REQUEST FOR PROPOSALS
Town of North Hempstead Community Development Architectural Services
Issued Date: November 16, 2023
Site Viewing: By Appointment between 10:00 AM and 4:00 PM, November 21st and 22nd, 2023 and other times if available by appointment.
Due Date and Time: December 5, 2023, 2:00PM

The Town of North Hempstead Community Development Agency (the "Agency") is requesting proposals from architects (the "Architect's, Architect or Proposer") for architectural services and related documents (the "Services, services or Documents") for substantial renovation of a mixed-use building and construction of a new two-family home (the "Project or Projects").

1. PROJECTS AND SERVICES

Project: 746 Prospect Avenue, Westbury, New York 11590, Zone B-A business use, Urban Renewal District. Existing 1940s, 1,920± square foot two-story with cellar mixed-use building on 4,944 square-foot site in disrepair with substantial deterioration. Cellar is unfinished, street-level retail is vacant, and 2nd-floor three-bedroom is occupied affordable apartment.

This is a construction rehabilitation project in connection with the Agency and Towns revitalization and economic development initiatives on Prospect Avenue in New Cassel Westbury. Therefore, design and rehabilitation of the property shall continue in those spirits as described and illustrated in the Prospect Avenue Design Guidelines, Brownfield Opportunity Area, New Cassel Vision Plan, and the New Cassel Urban Renewal Plan (the "Community Plans") "**Exhibit A**".

Renovation work and activities for this Project include preserving the existing Zone B-A mixed-use and affordable rental housing, temporary relocation and re-occupancy of 2nd-floor tenants, asbestos abatement, and a substantial renovation and improvement of the property in various permit phases and contractor-sealed bid selections over a two-year period which may include but is not limited to:

a. Energy: Where practical design and improvements shall result in a substantial reduction in carbon emissions and energy consumption, i.e., green building initiatives.

b. Exterior Closure: Exterior masonry wall/parapet restoration, new windows and doors, and replacement of 1st floor lower roof assembly.

c. Apartment Rehabilitation: stair relocation, improve living room and outdoor space Zen. Replace MEP and HVAC distribution, interior doors, kitchen, bathroom, and adjoining work.

d. Retail level Gut Rehabilitation: New storefront, MEP and HVAC systems, bathroom, warming kitchen, and futures for small commercial kitchen. Limited interior fit-out: subflooring, paint, and lighting. And improve site work, exterior passive lighting, hardscaping, and landscaping.

Survey, facade rendering, and asbestos reports with many photos (the "746 Property Documents") available in "**Exhibit B**" of this RFP.

Services: 746 Prospect services in the opinion of the Architect shall include but not be limited to:

a. Architects or engineers' letter on the integrity of exterior masonry wall and parapet. These statements are required to determine if masonry walls can safely sustain abatement and construction rehabilitation activities. Lump sum fee per statement.

b. Schematic Design Services and Documents. Lump sum fee.

c. Design Development Services and Documents. Lump sum fee.

d. Board of Zoning and Appeals representation. Hourly rate.

e. Construction Documents. Lump sum fee.

f. As needed, limited services during bidding and construction. Hourly Rate.

g. Realtor sales plan including a color perspective rendering. Lump sum fee.

h. Future interior and exterior retail store tenant fit out when a tenant is available. Provide fee arrangement.

Project: 4 Church Street, Roslyn Heights, NY 11577, Zone RC, existing nonconforming two-family. The Agency is in contract to purchase this property and is a contract vendee for changing the Zone RC to a PH Zone. Therefore, time is of the essence for the services contemplated. In addition to the zone change, the program for this property includes potential abatement of perceived asbestos, demolishing the property improvements, and constructing a new two-family energy and carbon footprint efficient, i.e., green building initiatives affordable home. Each housing unit shall consist of approximately 1,223.75 sq. ft., having 1-1/2 or 2 bathrooms and 3-bedrooms. See **"Exhibit C"** conceptual plans, and land survey for additional information on this property.

Services: 4 Church Street services, in the opinion of the Architect, shall include but not be limited to:

a. Design Development Documents based on "Exhibit B" concept plans in sufficient form and detail for application to the Building Department and Planning Board for zone change and use during Planning Board Hearing(s). Lump sum fee.

b. Planning Board and or Board of Zoning Appeals representation. Hourly rate fee.

c. Construction Documents will not be required. However, the Agency reserves the option to request a quote from the Architect under separate cover. The Architect's Documents contemplated by this RFP will be included in an Agency bid package for design-builders (the "Design Builder"). The Design-Builder selected through a future bid process may opt to hire the Architect who developed the Documents acquired through this RFP or may opt to hire an architect of their own choice who will complete the Documents for permit applications and constructing the house. Documents received by the Agency and the Architect's Document copyrights thereof shall remain property of the Architect, but also the Agency and shall be transferable to the Agency and Design Builder in CAD and PDF digital Document files at the sole discretion of the Agency for the Design Builders use in having the Documents completed to the extent and detail required for obtaining building permits and constructing the Project and likewise similar projects contemplated by the Agency.

d. As needed, limited services during bidding and construction. Hourly rate.

Project: Various Unknown Sites to be determined as the Agency onboards projects in connection with Agency programs and revitalization initiatives in Westbury and other Town of North Hempstead communities. As each Project is onboarded, a specific program and scope of work will be developed. However, the spirit of design will remain consistent with the community's desires and plans where applicable.

Services: Various Unknown Sites services may include but may not be limited to:

a. Schematic design, design development, construction documentation, and energy consults for commercial, retail, residential rehabilitation, and new construction projects.

b. Maintenance of existing conditions.

c. The Architect's existing conditions certification letters.

d. Realtor's sales plans.

e. Renderings.

f. Retail store interior and exterior design, branding, and renderings.

2. PROPOSALS:

a. Describe why your firm is qualified to provide the services sought in this RFP.

b. Provide a synopsis of the firm's organizational structure and personal or subcontractor, i.e., training, experience, and their role on the Project.

c. List most recent projects similar to the projects contemplated by this RFP. Include photos, the client's name, contact info including email, type of Project, approximate square footage, estimated construction costs, and other information beneficial to the Architect. This list shall also serve as your firm's references.

d. Describe the Architect's design philosophy and approach to how services will be carried out and how the Agency staff and Board of Directors will be engaged during the services.

e. Provide a schedule of fees per each Project, per each service, and specified fee type. If desired, provide an additional separate fee structure modified in the opinion of the Architect.

f. Provide fees for services that do not specify a "type of fee" in the opinion of the Architect.

g. Provide a schedule of customarily standard reimbursable costs.

h. Describe and provide the fee for other services or business arrangements the Architect may provide that are not requested in this RFP. This would include services that may be required for the Architect to perform their services, or which may be an option the Architect finds beneficial to the projects. Indicate if the service is required or optional and or if subcontracted.

i. Provide "**Exhibit D"** proposer's qualification statements and acknowledgement of addenda, if any.

j. Provide three (3) copies of a written proposal and one (1) digital copy on USB in 8-1/2" x 11" format.

3. QUESTIONS, REGISTRATION, SITE VIEWINGS, ADDENDA AND SUBMISSION OF PROPOSALS

Questions, registration, site viewings, addenda, and submission of proposals may be emailed to:

Joseph Santamaria, Assistant Executive Director
Town of North Hempstead Community Development Agency
51 Orchard Street, Roslyn Heights, NY 11577
cdadepartment@northhempsteadny.gov

a. **Registration: Registering for this RFP is mandatory**. Register by submitting your statement of interest and contact information to the above email address as soon as practical.

b. **Questions:** Submit questions to the above email address any time up until two business days before the Proposal is due.

c. **Site Viewings** are not mandatory but are highly recommended. Site Viewing appointments will be available between 10:00 AM and 4:00 PM, November 21st and 22nd, 2023 by appointment, other times by appointment also if available. Submit requests for viewing appointment to above email address.

d. **Addenda** will be available on the Agency website at https://www.northhempsteadny.gov/CDA-RFPs . It is incumbent on those interested in this RFP and those registered for this RFP to check the website for updates or addenda.

e. **Proposal Submission** required on or before 2:00 PM December 5, 2023. Submit the Proposal to the above email address and or USB and hard copy in a sealed envelope to the above address postmarked by the designated email submission date and time. If submitting by email on or before 2:00 PM December 5, 2023, USB and hard copy may be provided latter.

4. LONGEVITY OF PROPOSALS:

The Proposal may be withdrawn at any time prior to the date specified as the closing date for acceptance. However, no Proposal may be withdrawn or canceled for sixty (60) days following the date for submission. Additionally, no successful Proposer may withdraw, cancel, or modify their Proposal after notification that their Proposal has been selected.

5. EVALUATION OF PROPOSALS:

The Agency will evaluate each Proposal with emphasis on the following factors:

a. Demonstrated successful, relevant experience on other projects of comparable value and scope.
b. Reasonableness of fees and fee structure.
c. Quality of responsiveness.
d. Accessibility to project sites and availability to expedite services.
e. New York State Certified Minority and Woman Owned Business Enterprise and Service-Disabled Veteran Owned Business status.

6. RIGHT OF REJECTION BY THE TOWN:

The Agency reserves the right to select one or more than one respondent that best meets the requirements of the RFP. The Agency reserves the right, for any or no reason and in its sole and absolute discretion, to (1) amend, in whole or part, this RFP, (2) withdraw or cancel this RFP, accept any or all proposals in whole or in part, and (4) accept or reject any or all Proposals prior to execution of the contract for the Project for any or no reason and with no penalty to the Agency.

7. NOTICE OF AWARD:

The Agency shall inform the Awardee that they have been selected by means of a Notice of Award issued by the Agency. Neither the selection of a respondent as the Awardee nor the issuance of a Notice of Award shall constitute a binding commitment to enter into any contract with the Awardee, as any binding arrangement must be set forth in definitive documentation negotiated between and signed by the Awardee and the Agency.

8. CONTRACT:

The Agency intends to enter contract with the firm or firms selected (hereinafter, the "Contract") in a form and content satisfactory to the Agency. The Agency reserves the right to negotiate the terms and conditions of the Contract(s) with the selected Proposer(s), if any. These negotiations shall include all aspects of Services and fees.

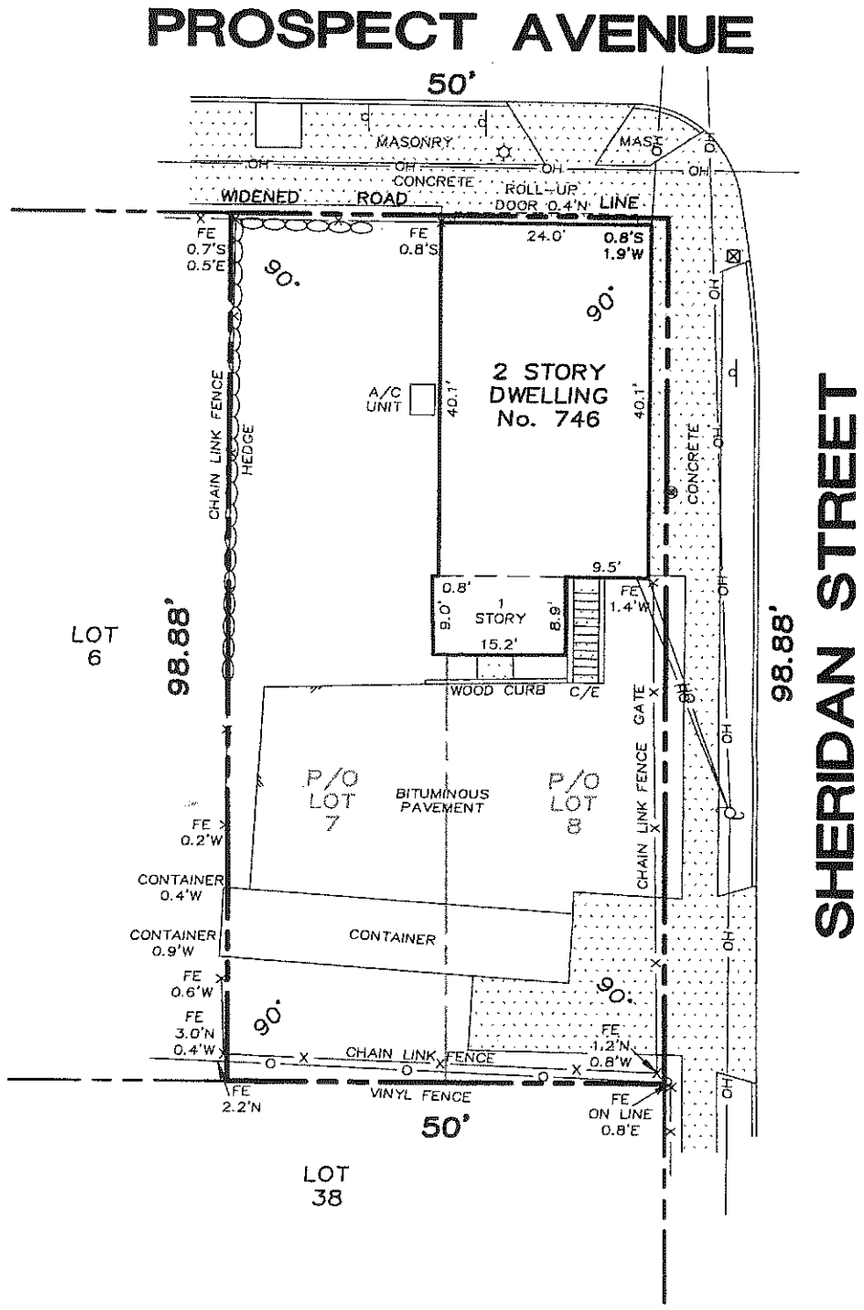
Exhibit A

Community Plans:
https://www.northhempsteadny.gov/Special-Projects-Initiatives

Exhibit B

746 Prospect Ave Property Documents

Certifications indicated hereon signify that this plat of the property depicted hereon was made in accordance with the existing Code of Practice for Land Surveyors adopted by the New York State Association of Professional Land Surveyors. This certification is only for the lands depicted hereon and is not certification of title, zoning or freedom of encumbrances. Said certifications shall run only to the persons and/or entities listed hereon and are not transferable to additional persons, entities or subsequent owners.



LM: SURVEY
VIEW: SURVEY

The offsets or dimensions shown from structures to the property lines are for a specific purpose and use, and therefore, are not intended to guide in the erection of fences, retaining walls, pools, patios, planting areas, additions to buildings and any other construction. Subsurface and environmental conditions were not examined or considered as a part of this survey. Easements, Rights-of-Way of record, if any, are not shown. Property corner monuments were not placed as a part of this survey.

Barrett Bonacci & Van Weele, PC
Engineers • Surveyors • Planners
175A Commerce Drive Hauppauge, NY 11788
T 631.435.1111 F 631.435.1022
www.bbvpc.com

Certified to: Title No.: 26845-HA-N

TOWN OF NORTH HEMPSTEAD COMMUNITY DEVELOPMENT AGENCY
HOME ABSTRACT CORP.
FIRST AMERICAN TITLE INSURANCE COMPANY

Tax Map: SECTION 11 BLOCK 90 LOT 48
Map of: 2nd MAP OF THE CITY OF NEW CASSEL
Map Lot: P/O 7 & 8 Map Block: 90
Filed: 04/22/1892 No.: 14 County: NASSAU
Situate: WESTBURY, TOWN OF NORTH HEMPSTEAD

Revision	By	Date

Surveyed by: C.S. Drafted by: B.W. Checked by: C.W.
Scale: 1" = 20' Date: OCTOBER 28, 2019

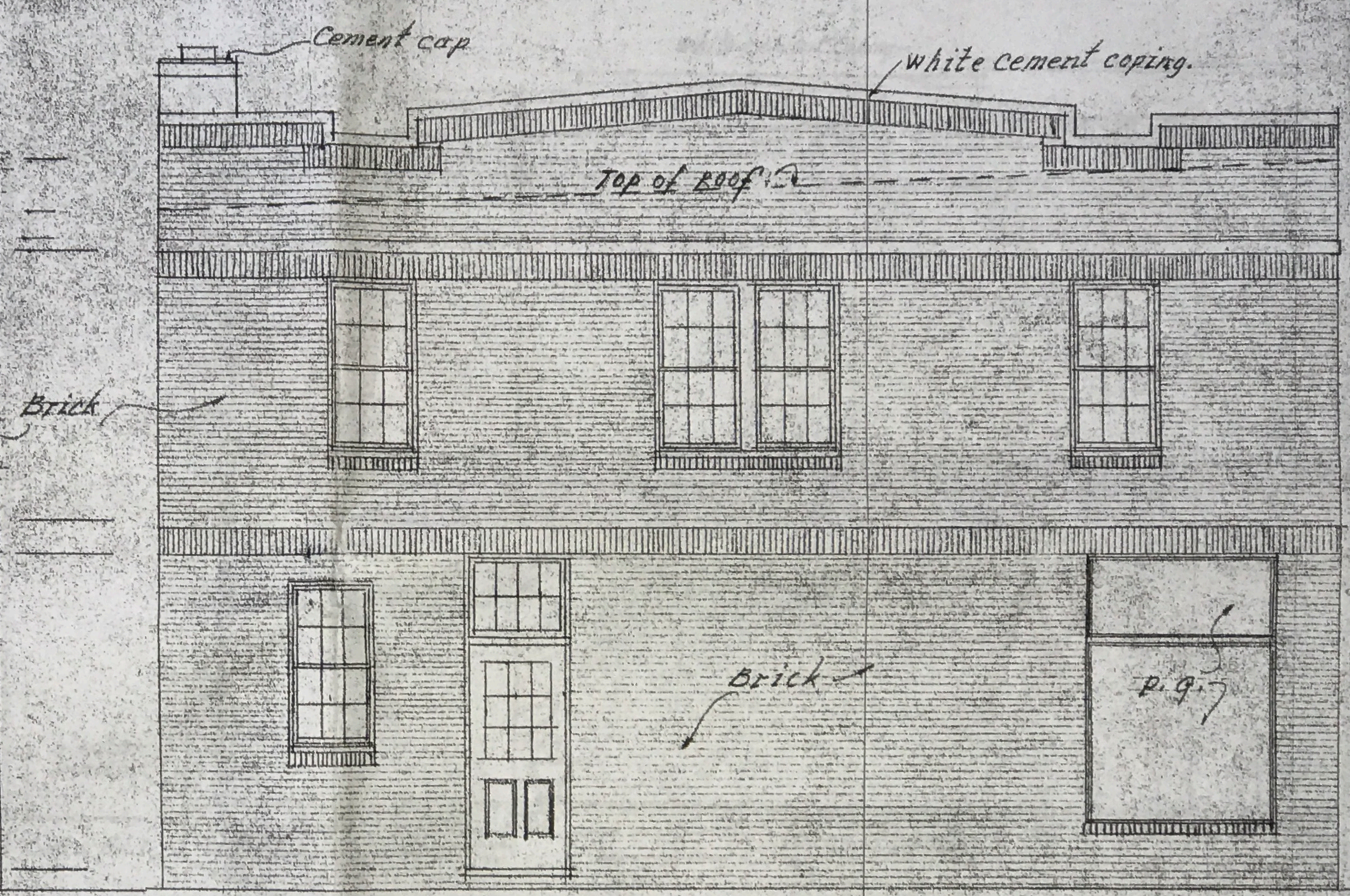
Unauthorized alteration or addition to this survey is a violation of Section 7209 of New York State Education Law

Copies of this survey map not bearing the land surveyor's embossed seal and signature shall not be considered to be a true and valid copy

Project No.: A190618

K:\Da19\A190618\DWG\A190618.dwg, 10/30/2019 11:56:07 AM, BNW


DELI & GROCERY



FRONT- ELEVATION

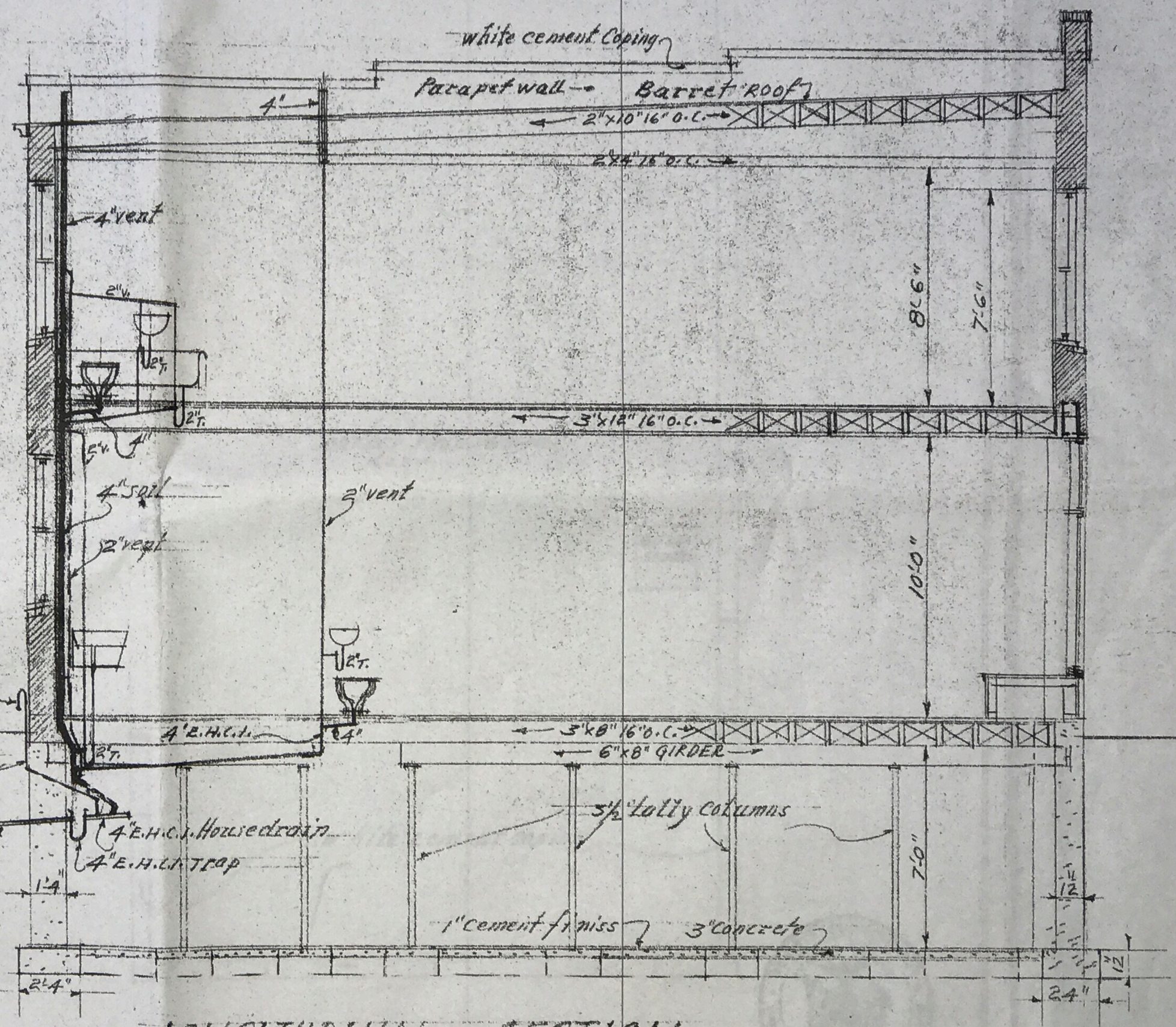
SIDE- ELEVATION

REGISTERED ARCHITECT
SVANTE PERSON
No. 2005
UNIVERSITY OF THE STATE OF NEW YORK

7.21.36	S. Person Architect 37 Linden Ave. Floral Park L.I.	3618

Scale 1/4"=1'0"

