only be used in full with this laboratory's approval. This report must not be used in any way to claim product endorsement by New York Environmental, ELAP of NYSDOH, NVLAP of NIST, and/or any other agencies issuing related certifications and/or accreditations. "Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing."

2143038



PLM ANALYTICAL REPORT

Project Information

NYE Project No.: 40848
Client Project No.: 40848
Street: 7 School Street
City: Glean Head, NY

Sample Information

Field Tech: M. Abraham
Total Samples: 30
Date Sampled: 7/28/2014
Date Received: 7/30/2014
Date Analyzed: 7/31/2014
Date Reported: 7/31/2014

Client Information

Client No.: 14800
Name: North Shore CSD
Street: 112 Franklin Ave.
City/State/Zip: Sea Cliff NY 11579
Phone/Fax: (516) 705-0384 (516) 705-0353
Contact:

ANALYTICAL RESULTS

LAB NO.	SAMPLE NO.	SAMPLE LOCATION	NOB	% OF ASBESTOS	OTHER MATERIAL
12652-21	12652-21	1995 Building, 1st Floor; Black Window Lintel Flashing	<input checked="" type="checkbox"/>	None Detected, Residual <1	Tar
12652-22	12652-22	1995 Building; White Exterior Door Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-23	12652-23	1995 Building; White Exterior Door Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-24	12652-24	1995 Building; White Exterior Door Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12652-25	12652-25	1995 Building; Gray Exterior Façade Brick Mortar	<input type="checkbox"/>	None Detected	Quartz, Gypsum
12652-26	12652-26	1995 Building; Gray Exterior Façade Brick Mortar	<input type="checkbox"/>	None Detected	Quartz, Gypsum
12652-27	12652-27	1995 Building; Gray Exterior Façade Brick Mortar	<input type="checkbox"/>	None Detected	Quartz, Gypsum
12652-28	12652-28	1926 Main Building; Gray Exterior Façade Brick Mortar	<input type="checkbox"/>	None Detected	Quartz, Gypsum
12652-29	12652-29	1926 Main Building; Gray Exterior Façade Brick Mortar	<input type="checkbox"/>	None Detected	Quartz, Gypsum
12652-30	12652-30	1926 Main Building; Gray Exterior Façade Brick Mortar	<input type="checkbox"/>	None Detected	Quartz, Gypsum

Comment:

Lab. Accreditation

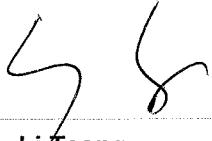
NVLAP Lab Code 101967-0

ELAP #: 11510

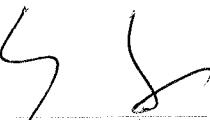
Testing Method

EPA 600/M4-82-020

NYS DOH ELAP Method 198.1


Li Tsang

Microscopist


Li Tsang,
Laboratory Director

The report relates only to the item tested and no other either expressed or implied. This report cannot be used in part and may only be used in full with this laboratory's approval. This report must not be used in any way to claim product endorsement by New York Environmental. ELAP of NYSDOH, NVLAP of NIST, and/or any other agencies issuing related certifications and/or accreditations. "Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing"



PLM ANALYTICAL REPORT

Project Information		Sample Information	Client Information
NYE Project No.: 40848	Client Project No.: 40848	Field Tech: G. Kabanashvili Total Samples: 3 Date Sampled: 10/1/2014 Date Received: 10/2/2014 Date Analyzed: 10/2/2014 Date Reported: 10/3/2014	Client No.: 14800 Name: North Shore CSD Street: 112 Franklin Ave. City/State/Zip: Sea Cliff NY 11579 Phone/Fax: (516) 705-0384 (516) 705-0353 Contact:

ANALYTICAL RESULTS

LAB NO.	SAMPLE NO.	SAMPLE LOCATION	NOB	% OF ASBESTOS	OTHER MATERIAL
12786-1	12786-1	Glen Head Elementary School, Building Exterior, South Elevation; Gray Base Metal Cap Flashing Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12786-2	12786-2	Glen Head Elementary School, Building Exterior, South Elevation; Gray Base Metal Cap Flashing Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking
12786-3	12786-3	Glen Head Elementary School, Building Exterior, South Elevation; Gray Base Metal Cap Flashing Caulking	<input checked="" type="checkbox"/>	None Detected	Caulking

Comment:

Lab. Accreditation

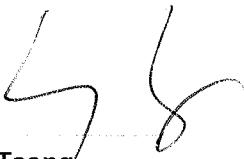
NVLAP Lab Code 101967-0

ELAP #: 11510

Test Method

EPA 600/M4-82-020

NYS DOH ELAP Method 198.6


 Li Tsang
 Microscopist


 Li Tsang,
 Laboratory Director

The report relates only to the item tested and no other either expressed or implied. This report cannot be used in part and may only be used in full with this laboratory's approval. This report must not be used in any way to claim product endorsement by New York Environmental. ELAP of NYSDOH, NVLAP of NIST, and/or any other agencies issuing related certifications and/or accreditations. "Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing."

2143897

Page 1 of 1



PLM ANALYTICAL REPORT

Project Information		Sample Information	Client Information
NYE Project No.: 40848	Client Project No.: 40848	Field Tech: G. Kabanashvili Total Samples: 9 Date Sampled: 10/6/2014 Date Received: 10/7/2014 Date Analyzed: 10/7/2014 Date Reported: 10/9/2014	Client No.: 14800 Name: North Shore CSD Street: 112 Franklin Ave. City/State/Zip: Sea Cliff NY 11579 Phone/Fax: (516) 705-0384 (516) 705-0353 Contact:

ANALYTICAL RESULTS

LAB NO.	SAMPLE NO.	SAMPLE LOCATION	NOB	% OF ASBESTOS	OTHER MATERIAL
12797-1	4	Building Exterior; Foundation Wall Mastic	<input checked="" type="checkbox"/>	None Detected	Tar
12797-2	5	Building Exterior; Foundation Wall Mastic	<input checked="" type="checkbox"/>	None Detected	Tar
12797-3	6	Building Exterior; Foundation Wall Mastic	<input checked="" type="checkbox"/>	None Detected	Tar
12797-4	7	Building Exterior; Foundation Wall Vapor Barrier	<input checked="" type="checkbox"/>	None Detected	Vinyl
12797-5	8	Building Exterior; Foundation Wall Vapor Barrier	<input checked="" type="checkbox"/>	None Detected	Vinyl
12797-6	9	Building Exterior; Foundation Wall Vapor Barrier	<input checked="" type="checkbox"/>	None Detected	Vinyl
12797-7	10	Building Exterior; Foundation Wall Insulation Board	<input checked="" type="checkbox"/>	None Detected	Foam
12797-8	11	Building Exterior; Foundation Wall Insulation Board	<input checked="" type="checkbox"/>	None Detected	Foam
12797-9	12	Building Exterior; Foundation Wall Insulation Board	<input checked="" type="checkbox"/>	None Detected	Foam

Comment:

Lab. Accreditation

NVLAP Lab Code 101967-0

ELAP #: 11510

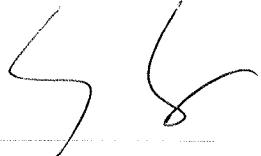
Test Method

EPA 600/M4-82-020

NYS DOH ELAP Method 198.6



Li Tsang
Microscopist



Li Tsang,
Laboratory Director

The report relates only to the item tested and no other either expressed or implied. This report cannot be used in part and may only be used in full with this laboratory's approval. This report must not be used in any way to claim product endorsement by New York Environmental. ELAP of NYSDOH, NVLAP of NIST, and/or any other agencies issuing related certifications and/or accreditations. "Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing"

2143962

Page 1 of 1



BULK SAMPLING CHAIN OF CUSTODY FORM

NEW YORK ENVIRONMENTAL
88 Harbor Road
Port Washington, NY 11050

CLIENT	North Shore	PROJECT LOCATION	Glen Head School	DATE SAMPLED	7/28/14
INSPECTOR(S)	Mather Abraham	PROJECT ADDRESS		DATE RECEIVED	7/30/14
PROJECT MANAGER	Kurt Bruner			DATE ANALYZED	TIME
PROJECT NO.	40848	WORK LOCATION		ANALYST	(62)

HA NO.	NYE QC NO.	SAMPLE NO.	LOCATION / DESCRIPTION	WALL NO.	X	Y	COLOR	PLM	NOB	TEM
1		1	Main Bldg 1026 Bus.	Exterior W.C.			off white		/	
		2							/	
		3							/	
2		4	1 FL						/	
		5							/	
		6							/	
3		7	2 FL						/	
		8							/	
		9							/	
RELINQUISHED (PRINT)				DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE
Maher Abraham			T 30/11/14	17:00	17:00	W.S. Cruz	W.S. Cruz	T 30/11/14	17:00	W.S. Cruz
RELINQUISHED (PRINT)				DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE

BULK SAMPLING CHAIN OF CUSTODY FORM

PAGE 2 OF 4

CLIENT	North Shore	PROJECT LOCATION	Glen Head School	DATE SAMPLED	7/28/14
INSPECTOR(S)	Walter Abraham	PROJECT ADDRESS		DATE RECEIVED	7/30/14
PROJECT MANAGER	Kurt Brown			DATE ANALYZED	7/30/14
PROJECT NO.		WORK LOCATION		TIME	11:00
				ANALYST	C.J.