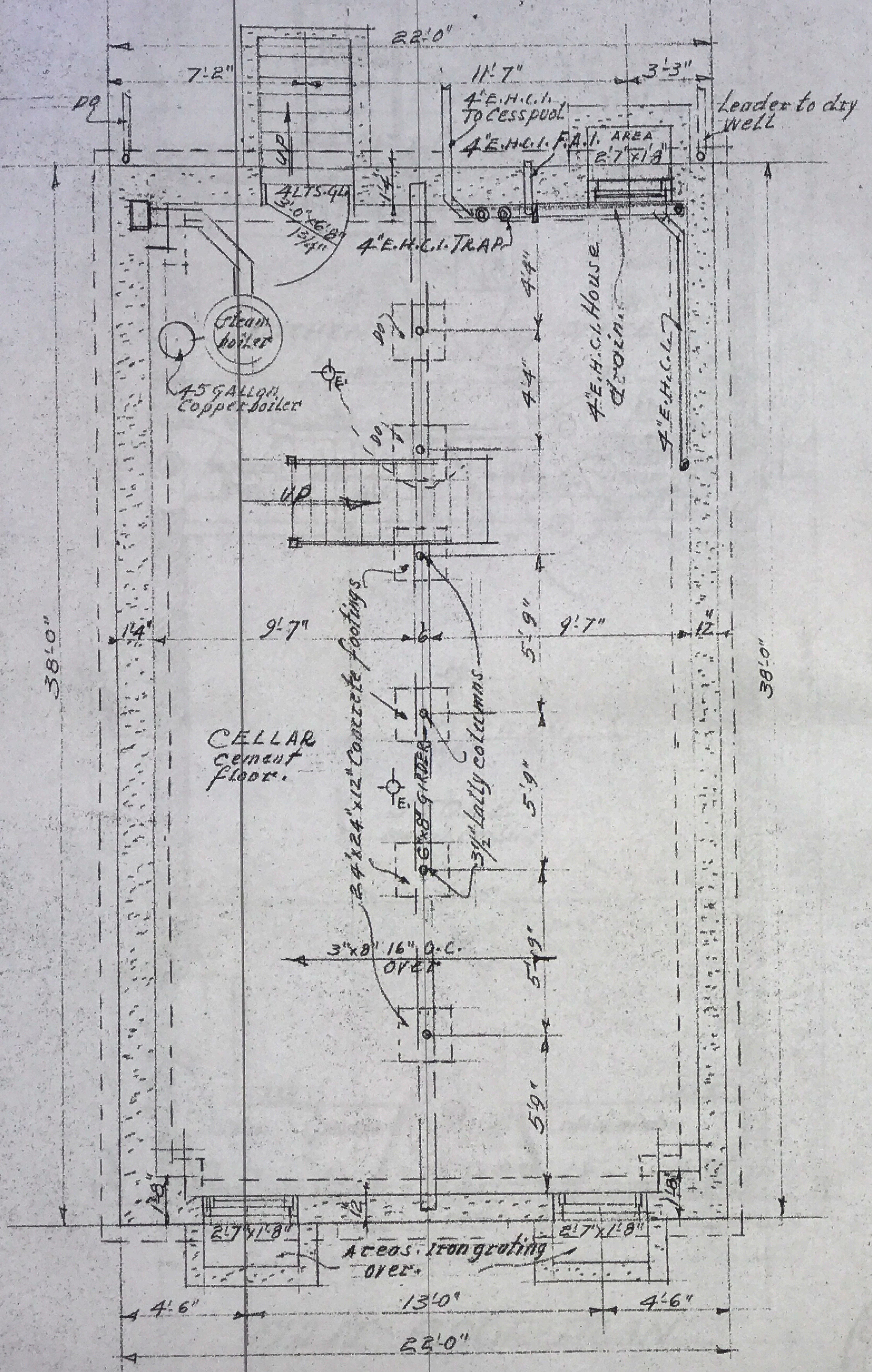
REAR-ELEVATION



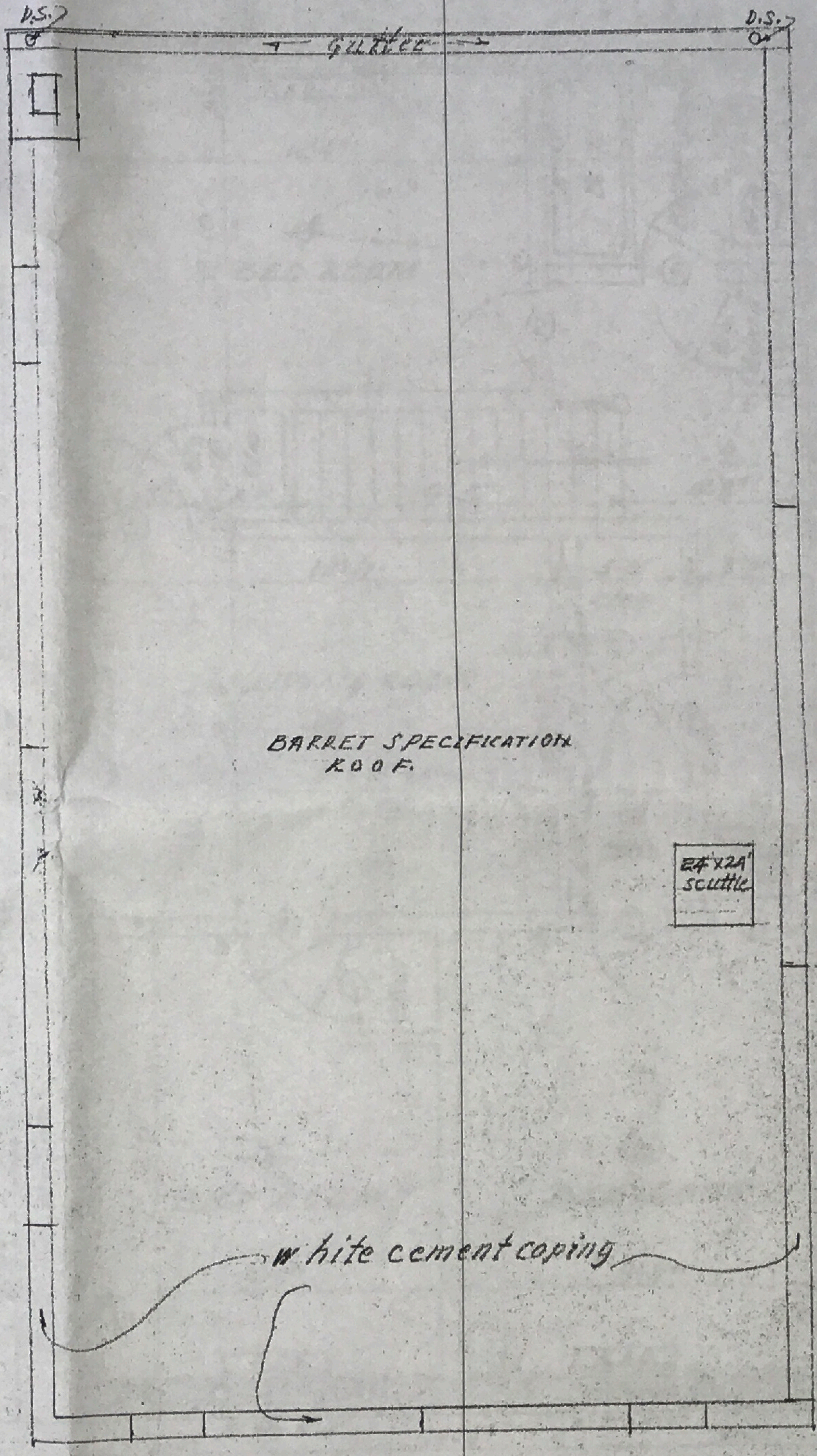
LONGITUDINAL-SECTION

REGISTERED ARCHITECT SVANTE PERSON N.C. 2008 UNIVERSITY OF THE STATE OF NEW YORK

7.21.36	L. Person Architect 37 Linden Ave. Floral Park L.I.	3618
	Scale 1/4"=1'-0"	



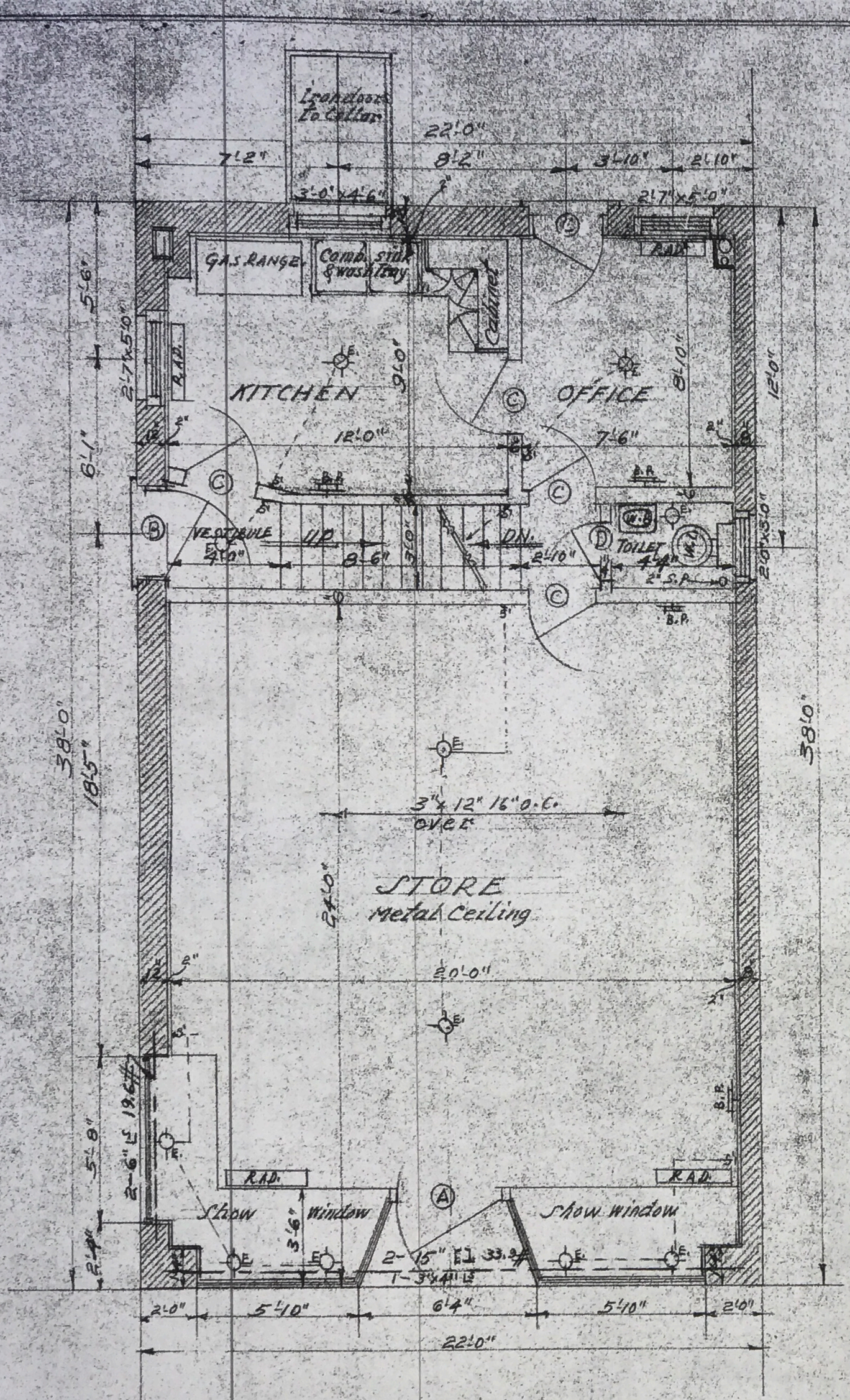
CELLAR-PLAN



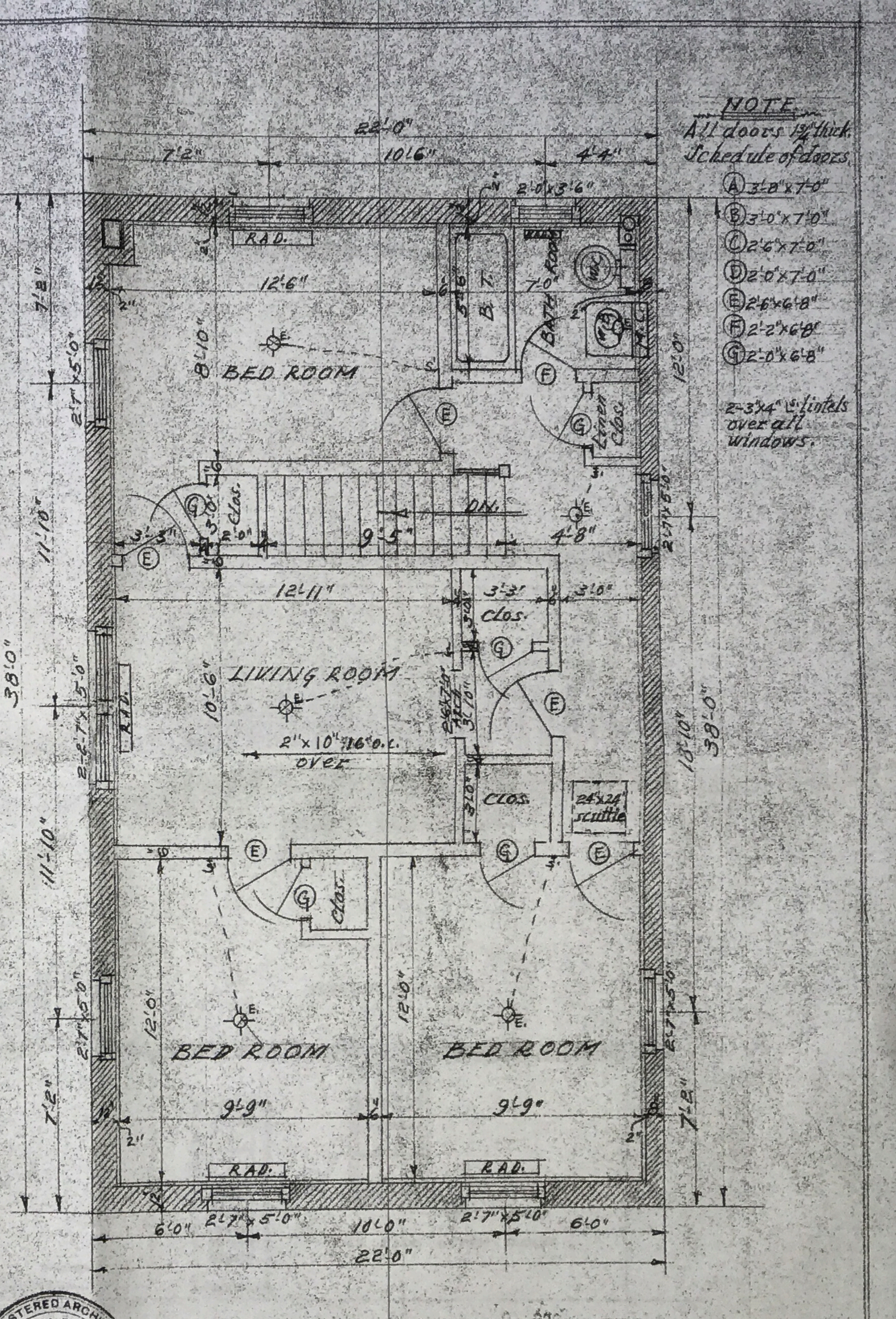
ROOF - PLAN

REGISTERED ARCHITECT · SVANTE PERSON · No. 2008 · UNIVERSITY OF THE STATE OF NEW YORK

7.21.36	S. Person Architect. 37 Linden Ave, Floral Park L.I.	3618
	Scale 1/4"=1'0"	



FIRST-FLOOR-PLAN



SECOND-FLOOR-PLAN

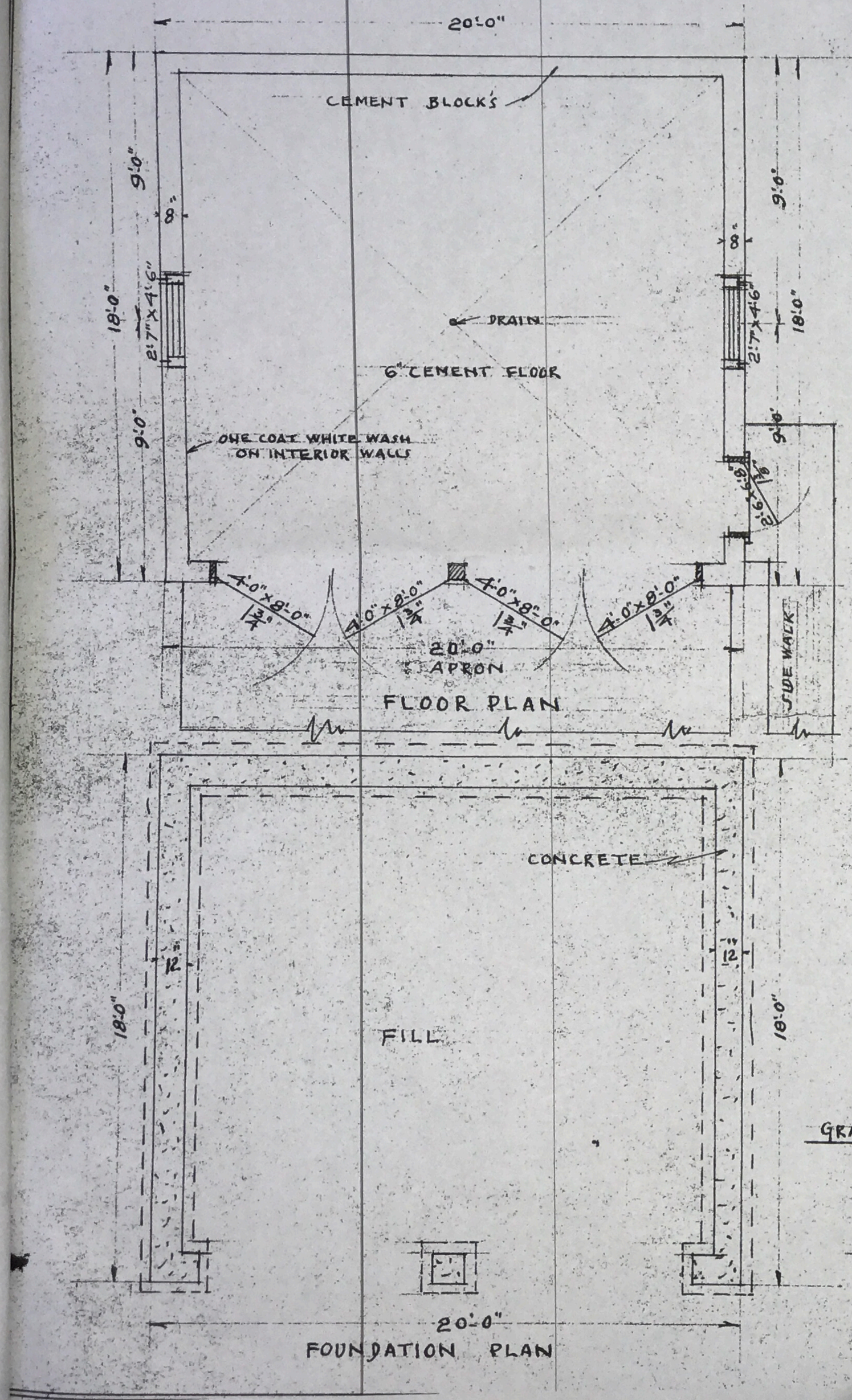
NOTE.
All doors 1¾" thick.
Schedule of doors.

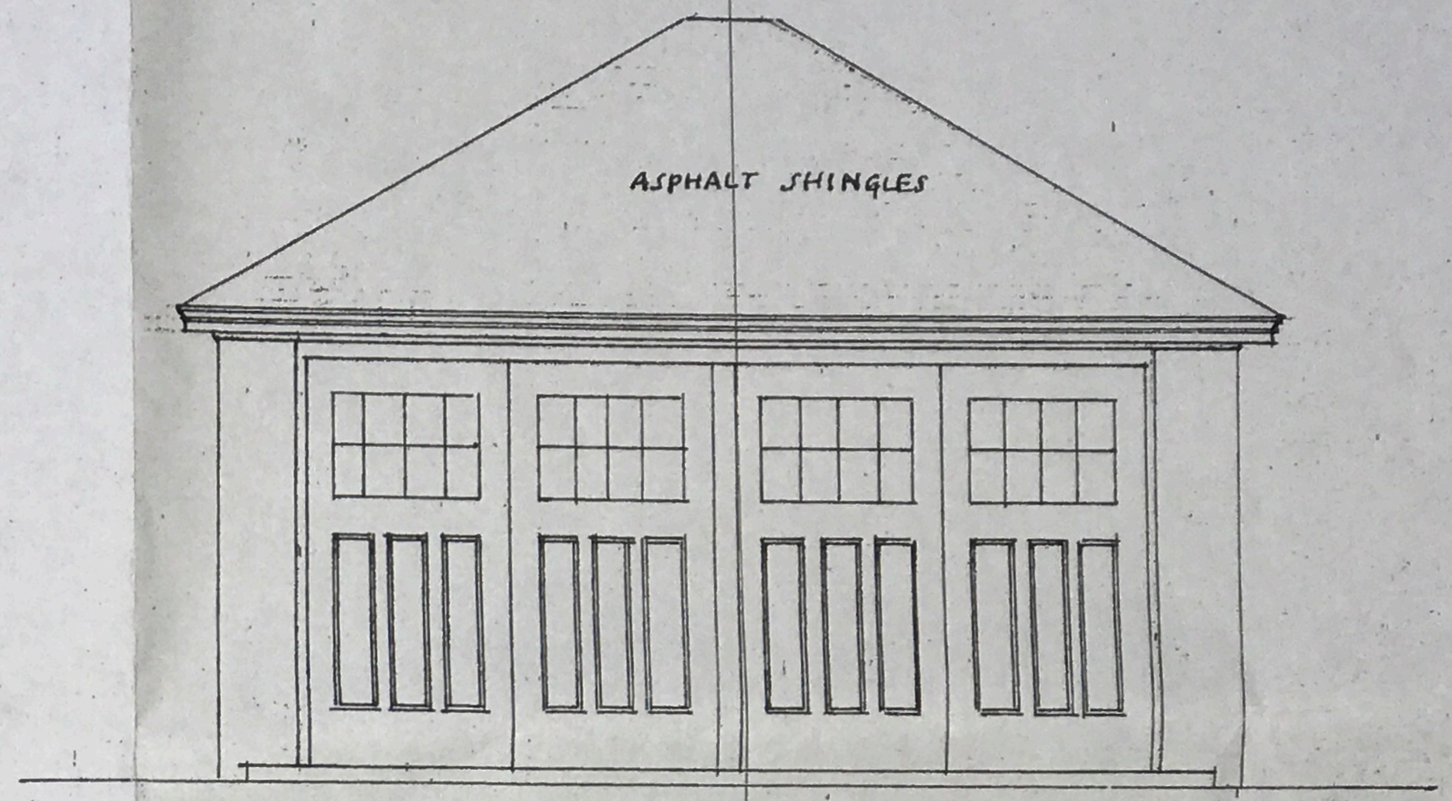
- (A) 3'-8"x7'-0"
- (B) 3'-0"x7'-0"
- (C) 2'6"x7'-0"
- (D) 2'-0"x7'-0"
- (E) 2'6"x6'8"
- (F) 2'-2"x6'8"
- (G) 2'-0"x6'8"

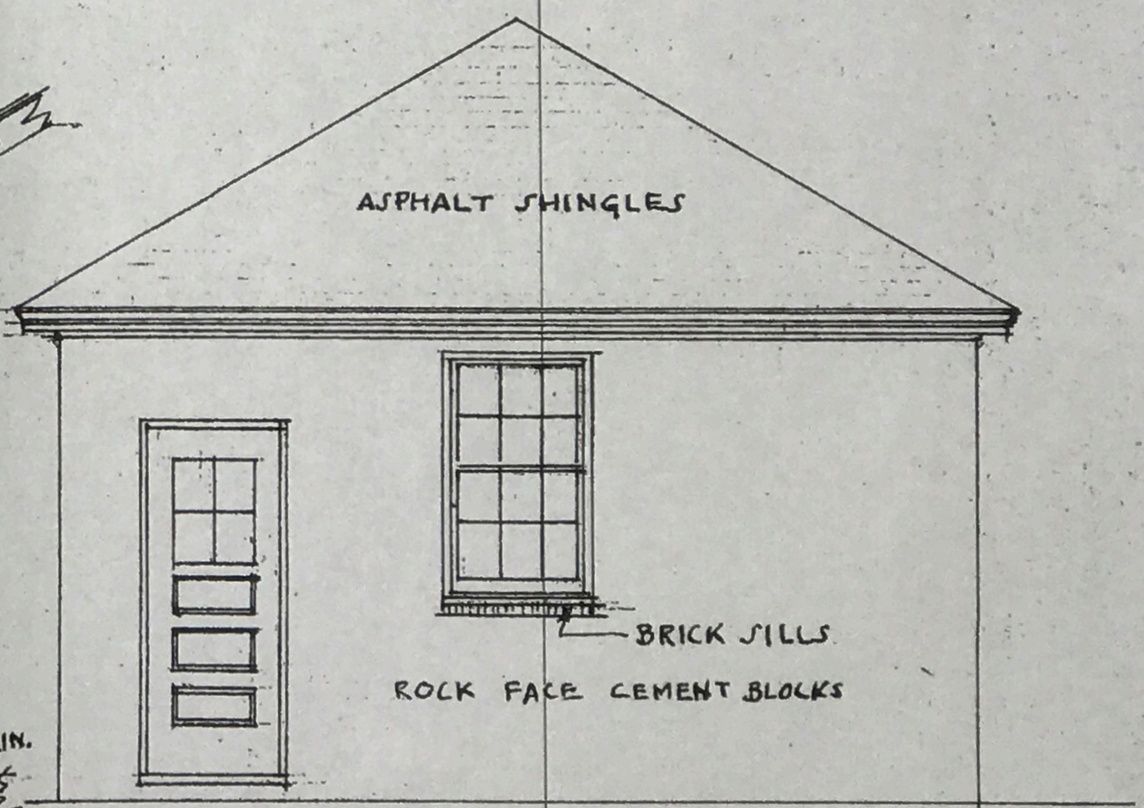
2-3½"x3½" L. lintels over all windows.

7.21.36	S. Person Architect 37 Linden Ave. Floral Park L.I.	3618

Scale ¼"=1'-0"

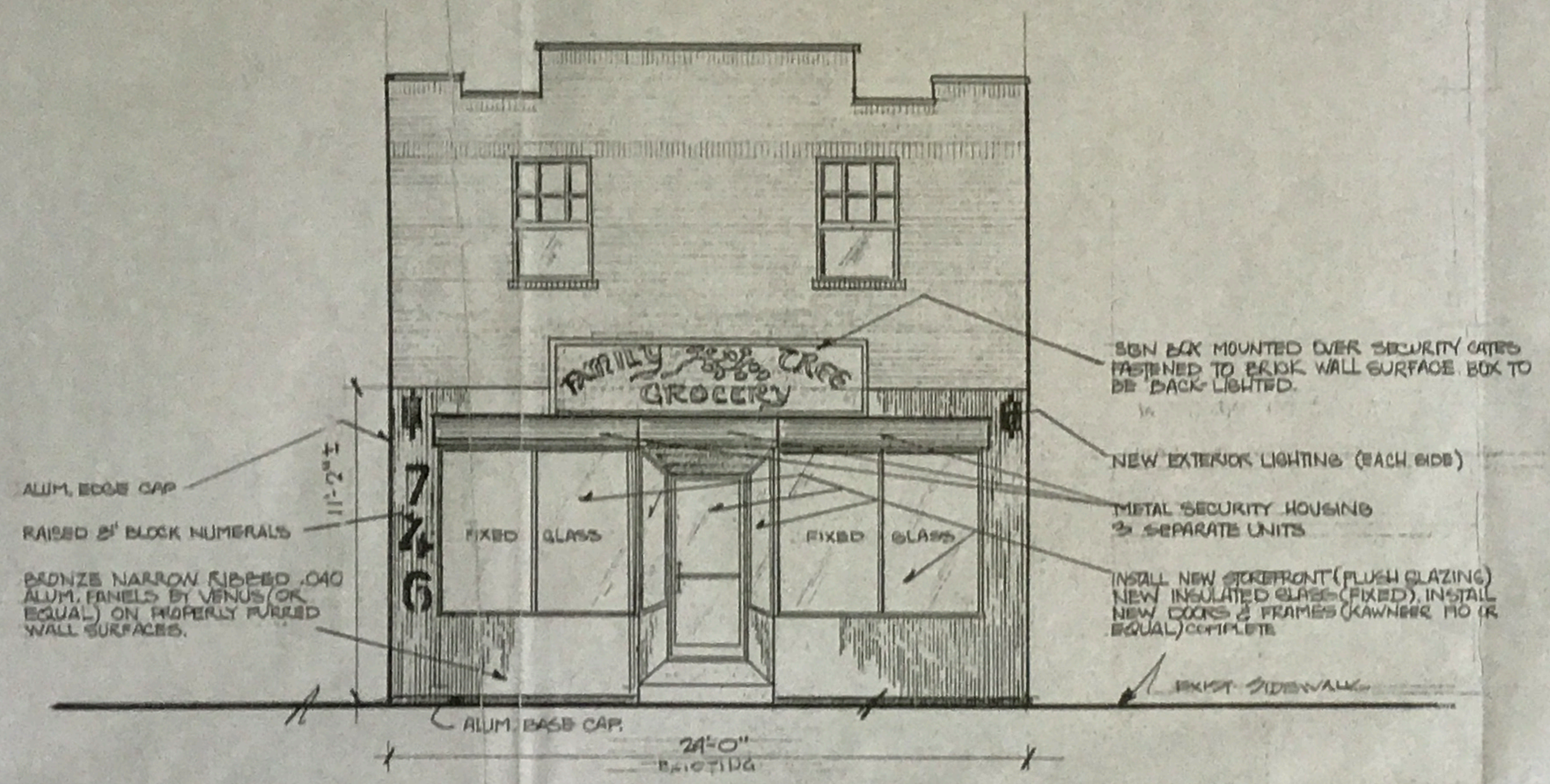






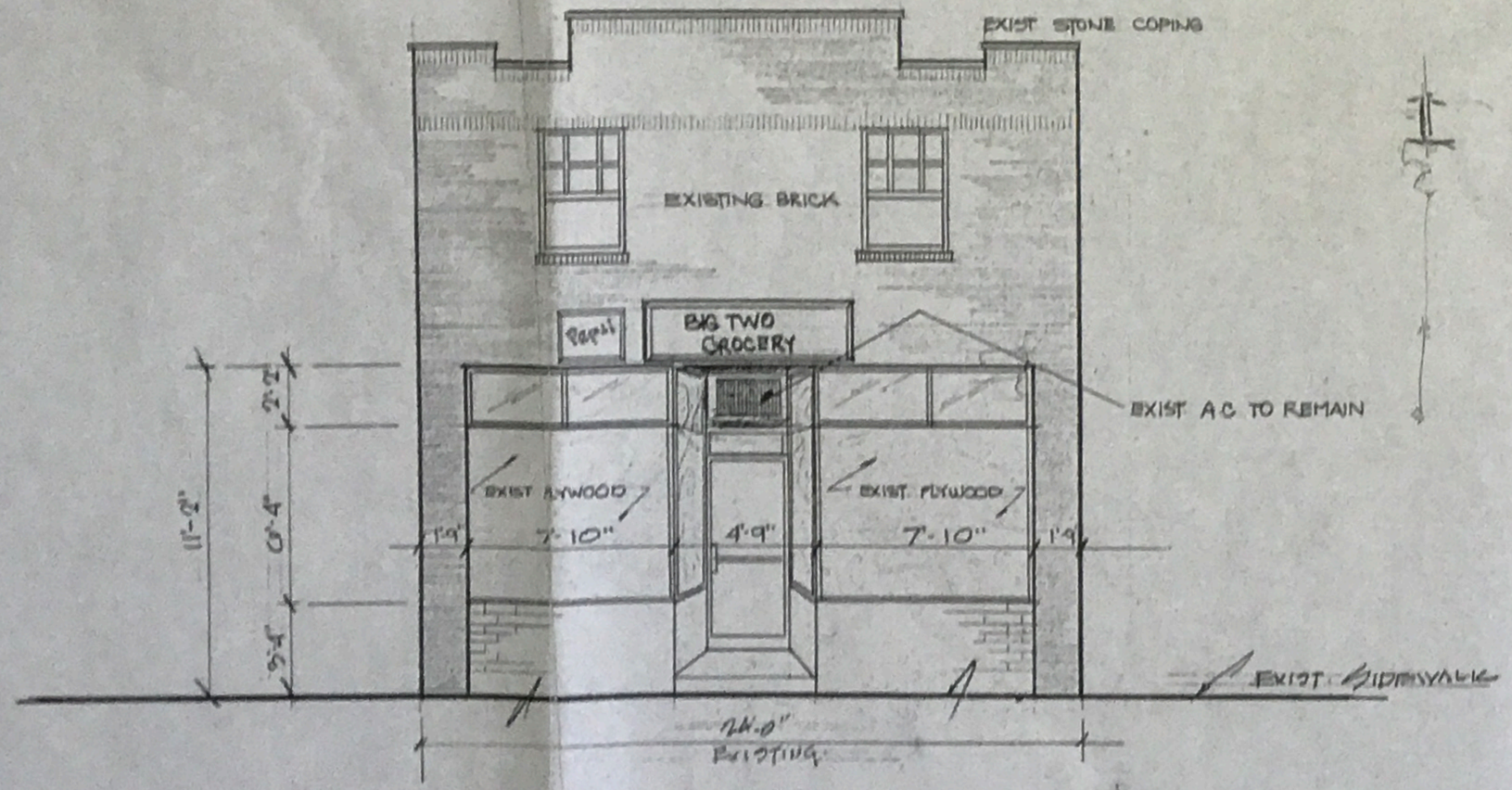
S. PERSON R.A.
37 LINDEN AVE.
FLORAL PARK, L.I.

SCALE ¼"=1'-0"



FRONT ELEVATION (PROPOSED PROSPECT AVE)

1/4" = 1'-0"

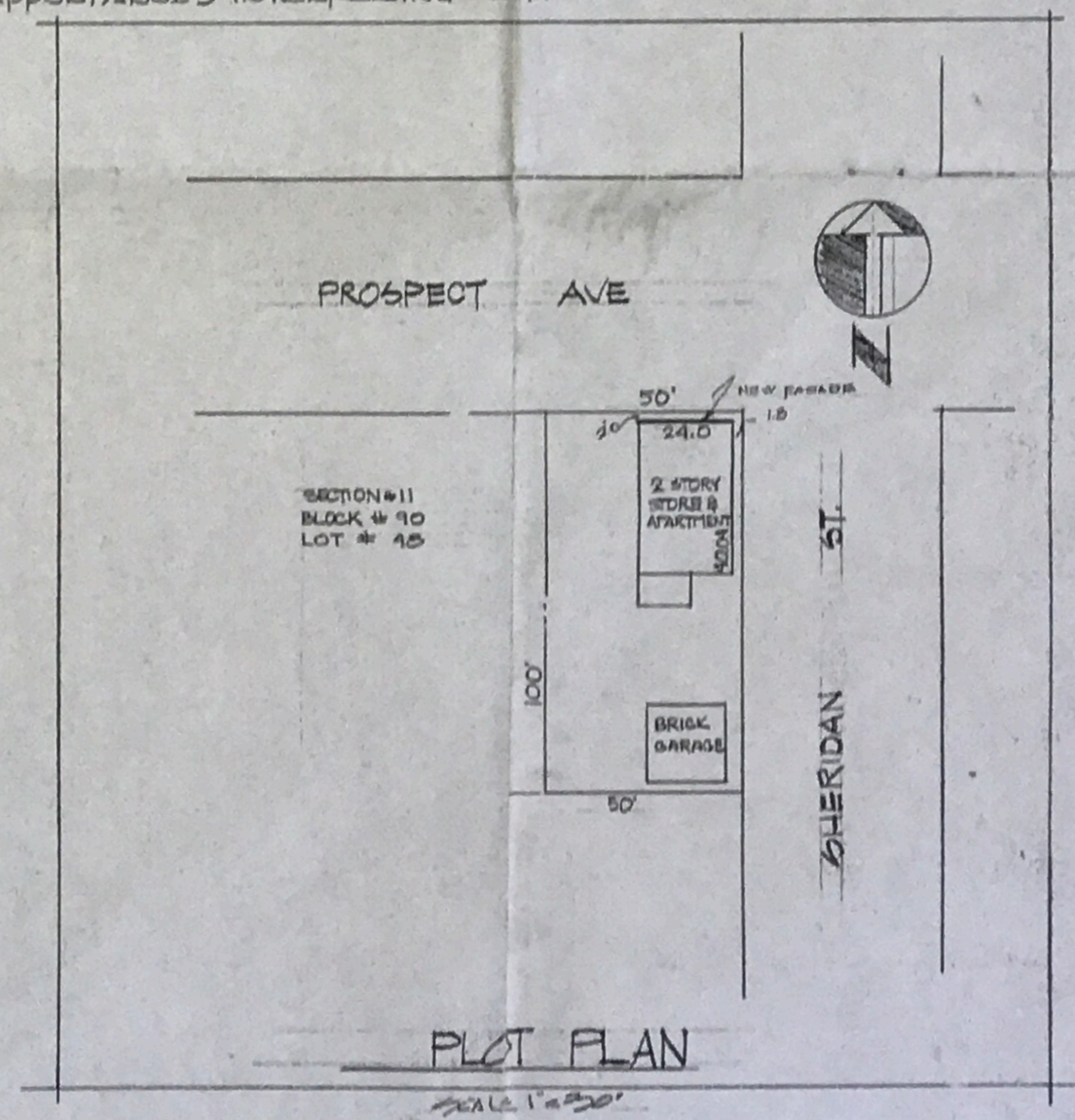


FRONT ELEVATION (EXISTING)

1/4" = 1'-0"

GENERAL NOTES

1. ALL WORK TO CONFORM TO THE RULES AND REGULATIONS OF THE TOWN OF NORTH HEMPSTEAD BUILDING DEPARTMENT, THE NEW YORK STATE BUILDING CONSTRUCTION CODE AND THE REQUIREMENTS OF THE TOWN OF NORTH HEMPSTEAD COMMUNITY DEVELOPMENT AGENCY.
2. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL FIELD MEASUREMENTS OF EXISTING CONDITIONS ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CDA INSPECTOR BEFORE COMMENCING WORK.
3. DIMENSION FIGURES SHALL BE TAKEN IN PREFERENCE TO SCALING DRAWINGS.
4. CONTRACTOR TO OBTAIN REQUIRED PERMITS AND CERTIFICATES
5. CONTRACTOR TO REMOVE EXISTING CONSTRUCTION AND SIGN HOUSING AS DIRECTED.
6. REMOVE EXISTING FACE MATERIALS, WINDOW UNITS & FRAMES, DOOR & FRAMES WITH CARE SO AS NOT TO DISTURB ADJOINING AREAS THAT ARE TO REMAIN.
7. CONTRACTOR SHALL COORDINATE ALL SCHEDULING OF WORK WITH OWNER AND CDA INSPECTOR.
8. PROVIDE WATERTIGHT SEAL AT ALL SURFACE MATERIALS INSTALLED TO EXISTING SUBSURFACES.
9. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SAMPLES OF ALL DOORS, WINDOW UNITS, SIGN AND FACADE DESIGN AS TO METHOD OF INSTALLATION FOR PRIOR APPROVAL BY CDA
10. ALL EXISTING FIXTURES, CONDUIT OUTLETS, RECEPTACLES AND ANY OTHER APPURTANCES INTERFERING WITH NEW WORK SHALL BE REMOVED AND RELOCATED AS DIRECTED IN FIELD.
11. IT IS THE INTENTION OF THESE DRAWINGS AND SPECIFICATIONS TO SHOW THE REQUIREMENTS FOR A COMPLETE WORKMANLIKE PROJECT EVEN THOUGH EVERY DETAIL MAY NOT BE SHOWN ON DRAWINGS
12. REPAIR ALL EXISTING SURFACES IN AREAS AFFECTED BY NEW SIDE FRONT FACADE WORK (INTERIOR & EXTERIOR).
13. UNLESS OTHERWISE NOTED THE PROPERTY OWNER IS RESPONSIBLE FOR ALL ELECTRICAL SECURITY SYSTEMS.
14. REMOVE ALL EXISTING CONSTRUCTION MATERIALS, DOORS, PREPAIR ALL DAMAGED WALL SURFACES, ETC, PRIOR TO ANY CONSTRUCTION FACADE MATERIAL INSTALLATION.



PLOT PLAN

SCALE 1"=30'

THOMAS H. CLARKE
INSPECTOR
JUN 13 1980
EXAMINED and RECOMMENDED for APPROVAL

PROJECT:
TOWN OF NORTH HEMPSTEAD - CDA
FACADE IMPROVEMENT, NEW CASSEL N.Y.
PROSPECT AVENUE
OWNER: JAMES NOLEN & LONNIE HARRIS

DATE 5/10/80	DRAWN BY TS & JCW	SCALE/AS NOTED	PROJECT BY EXO-16

PRE-CONSTRUCTION ASBESTOS SURVEY REPORT

Prepared For:

TOWN OF NORTH HEMPSTEAD COMMUNITY DEVELOPMENT AGENCY
977 Hicksville Road,
Massapequa, NY 11778

Site:

746 Prospect Avenue, Westbury, NY 11590

Prepared by:

ATC GROUP SERVICES LLC
104 East 25th Street, 8th Floor
New York, NY 10010
ATC Project #Z214NH0004

February 4, 2022

TABLE OF CONTENTS

EXECUTIVE SUMMARY

Town of North Hempstead Community Development Agency (the Client) contracted Atlas Technical Consultants, dba ATC Group Services LLC (ATC) to perform a limited asbestos survey at 746 Prospect Avenue, Westbury, NY 11590 (the Site). As per requested by the Client, this asbestos survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at the Site. This report presents the findings from the limited asbestos survey ATC conducted at the Site, as per the scope of work specified by the Client.

ES 1 Asbestos Sampling Summary

The United States Environmental Protection Agency (US EPA) and New York State asbestos regulations define Asbestos Containing Material (ACM) as a material with greater than 1 percent (>1%) asbestos content.

The site is the two-story two-family residential building with a commercial space located within the ground floor level. This ACM survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at the Site. ATC performed ACM survey within both dwelling units and the commercial space located on the ground floor. On January 26, 2022, licensed ATC representative Davis Glassmann visually surveyed readily accessible interior and exterior building materials at the Site and collected bulk samples from applicable suspect asbestos-containing materials. Mr. Glassmann is the certified New York State Department of Labor (NYS DOL) Asbestos Inspector (NYS DOL license number 92-20749).