HA NO.	NYE QC NO.	SAMPLE NO.	LOCATION / DESCRIPTION	WALL NO.	X	Y	COLOR	PLM	NOB	TEM
4		10	1926 main Bldg Bas.	window linter cork			wt			
		11								
		12								
5		13	Exterior Door caulk							
		14								
		15								
6		16	1995 Bldg IFL Ext. W.C.							
		17								
		18								
RELINQUISHED (PRINT)				DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE
Maher Abraham				7/30/14	1:36	<i>Maher Abraham</i>	Was seen	7/30/14	1:36	<i>W.A. Abraham</i>
RELINQUISHED (PRINT)				DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE

BULK SAMPLING CHAIN OF CUSTODY FORM

CLIENT	North Shore	PROJECT LOCATION	Glen Head Glencoe
INSPECTOR(S)	Maher Abraham	PROJECT ADDRESS	
PROJECT MANAGER	Kurt Brunner		
PROJECT NO.		WORK LOCATION	

HA NO.	NYE QC NO.	SAMPLE NO.	LOCATION / DESCRIPTION	WALL NO.	X	Y	COLOR	PLM	NOB	TEM
7	19	1995 Bldg	1 FL Window Weld Flash				Blk			
↓	20		J				"			
↓	21		J				"			
8	22		exterior Door frame				WT			
↓	23		J				"			
↓	24		J				"			
9	25		Ext. facade Brick masonry				Gy			
↓	26		J				"			
↓	27		J				"			
RELINQUISHED (PRINT)	DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE			
Maher Abraham	7/30/14	1:30 PM	John D	Was Cleared	7/30/14	1:30 PM	Signature			
RELINQUISHED (PRINT)	DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE			

BULK SAMPLING CHAIN OF CUSTODY FORM

PAGE 4 OF 4

CLIENT	North Shore	PROJECT LOCATION	Glen Head Glacial	DATE SAMPLED	7/28/14
INSPECTOR(S)	Maher Abraham	PROJECT ADDRESS		DATE RECEIVED	7/30/14
PROJECT MANAGER	Kurt Birnur			DATE ANALYZED	7/31/14
PROJECT NO.		WORK LOCATION		TIME	C 600
ANALYST				ANALYST	J.

HA NO.	NYE QC NO.	SAMPLE NO.	LOCATION / DESCRIPTION	WALL NO.	X	Y	COLOR	PLM	NOB	TEM
10		28	Arch Min big brick mtn				Cry			
		29						f1		
		30						f1		
RELINQUISHED (PRINT)		DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE		
Maher Abraham	7/30/14	1:00		J	Viv S. Vass	7/30/14	1:00			
RELINQUISHED (PRINT)		DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE		

BULK SAMPLING CHAIN OF CUSTODY FORM

PAGE / OF /

CLIENT	Woolen Shoe Schools	PROJECT LOCATION	DATE SAMPLED
INSPECTOR(S)	George Kabomashwilli	PROJECT ADDRESS	DATE RECEIVED
PROJECT MANAGER	Kurt Brown	7 School Street, Green Head, NY	10/21/14
PROJECT NO.	40848	WORK LOCATION	DATE ANALYZED
		Exterior. Foundation wall.	10/21/14
			ANALYST
			G. K.

HA NO.	NYE QC NO.	SAMPLE NO.	LOCATION / DESCRIPTION	WALL NO.	X	Y	COLOR	PLM	NOB	TEM
O1		01	Building Exterior. South Elevation. Base Metal Cap Fleeting Caulk King. Grey							
		O2								
		O3								



2143897

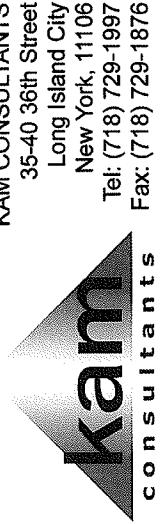
RELINQUISHED (PRINT)	DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE
George Kabomashwilli	10/24/14	13:00	G. K.	Wai S Cheung	10/21/14	13:00	
				RECEIVED (PRINT)	DATE	TIME	SIGNATURE

BULK SAMPLING CHAIN OF CUSTODY FORM

CLIENT	North Shore Schools.	PROJECT LOCATION		DATE SAMPLED	
INSPECTOR(S)	George Kabanashvili	PROJECT ADDRESS		10/06/14	
PROJECT MANAGER	Kurt Brooks	4 School Street, Glen Head, NY		DATE RECEIVED	
PROJECT NO.	40848	WORK LOCATION		10/06/14	
		Exterior Building, Foundation Wall By Main Entrance.		ANALYST	
				CT.	

HA NO.	NYE QC NO.	SAMPLE NO.	LOCATION / DESCRIPTION	WALL NO.	X	Y	COLOR	PLM	NOB	TEM
02	04	04	Building Exterior, Foundation Wall Plastic							
		05								
		06								
03	07	07	Building Exterior, Foundation Wall Vapor Barrier							
		08								
		09								
04	10	10	Building Exterior, Foundation Wall Insulation Board.							
		11								
		12								
RELINQUISHED (PRINT)	DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE			
George Kabanashvili	10/06/14	17:30	Aleyna Hale	10/07/14	9:00					
RELINQUISHED (PRINT)	DATE	TIME	SIGNATURE	RECEIVED (PRINT)	DATE	TIME	SIGNATURE			

Z439682



KAM CONSULTANTS
35-40 36th Street
Long Island City
New York, 11106
Tel: (718) 729-1997
Fax: (718) 729-1876

QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy
2143312

CLIENT: NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
BUILDING ADDRESS: 7 School Street
PROJECT: NORTH SHORE CSD - 40848

Sample Description (Homogen. Material)	Sample Location & Type	Client Sample ID#	NYE QC NO.	Lab ID#	Residue (Percentage)	Total Asbestos on Sample (Percentage)
N/A	N/A	1	12652-1	157501-1	33.3%	ND
N/A	N/A	2	12652-2	157501-2	20.6%	ND
N/A	N/A	3	12652-3	157501-3	17.9%	ND
N/A	N/A	4	12652-4	157501-4	22.3%	ND
N/A	N/A	5	12652-5	157501-5	16.3%	ND
N/A	N/A	6	12652-6	157501-6	17.6%	ND
N/A	N/A	7	12652-7	157501-7	16.2%	ND
N/A	N/A	8	12652-8	157501-8	22.3%	ND
N/A	N/A	9	12652-9	157501-9	16.9%	ND
N/A	N/A	10	12652-10	157501-10	49.5%	ND

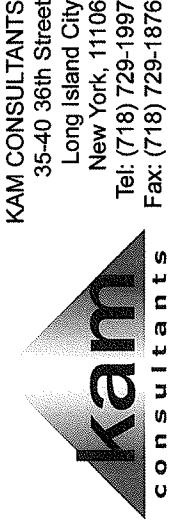
Date Received: 07/31/14
Date Analyzed: 08/04/14
Date of Report: 08/04/14

Analyst: Hao Wu
Hao Wu

Lab Manager: Mei Liu
Mei Liu

- TEM Reporting Limit (RL) = 1%
- Test Method: ELAP 198.4
- Analytical Quality Control Requirements were met for this set of samples.
- This report relates only to the items calibrated or tested.
- Samples will be stored for ninety (90) days and then returned to the client upon request.
- The certificate of report shall not be reproduced without the approval of the laboratory.
- This report must not be used by the client to claim product, certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.
- This report contains data not covered by the NVLAP accreditation.

NYS-DOH ELAP#: 11273



KAM CONSULTANTS
35-40 36th Street
Long Island City
New York, 11106
Tel: (718) 729-1997
Fax: (718) 729-1876

**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL**
Transmission Electron Microscopy

CLIENT: NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
BUILDING ADDRESS: 7 School Street
PROJECT: NORTH SHORE CSD - 40848

Sample Description (Homogen. Material)	Sample Location & Type	Client Sample ID#	NYE QC NO.	Lab ID#	Residue (Percentage)	Total Asbestos on Sample (Percentage)
N/A	N/A	11	12652-11	157501-11	50.8%	ND
N/A	N/A	12	12652-12	157501-12	23.3%	ND
N/A	N/A	13	12652-13	157501-13	39.7%	ND
N/A	N/A	14	12652-14	157501-14	31.6%	ND
N/A	N/A	15	12652-15	157501-15	76.0%	ND
N/A	N/A	16	12652-16	157501-16	53.1%	ND
N/A	N/A	17	12652-17	157501-17	56.8%	ND
N/A	N/A	18	12652-18	157501-18	56.7%	ND
N/A	N/A	22	12652-22	157501-19	73.0%	ND
N/A	N/A	23	12652-23	157501-20	59.1%	ND

Date Received: 07/31/14
Date Analyzed: 08/04/14
Date of Report: 08/04/14

Analyst: Hao Wu

Lab Manager: Mei Liu

- TEM Reporting Limit (RL) = 1%
- Test Method: ELAP 198.4
- Analytical Quality Control Requirements were met for this set of samples.
- This report relates only to the items calibrated or tested.
- Samples will be stored for ninety (90) days and then returned to the client upon request.
- The certificate of report shall not be reproduced without the approval of the laboratory.
- This report must not be used by the client to claim product, certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.
- This report contains data not covered by the NVLAP accreditation.