Mr. Glassmann collected a total of forty-four (44) bulk samples of suspected asbestos-containing materials (SACM) from twenty-one (21) homogenous areas at the Site. Overall, twenty-four (24) samples were analyzed via Polarized Light Microscopy (PLM) methodology and nineteen (19) samples were analyzed via Transmission Electron Microscopy (TEM) methodology for Non-Friable Organically Bound (NOB) materials. There was one (1) "positive stop".

Based on the results of laboratory analysis, **one (1) sampled homogeneous area has been confirmed as Asbestos-Containing Material** (greater than 1% asbestos). Table ES 1 below presents all ACMs identified at the Site during this survey.

Table ES 1: Identified Asbestos-Containing Materials

Homogeneous Area ID #	Sampling Location	Material Description	Asbestos Content (via TEM Analysis)	Estimated Quantity
8	1st Floor	Brick wall coating	**5.1% Chrysotile**	800 SF

ATC provided all laboratory asbestos analytical services in support of this project. ATC is certified by the New York State Department of Health's Environmental Laboratory Accreditation Program to perform asbestos and related analyses of environmental samples (Laboratory ID Number: 10879).

Copies of the asbestos Laboratory Analysis Reports, Chain of Custody Forms, and Site Plans identifying sample locations are presented in *Appendix A.* Photographs taken at the Site may be found in *Appendix B*. Copies of ATC Personnel Licenses and Laboratory Accreditations are presented in *Appendix C.*

1.0 SCOPE OF SERVICES

Town of North Hempstead Community Development Agency (the Client) contracted Atlas Technical Consultants, dba ATC Group Services LLC (ATC) to perform a limited asbestos survey at 746 Prospect Avenue, Westbury, NY 11590 (the Site). The site is the two-story two-family residential building with a commercial space located within the ground floor level. As requested by the Client, this ACM survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at the Site. This report presents the findings from the limited asbestos survey ATC conducted at the Site, as per the scope of work specified by the Client.

The investigative asbestos survey was conducted on January 26, 2022, by ATC's licensed asbestos professional Davis Glassmann. Mr. Glassmann is the certified New York State Department of Labor (NYS DOL) Asbestos Inspector (NYS DOL license numbers 92-20749). Copies of all training certificates and licenses may be found in *Appendix C.*

2.0 ASBESTOS SURVEY

Licensed ATC representative Davis Glassmann visited the Site on January 26, 2022. This ACM survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at the Site. Mr. Glassmann visually surveyed applicable interior and exterior building materials at the Site and collected bulk samples from applicable suspect asbestos-containing materials. ATC collected a total of forty-four (44) bulk samples of suspected asbestos-containing materials from twenty-one (21) homogenous areas at the Site. Asbestos Reports of Laboratory Analysis and Chain of Custody documentation are provided in *Appendix A.* Copies of licenses and certifications may be found in *Appendix C*.

2.1 Asbestos Threshold Levels

The United States Environmental Protection Agency (US EPA) and New York State asbestos regulations define Asbestos Containing Material (ACM) as a material with greater than 1 percent (>1%) asbestos content.

2.2 Analytical Methods

ATC provided all laboratory asbestos analytical services in support of this project. ATC is certified by the New York State Department of Health's Environmental Laboratory Accreditation Program to perform asbestos and related analyses of environmental samples (Laboratory ID Number: 10879; NVLAP 101187; ELAP 10879). The Polarized Light Microscopy (PLM) is primarily a qualitative identification method whereby asbestos percentage, if any, is estimated.

The New York State Department of Health has revised the PLM Stratified Point Counting Method since it was determined that analysis of Non-Friable Organically Bound (NOB) materials is not reliably performed by Polarized Light Microscopy (PLM) Methods alone. The new method, "Polarized Light Microscopy Methods for Identifying and Quantifying Asbestos in Bulk Samples", specifies a procedure of analysis for bulk samples that fall into the category of (NOB). This category includes any sample in a flexible to rigid asphalt or vinyl matrix (floor tiles, mastic, roofing materials, etc.).

Additional materials that may fall into this category are textured paints and stucco, pipe valve and joint packing, and a variety of other applications. If initial PLM yields results of 1-percent asbestos or less, the result must be confirmed by Transmission Electron Microscopy (TEM) methodology. In accordance with the NYS asbestos regulations, all NOB samples with initial negative PLM result were analyzed via TEM methodology. Overall, twenty-four (24) samples were analyzed via Polarized Light Microscopy (PLM) methodology and nineteen (19) samples were analyzed via Transmission Electron Microscopy (TEM) methodology for Non-Friable Organically Bound (NOB) materials. There was one (1) "positive stop".

2.3 Asbestos Sampling Results

ATC collected a total of forty-four (44) bulk samples of Suspected Asbestos-Containing Materials (SACM) from twenty-one (21) homogenous areas at the Site. Based on the laboratory results of analysis, **one (1) sampled homogeneous area has been confirmed as Asbestos-Containing** (>1% asbestos). Table below lists analytical results for all bulk samples collected at the Site during this survey.

Table 2.3.1: January 26, 2022, Asbestos Survey Analytical Results

Homogeneous Area ID #	Sample ID	Sampling Location	Material Sampled	Asbestos Content via PLM (%)	Asbestos Content via TEM/NOB (%)
1	1	1st FL retail space	Gypsum wallboard	ND	N/A
	2	2nd FL residential space	Gypsum wallboard	ND	N/A
2	3	1st FL retail space	Wallboard joint compound	ND	N/A
	4	2nd FL residential space	Wallboard joint compound	ND	N/A
3	5	1st FL retail space	Wall plaster; white coat	ND	N/A
	6	1st FL retail space	Wall plaster; white coat	ND	N/A
	7	1st FL retail space	Wall plaster; white coat	ND	N/A
4	8	1st FL retail space	Wall plaster; brown coat	ND	N/A
	9	1st FL retail space	Wall plaster; brown coat	ND	N/A
	10	1st FL retail space	Wall plaster; brown coat	ND	N/A
5	11	1st FL retail space	Spot black wall mastic	ND	ND

Homogeneous Area ID #	Sample ID	Sampling Location	Material Sampled	Asbestos Content via PLM (%)	Asbestos Content via TEM/NOB (%)
5	12	1st FL retail space	Spot black wall mastic	ND	ND
6	13	1st FL retail space	Ceramic wall tile grout	ND	N/A
	14	1st FL retail space	Ceramic wall tile grout	ND	N/A
7	15	1st FL retail space	Ceramic wall tile thinset mortar	ND	N/A
	16	1st FL retail space	Ceramic wall tile thinset mortar	ND	N/A
8	**17**	**1st Floor**	**Brick wall coating**	**8% Chrysotile**	**5.1% Chrysotile**
	18	**1st Floor**	**Brick wall coating**	**PS**	**PS**
9	19	2nd FL Apt. Bathroom	Wall tile grout	ND	N/A
	20	2nd FL Apt. Bathroom	Wall tile grout	ND	N/A
10	21	2nd FL Apt. Bathroom	Wall tile thinset mortar	ND	N/A
	22	2nd FL Apt. Bathroom	Wall tile thinset mortar	ND	N/A
11	23	2nd FL Apt. Bathroom	Floor tile grout	ND	N/A
	24	2nd FL Apt. Bathroom	Floor tile grout	ND	N/A
12	25	2nd FL Apt. Bathroom	Floor tile thinset mortar	ND	N/A
	26	2nd FL Apt. Bathroom	Floor tile thinset mortar	ND	N/A
13	27	2nd FL Apt. Living Room	12”x12” brown self-adhesive VFT; 1st layer	ND	ND
	28	2nd FL Apt. Living Room	12”x12” brown self-adhesive VFT; 1st layer	ND	ND
14	29	2nd FL Apt.	12”x12” beige self-adhesive VFT; 2nd layer	ND	ND
	30	2nd FL Apt.	12”x12” beige self-adhesive VFT; 2nd layer	ND	ND
15	31	Basement	Window glaze	ND	ND

Homogeneous Area ID #	Sample ID	Sampling Location	Material Sampled	Asbestos Content via PLM (%)	Asbestos Content via TEM/NOB (%)
15	32	Basement	Window glaze	ND	ND
16	33	Exterior; East elevation	Brick mortar cement	ND	N/A
	34	Exterior; West elevation	Brick mortar cement	ND	N/A
17	35	1st FL level; North elevation	Exterior window caulk	ND	ND
	36	1st FL level; North elevation	Exterior window caulk	ND	ND
18	37	2nd FL; South elevation	Exterior window caulk	ND	ND
	38	2nd FL; West elevation	Exterior window caulk	ND	ND
19	39	Lower roof	Roof membrane; layer 1	ND	ND
	40	Lower roof	Roof membrane; layer 1	ND	ND
20	41	Lower roof	Roof membrane tar paper - layer 2	ND	ND
	42	Lower roof	Roof membrane tar paper - layer 2	ND	ND
21	43	Lower roof	Roof flashing	ND	ND
	44	Lower roof	Roof flashing	ND	ND

Abbreviations: **ND** – Not Detected, **N/A** – Not Analyzed, **PS** – Positive Stop/Not Analyzed

Asbestos Laboratory Analysis Reports Chain of Custody Forms, and Site Plans identifying sample locations are presented in *Appendix A.* Photographs taken at the Site may be found in *Appendix B*. Copies of ATC Personnel Licenses and Laboratory Accreditations are presented in *Appendix C.*

3.0 LIMITATIONS OF THE INVESTIGATION

Atlas Technical Consultants, dba ATC Group Services LLC (ATC) asbestos sampling results are applicable for the locations tested at time that the testing was conducted and for the condition of the building materials at the time they were sampled. As per requested by the Client, this ACM survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at 746 Prospect Avenue, Westbury, NY 11590 (the Site).

If questions arise regarding asbestos content in building materials that were not sampled by ATC, then additional testing services should be procured to sample those building materials for asbestos. ATC makes no representation or warranty concerning the standards and specifications provided in applicable asbestos regulations.

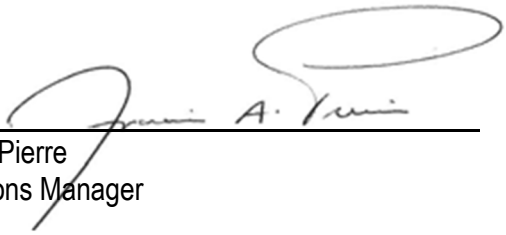
4.0 CERTIFICATION OF RESULTS

This report has been prepared for the exclusive use of Town of North Hempstead Community Development Agency (the Client). ATC acknowledges that Town of North Hempstead Community Development Agency may rely on this report in the management of the property. Photocopying of this document, in part or whole, by parties other than those designated by the Town of North Hempstead Community Development Agency or use of this document for purposes other than it is intended, is prohibited.

February 4, 2022

Pavel Mashenko
NYS DOL Certified Asbestos Inspector
Sr. Project Manager

Date



February 4, 2022

Francis Pierre
Operations Manager

Date

APPENDIX A

Asbestos Bulk Sampling Analytical Results
Bulk Sample Chain of Custody Documentation
Sample Locations Site Plan

SITE PLAN

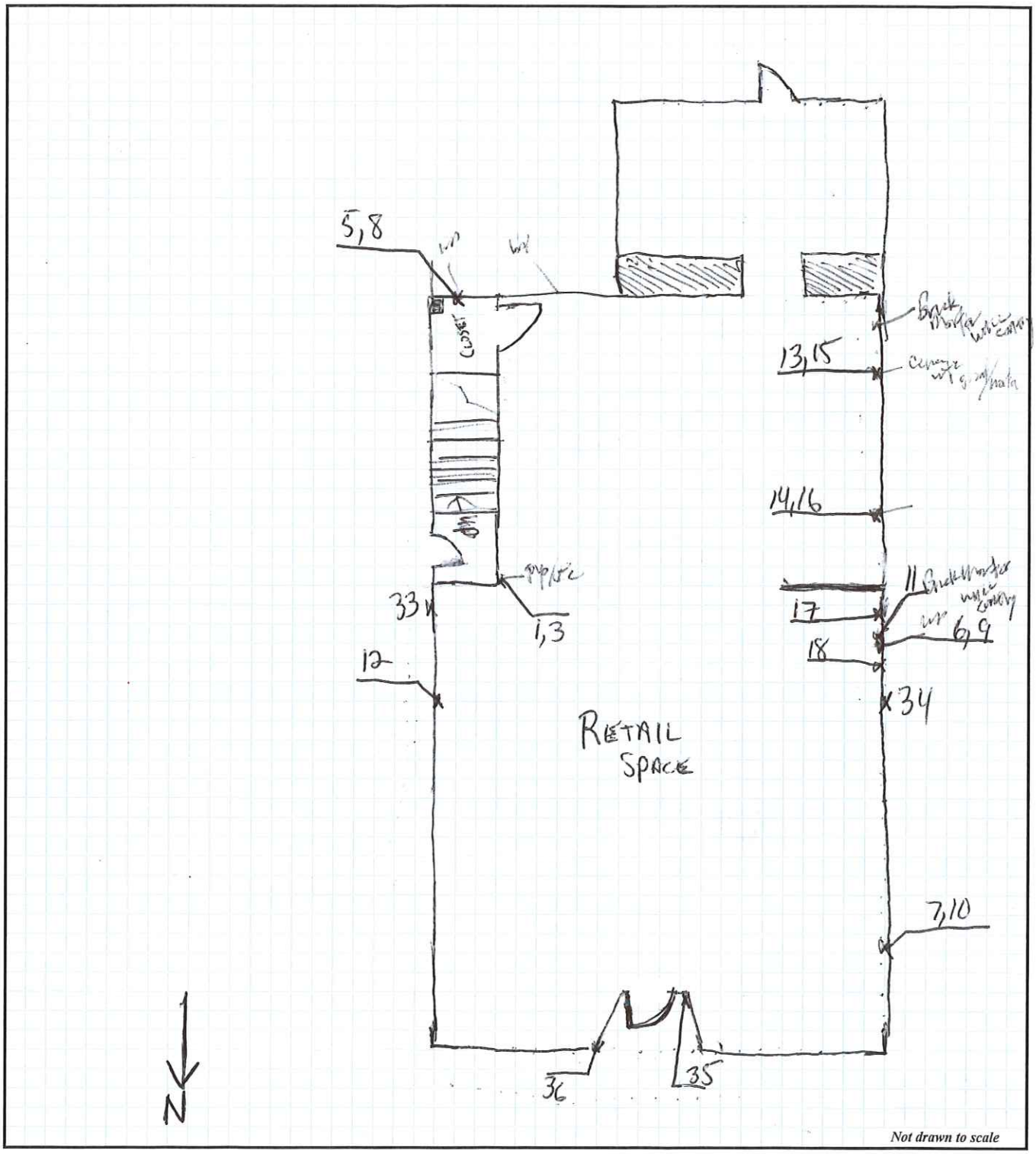
Client: Town of North Hempstead Comm. Development Agency **Project #** Z214NH0004 **Insp. Date:** 1/26/2022

Site Address: 746 Prospect Avenue, Westbury, NY 11590

Homeowner:

Inspector's Name: David Glassmann **Signature:**

Note: 1st Floor



SITE PLAN

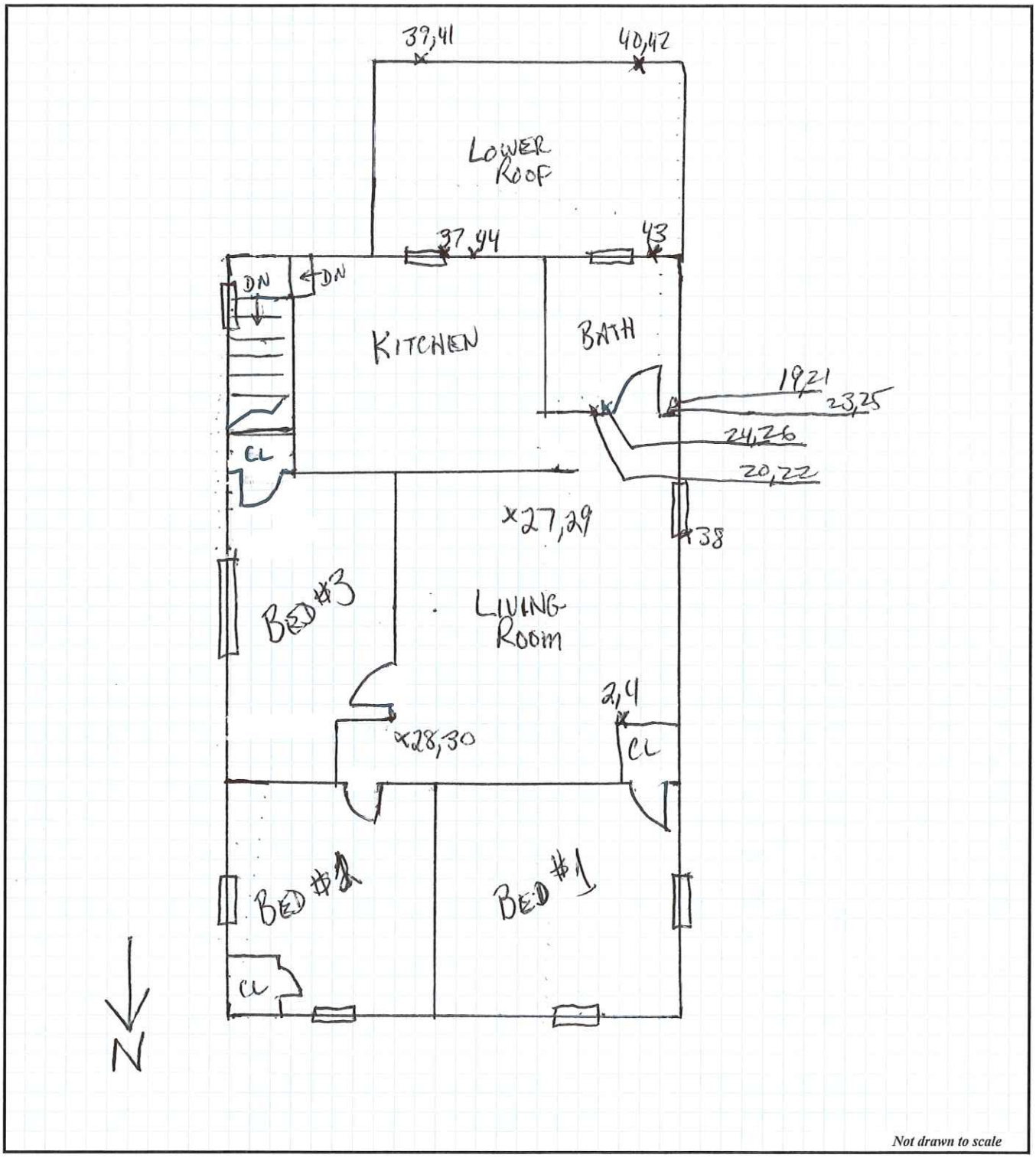
Client: Town of North Hempstead Comm. Development Agency Project # Z214NH0004 Insp. Date: 1/26/2022

Site Address: 746 Prospect Avenue, Westbury, NY 11590

Homeowner:

Inspector's Name: David Glassmann Signature:

Note: 2nd FLOOR



SITE PLAN

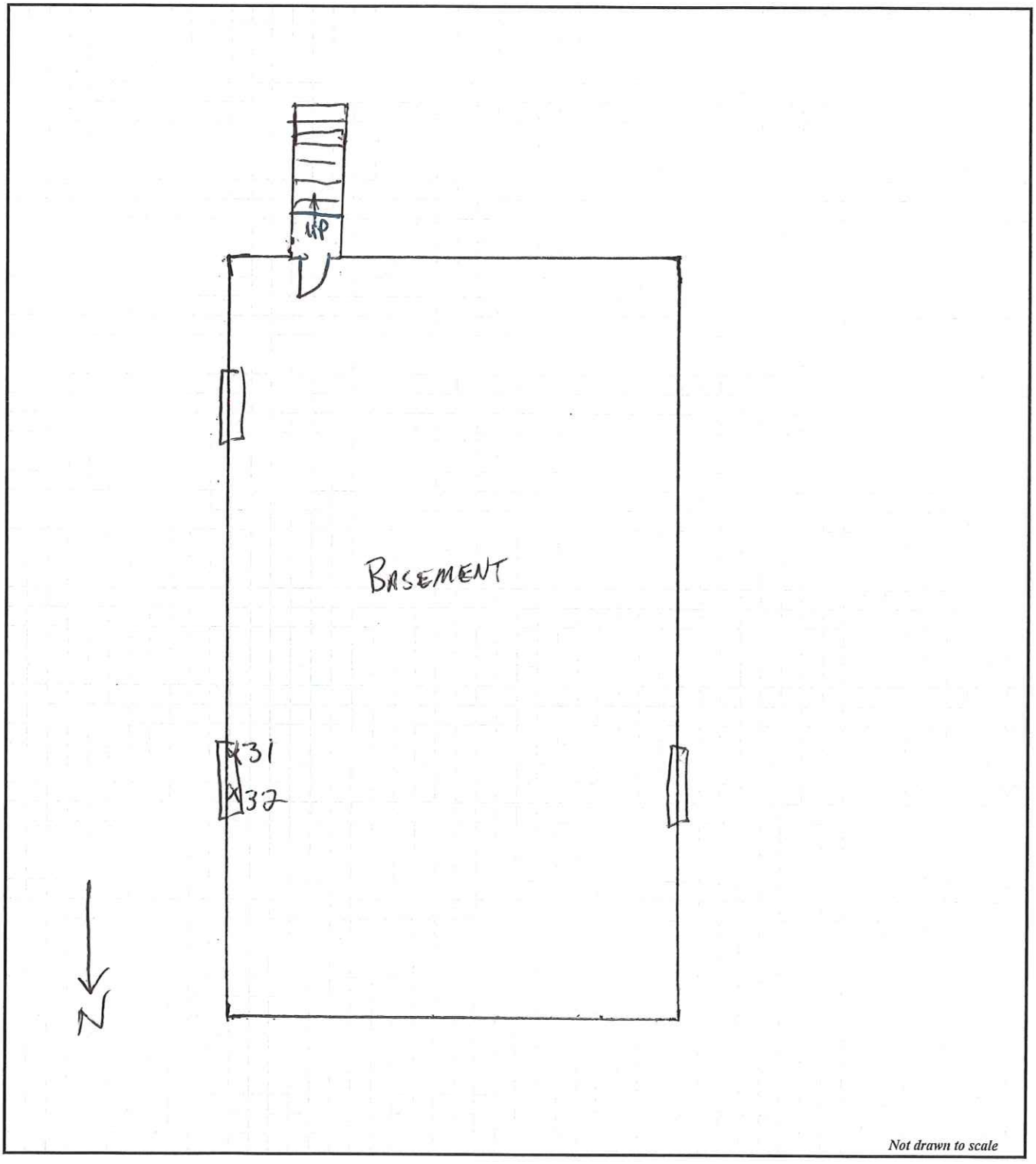
Client: Town of North Hempstead Comm. Development Agency Project # Z214NH0004 Insp. Date: 1/26/2022