NYS-DOH ELAP#: 11273

NVLAP Lab Code: 102047-0



KAM CONSULTANTS
35-40 36th Street
Long Island City
New York, 11106
Tel: (718) 729-1997
Fax: (718) 729-1876

**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL**
Transmission Electron Microscopy

CLIENT: NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
BUILDING ADDRESS: 7 School Street
PROJECT: NORTH SHORE CSD - 40848

Sample Description (Homogen. Material)	Sample Location & Type	Client Sample ID#	NYE QC NO.	Lab ID#	Residue (Percentage)	Total Asbestos on Sample (Percentage)
N/A	N/A	24	12652-24	157501-21	64.0%	ND
N/A	N/A	19	12652-19	157501-22	3.5%	ND

Date Received: 07/31/14
Date Analyzed: 08/04/14
Date of Report: 08/04/14

Analyst:
Hao Wu

- TEM Reporting Limit (RL) = 1%
- Test Method: ELAP 198.4

Analytical Quality Control Requirements were met for this set of samples.

This report relates only to the items calibrated or tested.

Samples will be stored for ninety (90) days and then returned to the client upon request.

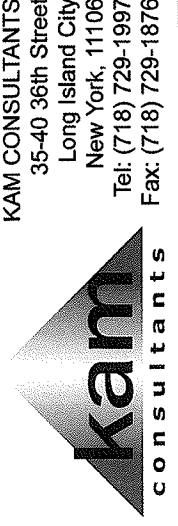
The certificate of report shall not be reproduced without the approval of the laboratory.

This report must not be used by the client to claim product, certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.

This report contains data not covered by the NVLAP accreditation.

Lab Manager:
Mei Liu

Mei Liu



81144003

KAM CONSULTANTS
Long Island City
New York, 11106
Tel: (718) 729-1997
Fax: (718) 729-1876

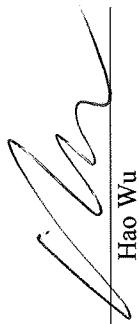
**QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL**

Transmission Electron Microscopy

CLIENT: NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
BUILDING ADDRESS: 7 School Street
PROJECT: NORTH SHORE CSD - 40848

Sample Description (Homogen. Material)	Sample Location & Type	Client Sample ID#	NYE QC NO.	Lab ID#	Residue (Percentage)	Total Asbestos on Sample (Percentage)
N/A	N/A	1	12786-1	158768-1	60.8%	ND
N/A	N/A	2	12786-2	158768-2	11.6%	ND
N/A	N/A	3	12786-3	158768-3	54.7%	ND

Date Received: 10/03/14
Date Analyzed: 10/03/14
Date of Report: 10/03/14


Analyst: Hao Wu

TEM Reporting Limit (RL) = 1%

Test Method: ELAP 198.4

Analytical Quality Control Requirements were met for this set of samples.

This report relates only to the items calibrated or tested.

Samples will be stored for ninety (90) days and then returned to the client upon request.

The certificate of report shall not be reproduced without the approval of the laboratory.

This report must not be used by the client to claim product, certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.

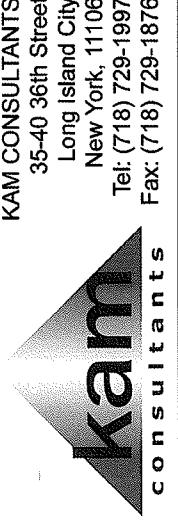
This report contains data not covered by the NVLAP accreditation.

Lab Director:

George Kouvaras

NYS-DOH ELAP#: 11273

NVLAP Lab Code: 102047-0



KAM CONSULTANTS
35-40 36th Street
Long Island City
New York, 11106
Tel: (718) 729-1997
Fax: (718) 729-1876

144007

QUANTITATIVE ANALYSIS REPORT
ASBESTOS IN BULK MATERIAL
Transmission Electron Microscopy

CLIENT: NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
BUILDING ADDRESS: 7 School Street
PROJECT: NORTH SHORE CSD - 40848

Sample Description (Homogen. Material)	Sample Location & Type	Client Sample ID#	NYE QC NO.	Lab ID#	Residue (Percentage)	Total Asbestos on Sample (Percentage)
N/A	N/A	4	12797-1	158842-1	6.0%	ND
N/A	N/A	5	12797-2	158842-2	56.1%	ND
N/A	N/A	6	12797-3	158842-3	47.7%	ND
N/A	N/A	7	12797-4	158842-4	22.3%	ND
N/A	N/A	8	12797-5	158842-5	13.8%	ND
N/A	N/A	9	12797-6	158842-6	14.5%	ND
N/A	N/A	10	12797-7	158842-7	5.0%	ND
N/A	N/A	11	12797-8	158842-8	3.5%	ND
N/A	N/A	12	12797-9	158842-9	2.8%	ND

Date Received: 10/08/14
Date Analyzed: 10/09/14
Date of Report: 10/09/14

Analyst:

Hao Wu

TEM Reporting Limit (RL) = 1%

Test Method: ELAP 198.4

Analytical Quality Control Requirements were met for this set of samples.

This report relates only to the items calibrated or tested.

Samples will be stored for ninety (90) days and then returned to the client upon request.

The certificate of report shall not be reproduced without the approval of the laboratory.

This report must not be used by the client to claim product, certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.

This report contains data not covered by the NVLAP accreditation.

Lab Director:

George Kouvaras

NYS-DOH ELAP#: 11273

NVLAP Lab Code: 102047-0

157501

12652

Page 1 of 2

NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
516-944-9500 (P) 516-944-9507 (F)

RECEIVED
KAM CONSULTANTS

CHAIN OF CUSTODY FORM 2014 JUL 31 PM 8:53
NOB SAMPLES BY TEM

CLIENT :	North Shore CSD	TURNAROUND TIME :	<input type="checkbox"/> RUSH
PROJECT :	40848		<input type="checkbox"/> 1 DAY
STREET:	7 School Street		<input type="checkbox"/> 2 DAYS
		<input checked="" type="checkbox"/> 3 DAYS	
		<input type="checkbox"/> 5 DAYS	

SAMPLE NO.	NYE QC NO.	RESIDUE (% WT.)	Homogeneous Sample Group (* See Instruction Below)	REMARK
1	12652-1	33.3%	1	M
2	12652-2	20.6%	1	M
3	12652-3	17.9%	1	M
4	12652-4	22.3%	1	M
5	12652-5	16.3%	1	M
6	12652-6	17.6%	1	M
7	12652-7	16.2%	1	M
8	12652-8	22.3%	1	M
9	12652-9	16.9%	1	M
10	12652-10	49.5%	1	M
11	12652-11	50.8%	1	M
12	12652-12	23.3%	1	M

- * Analyze each homogeneous sample group until positive
 Analyze all samples

Marlin 8/1/14

DELIVERED (PRINT)	DELIVERED (SIGN)	DATE	TIME	RECEIVED (PRINT)	RECEIVED (SIGN)	DATE	TIME
A. Adel M		7-31-14 /KED		Mayorga Chem		Aug 1 2014	20:53

B6205



12652

Page 2 of 2

NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
 516-944-9500 (P) 516-944-9507 (F) RECEIVED
 KAM CONSULTANTS
CHAIN OF CUSTODY FORM
NOB SAMPLES BY TEM

2014 JUL 31 PM 8:53

CLIENT :	North Shore CSD	TURNAROUND TIME :	<input type="checkbox"/> RUSH
PROJECT :	40848		<input type="checkbox"/> 1 DAY
STREET:	7 School Street		<input type="checkbox"/> 2 DAYS
			<input checked="" type="checkbox"/> 3 DAYS
			<input type="checkbox"/> 5 DAYS

SAMPLE NO.	NYE QC NO.	RESIDUE (% WT.)	Homogeneous Sample Group (* See Instruction Below)	REMARK
13	12652-13	39.7%	1	M
14	12652-14	31.6%	1	M
15	12652-15	76.0%	1	M
16	12652-16	53.1%	1	M
17	12652-17	56.8%	1	M
18	12652-18	56.7%	1	M
19	12652-19	3.5%	1	No sample
22	12652-22	73.0%	1	M
23	12652-23	59.1%	1	M
24	12652-24	64.0%	1	M

- * Analyze each homogeneous sample group until positive
- Analyze all samples

DELIVERED (PRINT)	DELIVERED (SIGN)	DATE	TIME	RECEIVED (PRINT)	RECEIVED (SIGN)	DATE	TIME
J. Adel Jr		7-31-14	1802	Yingying Guan	Rufy	07/31/14	20:53

B6205



KAH RECEIVED
KAH CONSULTANTS
2014 AUG -4 AM & 52

12652

NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
516-944-9500 (P) 516-944-9507 (F)

CHAIN OF CUSTODY FORM
NOB SAMPLES BY TEM

CLIENT :	North Shore CSD	TURNAROUND TIME :	<input type="checkbox"/> RUSH <input type="checkbox"/> 1 DAY <input type="checkbox"/> 2 DAYS <input checked="" type="checkbox"/> 3 DAYS <input type="checkbox"/> 5 DAYS
PROJECT :	40848		
STREET:	7 School Street		