Site Address: 746 Prospect Avenue, Westbury, NY 11590

Homeowner:

Inspector's Name: David Glassmann Signature:

Note: BASEMENT



Not drawn to scale

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

ATLAS

PROJECT INFORMATION

BATCH #: 22-138

1. Client:	2. Project Name:	3a. Atlas Project No.:	4a. Project Manager:
TOWN OF NORTH HEMPSTEAD	Pre-Construction ACM Survey	Z214NH0004	P. Mashenko
	2a. Project Address:	3b. Task No.:	4b. Inspector:
	746 Prospect Avenue, Westbury, NY 11590	0001	David Glassmann

5. Date:	6. Homeowner Name:	8. Turnaround Time:	9. Comment s (Field)
1/26/2022		o STAT ⊗24 HRS o 72 HRS o OTHER o 6 HRS o 48 HRS o NORMAL _____	Stop @ 1st Pos. for each HA NOB->TEM. Email results to: pavel.mashenko@oneatlas.com
	7. Sampling Areas: Interior, Exterior		

BULK SAMPLE LOCATION

10. Homogenous Area No.	11. Bulk Sample ID No.	12. Material	13. Thermal System, TSI, Misc.	14. Sample Location: Floor	14. Sample Location: Sample Coordinates	15. Material Total Qty. (LF, SF, PCS)	16. Asbestos Content (Type & %)
1	1	gypsum board	misc	1	Retail Space	3000 SF	
↓	2	↓	↓	2	Residential		
2	3	Joint Compound	↓	1	Retail Space	800 SF	
↓	4	↓	↓	2	Residential		
3	5	Wall plaster - white coat	SM	1	Retail Space	350 SF	
↓	6	↓	↓	↓	↓		
↓	7	↓	↓	↓	↓		
4	8	- brown coat	↓	↓	↓	350 SF	
↓	9	↓	↓	↓	↓		
↓	10	↓	↓	↓	↓		
5	11	Spot Black wall mastic	misc	↓	west wall	3 SF	
↓	12	↓	↓	↓	↓		
6	13	Ceramic wall tile grout	↓	↓	- west wall	140 SF	
↓	14	↓	↓	↓	↓		
7	15	thinset	↓	↓	↓	140 SF	
↓	16	↓	↓	↓	↓		
8	17	Black coating on wall	↓	↓	- East wall	800 SF	
↓	18	↓	↓	↓	- West wall		

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submittal	
I. David Glassmann	1/26/2022	18:00	E. Velez	1/27/2022	12:02 pm	Field	
II.						Walk In	
III.						US Mail	
						Fed-Ex	
						Other	

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By:	1/27/2022	8:00	
24b. Analyzed By:	1/28/22	11	
24c. QC By:			

TEM & PLM Reanalysis 1/31/22 15:00

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

BATCH #: 22-138

1. Client:	2. Project Name:	3a. Atlas Project No.:	4a. Project Manager:
TOWN OF NORTH HEMPSTEAD	Pre-Construction ACM Survey	Z214NH0004	P. Mashenko
	2a. Project Address:	3b. Task No.:	4b. Inspector:
	746 Prospect Avenue, Westbury, NY 11590	0001	David Glassmann

5. Date:	6. Homeowner Name:	8. Turnaround Time:	9. Comment s (Field)
1/26/2022		o STAT ☒ 24 HRS o 72 HRS o OTHER o 6 HRS o 48 HRS o NORMAL _____	Stop @ 1st Pos. for each HA NOB->TEM. Email results to: pavel.mashenko@oneatlas.com
	7. Sampling Areas: Interior, Exterior		

BULK SAMPLE LOCATION

10. Homogenous Area No.	11. Bulk Sample ID No.	12. Material	13. Thermal System, TSI, Misc.	14. Sample Location: Floor	14. Sample Location: Sample Coordinates	15. Material Total Qty. (LF, SF, PCS)	16. Asbestos Content (Type & %)
9	19	Ceramic wall tile grout	misc	2	BATHROOM	110 SF	
↓	20	↓ ↓ ↓ ↓	↓	↓	↓		
10	21	↓ ↓ ↓ thinset				110 SF	
↓	22	↓ ↓ ↓ ↓					
11	23	Ceramic floor tile grout				60 SF	
↓	24	↓ ↓ ↓ ↓					
12	25	↓ ↓ ↓ mortar				60 SF	
↓	26	↓ ↓ ↓ ↓			↓		
13	27	12"x12" Brown self-adhesive			Living Room	600 SF	
↓	28	Vinyl floor tile-Layer 1			↓		
14	29	12"x12" Beige self-adhesive				600 SF	
↓	30	vinyl floor tile-Layer 2					
15	31	window glaze		Basement	Basement - East - one window	2 SF	
↓	32	↓		↓	↓		
16	33	Brick Mortar		OSP	East Elevation		
↓	34	↓		↓	WEST		
17	35	Exterior window caulk		1	North	8 SF	
↓	36	↓	↓	↓	↓		

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submittal	
I. David Glassmann	1/26/2022	1805	E-Deliver Eng	1/27/2022	12:02pm	Field	
II.						Walk In	
III.						US Mail	
						Fed-Ex	
						Other	

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By:	1/27/22	8:00	
24b. Analyzed By:	1/28/22	10:45	
24c. QC By:			

TEM & PLM Reanalysis 1/31/22 15:00

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

BATCH #: 22-138

1. Client: TOWN OF NORTH HEMPSTEAD	2. Project Name: Pre-Construction ACM Survey	3a. Atlas Project No.: Z214NH0004	4a. Project Manager: P. Mashenko
	2a. Project Address: 746 Prospect Avenue, Westbury, NY 11590	3b. Task No.: 0001	4b. Inspector: David Glassmann

5. Date: 1/26/2022	6. Homeowner Name:	8. Turnaround Time: o STAT ☒ 24 HRS o 72 HRS o OTHER o 6 HRS o 48 HRS o NORMAL ________	9. Comment s (Field) Stop @ 1st Pos. for each HA NOB->TEM. Email results to: pavel.mashenko@oneatlas.com
	7. Sampling Areas: Interior, Exterior		

BULK SAMPLE LOCATION

10. Homogenous Area No.	11. Bulk Sample ID No.	12. Material	13. Thermal System, TSI, Misc.	14. Sample Location Floor	Sample Coordinates	15. Material Total Qty. (LF, SF, PCS)	16. Asbestos Content (Type & %)
18	37	Exterior window caulk	MISC	2	South Elevation	20 SF	
↓	38	↓	↓	↓	West ↓		
19	39	Roof Membrane Asphalt Layer 1	↓	Roof	Lower Roof	150 SF	
↓	40	↓ ↓	↓	↓	↓		
20	41	tar paper layer 2	↓	↓	↓		
↓	42	↓ ↓	↓	↓	↓		
21	43	Roof Flashing	↓	↓	↓	65 SF	
↓	44	↓	↓	↓	↓		

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submittal
I. David Glassmann [signature]	1/26/2022	1800	E. Velez [signature]	1/27/2022	12:02 pm	Field
						Walk In
II.						US Mail
						Fed-Ex
III.						Other

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By: FAHMEOLN [signature]	1/27/22	8:00	
24b. Analyzed By: MELWBOLK [signature]	1/29/22	11 am	
24c. QC By:			

TEM QC Raspatino [signature] 1/31/22 13:00

ATLAS ATC

ATC - New York
104 East 25th Street, 8th FL, New York, NY 10010
Phone: (212) 353-8280, Fax: (212) 353-3599 or 8306

Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: [illegible] — Batch Number: 22-138 — TEMPERATURE °C: 22

Field Number: 1

Stereoscopic Exam

Gravimetric — Required ☐ — Recommended ☐ — See gravimetric analysis sheet for results ☐

Color: Grey — Texture: 6 — Homogeneity: 1 — Vermiculite: — — # of Layers: — — Asbestos: — — Color of Layer: — — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

Chrysotile: — Amosite: — Other: /

Other Fibrous PLM %

Cellulose: 100 — Fiberglass: — Other: —

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

Mineral Filler: — Organic Binders: — Vermiculite*: 0 — Other: —

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0								0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

Field Number: 2

Stereoscopic Exam

Gravimetric — Required ☐ — Recommended ☐ — See gravimetric analysis sheet for results ☐

Color: Grey — Texture: 6 — Homogeneity: 1 — Vermiculite: — — # of Layers: — — Asbestos: — — Color of Layer: — — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

Chrysotile: — Amosite: — Other: /

Other Fibrous PLM %

Cellulose: — Fiberglass: — Other: —

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0								0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

Field Number: 3

Stereoscopic Exam

Gravimetric — Required ☐ — Recommended ☐ — See gravimetric analysis sheet for results ☐

Color: [illegible] — Texture: 6 — Homogeneity: 1 — Vermiculite: — — # of Layers: — — Asbestos: — — Color of Layer: — — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

Chrysotile: — Amosite: — Other: /

Other Fibrous PLM %

Cellulose: — Fiberglass: — Other: —

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0								0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

Field Number: 4

Stereoscopic Exam

Gravimetric — Required ☐ — Recommended ☐ — See gravimetric analysis sheet for results ☐

Color: [illegible] — Texture: 6 — Homogeneity: 1 — Vermiculite: — — # of Layers: — — Asbestos: — — Color of Layer: — — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

Chrysotile: — Amosite: — Other: /

Other Fibrous PLM %

Cellulose: — Fiberglass: — Other: —

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0								0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

ATLAS ATC

ATC - New York

104 East 25th Street, 8th FL, New York, NY 10010
Phone: (212) 353-8280, Fax: (212) 353-3599 or 8306

Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number: Z214NH0004

Analysis Date: 1/7/2022 Analyst: Batch Number: 22-138 TEMPERATURE °C: 2

1 — Field Number 5

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color white Texture 6
Homogeneity 7 Vermiculite —
# of Layers — Asbestos —
Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

2 — Field Number 6

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color white Texture 6
Homogeneity 7 Vermiculite —
# of Layers — Asbestos —
Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

3 — Field Number 7

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color white Texture 6
Homogeneity 7 Vermiculite —
# of Layers — Asbestos —
Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

4 — Field Number 8

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color brown Texture 6
Homogeneity 7 Vermiculite —
# of Layers — Asbestos —
Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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Phone: (212) 353-8280, Fax: (212) 353-3599 or 8306

Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 / NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: [signature] — Batch Number: 22-138 — TEMPERATURE °C: 2[illegible]

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1 — Field Number 9

Stereoscopic Exam	
Color	Brown
Texture	G
Homogeneity	Y
Vermiculite	–
# of Layers	
Asbestos Detected Yes No	–
Color of Layer	

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity (not filled in; line drawn through)

Asbestos Results PLM %: Chrysotile / Amosite / Other (line drawn through)

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

SM-V Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/10	→	→	→					0	100	0
NOB PLM											

SM-V Required ☐ See SM-V ☐ analysis sheet for results

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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2 — Field Number 10

Stereoscopic Exam	
Color	Brown
Texture	G
Homogeneity	Y
Vermiculite	–
# of Layers	
Asbestos Detected Yes No	–
Color of Layer	

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity (not filled in)

Asbestos Results PLM %: Chrysotile / Amosite / Other (line drawn through)

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

SM-V Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/30	→	→	→					0	200	0
NOB PLM											

SM-V Required ☐ See SM-V ☐ analysis sheet for results

Comments:

Method: ☑ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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3 — Field Number 11

Stereoscopic Exam	
Color	Black
Texture	NF
Homogeneity	Y
Vermiculite	–
# of Layers	
Asbestos Detected Yes No	–
Color of Layer	

Gravimetric: Required ☑ Recommended ☐ See gravimetric ☑ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity (not filled in)

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: [illegible] Mineral Filler; Organic Binders; 0 Vermiculite*; Other

SM-V Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0/1m	→	→	→					0	2m	✓

SM-V Required ☐ See SM-V ☐ analysis sheet for results

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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4 — Field Number 12

Stereoscopic Exam	
Color	Black
Texture	NF
Homogeneity	Y
Vermiculite	–
# of Layers	
Asbestos Detected Yes No	–
Color of Layer	

Gravimetric: Required ☑ Recommended ☐ See gravimetric ☑ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity (not filled in)

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 1m Mineral Filler; Organic Binders; 0 Vermiculite*; Other

SM-V Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0/1m	→	→	→					0	2m	✓

SM-V Required ☐ See SM-V ☐ analysis sheet for results

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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Accreditations: NVLAP 101187-0 ELAP 10879

Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: [signature] — Batch Number: 22-138 — TEMPERATURE °C: 21

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1 — Field Number: 13

Stereoscopic Exam	
Color	white
Texture	G
Homogeneity	1
Vermiculite	—
# of Layers	1
Asbestos	—
Color of Layer	
Detected	Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity — (not recorded)

Asbestos Results PLM %: Chrysotile — Amosite — Other —

Other Fibrous PLM %: Cellulose ___ Fiberglass ___ Other ___

Non Fibrous PLM %: 100 Mineral Filler; 0 Organic Binders; ___ Vermiculite*; ___ Other

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	→	→	→					0	200	0
NOB PLM											

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Comments:

Method: ☑ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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2 — Field Number: 14

Stereoscopic Exam	
Color	white
Texture	G
Homogeneity	1
Vermiculite	—
# of Layers	
Asbestos	
Color of Layer	
Detected	Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity — (not recorded)

Asbestos Results PLM %: Chrysotile — Amosite — Other —

Other Fibrous PLM %: Cellulose ___ Fiberglass ___ Other ___

Non Fibrous PLM %: 100 Mineral Filler; ___ Organic Binders; 0 Vermiculite*; ___ Other

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	→	→	→					0	200	0
NOB PLM											

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Comments:

Method: ☑ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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3 — Field Number: 15

Stereoscopic Exam	
Color	white
Texture	G
Homogeneity	1
Vermiculite	—
# of Layers	
Asbestos	
Color of Layer	
Detected	Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity — (not recorded)

Asbestos Results PLM %: Chrysotile — Amosite — Other —

Other Fibrous PLM %: Cellulose ___ Fiberglass ___ Other ___

Non Fibrous PLM %: 100 Mineral Filler; ___ Organic Binders; 0 Vermiculite*; ___ Other

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	→	→						0	400	0
NOB PLM											

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Comments:

Method: ☑ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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4 — Field Number: 16

Stereoscopic Exam	
Color	white
Texture	G
Homogeneity	1
Vermiculite	—
# of Layers	1
Asbestos	—
Color of Layer	
Detected	Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity — (not recorded)

Asbestos Results PLM %: Chrysotile — Amosite — Other —

Other Fibrous PLM %: Cellulose ___ Fiberglass ___ Other ___

Non Fibrous PLM %: 100 Mineral Filler; ___ Organic Binders; 0 Vermiculite*; ___ Other

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	→	→	→					0	200	0
NOB PLM											

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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ATC - New York

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Accreditations: NVLAP 101187-0 ELAP 10879

Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: [signature] — Batch Number: 22-138 — TEMPERATURE °C: 2

1 — Field Number 17

Stereoscopic Exam	
Color	Black
Texture	NF
Homogeneity	/
Vermiculite	–
# of Layers	
Asbestos Detected	Yes No

PLM Optical Properties: Morph / Extinction / RI ⊥ / RI ∥ / DS Color / Color, Pleo / Biref / Sign / Other / Identity: (handwritten entries)

Asbestos Results PLM %: 8 Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

Non Fibrous PLM %: 92 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	4/21	6/19	4/14	6/16					0	50	8%

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

2 — Field Number 18

Stereoscopic Exam	
Color	Black
Texture	NF
Homogeneity	/
Vermiculite	–
# of Layers	
Asbestos Detected	Yes No

Gravimetric Required ☑; See gravimetric analysis sheet for results ☑

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

Non Fibrous PLM %: Mineral Filler; Organic Binders; Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM											

Comments: See 17

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

3 — Field Number 19

Stereoscopic Exam	
Color	TAN
Texture	NF
Homogeneity	/
Vermiculite	–
# of Layers	1
Asbestos Detected	Yes No

Asbestos Results PLM %: Chrysotile; Amosite; Other (struck through)

Other Fibrous PLM %: Cellulose; Fiberglass; Other

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50 →								0	400	0
NOB PLM											

Comments:

Method: ☐ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

4 — Field Number 20

Stereoscopic Exam	
Color	TAN
Texture	NF
Homogeneity	/
Vermiculite	–
# of Layers	/
Asbestos Detected	Yes No

Asbestos Results PLM %: Chrysotile; Amosite; Other (struck through)

Other Fibrous PLM %: Cellulose; Fiberglass; Other

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50 →								0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

(Each sample block also lists: Gravimetric Required ☐ / Recommended ☐ / See gravimetric analysis sheet for results ☐; SM-V Required ☐ / See SM-V analysis sheet for results ☐; ☐ Cellulose Ondulose Extinction; ☐ Fiberglass Isotopic; ☐ Synthetic High Birefringence; ☐ Horse Hair: Scales, Low to Moderate Birefringence; * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.)

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number: Z214NH0004

Analysis Date: 1/27/2022 Analyst: T Batch Number: 22-138 TEMPERATURE °C: RT

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1 — Field Number: 21

Stereoscopic Exam: Color: white Texture: 6 Homogeneity: 1 Vermiculite: — # of Layers: — Asbestos: — Color of Layer: — Detected: Yes / No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler / Organic Binders / d Vermiculite* / Other

SM-V: Required ☐ / See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	—	—						0	200	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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2 — Field Number: 22

Stereoscopic Exam: Color: white Texture: 6 Homogeneity: 1 Vermiculite: — # of Layers: — Asbestos: — Color of Layer: — Detected: Yes / No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler / Organic Binders / d Vermiculite* / Other

SM-V: Required ☐ / See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	—	—	—					d	200	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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3 — Field Number: 23

Stereoscopic Exam: Color: Brown Texture: 6 Homogeneity: 1 Vermiculite: — # of Layers: — Asbestos: — Color of Layer: — Detected: Yes / No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler / Organic Binders / d Vermiculite* / Other

SM-V: Required ☐ / See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	—	—	—					0	200	d
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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4 — Field Number: 24

Stereoscopic Exam: Color: Brown Texture: 6 Homogeneity: 1 Vermiculite: — # of Layers: — Asbestos: — Color of Layer: — Detected: Yes / No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler / Organic Binders / d Vermiculite* / Other

SM-V: Required ☐ / See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	—	—	—					0	200	0
NOB PLM											

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

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Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: E — Batch Number: 22-138 — TEMPERATURE °C: 24

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1 — Field Number 25

Stereoscopic Exam: Gravimetric; Color: Brown; Texture: C; Homogeneity: 1; Vermiculite: —; # of Layers: —; Asbestos: —; Color of Layer: —; Detected: Yes / No; ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile: — ; Amosite: — ; Other: —

Other Fibrous PLM %: Cellulose: — ; Fiberglass: — ; Other: —

Non Fibrous PLM %: Mineral Filler: 100 ; Organic Binders: — ; Vermiculite*: 0 ; Other: —

SM-V: ☐ Required ☐ See SM-V analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

---

2 — Field Number 26

Stereoscopic Exam: Gravimetric; Color: Brown; Texture: C; Homogeneity: 1; Vermiculite: —; # of Layers: —; Asbestos: —; Color of Layer: —; Detected: Yes / No; ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile: — ; Amosite: — ; Other: —

Other Fibrous PLM %: Cellulose: — ; Fiberglass: — ; Other: —

Non Fibrous PLM %: Mineral Filler: 100 ; Organic Binders: — ; Vermiculite*: C ; Other: —

SM-V: ☐ Required ☐ See SM-V analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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3 — Field Number 27

Stereoscopic Exam: Gravimetric; Color: Brown; Texture: NF; Homogeneity: 1; Vermiculite: —; # of Layers: —; Asbestos: —; Color of Layer: —; Detected: Yes / No; ☑ Required ☐ Recommended ☐ See gravimetric analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile: — ; Amosite: — ; Other: —

Other Fibrous PLM %: Cellulose: — ; Fiberglass: — ; Other: —

Non Fibrous PLM %: Mineral Filler: — ; Organic Binders: 0 ; Vermiculite*: — ; Other: —

SM-V: ☐ Required ☐ See SM-V analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	100	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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4 — Field Number 28

Stereoscopic Exam: Gravimetric; Color: Brown; Texture: NF; Homogeneity: 1; Vermiculite: —; # of Layers: —; Asbestos: —; Color of Layer: —; Detected: Yes / No; ☑ Required ☐ Recommended ☐ See gravimetric analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile: — ; Amosite: — ; Other: —

Other Fibrous PLM %: Cellulose: — ; Fiberglass: — ; Other: —

Non Fibrous PLM %: Mineral Filler: — ; Organic Binders: — ; Vermiculite*: — ; Other: —

SM-V: ☐ Required ☐ See SM-V analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	100	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

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Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number Z214NH0004

Analysis Date 1/21/2022 Analyst [signature] Batch Number 22-138 TEMPERATURE °C 20

1 — Field Number 29

Stereoscopic Exam

Gravimetric ☑ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color Beige Texture NF

Homogeneity — Vermiculite —

# of Layers — Asbestos —

Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

— Chrysotile
— Amosite
— Other

Other Fibrous PLM %

— Cellulose
— Fiberglass
— Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

tr Mineral Filler
— Organic Binders
U Vermiculite*
— Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	U								U	tr	U

Comments:

Method: ☐ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

2 — Field Number 30

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color Beige Texture NF

Homogeneity — Vermiculite —

# of Layers — Asbestos —

Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

— Chrysotile
— Amosite
— Other

Other Fibrous PLM %

— Cellulose
— Fiberglass
— Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

tr Mineral Filler
— Organic Binders
U Vermiculite*
— Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	U								U	tr	U

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

3 — Field Number 31

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color Yellow Texture NF

Homogeneity — Vermiculite —

# of Layers — Asbestos —

Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

— Chrysotile
— Amosite
— Other

Other Fibrous PLM %

— Cellulose
— Fiberglass
— Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

tr Mineral Filler
— Organic Binders
U Vermiculite*
— Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	U								U	tr	U

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

4 — Field Number 32

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color Yellow Texture NF

Homogeneity — Vermiculite —

# of Layers — Asbestos —

Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

— Chrysotile
— Amosite
— Other

Other Fibrous PLM %

— Cellulose
— Fiberglass
— Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

tr Mineral Filler
— Organic Binders
U Vermiculite*
— Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	U								U	tr	U

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
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ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: F — Batch Number: 22-138 — TEMPERATURE °C: 24

1 — Field Number 33

Stereoscopic Exam

Gravimetric — Color: Brown — Texture: 6
Required ☐ — Homogeneity: 7 — Vermiculite: —
Recommended ☐ — # of Layers: — — Asbestos: —
See gravimetric ☐ analysis sheet for results — Color of Layer: — Detected: Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile: — Amosite: — Other: —

Other Fibrous PLM %: Cellulose: — Fiberglass: — Other: —

Non Fibrous PLM %: Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	015								0	200	0
NOB PLM											

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

2 — Field Number 34

Stereoscopic Exam

Gravimetric — Color: Brown — Texture: 6
Required ☐ — Homogeneity: 7 — Vermiculite: —
Recommended ☐ — # of Layers: — Asbestos: —
See gravimetric ☐ analysis sheet for results — Color of Layer: — Detected: Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile: — Amosite: — Other: —

Other Fibrous PLM %: Cellulose: — Fiberglass: — Other: —

Non Fibrous PLM %: Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	015								0	200	0
NOB PLM											

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

3 — Field Number 35

Stereoscopic Exam

Gravimetric — Color: Brown — Texture: NT
Required ☑ — Homogeneity: 7 — Vermiculite: —
Recommended ☐ — # of Layers: — Asbestos: —
See gravimetric ☑ analysis sheet for results — Color of Layer: — Detected: Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile: — Amosite: — Other: —

Other Fibrous PLM %: Cellulose: — Fiberglass: — Other: —

Non Fibrous PLM %: Mineral Filler: 1 — Organic Binders: — Vermiculite*: 0 — Other: —

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	200	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

4 — Field Number 36

Stereoscopic Exam

Gravimetric — Color: Brown — Texture: NT
Required ☐ — Homogeneity: 7 — Vermiculite: —
Recommended ☐ — # of Layers: — Asbestos: —
See gravimetric ☐ analysis sheet for results — Color of Layer: — Detected: Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile: — Amosite: — Other: —

Other Fibrous PLM %: Cellulose: — Fiberglass: — Other: —

Non Fibrous PLM %: Mineral Filler: 1 — Organic Binders: — Vermiculite*: 0 — Other: —

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	200	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

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BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number: Z214NH0004

Analysis Date: 1/27/2022 Analyst: Batch Number: 22-138 TEMPERATURE °C: 24

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1 Field Number: 37

Stereoscopic Exam

Gravimetric — Required ☑ — Recommended ☐ — See gravimetric ☑ analysis sheet for results

Color: brown Texture: NF
Homogeneity: 1 Vermiculite: —
# of Layers: 1 Asbestos: —
Color of Layer: — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Mineral Filler (1); Organic Binders; Vermiculite* (0); Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	0	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

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2 Field Number: 38

Stereoscopic Exam

Gravimetric — Required ☑ — Recommended ☐ — See gravimetric ☑ analysis sheet for results

Color: brown Texture: NF
Homogeneity: 1 Vermiculite: —
# of Layers: 1 Asbestos: —
Color of Layer: — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Mineral Filler (1); Organic Binders; Vermiculite* (0); Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	0	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

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3 Field Number: 39

Stereoscopic Exam

Gravimetric — Required ☑ — Recommended ☐ — See gravimetric ☑ analysis sheet for results

Color: Black Texture: NF
Homogeneity: 4 Vermiculite: —
# of Layers: — Asbestos: —
Color of Layer: — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Mineral Filler (1); Organic Binders; Vermiculite* (0); Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	0	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

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4 Field Number: 40

Stereoscopic Exam

Gravimetric — Required ☑ — Recommended ☐ — See gravimetric ☐ analysis sheet for results

Color: Black Texture: NF
Homogeneity: 1 Vermiculite: —
# of Layers: — Asbestos: —
Color of Layer: — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Mineral Filler (1); Organic Binders; Vermiculite* (0); Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	0	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.6 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

ATLAS (struck through)
ATC

ATC - New York

104 East 25th Street, 8th FL, New York, NY 10010
Phone: (212) 353-8280, Fax: (212) 353-3599 or 8306

Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 / NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number Z214NH0004

Analysis Date 1/27/2022 Analyst [signature] Batch Number 22-138 TEMPERATURE °C 20

---

1 — Field Number 41

Stereoscopic Exam	
Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results	Color BLACK Texture HF
	Homogeneity 1 Vermiculite —
	# of Layers — Asbestos —
	Color of Layer — Detected Yes No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: ___ Chrysotile ___ Amosite ___ Other

Other Fibrous PLM %: ___ Cellulose ___ Fiberglass ___ Other
☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Cm Mineral Filler ___ Organic Binders 0 Vermiculite* ___ Other
* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
Required ☐	PLM											
See SM-V ☐ analysis sheet for results	NOB PLM	0/m								0	Im	0

Comments: —
Method: ☐ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

---

2 — Field Number 42

Stereoscopic Exam	
Gravimetric: Required ☑ Recommended ☐ See gravimetric ☑ analysis sheet for results	Color BLACK Texture HF
	Homogeneity 1 Vermiculite —
	# of Layers 1 Asbestos —
	Color of Layer — Detected Yes No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: ___ Chrysotile ___ Amosite ___ Other

Other Fibrous PLM %: ___ Cellulose ___ Fiberglass ___ Other
☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Cm Mineral Filler ___ Organic Binders 0 Vermiculite* ___ Other
* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
Required ☐	PLM											
See SM-V ☐ analysis sheet for results	NOB PLM	0/m								0	2m	0

Comments: —
Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

---

3 — Field Number 43

Stereoscopic Exam	
Gravimetric: Required ☐ Recommended ☐ See gravimetric ☑ analysis sheet for results	Color BLACK Texture HF
	Homogeneity 1 Vermiculite —
	# of Layers — Asbestos —
	Color of Layer — Detected Yes No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: ___ Chrysotile ___ Amosite ___ Other

Other Fibrous PLM %: ___ Cellulose ___ Fiberglass ___ Other
☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Cm Mineral Filler ___ Organic Binders 0 Vermiculite* ___ Other
* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
Required ☐	PLM											
See SM-V ☐ analysis sheet for results	NOB PLM	0/m								0	2m	0

Comments: —
Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

---

4 — Field Number 44

Stereoscopic Exam	
Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results	Color BLACK Texture HF
	Homogeneity 1 Vermiculite —
	# of Layers 1 Asbestos —
	Color of Layer — Detected Yes No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: ___ Chrysotile ___ Amosite ___ Other

Other Fibrous PLM %: ___ Cellulose ___ Fiberglass ___ Other
☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Cm Mineral Filler ___ Organic Binders 0 Vermiculite* ___ Other
* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
Required ☐	PLM											
See SM-V ☐ analysis sheet for results	NOB PLM	0/m								0	Im	0

Comments: —
Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

ATC Group Services LLC
GRAVIMETRIC (NOB) ANALYSIS SHEET

Client/Project: TOWN NORTH HEPSTEAD **PLM Batch #** 22-138 **Start Date:** 1/28/2022

NOB PLM PREP: MG/EV **NOB PLM Analyst:** MW **NOB TEM PREP:** SH **NOB TEM Analyst:** RP **Date Completed:** 1/31/2022

	5	11	12	9	13		Methods		
							NOB		
Field #	% Organic	Non Asb Residue % NFr	% Carbonate	Asbestos Types or Vermiculite	% Total Asbestos or Vermiculite	Notes	PREP	PLM	TEM
11	41.8	1.3	56.9	ND			✓	✓	✓
12	40.8	3.6	55.6	ND			✓	✓	✓
17	15.6	59.2	20.1	Chrysotile	**5.1**		✓	✓	
18	14.8	65.7	19.5	NA		Positive Stop	✓		
27	34.9	2.3	62.8	ND			✓	✓	✓
28	38.0	2.5	59.5	ND			✓	✓	✓
29	27.4	31.2	41.4	ND			✓	✓	✓
30	29.1	26.5	44.4	ND			✓	✓	✓
31	31.8	15.8	52.4	ND			✓	✓	✓
32	37.4	12.3	50.3	ND			✓	✓	✓

1. Methods:ELAP 198.6 198.4, EPA Interim Method 40CFR App E Subpt E, EPA 600/R-93/116.
2. Refer to PLM analysis sheet for NOB results and/or point count data.
3. Vermiculite not reported = not detected.

Client Copy

ATC Group Services LLC
GRAVIMETRIC (NOB) ANALYSIS SHEET

Client/Project: TOWN NORTH HEPSTEAD **PLM Batch #** 22-138 **Start Date:** 1/28/2022

NOB PLM PREP: MG/EV **NOB PLM Analyst:** MW **NOB TEM PREP:** SH **NOB TEM Analyst:** RP **Date Completed:** 1/31/2022

	5	11	12	9	13		Methods		
							NOB		
Field #	% Organic	Non Asb Residue % NFr	% Carbonate	Asbestos Types or Vermiculite	% Total Asbestos or Vermiculite	Notes	PREP	PLM	TEM
35	62.7	15.7	21.6	ND			✓	✓	✓
36	56.4	24.9	18.7	ND			✓	✓	✓
37	16.3	1.1	82.6	ND			✓	✓	✓
38	15.6	1.8	82.6	ND			✓	✓	✓
39	52.8	40.2	7.0	ND			✓	✓	✓
40	41.1	48.4	10.5	ND			✓	✓	✓
41	72.2	1.1	26.7	ND			✓	✓	✓
42	95.6	1.7	2.7	ND			✓	✓	✓
43	82.6	12.6	4.8	ND			✓	✓	✓
44	82.8	11.8	5.4	ND			✓	✓	✓

1. Methods:ELAP 198.6 198.4, EPA Interim Method 40CFR App E Subpt E, EPA 600/R-93/116.
2. Refer to PLM analysis sheet for NOB results and/or point count data.
3. Vermiculite not reported = not detected.

Client Copy

APPENDIX B

Photographic Log

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:
Town of North Hempstead Community Development Agency

SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590

ATC PROJECT #
Z214NH0004

UNITS TESTED: Unit 1, 2, Ground FL Retail Space

Photo No.	Date Taken:
1	08/17/2021

Description:

Exterior Side A

Street level view. Exterior window caulk, brick wall mortar cement.

Photo No.	Date Taken:
2	08/17/2021

Description:

Exterior Side B

Street level view

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:
Town of North Hempstead Community Development Agency

SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590

ATC PROJECT #
Z214NH0004

UNITS TESTED: Unit 1, 2, Ground FL Retail Space

Photo No.	Date Taken:
3	08/17/2021

Description:

Exterior Side C

Street level view; lower roof over annex.

Photo No.	Date Taken:
4	08/17/2021

Description:

Exterior Side D

Street level view

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:
Town of North Hempstead Community Development Agency

SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590

ATC PROJECT #
Z214NH0004

UNITS TESTED: Unit 1, 2, Ground FL Retail Space

Photo No.	Date Taken:
5	08/17/2021

Description:

Ground Floor Retail Space.

Wall plaster; white and brown coats.

Photo No.	Date Taken:
6	08/17/2021

Description:

Ground Floor Retail Space.

Wall plaster; white and brown coats, spot black wall mastic on the plaster wall.

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:	SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590	ATC PROJECT #
Town of North Hempstead Community Development Agency	UNITS TESTED: Unit 1, 2, Ground FL Retail Space	Z214NH0004

Photo No.	Date Taken:
7	08/17/2021

Description:

Ground Floor Retail Space.

Gypsum wallboard and associated joint compound.

Photo No.	Date Taken:
8	08/17/2021

Description:

Ground Floor Retail Space.

Brick wall coating (under interior wall plaster)

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:	SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590	ATC PROJECT #
Town of North Hempstead Community Development Agency	UNITS TESTED: Unit 1, 2, Ground FL Retail Space	Z214NH0004

Photo No.	Date Taken:
9	08/17/2021

Description:

2nd Floor Apartment; Kitchen

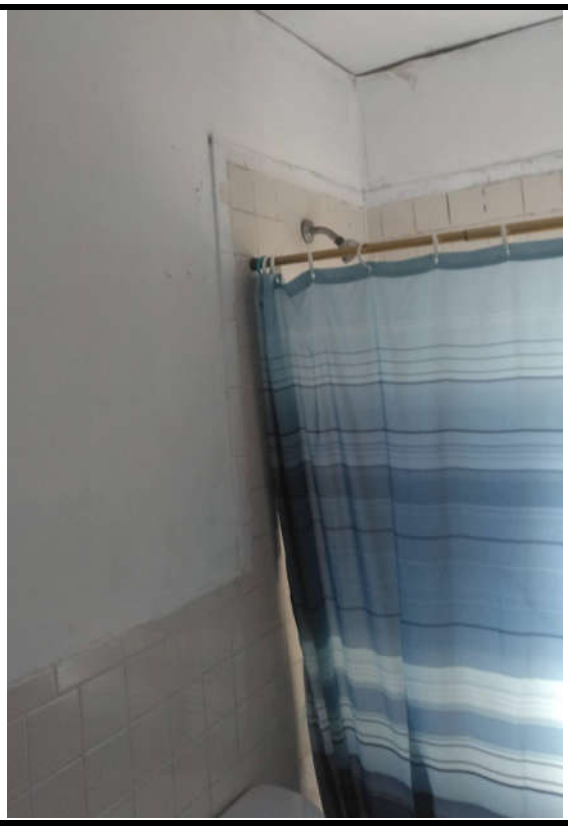
Gypsum wallboard and associated joint compound.

Photo No.	Date Taken:
10	08/17/2021

Description:

2nd Floor Unit; Bathroom

Ceramic wall and floor time tile grout and thinset mortar.



104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:	SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590	ATC PROJECT #
Town of North Hempstead Community Development Agency	UNITS TESTED: Unit 1, 2, Ground FL Retail Space	Z214NH0004

Photo No.	Date Taken:
11	08/17/2021

Description:

2nd Floor Unit; Living Room

Gypsum wallboard and associated joint compound. 12"x12" brown self-adhesive VFT; 1st layer.

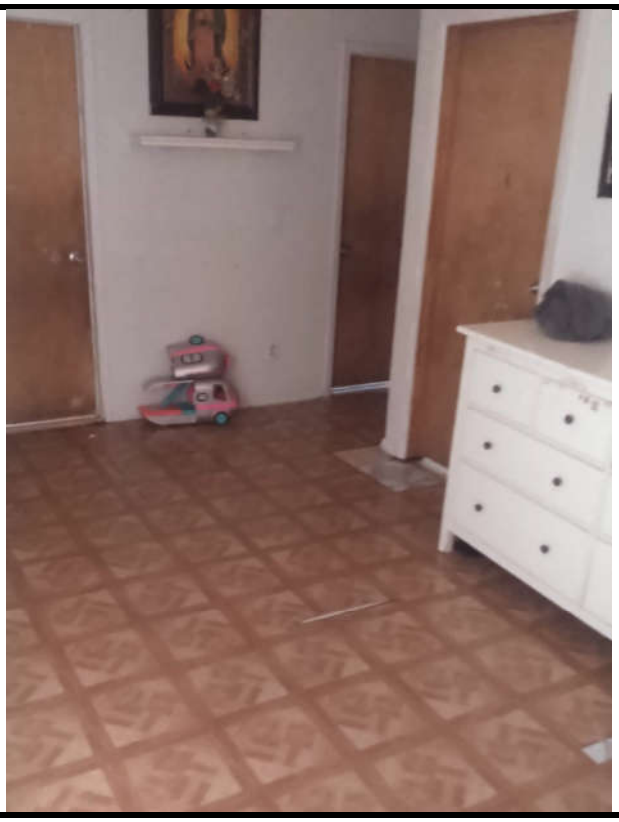


Photo No.	Date Taken:
12	08/17/2021

Description:

2nd Floor Unit; Hallway

1st layer 12"x12" brown self-adhesive VFT and 2nd layer 12"x12" beige self-adhesive VFT

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:	SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590	ATC PROJECT #
Town of North Hempstead Community Development Agency	UNITS TESTED: Unit 1, 2, Ground FL Retail Space	Z214NH0004

Photo No.	Date Taken:
13	08/17/2021

Description:

2nd Floor Unit; Bedroom

Gypsum wallboard and associated joint compound.

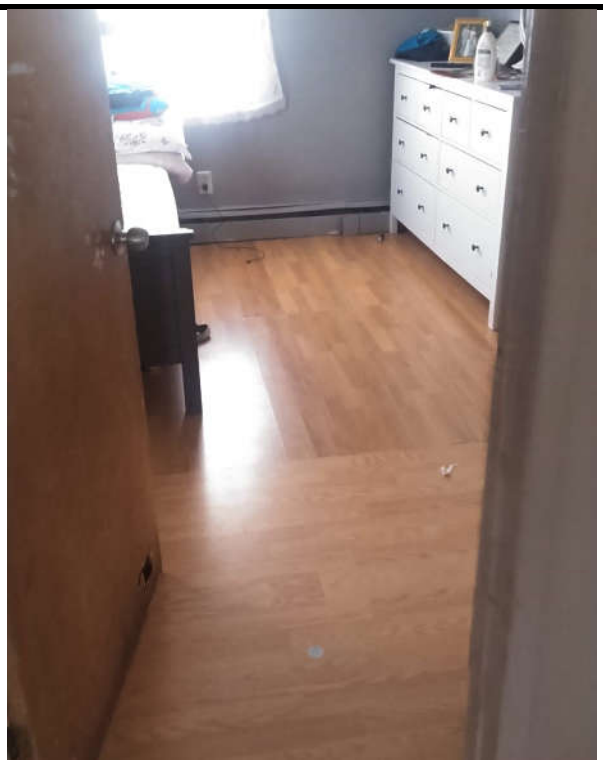


Photo No.	Date Taken:
14	08/17/2021

Description:

Basement

CMU foundation; no insulation present.

Appendix C
Report Certifications

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

ATC Group Services LLC
10th Floor
104 East 25th Street

New York, NY 10010

FILE NUMBER: 99-0121
LICENSE NUMBER: 29902
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 03/24/2021
EXPIRATION DATE: 03/31/2022

Duly Authorized Representative – Kevin Hamilton:

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

SH 432 (8/12)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2022
Issued April 01, 2021

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. MILENA BONEZZI
ATC GROUP SERVICES LLC
104 EAST 25TH STREET 8TH FLOOR
NEW YORK, NY 10010

NY Lab Id No: 10879

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 Material	Item 198.8 of Manual

Serial No.: 62825

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2022
Issued April 01, 2021

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. MILENA BONEZZI
ATC GROUP SERVICES LLC
104 EAST 25TH STREET 8TH FLOOR
NEW YORK, NY 10010

NY Lab Id No: 10879

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

Miscellaneous

Asbestos	40 CFR 763 APX A No. III
	NIOSH 7402
Fibers	NIOSH 7400 A RULES

Serial No.: 62826

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.

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

ATC Group Services LLC

104 East 25th St 8th Flr New York, NY 10010

Laboratory ID: LAP-100229

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: November 01, 2021
☐	**ENVIRONMENTAL LEAD**	Accreditation Expires:
☐	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires:
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Beth Bair

Elizabeth Bair
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 17: 09/11/2018

Date Issued: 08/30/2019

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

ATC Group Services LLC
104 East 25th St 8th Flr New York, NY 10010

Laboratory ID: LAP-100229
Issue Date: 08/30/2019

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 06/12/1995

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	-	NIOSH 7400 Modified	-

A complete listing of currently accredited IHLAP laboratories is available on the AIHA-LAP, LLC website at: *http://www.aihaaccreditedlabs.org*

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101187-0

ATC Group Services LLC

New York, NY

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

Asbestos Fiber Analysis

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

2016-07-01 through 2017-06-30

Effective Dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Voluntary Laboratory Accreditation Program

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

DAVID E GLASSMANN
CLASS(EXPIRES)
C ATEC(12/22) D INSP(12/22)
E MGPL(12/22) H PM (12/22)
I PD (12/22)

CERT# 92-20749
DMV# 620741238

MUST BE CARRIED ON ASBESTOS PROJECTS

01213 006206453 07

EYES HAZ
HAIR BRO
HGT 6' 00"

IF FOUND RETURN TO:
NYSDOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

746 Prospect Avenue

NEW CASSEL, NEW YORK

Limited Asbestos Survey Report

AKRF Project Number: 200225

Prepared for:

Mr. Neal Stone
Town of North Hempstead
220 Plandome Road
Manhasset, NY 11030

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, NY 10016
212-696-0670

AUGUST 2022

TABLE OF CONTENTS

TABLES

APPENDICES

1.0 INTRODUCTION

A limited asbestos-containing materials (ACM) survey was performed on August 8, 2022 at 746 Prospect Avenue in New Cassel, New York (the "Site"). Stephen Schmid, a New York State-certified Asbestos Inspector conducted the survey. AKRF's asbestos and lead license and worker certifications are included in Appendix A.

At the time of the site inspection, the second floor of the building was occupied, however, this area had been previously surveyed by ATC Group Services LLC on January 26, 2022. The first floor and basement were vacant and readily accessible. The scope of services included:

- Review of *ATC Group Services LLC (ATC), Pre-Construction Asbestos Survey, February 4, 2022;*
- Inspection of the Site to identify suspect ACM;
- Collection of representative samples of suspect ACM;
- Documentation of sampling locations on a Chain-of-Custody form; and
- Analysis of samples at a New York State Department of Health-approved laboratory.