SAMPLE NO.	NYE QC NO.	RESIDUE (% WT.)	Homogeneous Sample Group (* See Instruction Below)	REMARK
19	12652-19	3.5%		ND

MISSING SAMPLE (TEM) FROM BATCH 12652
THAT WAS SUBMITTED YESTERDAY (7-31-14)
-Alaina

- * Analyze each homogeneous sample group until positive
 Analyze all samples

Naoh Um 8/4/14

DELIVERED (PRINT)	DELIVERED (SIGN)	DATE	TIME	RECEIVED (PRINT)	RECEIVED (SIGN)	DATE	TIME
A. Adel Jr		8-1-14	1800	Naoh Um	Um	8/4/14	8:52



158768

12786

Page 1 of 1

NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
516-944-9500 (P) 516-944-9507 (F)

**CHAIN OF CUSTODY FORM
NOB SAMPLES BY TEM**

CLIENT :	North Shore CSD	TURNAROUND TIME :	<input type="checkbox"/> RUSH
PROJECT :	40848		<input type="checkbox"/> 1 DAY
STREET:	7 School Street		<input type="checkbox"/> 2 DAYS
			<input checked="" type="checkbox"/> 3 DAYS
			<input type="checkbox"/> 5 DAYS

SAMPLE NO.	NYE QC NO.	RESIDUE (% WT.)	Homogeneous Sample Group (* See Instruction Below)	REMARK
1	12786-1	60.8%		M
2	12786-2	11.6%		M
3	12786-3	54.7%		M

KARE CONSULTANTS
ENVIRONMENTAL
CONSULTANTS

2014 OCT - 3 AM 7:12

- * Analyze each homogeneous sample group until positive
- Analyze all samples

Ma. Wu 10/3/14

DELIVERED (PRINT)	DELIVERED (SIGN)	DATE	TIME	RECEIVED (PRINT)	RECEIVED (SIGN)	DATE	TIME
AAdele	A	10/1/14	18:00:00	Yifeng Wu	Yif	10/3/14	7:12

B6346



12797

Page 1 of 1

RECEIVED
KAM CONSULTANTS NEW YORK ENVIRONMENTAL & ANALYTICAL LABORATORIES, INC.
516-944-9500 (P) 516-944-9507 (F)

2014 OCT -8 AM 9:12

CHAIN OF CUSTODY FORM
NOB SAMPLES BY TEM

158842

CLIENT :	North Shore CSD	TURNAROUND TIME :	<input type="checkbox"/> RUSH <input type="checkbox"/> 1 DAY <input type="checkbox"/> 2 DAYS <input checked="" type="checkbox"/> 3 DAYS <input type="checkbox"/> 5 DAYS
PROJECT :	40848		
STREET:	7 School Street		

SAMPLE NO.	NYE QC NO.	RESIDUE (% WT.)	Homogeneous Sample Group (* See Instruction Below)	REMARK
4	12797-1	6.0%		M
5	12797-2	56.1%		M
6	12797-3	47.7%		M
7	12797-4	22.3%		M
8	12797-5	13.8%		M
9	12797-6	14.5%		M
10	12797-7	5.0%		M
11	12797-8	3.5%		M
12	12797-9	2.8%		M

- * Analyze each homogeneous sample group until positive
 Analyze all samples

10/9/14
Naomin 10/8/14

DELIVERED (PRINT)	DELIVERED (SIGN)	DATE	TIME	RECEIVED (PRINT)	RECEIVED (SIGN)	DATE	TIME
A. Adel		10/7/14	1800	Naomin	Am	10/8/14	9:12

B 6358



CLIENT:	North Shore CSD 112 Franklin Avenue Sea Cliff, NY 11579	REPORT NO.	2143242
		PROJECT NO.	40848
PROJECT:	40848 Glen Head School	SAMPLED:	07/28/14
		RECEIVED:	07/30/14
		ANALYZED:	07/30/14
		REPORTED:	08/12/14

**ANALYTICAL REPORT
FOR
TOTAL PCBs BY GC/ECD METHOD
(USEPA 8082)**

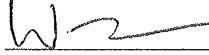
 COMPOSITED SAMPLE ID: **1, 2, 3**

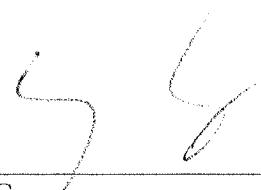
 BATCH NO. **C4335-1**

MATRIX: CAULKING

 SAMPLE LOCATION: **1926 Building, Basement (Exterior Window Caulking)**

TYPE OF PCB	CAS NO.	RESULT (mg/kg)	MINIMUM DETECTION LIMIT (mg/kg)
PCB 1016	12674-11-2	<0.97	0.97
PCB 1221	11104-28-2	<0.97	0.97
PCB 1232	11141-16-5	<0.97	0.97
PCB 1242	53469-21-9	<0.97	0.97
PCB 1248	12672-29-6	<0.97	0.97
PCB 1254	11097-69-1	<0.97	0.97
PCB 1260	11096-82-5	<0.97	0.97


 NICOLE CHEUNG
 CHEMIST


 LI TSANG
 LABORATORY DIRECTOR

Analytical results contained in this report relate only to the samples tested in the condition received by the laboratory. The report must not be reproduced except in its entirety unless with the laboratory's written approval. This report must not be used in any way to claim product endorsement by New York Environmental or ELAP of NYSDOH.

CLIENT:	North Shore CSD 112 Franklin Avenue Sea Cliff, NY 11579	REPORT NO.	2143242
		PROJECT NO.	40848
PROJECT:	40848 Glen Head School	SAMPLED:	07/28/14
		RECEIVED:	07/30/14
		ANALYZED:	07/30/14
		REPORTED:	08/12/14

**ANALYTICAL REPORT
FOR
TOTAL PCBs BY GC/ECD METHOD
(USEPA 8082)**

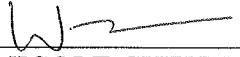
COMPOSITED SAMPLE ID: 4, 5, 6

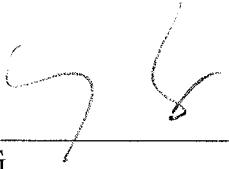
BATCH NO. C4335-2

MATRIX: CAULKING

SAMPLE LOCATION: 1926 Building, 1st Floor (Exterior Window Caulking)

TYPE OF PCB	CAS NO.	RESULT (mg/kg)	MINIMUM DETECTION LIMIT (mg/kg)
PCB 1016	12674-11-2	<0.84	0.84
PCB 1221	11104-28-2	<0.84	0.84
PCB 1232	11141-16-5	<0.84	0.84
PCB 1242	53469-21-9	<0.84	0.84
PCB 1248	12672-29-6	<0.84	0.84
PCB 1254	11097-69-1	<0.84	0.84
PCB 1260	11096-82-5	<0.84	0.84


NICOLE CHEUNG
CHEMIST


LI TSANG
LABORATORY DIRECTOR

Analytical results contained in this report relate only to the samples tested in the condition received by the laboratory. The report must not be reproduced except in its entirety unless with the laboratory's written approval. This report must not be used in any way to claim product endorsement by New York Environmental or ELAP of NYSDOH.

CLIENT:	North Shore CSD 112 Franklin Avenue Sea Cliff, NY 11579	REPORT NO.	2143242
		PROJECT NO.	40848
PROJECT:	40848 Glen Head School	SAMPLED:	07/28/14
		RECEIVED:	07/30/14
		ANALYZED:	07/30/14
		REPORTED:	08/12/14

**ANALYTICAL REPORT
FOR
TOTAL PCBs BY GC/ECD METHOD
(USEPA 8082)**

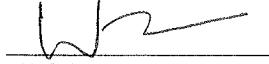
COMPOSITED SAMPLE ID: 7, 8, 9

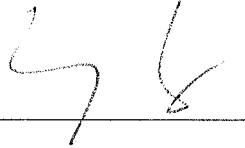
BATCH NO. C4335-3

MATRIX: CAULKING

SAMPLE LOCATION: 1926 Building, 2nd Floor (Exterior Window Caulking)

TYPE OF PCB	CAS NO.	RESULT (mg/kg)	MINIMUM DETECTION LIMIT (mg/kg)
PCB 1016	12674-11-2	<0.85	0.85
PCB 1221	11104-28-2	<0.85	0.85
PCB 1232	11141-16-5	<0.85	0.85
PCB 1242	53469-21-9	<0.85	0.85
PCB 1248	12672-29-6	<0.85	0.85
PCB 1254	11097-69-1	<0.85	0.85
PCB 1260	11096-82-5	<0.85	0.85


NICOLE CHEUNG
CHEMIST


LI TSANG
LABORATORY DIRECTOR

Analytical results contained in this report relate only to the samples tested in the condition received by the laboratory. The report must not be reproduced except in its entirety unless with the laboratory's written approval. This report must not be used in any way to claim product endorsement by New York Environmental or ELAP of NYSDOH.

CLIENT:	North Shore CSD 112 Franklin Avenue Sea Cliff, NY 11579	REPORT NO.	2143242
		PROJECT NO.	40848
PROJECT:	40848 Glen Head School	SAMPLED:	07/28/14
		RECEIVED:	07/30/14
		ANALYZED:	07/30/14
		REPORTED:	08/12/14

**ANALYTICAL REPORT
FOR
TOTAL PCBs BY GC/ECD METHOD
(USEPA 8082)**

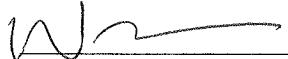
 COMPOSITED SAMPLE ID: **10, 11, 12**

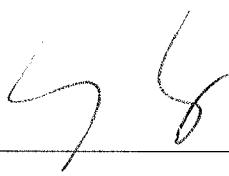
 BATCH NO. **C4335-4**

MATRIX: CAULKING

 SAMPLE LOCATION: **1926 Building, Basement (Window Lintel Caulking)**

TYPE OF PCB	CAS NO.	RESULT (mg/kg)	MINIMUM DETECTION LIMIT (mg/kg)
PCB 1016	12674-11-2	<1.00	1.00
PCB 1221	11104-28-2	<1.00	1.00
PCB 1232	11141-16-5	<1.00	1.00
PCB 1242	53469-21-9	<1.00	1.00
PCB 1248	12672-29-6	<1.00	1.00
PCB 1254	11097-69-1	<1.00	1.00
PCB 1260	11096-82-5	<1.00	1.00


 NICOLE CHEUNG
 CHEMIST


 LI TSANG
 LABORATORY DIRECTOR

Analytical results contained in this report relate only to the samples tested in the condition received by the laboratory. The report must not be reproduced except in its entirety unless with the laboratory's written approval. This report must not be used in any way to claim product endorsement by New York Environmental or ELAP of NYSDOH.

CLIENT:	North Shore CSD 112 Franklin Avenue Sea Cliff, NY 11579	REPORT NO.	2143242
		PROJECT NO.	40848
PROJECT:	40848 Glen Head School	SAMPLED:	07/28/14
		RECEIVED:	07/30/14
		ANALYZED:	07/30/14
		REPORTED:	08/12/14

**ANALYTICAL REPORT
FOR
TOTAL PCBs BY GC/ECD METHOD
(USEPA 8082)**

COMPOSITED SAMPLE ID: **13, 14, 15**

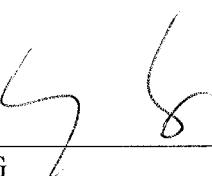
BATCH NO. **C4335-5**

MATRIX: CAULKING

SAMPLE LOCATION: **1926 Building, Exit Doors (Exterior Door Caulking)**

TYPE OF PCB	CAS NO.	RESULT (mg/kg)	MINIMUM DETECTION LIMIT (mg/kg)
PCB 1016	12674-11-2	<0.85	0.85
PCB 1221	11104-28-2	<0.85	0.85
PCB 1232	11141-16-5	<0.85	0.85
PCB 1242	53469-21-9	<0.85	0.85
PCB 1248	12672-29-6	<0.85	0.85
PCB 1254	11097-69-1	<0.85	0.85
PCB 1260	11096-82-5	<0.85	0.85


NICOLE CHEUNG
CHEMIST


LI TSANG
LABORATORY DIRECTOR

Analytical results contained in this report relate only to the samples tested in the condition received by the laboratory. The report must not be reproduced except in its entirety unless with the laboratory's written approval. This report must not be used in any way to claim product endorsement by New York Environmental or ELAP of NYSDOH.

CLIENT:	North Shore CSD 112 Franklin Avenue Sea Cliff, NY 11579	REPORT NO.	2143242
		PROJECT NO.	40848
PROJECT:	40848 Glen Head School	SAMPLED:	07/28/14
		RECEIVED:	07/30/14
		ANALYZED:	07/30/14
		REPORTED:	08/12/14

**ANALYTICAL REPORT
FOR
TOTAL PCBs BY GC/ECD METHOD
(USEPA 8082)**

COMPOSITED SAMPLE ID: **16, 17, 18**

BATCH NO. **C4335-6**

MATRIX: CAULKING

SAMPLE LOCATION: **1995 Building, Addition Building, 1st Floor (Exterior Window Caulking)**

TYPE OF PCB	CAS NO.	RESULT (mg/kg)	MINIMUM DETECTION LIMIT (mg/kg)
PCB 1016	12674-11-2	<0.74	0.74
PCB 1221	11104-28-2	<0.74	0.74
PCB 1232	11141-16-5	<0.74	0.74
PCB 1242	53469-21-9	<0.74	0.74
PCB 1248	12672-29-6	<0.74	0.74
PCB 1254	11097-69-1	<0.74	0.74
PCB 1260	11096-82-5	<0.74	0.74



NICOLE CHEUNG
CHEMIST



LI TSANG
LABORATORY DIRECTOR

Analytical results contained in this report relate only to the samples tested in the condition received by the laboratory. The report must not be reproduced except in its entirety unless with the laboratory's written approval. This report must not be used in any way to claim product endorsement by New York Environmental or ELAP of NYSDOH.

CLIENT:	North Shore CSD 112 Franklin Avenue Sea Cliff, NY 11579	REPORT NO.	2143242
		PROJECT NO.	40848
PROJECT:	40848 Glen Head School	SAMPLED:	07/28/14
		RECEIVED:	07/30/14
		ANALYZED:	07/30/14
		REPORTED:	08/12/14

**ANALYTICAL REPORT
FOR
TOTAL PCBs BY GC/ECD METHOD
(USEPA 8082)**

COMPOSITED SAMPLE ID: **19, 20, 21**

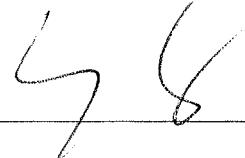
BATCH NO. **C4335-7**

MATRIX: CAULKING

SAMPLE LOCATION: **1995 Building, Addition Building, 1st Floor (Exterior Door Caulking)**

TYPE OF PCB	CAS NO.	RESULT (mg/kg)	MINIMUM DETECTION LIMIT (mg/kg)
PCB 1016	12674-11-2	<0.83	0.83
PCB 1221	11104-28-2	<0.83	0.83
PCB 1232	11141-16-5	<0.83	0.83
PCB 1242	53469-21-9	<0.83	0.83
PCB 1248	12672-29-6	<0.83	0.83
PCB 1254	11097-69-1	<0.83	0.83
PCB 1260	11096-82-5	<0.83	0.83


NICOLE CHEUNG
CHEMIST


LI TSANG
LABORATORY DIRECTOR

Analytical results contained in this report relate only to the samples tested in the condition received by the laboratory. The report must not be reproduced except in its entirety unless with the laboratory's written approval. This report must not be used in any way to claim product endorsement by New York Environmental or ELAP of NYSDOH.

Client: North Shore CSD
112 Franklin Avenue
Sea Cliff, NY 11579

Report No.: 2143904

Project No.: 40848

Project: Glen Head Elementary
7 School Street
Glen Head, NY

Sampled: 10/01/14

Received: 10/02/14

Analyzed: 10/02/14

Reported: 10/08/14

**Analytical Report for
Total PCBs by GC/ECD**
EPA Method 3550C (prep) 8082A (analysis)

Composite Sample ID	01, 02, 03	Lab Batch No.	C4768-1
Matrix:	CAULKING		
Sample Location:	Building Exterior, South Elevation (Gray Base Metal Cap Flashing Caulking)		

PCB ID	CAS No.	Result (mg/kg)	MDL (mg/kg)
PCB 1016	12674-11-2	<0.59	0.59
PCB 1221	11104-28-2	<0.59	0.59
PCB 1232	11141-16-5	<0.59	0.59
PCB 1242	53469-21-9	<0.59	0.59
PCB 1248	12672-29-6	<0.59	0.59
PCB 1254	11097-69-1	<0.59	0.59
PCB 1260	11096-82-5	<0.59	0.59

Nicole Cheung
Nicole Cheung
Chemist

Li Tsang
Li Tsang
Laboratory Director

LT:eb

The analytical results related only to the samples tested in the condition received by the laboratory. This report must not be reproduced except in its entirety unless with the laboratory's written approval.

CLIENT	North Shore	SAMPLER	Maher Abraham	SAMPLE DATE	7/28/14	
PROJECT LOCATION	Glen Head School	PROJECT ADDRESS		TUNAROUND		
PROJECT NUMBER	40848	ANALYST	WA: S Clew	DATE ANALYZED	7/30/2014	
LAB #	SAMPLE #	SAMPLE LOCATION(s)	MATERIAL SAMPLED	PCB	RESULT	MDL
1	11243	1926 Main Bldg	B95. Exterior W.C.	ND	<0.97	0.97
2	4516	1FL	↓	ND	<0.84	0.84
3	789	2nd	↓	ND	<0.05	0.05
4	10/11/12	Bas.	Window Intel cork	ND	<1.00	1.00
5	13/14/15	↓	Exit doors	ND	<0.85	0.85
6	16/17/18	1925 Add A Bldg	1FL Ext. W.C.	ND	<0.74	0.74
7	19/20/21	↓	Ext Deer Cork	PCB 1260	<0.83	0.83
					21432-2	

RELINQUISHED (PRINT)	RELINQUISHED (SIGN)	DATE	TIME	RECEIVED (PRINT)	RECEIVED (SIGN)	DATE	TIME
Maher Abraham		7/30/14	1700	WA: S Clew	WA: S Clew	7/30/14	1700

Email results to: _____

PAGE 1 of 1

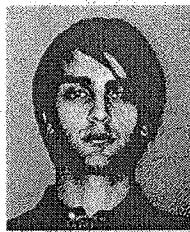
@ _____

APPENDIX B

8.0 PERSONNEL LICENSES

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S.