ATC's report is included in Appendix B.

2.0 SURVEY AREA DISCUSSION

The Site consisted of an approximately 4,950-square foot two-story mixed-use commercial and residential building with a cellar. The cellar encompassed the entire footprint of the building and consisted of a vacant unfinished room with electric and water utility services and a poured concrete floor and walls. The first floor contained a vacant, former commercial space with a former washroom and/or bathroom. Interior finishing materials consisted of plywood and vinyl and ceramic tile flooring, and plaster and drywall walls and ceilings. The second floor consisted of occupied apartments and was not accessed by AKRF during this survey.

The building exterior was constructed with a brick façade and concrete skim coat with street level storefront windows on the first floor and apartment windows on the second floor. The roofs consisted of rolled on asphalt roofing on wood decking.

ATC's ACM survey was limited to the readily accessible interior and exterior building in both dwelling units and the commercial space located on the ground floor. ATC previously found the black interior coating (waterproofing) on the exterior brick walls to be ACM.

3.0 ASBESTOS SAMPLING AND ANALYTICAL METHODOLOGY

3.1 Sampling Rationale

Prior to demolition, building materials that could contain asbestos, referred to commonly as "suspect asbestos-containing materials," were sampled in accordance with applicable protocols. Limited destructive sampling was performed using hand tools. Additional suspect materials may be present below grade, behind walls, above ceilings or in other inaccessible areas.

3.2 Analytical Methodology

Samples were submitted to Alpha Labs, a New York State Department of Health Environmental Laboratory Approval Program (ELAP)-approved laboratory for analysis (ELAP #11833). Each sample was analyzed using Polarized Light Microscopy (PLM) methods. Materials that were found to contain greater than one percent (>1%) asbestos were identified as positive and classified as asbestos-containing. Other materials, in which either no asbestos was identified or trace amounts were detected (i.e., less than or equal to 1%), were classified as non-asbestos-containing. Samples were analyzed on a "positive-stop" basis, denoted as NA/PS on Table 1, i.e., once one sample of a material was determined to be ACM, other samples of the same material were not analyzed.

The PLM method has limitations when Non-Friable Organically Bound Materials (NOB) materials are analyzed. NOB materials that were found to be negative or trace asbestos by PLM methods were also analyzed by Transmission Electron Microscopy (TEM) methods, in accordance with ELAP requirements. Laboratory certifications are included in Appendix C.

4.0 ASBESTOS SUMMARY

4.1 Sampling Results

A summary of laboratory results of sampled suspect materials is included in Table 1. Analytical data sheets are included in Appendix D.

Table 1
Asbestos Sampling and Analysis Summary
746 Prospect Avenue
New Cassel, NY

Sample Number	Material	Location	Asbestos Percentage
1A	Asphalt Roofing – 1st Layer (Grey)	Exterior – 2nd Floor Roof	NAD
1B	Asphalt Roofing – 1st Layer (Grey)	Exterior – 2nd Floor Roof	NAD
1C	Asphalt Roofing – 1st Layer (Grey)	Exterior – 2nd Floor Roof	NAD
2A	Tar Paper – 2nd Layer on Wood Decking	Exterior – 2nd Floor Roof	NAD
2B	Tar Paper – 2nd Layer on Wood Decking	Exterior – 2nd Floor Roof	NAD
2C	Tar Paper – 2nd Layer on Wood Decking	Exterior – 2nd Floor Roof	NAD
3A	Asphalt Roofing – 1st Layer (Black)	Exterior – 2nd Floor Roof Parapets	Trace Chrysotile
3B	Asphalt Roofing – 1st Layer (Black)	Exterior – 2nd Floor Roof Parapets	Trace Chrysotile
3C	Asphalt Roofing – 1st Layer (Black)	Exterior – 2nd Floor Roof Parapets	Trace Chrysotile
4A	**Tar – 2nd Layer on Brick**	**Exterior – 2nd Floor Roof Parapets**	**NAD**
4B	**Tar – 2nd Layer on Brick**	**Exterior – 2nd Floor Roof Parapets**	**NAD**
4C	**Tar – 2nd Layer on Brick**	**Exterior – 2nd Floor Roof Parapets**	**3.9% Chrysotile**
5A	**Parapet Cap and Penetration Tar**	**Exterior – 2nd Floor Roof Parapets and Penetrations**	**6.9% Chrysotile**
5B	**Parapet Cap and Penetration Tar**	**Exterior – 2nd Floor Roof Parapets and Penetrations**	**NA/PS**

Sample Number	Material	Location	Asbestos Percentage
5C	**Parapet Cap and Penetration Tar**	**Exterior – 2nd Floor Roof Parapets and Penetrations**	**NA/PS**
6A	Yellow FT Mastic	1st Floor – Floors	NAD
6B	Yellow FT Mastic	1st Floor – Floors	NAD
7A	Black FT Mastic	1st Floor – Floors	NAD
7B	Black FT Mastic	1st Floor – Floors	NAD
8A	Leveling Compound	1st Floor – Floors	NAD
8B	Leveling Compound	1st Floor – Floors	NAD
9A	Flooring Mortar	1st Floor – Floors	NAD
9B	Flooring Mortar	1st Floor – Floors	NAD
10A	12x12" Black FT – 1st Layer	1st Floor – Floors	NAD
10B	12x12" Black FT – 1st Layer	1st Floor – Floors	NAD
11A	12x12" White FT – 1st Layer	1st Floor – Floors	NAD
11B	12x12" White FT – 1st Layer	1st Floor – Floors	NAD
12A	Grey with Spec FT – 2nd Layer	1st Floor – Floors	NAD
12B	Grey with Spec FT – 2nd Layer	1st Floor – Floors	NAD
13A	White with Spec FT – 2nd Layer	1st Floor – Floors	NAD
13B	White with Spec FT – 2nd Layer	1st Floor – Floors	NAD
14A	White FT – 3rd Layer	1st Floor – Floors	NAD
14B	White FT – 3rd Layer	1st Floor – Floors	NAD
15A	Concrete Skim Coat	Exterior – 1-story walls	NAD
15B	Concrete Skim Coat	Exterior – 1-story walls	NAD
15C	Concrete Skim Coat	Exterior – 1-story walls	NAD
16A	Block Mortar	Exterior – 2-story walls	NAD
16B	Block Mortar	Exterior – 2-story walls	NAD

Notes: NAD=No Asbestos Detected
NA/PS=Not Analyzed/Positive Stop
Chrysotile is a type of asbestos fiber
ACM samples are in bold

4.2 Approximate Totals by Type of ACM

As indicated by the analytical results, parapet roofing tar, and parapet cap and roof penetration tar were determined to be ACM. According to ATC's report, the black interior coating on the exterior brick walls was determined to be ACM. The type and estimated quantities of asbestos-containing materials are included in Table 2.

Table 2
Asbestos-Containing Materials by Type and Location
746 Prospect Avenue
New Cassel, NY

Material	Sketch ID	Location	Estimated Quantity
AKRF Results			
Tar	1	Exterior – 2nd Floor Roof Parapets on Brick	250 SF
Tar	2	Exterior – 2nd Floor Roof Parapet Caps and Roof Penetrations	150LF
ATC Results			
Brick Coating	3	Interior – Brick Coating Behind Drywall	2,500 SF

Note: SF = Square Feet
LF = Linear Feet

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon laboratory analysis of suspect ACMs, roofing materials including parapet tar, and parapet cap and penetration tar were determined to be ACM. According to ATC's report, the black interior coating of the exterior brick walls was determined to be ACM. The ATC report estimated the quantity of brick wall coating to be 800 square feet; however based on the apparent construction of the building, and assuming the coating extends to the second floor, AKRF estimated the total quantity on both floors to be approximately 2,500 square feet. Asbestos locations sketches are provided in Appendix E.

ACM to be disturbed by renovation activities must be removed by a licensed asbestos abatement contractor prior to any disturbance. Prior to demolition activities, all ACM must be removed from the building.

Although not considered ACM, exterior asphalt parapet roofing that contains trace (<1.0%) asbestos was identified. Applicable sections of the OSHA Asbestos Construction Standard (29 CFR 1926.1101) must be complied with for this material.

6.0 LIMITATIONS

Results of this investigation are valid as of the dates on which the investigation was performed. Additional suspect ACM may be present below grade, behind walls, above ceilings, inside mechanical equipment, or in other inaccessible areas. AKRF's survey area included the vacant commercial space on the first floor and the building exterior.

This survey report is not an abatement specification and should not be used for specifying removal quantities, methods or techniques.

The findings set forth in this report are strictly limited in scope of the evaluation described herein. The conclusions and recommendations presented in the report are based solely on the services and any limitations described in this report. This report may be based solely or partially on data collected, conducted, and provided by AKRF and/or others. No warranty is expressed or implied by usage of such data. Such data may be included in other investigation reports or documentation. This report is intended

for the use solely for the Town of North Hempstead. Reliance by third parties on the information and opinions contained herein is strictly prohibited and requires the written consent of AKRF. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

APPENDIX A
ARKF'S ASBESTOS HANDLING LICENSE AND WORKER CERTIFICATIONS

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

AKRF, Inc.

440 Park Avenue South

New York, NY 10016

FILE NUMBER: 17-105225
LICENSE NUMBER: 105225
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 12/17/2021
EXPIRATION DATE: 12/31/2022

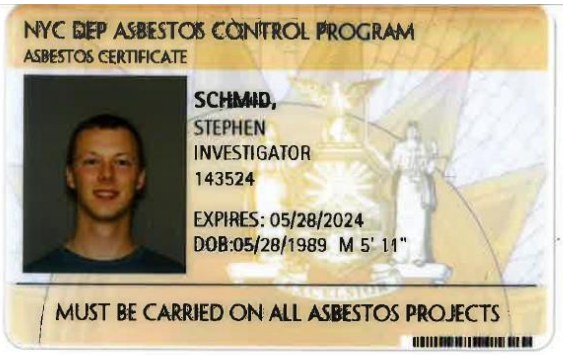
Duly Authorized Representative – Michelle Lapin PE:

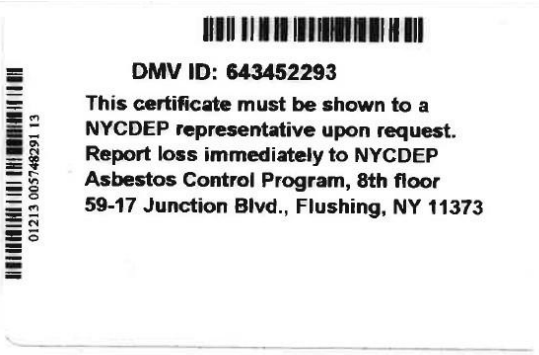
This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with 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.

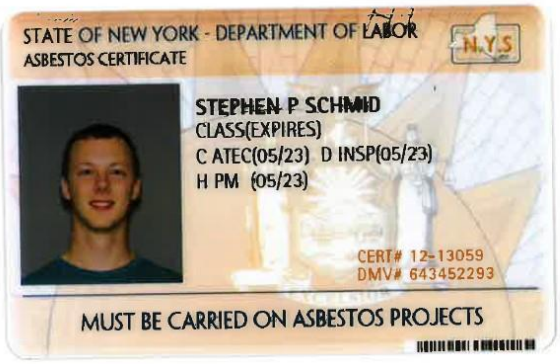
This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate,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

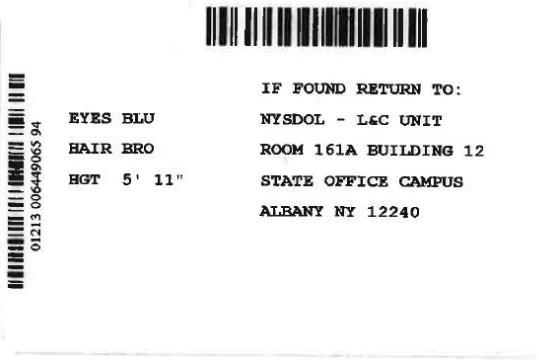
Amy Phillips, Director
For the Commissioner of Labor

SH 432 (8/12)









Stephen P. Schmid

Inspector 12-13059

Investigator 143524

APPENDIX B
PREVIOUS REPORT

PRE-CONSTRUCTION ASBESTOS SURVEY REPORT

Prepared For:

TOWN OF NORTH HEMPSTEAD COMMUNITY DEVELOPMENT AGENCY
977 Hicksville Road,
Massapequa, NY 11778

Site:

746 Prospect Avenue, Westbury, NY 11590

Prepared by:

ATC GROUP SERVICES LLC
104 East 25th Street, 8th Floor
New York, NY 10010
ATC Project #Z214NH0004

February 4, 2022

TABLE OF CONTENTS

EXECUTIVE SUMMARY

Town of North Hempstead Community Development Agency (the Client) contracted Atlas Technical Consultants, dba ATC Group Services LLC (ATC) to perform a limited asbestos survey at 746 Prospect Avenue, Westbury, NY 11590 (the Site). As per requested by the Client, this asbestos survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at the Site. This report presents the findings from the limited asbestos survey ATC conducted at the Site, as per the scope of work specified by the Client.

ES 1 Asbestos Sampling Summary

The United States Environmental Protection Agency (US EPA) and New York State asbestos regulations define Asbestos Containing Material (ACM) as a material with greater than 1 percent (>1%) asbestos content.

The site is the two-story two-family residential building with a commercial space located within the ground floor level. This ACM survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at the Site. ATC performed ACM survey within both dwelling units and the commercial space located on the ground floor. On January 26, 2022, licensed ATC representative Davis Glassmann visually surveyed readily accessible interior and exterior building materials at the Site and collected bulk samples from applicable suspect asbestos-containing materials. Mr. Glassmann is the certified New York State Department of Labor (NYS DOL) Asbestos Inspector (NYS DOL license number 92-20749).

Mr. Glassmann collected a total of forty-four (44) bulk samples of suspected asbestos-containing materials (SACM) from twenty-one (21) homogenous areas at the Site. Overall, twenty-four (24) samples were analyzed via Polarized Light Microscopy (PLM) methodology and nineteen (19) samples were analyzed via Transmission Electron Microscopy (TEM) methodology for Non-Friable Organically Bound (NOB) materials. There was one (1) "positive stop".

Based on the results of laboratory analysis, **one (1) sampled homogeneous area has been confirmed as Asbestos-Containing Material** (greater than 1% asbestos). Table ES 1 below presents all ACMs identified at the Site during this survey.

Table ES 1: Identified Asbestos-Containing Materials

Homogeneous Area ID #	Sampling Location	Material Description	Asbestos Content (via TEM Analysis)	Estimated Quantity
8	1st Floor	Brick wall coating	**5.1% Chrysotile**	800 SF

ATC provided all laboratory asbestos analytical services in support of this project. ATC is certified by the New York State Department of Health's Environmental Laboratory Accreditation Program to perform asbestos and related analyses of environmental samples (Laboratory ID Number: 10879).

Copies of the asbestos Laboratory Analysis Reports, Chain of Custody Forms, and Site Plans identifying sample locations are presented in *Appendix A.* Photographs taken at the Site may be found in *Appendix B*. Copies of ATC Personnel Licenses and Laboratory Accreditations are presented in *Appendix C.*

1.0 SCOPE OF SERVICES

Town of North Hempstead Community Development Agency (the Client) contracted Atlas Technical Consultants, dba ATC Group Services LLC (ATC) to perform a limited asbestos survey at 746 Prospect Avenue, Westbury, NY 11590 (the Site). The site is the two-story two-family residential building with a commercial space located within the ground floor level. As requested by the Client, this ACM survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at the Site. This report presents the findings from the limited asbestos survey ATC conducted at the Site, as per the scope of work specified by the Client.

The investigative asbestos survey was conducted on January 26, 2022, by ATC's licensed asbestos professional Davis Glassmann. Mr. Glassmann is the certified New York State Department of Labor (NYS DOL) Asbestos Inspector (NYS DOL license numbers 92-20749). Copies of all training certificates and licenses may be found in *Appendix C.*

2.0 ASBESTOS SURVEY

Licensed ATC representative Davis Glassmann visited the Site on January 26, 2022. This ACM survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at the Site. Mr. Glassmann visually surveyed applicable interior and exterior building materials at the Site and collected bulk samples from applicable suspect asbestos-containing materials. ATC collected a total of forty-four (44) bulk samples of suspected asbestos-containing materials from twenty-one (21) homogenous areas at the Site. Asbestos Reports of Laboratory Analysis and Chain of Custody documentation are provided in *Appendix A.* Copies of licenses and certifications may be found in *Appendix C*.

2.1 Asbestos Threshold Levels

The United States Environmental Protection Agency (US EPA) and New York State asbestos regulations define Asbestos Containing Material (ACM) as a material with greater than 1 percent (>1%) asbestos content.

2.2 Analytical Methods

ATC provided all laboratory asbestos analytical services in support of this project. ATC is certified by the New York State Department of Health's Environmental Laboratory Accreditation Program to perform asbestos and related analyses of environmental samples (Laboratory ID Number: 10879; NVLAP 101187; ELAP 10879). The Polarized Light Microscopy (PLM) is primarily a qualitative identification method whereby asbestos percentage, if any, is estimated.

The New York State Department of Health has revised the PLM Stratified Point Counting Method since it was determined that analysis of Non-Friable Organically Bound (NOB) materials is not reliably performed by Polarized Light Microscopy (PLM) Methods alone. The new method, "Polarized Light Microscopy Methods for Identifying and Quantifying Asbestos in Bulk Samples", specifies a procedure of analysis for bulk samples that fall into the category of (NOB). This category includes any sample in a flexible to rigid asphalt or vinyl matrix (floor tiles, mastic, roofing materials, etc.).

Additional materials that may fall into this category are textured paints and stucco, pipe valve and joint packing, and a variety of other applications. If initial PLM yields results of 1-percent asbestos or less, the result must be confirmed by Transmission Electron Microscopy (TEM) methodology. In accordance with the NYS asbestos regulations, all NOB samples with initial negative PLM result were analyzed via TEM methodology. Overall, twenty-four (24) samples were analyzed via Polarized Light Microscopy (PLM) methodology and nineteen (19) samples were analyzed via Transmission Electron Microscopy (TEM) methodology for Non-Friable Organically Bound (NOB) materials. There was one (1) "positive stop".

2.3 Asbestos Sampling Results

ATC collected a total of forty-four (44) bulk samples of Suspected Asbestos-Containing Materials (SACM) from twenty-one (21) homogenous areas at the Site. Based on the laboratory results of analysis, **one (1) sampled homogeneous area has been confirmed as Asbestos-Containing** (>1% asbestos). Table below lists analytical results for all bulk samples collected at the Site during this survey.

Table 2.3.1: January 26, 2022, Asbestos Survey Analytical Results

Homogeneous Area ID #	Sample ID	Sampling Location	Material Sampled	Asbestos Content via PLM (%)	Asbestos Content via TEM/NOB (%)
1	1	1st FL retail space	Gypsum wallboard	ND	N/A
	2	2nd FL residential space	Gypsum wallboard	ND	N/A
2	3	1st FL retail space	Wallboard joint compound	ND	N/A
	4	2nd FL residential space	Wallboard joint compound	ND	N/A
3	5	1st FL retail space	Wall plaster; white coat	ND	N/A
	6	1st FL retail space	Wall plaster; white coat	ND	N/A
	7	1st FL retail space	Wall plaster; white coat	ND	N/A
4	8	1st FL retail space	Wall plaster; brown coat	ND	N/A
	9	1st FL retail space	Wall plaster; brown coat	ND	N/A
	10	1st FL retail space	Wall plaster; brown coat	ND	N/A
5	11	1st FL retail space	Spot black wall mastic	ND	ND

Homogeneous Area ID #	Sample ID	Sampling Location	Material Sampled	Asbestos Content via PLM (%)	Asbestos Content via TEM/NOB (%)
5	12	1st FL retail space	Spot black wall mastic	ND	ND
6	13	1st FL retail space	Ceramic wall tile grout	ND	N/A
	14	1st FL retail space	Ceramic wall tile grout	ND	N/A
7	15	1st FL retail space	Ceramic wall tile thinset mortar	ND	N/A
	16	1st FL retail space	Ceramic wall tile thinset mortar	ND	N/A
8	**17**	**1st Floor**	**Brick wall coating**	**8% Chrysotile**	**5.1% Chrysotile**
	18	**1st Floor**	**Brick wall coating**	**PS**	**PS**
9	19	2nd FL Apt. Bathroom	Wall tile grout	ND	N/A
	20	2nd FL Apt. Bathroom	Wall tile grout	ND	N/A
10	21	2nd FL Apt. Bathroom	Wall tile thinset mortar	ND	N/A
	22	2nd FL Apt. Bathroom	Wall tile thinset mortar	ND	N/A
11	23	2nd FL Apt. Bathroom	Floor tile grout	ND	N/A
	24	2nd FL Apt. Bathroom	Floor tile grout	ND	N/A
12	25	2nd FL Apt. Bathroom	Floor tile thinset mortar	ND	N/A
	26	2nd FL Apt. Bathroom	Floor tile thinset mortar	ND	N/A
13	27	2nd FL Apt. Living Room	12”x12” brown self-adhesive VFT; 1st layer	ND	ND
	28	2nd FL Apt. Living Room	12”x12” brown self-adhesive VFT; 1st layer	ND	ND
14	29	2nd FL Apt.	12”x12” beige self-adhesive VFT; 2nd layer	ND	ND
	30	2nd FL Apt.	12”x12” beige self-adhesive VFT; 2nd layer	ND	ND
15	31	Basement	Window glaze	ND	ND

Homogeneous Area ID #	Sample ID	Sampling Location	Material Sampled	Asbestos Content via PLM (%)	Asbestos Content via TEM/NOB (%)
15	32	Basement	Window glaze	ND	ND
16	33	Exterior; East elevation	Brick mortar cement	ND	N/A
	34	Exterior; West elevation	Brick mortar cement	ND	N/A
17	35	1st FL level; North elevation	Exterior window caulk	ND	ND
	36	1st FL level; North elevation	Exterior window caulk	ND	ND
18	37	2nd FL; South elevation	Exterior window caulk	ND	ND
	38	2nd FL; West elevation	Exterior window caulk	ND	ND
19	39	Lower roof	Roof membrane; layer 1	ND	ND
	40	Lower roof	Roof membrane; layer 1	ND	ND
20	41	Lower roof	Roof membrane tar paper - layer 2	ND	ND
	42	Lower roof	Roof membrane tar paper - layer 2	ND	ND
21	43	Lower roof	Roof flashing	ND	ND
	44	Lower roof	Roof flashing	ND	ND

Abbreviations: **ND** – Not Detected, **N/A** – Not Analyzed, **PS** – Positive Stop/Not Analyzed

Asbestos Laboratory Analysis Reports Chain of Custody Forms, and Site Plans identifying sample locations are presented in *Appendix A.* Photographs taken at the Site may be found in *Appendix B*. Copies of ATC Personnel Licenses and Laboratory Accreditations are presented in *Appendix C.*

3.0 LIMITATIONS OF THE INVESTIGATION

Atlas Technical Consultants, dba ATC Group Services LLC (ATC) asbestos sampling results are applicable for the locations tested at time that the testing was conducted and for the condition of the building materials at the time they were sampled. As per requested by the Client, this ACM survey was limited to the readily accessible interior and exterior building materials to be impacted during the scheduled renovation work at 746 Prospect Avenue, Westbury, NY 11590 (the Site).