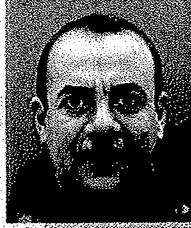
GIORGİ KABANASHVILI
CLASS(EXPIRES)
D INSP(01/16)

CERT# 06-03726

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S.



MAHER F. ABRAHAM
CLASS(EXPIRES)
C. ATEC(02/15), D. INSP(02/15),
H. PM (02/15)

CERT # 93-11399

MUST BE CARRIED ON ASBESTOS PROJECTS

APPENDIX C

9.0 LABORATORY ACCREDITATIONS

New York State - Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

New York Environmental & Analytical Laboratories, Inc.
88 Harbor Rd
Port Washington, NY 11050

FILE NUMBER: 99-0392
LICENSE NUMBER: 2865C
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 03/27/2014
EXPIRATION DATE: 04/30/2015

Duly Authorized Representative — Li Tsang

This license has been issued in accordance with applicable provisions of Article 80 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.

Eileen Franko

Eileen M. Franko, Acting Director
For the Commissioner of Labor

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2015
Issued April 01, 2014

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. LI TSANG
NY ENVIRONMENTAL AND ANALYTICAL LABS, INC.
88 HARBOR ROAD
PORT WASHINGTON, NY 11050

NY Lab Id No. 11510

Is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES-SOLID AND HAZARDOUS WASTE

All approved analytes are listed below:

Characteristic Testing

TCLP EPA 1311

Polychlorinated Biphenyls

PCB-1016	EPA 8082A
PCB-1221	EPA 8082A
PCB-1232	EPA 8082A
PCB-1242	EPA 8082A
PCB-1248	EPA 8082A
PCB-1254	EPA 8082A
PCB-1260	EPA 8082A

Sample Preparation Methods

EPA 3550C

Serial No.: 50669

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2015
Issued April 01, 2014

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. LI TSANG
NY ENVIRONMENTAL AND ANALYTICAL LABS INC
88 HARBOR ROAD
PORT WASHINGTON, NY 11050

NY Lab Id No: 11510

*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:*

Metals I

Lead, Total EPA 7000B

Miscellaneous

Asbestos In Friable Material EPA 600/M4/82/020

Asbestos In Non-Friable Material-PLM Item 198.6 of Manual (NOB by PLM)

Lead In Dust Wipes EPA 7000B

Lead in Paint EPA 7000B

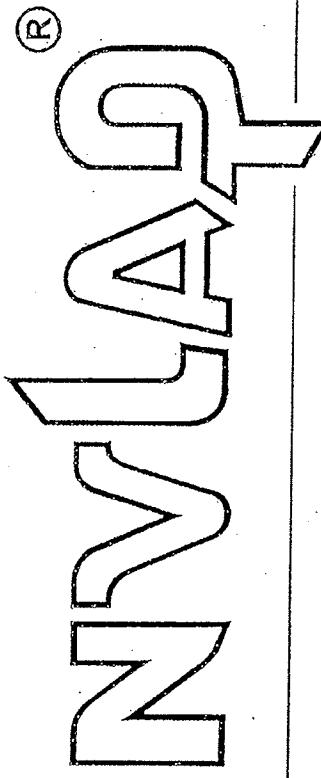
Sample Preparation Methods

EPA 3050B

Serial No.: 50670

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted; and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101967-0

NY Environmental & Analytical Labs, Inc.
Port Washington, NY

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO/ILAC-AF Communiqué dated January 2009).



2014-07-01 through 2015-06-30

Effective dates

For the National Institute of Standards and Technology



National Voluntary
Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

NY Environmental & Analytical Labs, Inc.

88 Harbor Road

Port Washington, NY 11050

Mr. Li Tsang

Phone: 516-944-9500 Fax: 516-944-9507

E-Mail: tsang@nyenvironmental.com

URL: http://www.nyenvironmental.com/

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101967-0

NVLAP Code Designation / Description

18/A01 EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2014-07-01 through 2015-06-30

Effective dates

Page 1 of 1

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2015
Issued April 01, 2014

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. GEORGE KOUVARAS
KAM CONSULTANTS
35-40 36TH ST
LONG ISLAND CITY, NY 11106

NY Lab Id No: 11273

Is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS

All approved analytes are listed below:

Polychlorinated Biphenyls

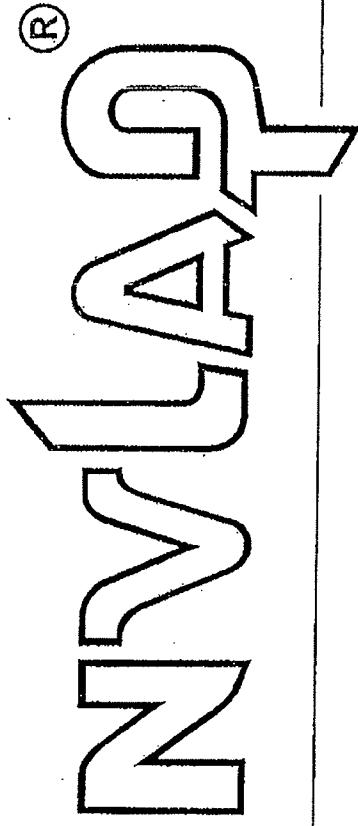
PCB-1018	EPA TO-10A
PCB-1221	EPA TO-10A
PCB-1232	EPA TO-10A
PCB-1242	EPA TO-10A
PCB-1248	EPA TO-10A
PCB-1254	EPA TO-10A
PCB-1260	EPA TO-10A

Serial No.: 50552

Property of the New York State Department of Health. Certificates are valid only at the address shown; must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 102047-0

KAM Consultants
Long Island City, NY

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

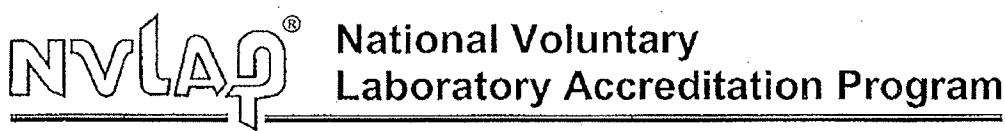
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO/IAC-IAF Communiqué dated January 2009).



2014-07-01 through 2015-06-30

Effective dates

For the National Institute of Standards and Technology



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

KAM Consultants
35-40 36th Street
Long Island City, NY 11106
Mr. George Kouvaras
Phone: 718-729-1997 Fax: 718-729-1876
E-Mail: george.kouvaras@kamconsultants.com

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 102047-0

NVLAP Code Designation / Description

18/A01 EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2014-07-01 through 2015-06-30

Effective dates

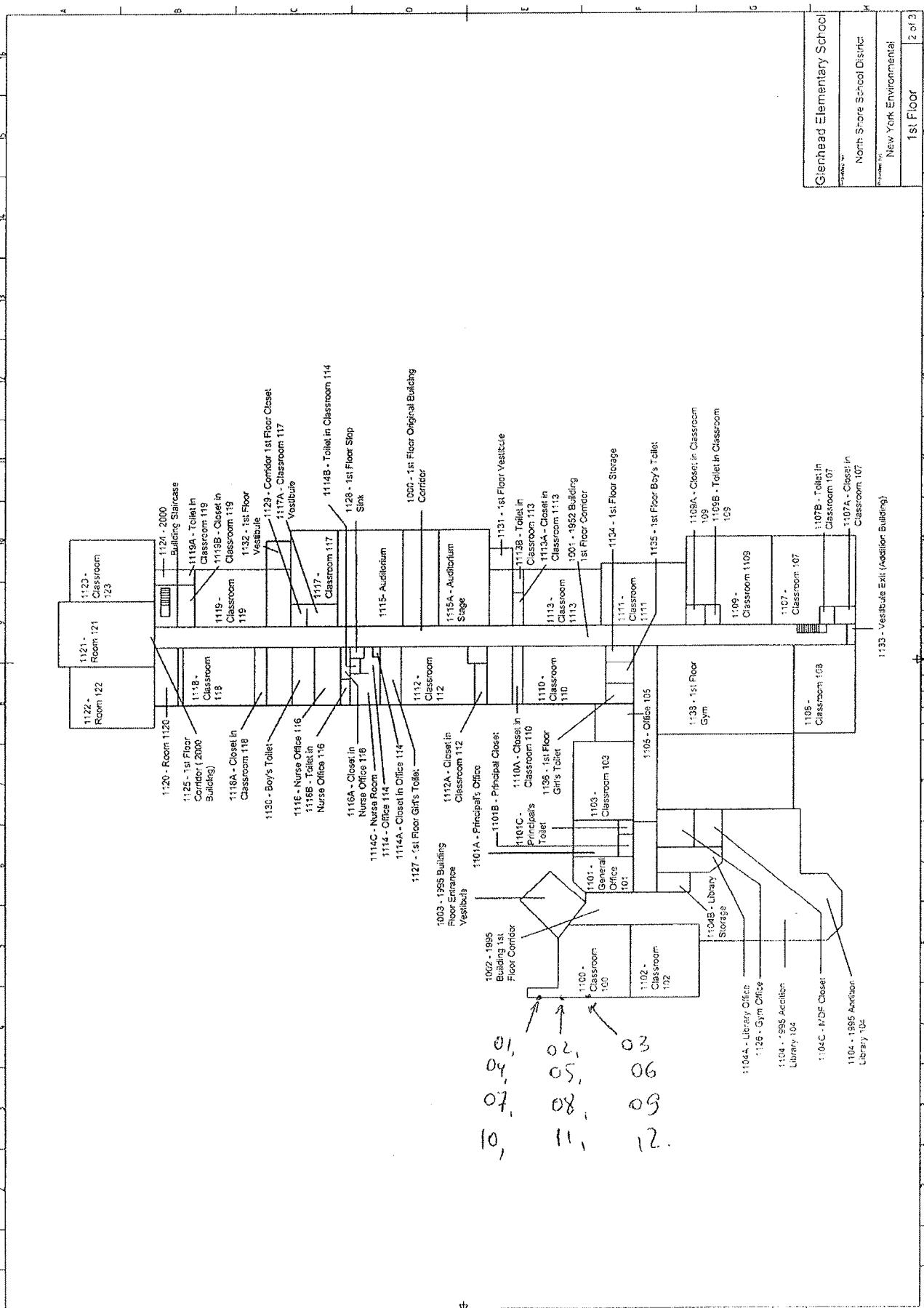
Page 1 of 1

George R. Mihell
For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

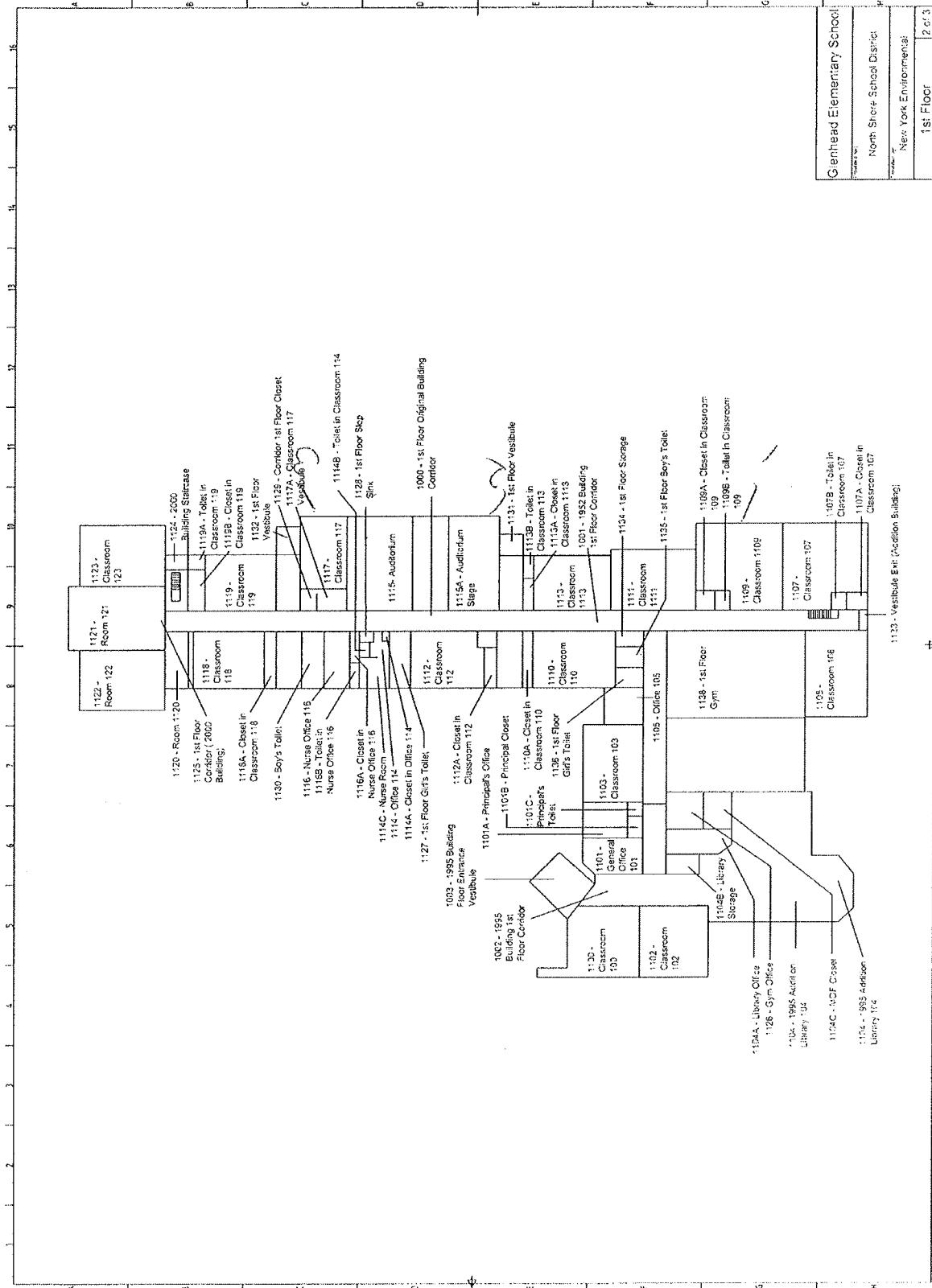
APPENDIX D

10.0 SAMPLE LOCATION DRAWING



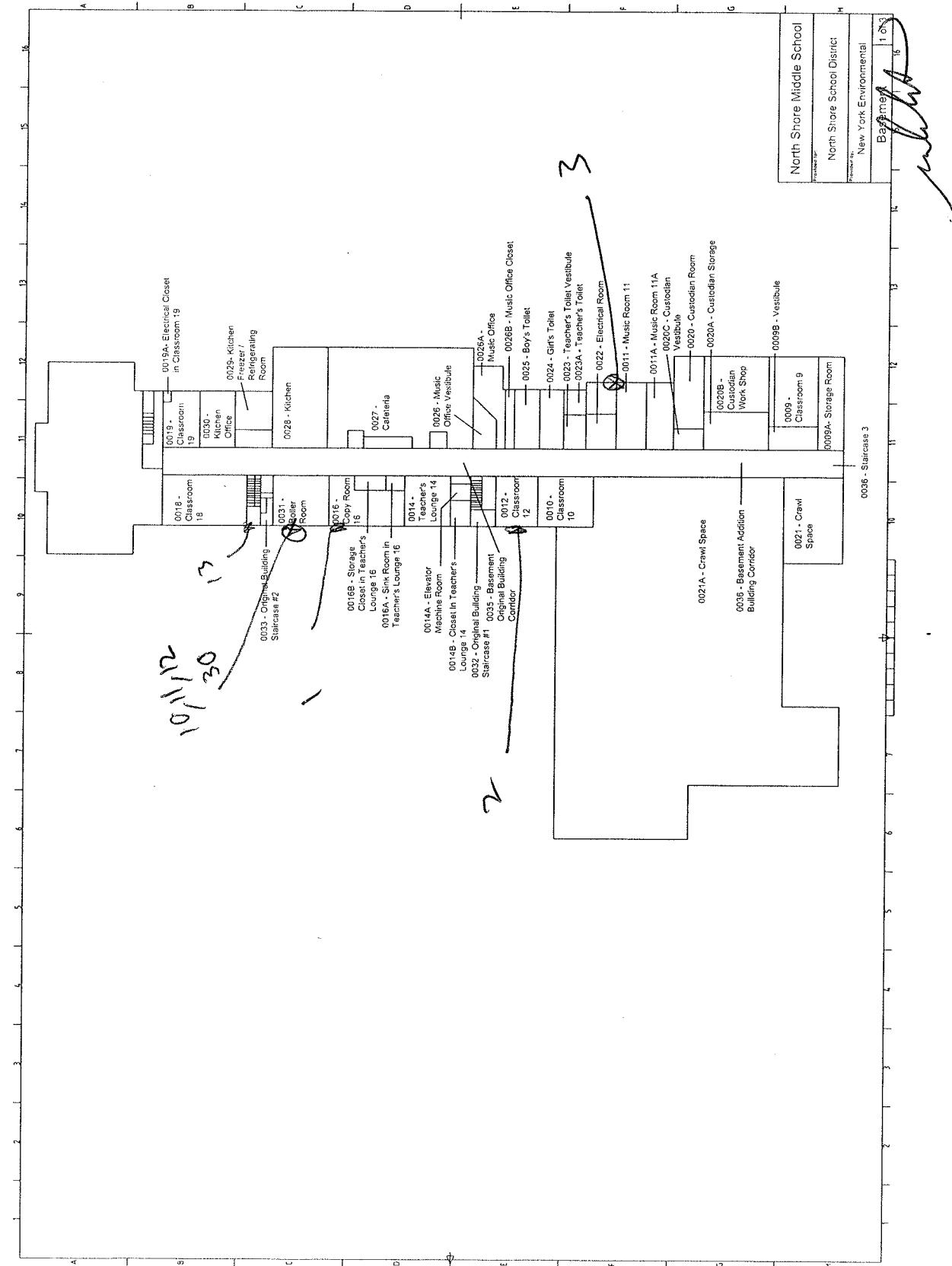
LOCATION: GLENHEAD ELEMENTARY SCHOOL
JOB#: 40848

SAMPLE LOCATION PLANS – 1st FLOOR
SAMPLE DATES: 10/6/14



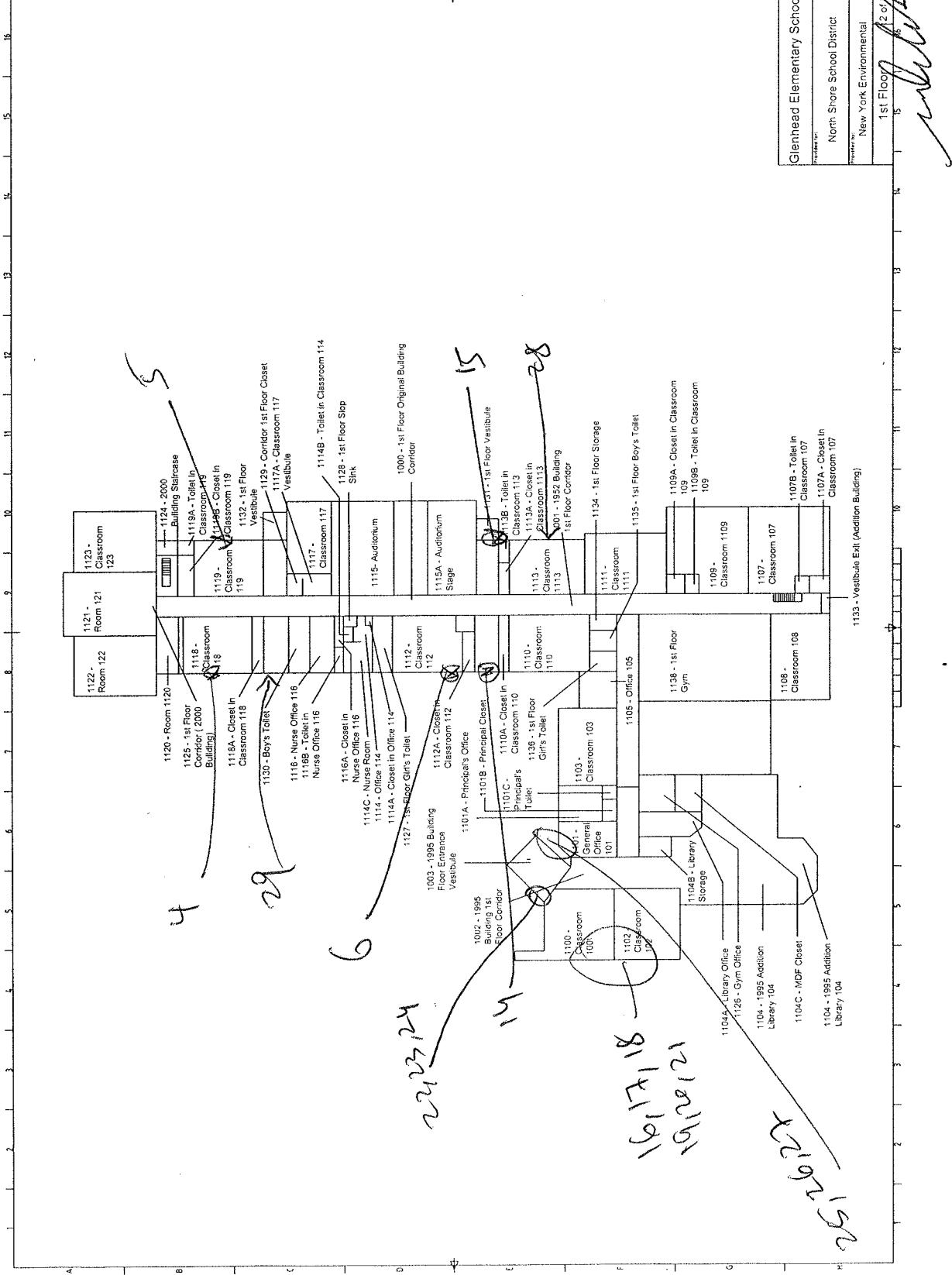
LOCATION: GLENHEAD ELEMENTARY SCHOOL
JOB#: 40848

SAMPLE LOCATION PLANS – 1st FLOOR
SAMPLE DATES: 10/1/14



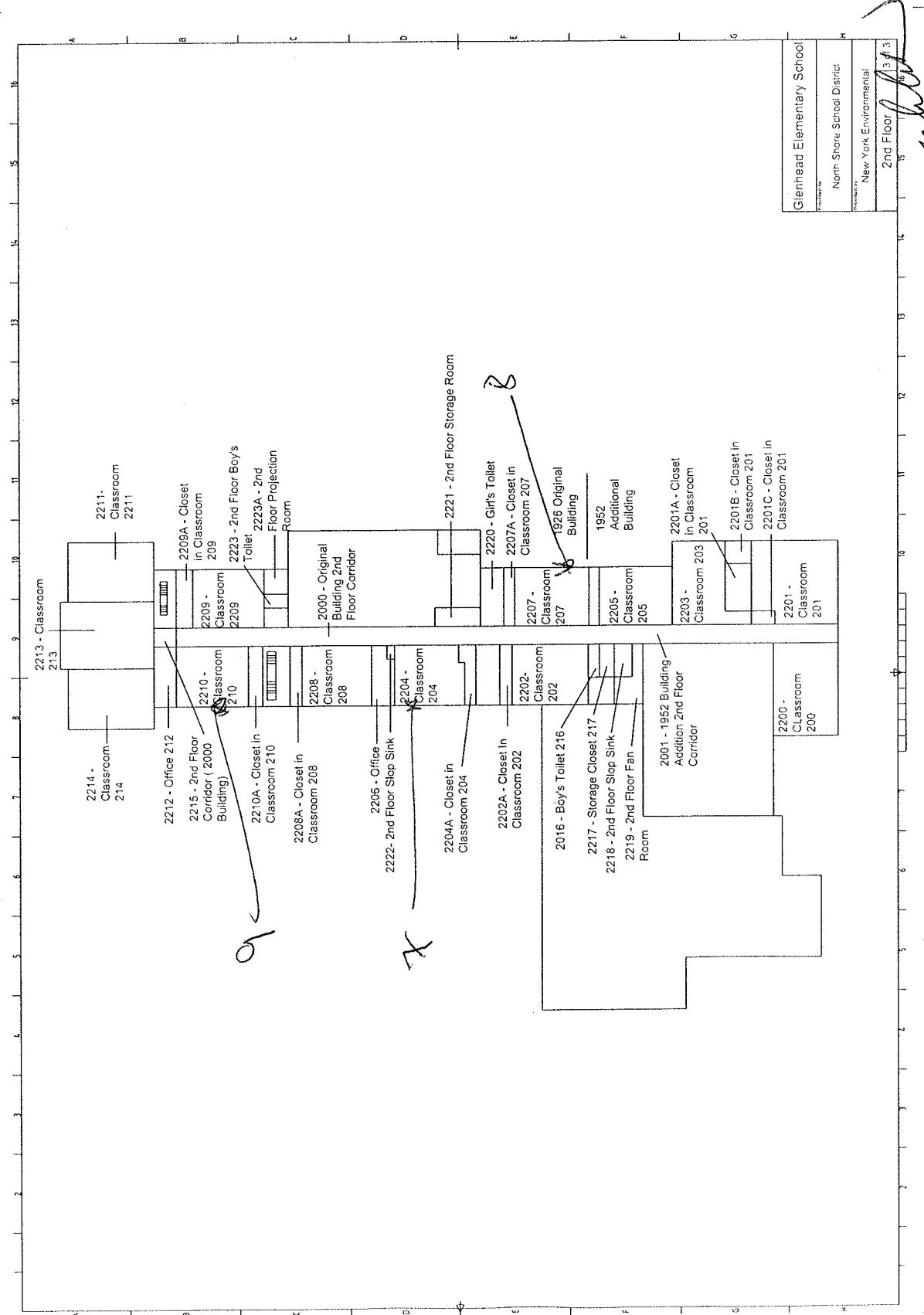
LOCATION: GLENHEAD ELEMENTARY SCHOOL
JOB#: 40848

SAMPLE LOCATION PLANS – Basement
SAMPLE DATES: 07/28/14



LOCATION: GLENHEAD ELEMENTARY SCHOOL
JOB#: 40848

SAMPLE LOCATION PLANS – 1st FLOOR
SAMPLE DATES: 7/28/14



LOCATION: GLENHEAD ELEMENTARY SCHOOL
 JOB#: 40848

SAMPLE LOCATION PLANS – 2nd FLOOR
 SAMPLE DATES: 7/28/14