If questions arise regarding asbestos content in building materials that were not sampled by ATC, then additional testing services should be procured to sample those building materials for asbestos. ATC makes no representation or warranty concerning the standards and specifications provided in applicable asbestos regulations.

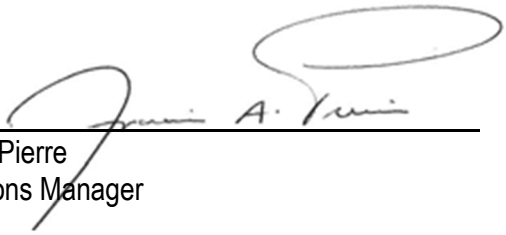
4.0 CERTIFICATION OF RESULTS

This report has been prepared for the exclusive use of Town of North Hempstead Community Development Agency (the Client). ATC acknowledges that Town of North Hempstead Community Development Agency may rely on this report in the management of the property. Photocopying of this document, in part or whole, by parties other than those designated by the Town of North Hempstead Community Development Agency or use of this document for purposes other than it is intended, is prohibited.

February 4, 2022

Pavel Mashenko
NYS DOL Certified Asbestos Inspector
Sr. Project Manager

Date



February 4, 2022

Francis Pierre
Operations Manager

Date

APPENDIX A

Asbestos Bulk Sampling Analytical Results
Bulk Sample Chain of Custody Documentation
Sample Locations Site Plan

SITE PLAN

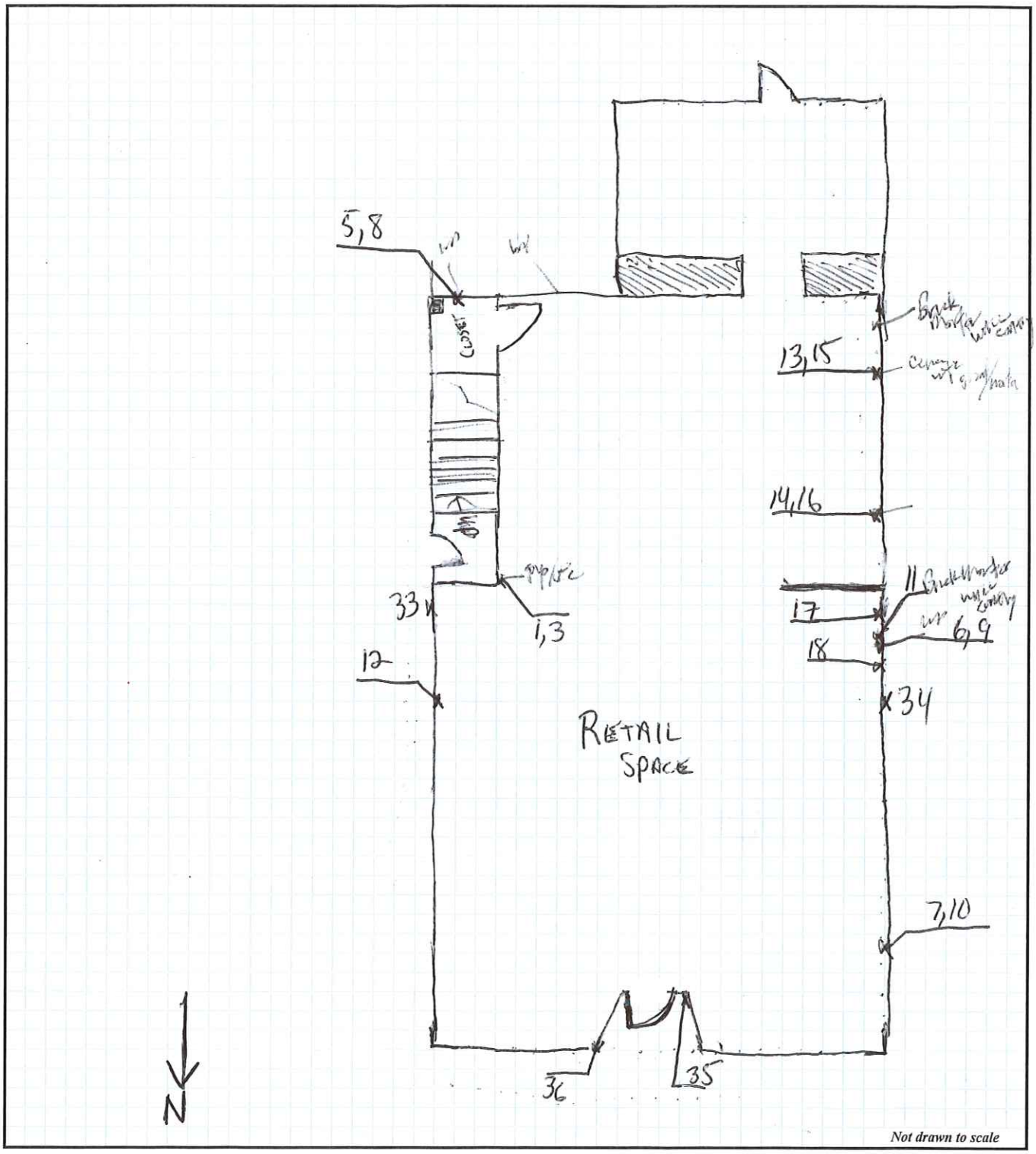
Client: Town of North Hempstead Comm. Development Agency **Project #** Z214NH0004 **Insp. Date:** 1/26/2022

Site Address: 746 Prospect Avenue, Westbury, NY 11590

Homeowner:

Inspector's Name: David Glassmann **Signature:**

Note: 1st Floor



SITE PLAN

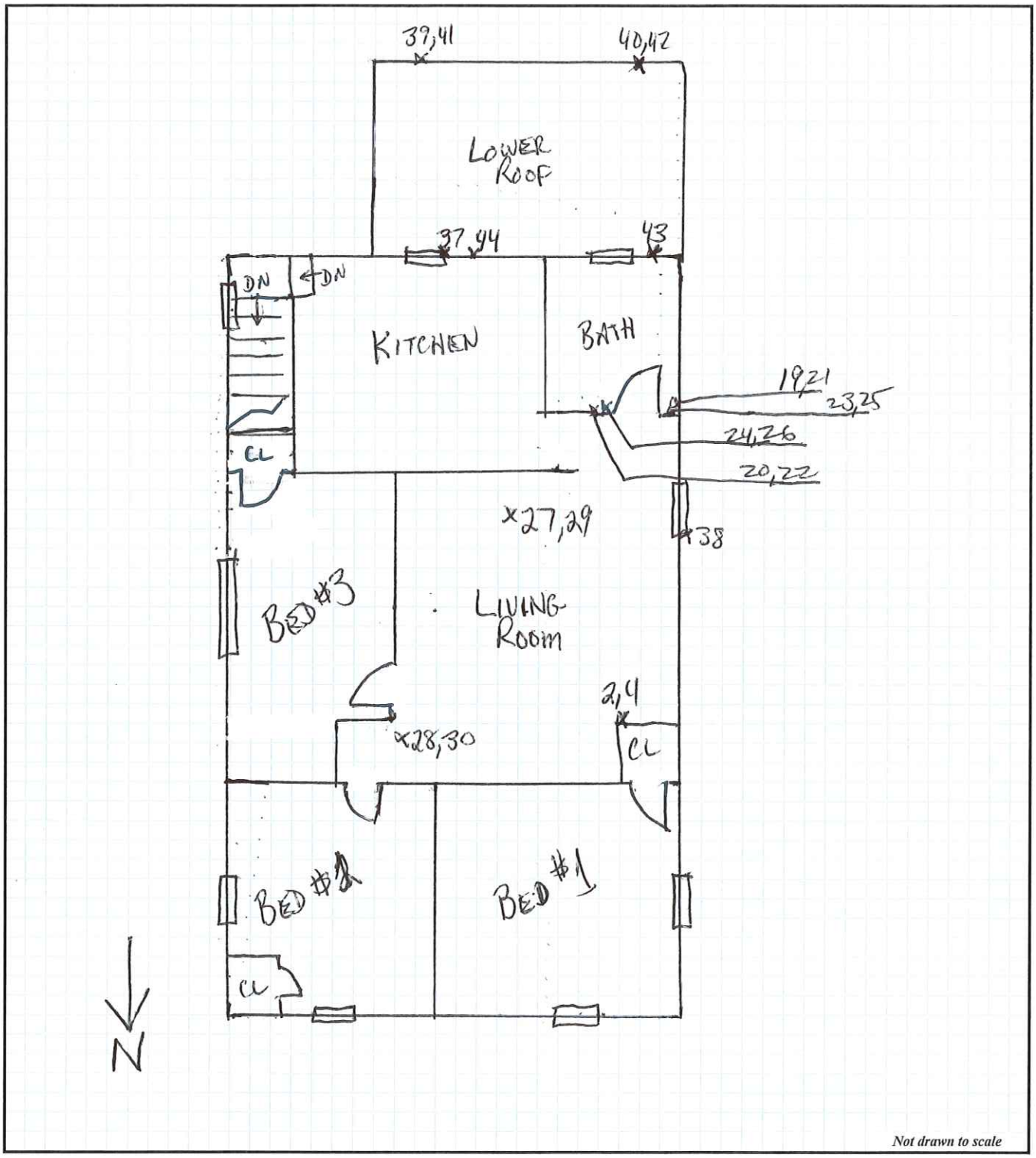
Client: Town of North Hempstead Comm. Development Agency Project # Z214NH0004 Insp. Date: 1/26/2022

Site Address: 746 Prospect Avenue, Westbury, NY 11590

Homeowner:

Inspector's Name: David Glassmann Signature:

Note: 2nd FLOOR



SITE PLAN

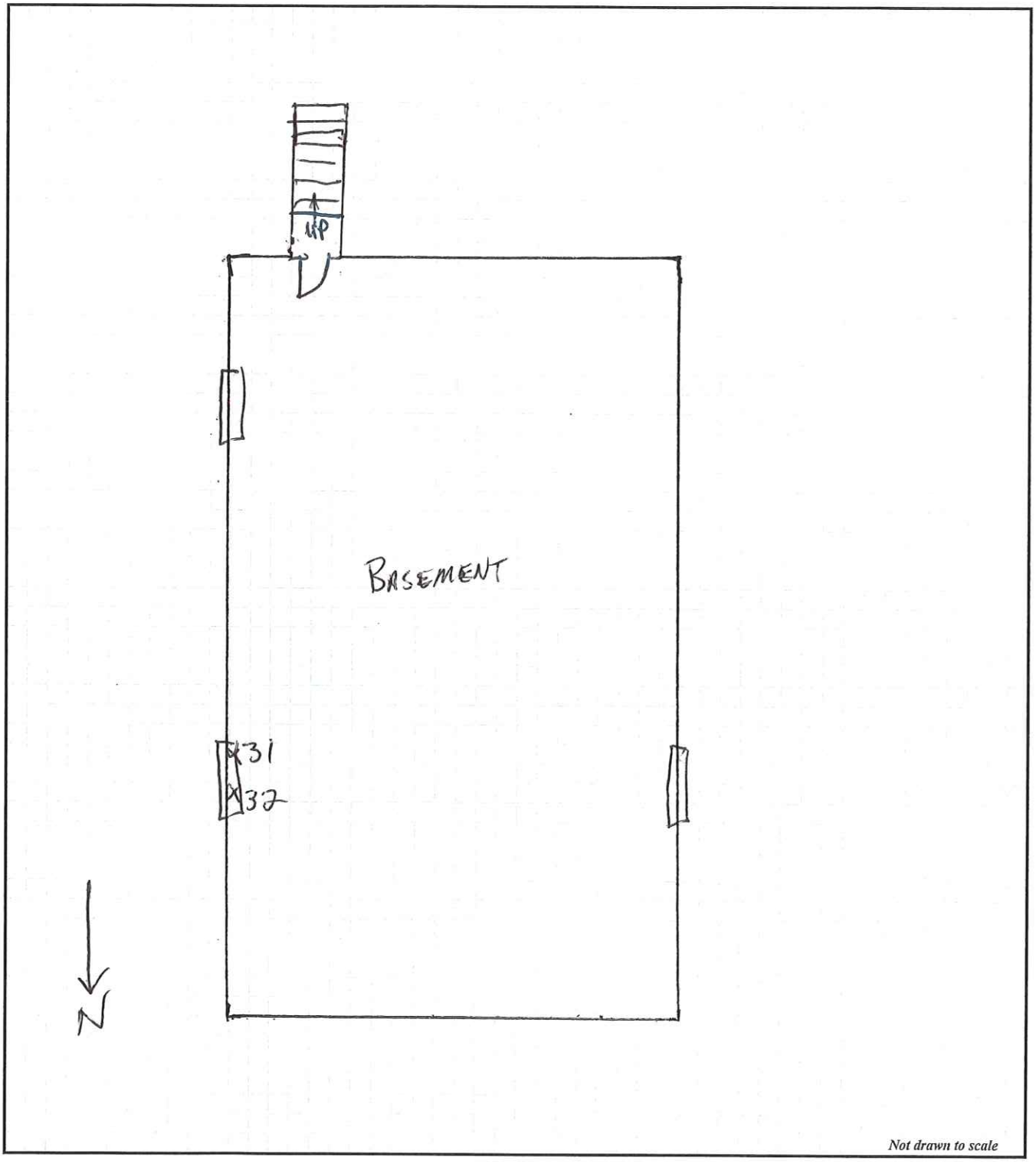
Client: Town of North Hempstead Comm. Development Agency Project # Z214NH0004 Insp. Date: 1/26/2022

Site Address: 746 Prospect Avenue, Westbury, NY 11590

Homeowner:

Inspector's Name: David Glassmann Signature:

Note: BASEMENT



Not drawn to scale

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

ATLAS

PROJECT INFORMATION

BATCH #: 22-138

1. Client:	2. Project Name:	3a. Atlas Project No.:	4a. Project Manager:
TOWN OF NORTH HEMPSTEAD	Pre-Construction ACM Survey	Z214NH0004	P. Mashenko
	2a. Project Address:	3b. Task No.:	4b. Inspector:
	746 Prospect Avenue, Westbury, NY 11590	0001	David Glassmann

5. Date:	6. Homeowner Name:	8. Turnaround Time:	9. Comment s (Field)
1/26/2022		o STAT ⊗24 HRS o 72 HRS o OTHER o 6 HRS o 48 HRS o NORMAL _____	Stop @ 1st Pos. for each HA NOB->TEM. Email results to: pavel.mashenko@oneatlas.com
	7. Sampling Areas: Interior, Exterior		

BULK SAMPLE LOCATION

10. Homogenous Area No.	11. Bulk Sample ID No.	12. Material	13. Thermal System, TSI, Misc.	14. Sample Location: Floor	14. Sample Location: Sample Coordinates	15. Material Total Qty. (LF, SF, PCS)	16. Asbestos Content (Type & %)
1	1	gypsum board	misc	1	Retail Space	3000 SF	
↓	2	↓	↓	2	Residential		
2	3	Joint Compound	↓	1	Retail Space	800 SF	
↓	4	↓	↓	2	Residential		
3	5	Wall plaster - white coat	SM	1	Retail Space	350 SF	
↓	6	↓	↓	↓	↓		
↓	7	↓	↓	↓	↓		
4	8	- brown coat	↓	↓	↓	350 SF	
↓	9	↓	↓	↓	↓		
↓	10	↓	↓	↓	↓		
5	11	Spot Black wall mastic	misc	↓	west wall	3 SF	
↓	12	↓	↓	↓	↓		
6	13	Ceramic wall tile grout	↓	↓	- west wall	140 SF	
↓	14	↓	↓	↓	↓		
7	15	thinset	↓	↓	↓	140 SF	
↓	16	↓	↓	↓	↓		
8	17	Black coating on wall	↓	↓	- East wall	800 SF	
↓	18	↓	↓	↓	- West wall		

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submittal	
I. David Glassmann	1/26/2022	18:00	E. Velez	1/27/2022	12:02 pm	Field	
II.						Walk In	
III.						US Mail	
						Fed-Ex	
						Other	

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By:	1/27/2022	8:00	
24b. Analyzed By:	1/28/22	11	
24c. QC By:			

TEM & PLM Reanalysis 1/31/22 15:00

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

BATCH #: 22-138

1. Client:	2. Project Name:	3a. Atlas Project No.:	4a. Project Manager:
TOWN OF NORTH HEMPSTEAD	Pre-Construction ACM Survey	Z214NH0004	P. Mashenko
	2a. Project Address:	3b. Task No.:	4b. Inspector:
	746 Prospect Avenue, Westbury, NY 11590	0001	David Glassmann

5. Date:	6. Homeowner Name:	8. Turnaround Time:	9. Comment s (Field)
1/26/2022		o STAT ☒ 24 HRS o 72 HRS o OTHER o 6 HRS o 48 HRS o NORMAL _____	Stop @ 1st Pos. for each HA NOB->TEM. Email results to: pavel.mashenko@oneatlas.com
	7. Sampling Areas: Interior, Exterior		

BULK SAMPLE LOCATION

10. Homogenous Area No.	11. Bulk Sample ID No.	12. Material	13. Thermal System, TSI, Misc.	14. Sample Location: Floor	14. Sample Location: Sample Coordinates	15. Material Total Qty. (LF, SF, PCS)	16. Asbestos Content (Type & %)
9	19	Ceramic wall tile grout	misc	2	BATHROOM	110 SF	
↓	20	↓ ↓ ↓ ↓	↓	↓	↓		
10	21	↓ ↓ ↓ thinset				110 SF	
↓	22	↓ ↓ ↓ ↓					
11	23	Ceramic floor tile grout				60 SF	
↓	24	↓ ↓ ↓ ↓					
12	25	↓ ↓ ↓ mortar				60 SF	
↓	26	↓ ↓ ↓ ↓			↓		
13	27	12"x12" Brown self-adhesive			Living Room	600 SF	
↓	28	Vinyl floor tile-Layer 1			↓		
14	29	12"x12" Beige self-adhesive				600 SF	
↓	30	vinyl floor tile-Layer 2					
15	31	window glaze		Basement	Basement - East - one window	2 SF	
↓	32	↓		↓	↓		
16	33	Brick Mortar		OSP	East Elevation		
↓	34	↓		↓	WEST		
17	35	Exterior window caulk		1	North	8 SF	
↓	36	↓	↓	↓	↓		

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submittal	
I. David Glassmann	1/26/2022	1805	E-Deliver Eng	1/27/2022	12:02pm	Field	
II.						Walk In	
III.						US Mail	
						Fed-Ex	
						Other	

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By:	1/27/22	8:00	
24b. Analyzed By:	1/28/22	10:45	
24c. QC By:			

TEM & PLM Reanalysis 1/31/22 15:00

ATLAS

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

BATCH #: 22-138

1. Client:	2. Project Name:	3a. Atlas Project No.:	4a. Project Manager:
TOWN OF NORTH HEMPSTEAD	Pre-Construction ACM Survey	Z214NH0004	P. Mashenko
	2a. Project Address: 746 Prospect Avenue, Westbury, NY 11590	3b. Task No.: 0001	4b. Inspector: David Glassmann

5. Date:	6. Homeowner Name:	8. Turnaround Time:	9. Comment s (Field)
1/26/2022	7. Sampling Areas: Interior, Exterior	o STAT ☒ 24 HRS o 72 HRS o OTHER o 6 HRS o 48 HRS o NORMAL ______	Stop @ 1st Pos. for each HA NOB->TEM. Email results to: pavel.mashenko@oneatlas.com

BULK SAMPLE LOCATION

10. Homogenous Area No.	11. Bulk Sample ID No.	12. Material	13. Thermal System, TSI, Misc.	14. Sample Location – Floor	Sample Coordinates	15. Material Total Qty. (LF, SF, PCS)	16. Asbestos Content (Type & %)
18	37	Exterior window caulk	MISC	2	South Elevation	20 SF	
↓	38	↓	↓	↓	West ↓		
19	39	Roof Membrane Asphalt Layer 1	↓	Roof	Lower Roof	150 SF	
↓	40	↓ ↓	↓	↓	↓		
20	41	↓ tarpaper-layer 2	↓	↓	↓		
↓	42	↓ ↓	↓	↓	↓		
21	43	Roof Flashing	↓	↓	↓	65 SF	
↓	44	↓	↓	↓	↓		

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submittal
I. David Glassmann [signature]	1/26/2022	1800	E. Velez [signature]	1/27/2022	12:02 pm	Field
II.						Walk In
						US Mail
III.						Fed-Ex
						Other

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By: [signature]	1/27/22	8:00	
24b. Analyzed By: [signature]	1/28/22	11:[illegible]	
24c. QC By:			

TEM QC [signature] 1/31/22 13:00

ATLAS ATC

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104 East 25th Street, 8th FL, New York, NY 10010
Phone: (212) 353-8280, Fax: (212) 353-3599 or 8306

Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: [illegible] — Batch Number: 22-138 — TEMPERATURE °C: 22

Field Number: 1

Stereoscopic Exam

Gravimetric — Required ☐ — Recommended ☐ — See gravimetric analysis sheet for results ☐

Color: Grey — Texture: 6 — Homogeneity: 1 — Vermiculite: — — # of Layers: — — Asbestos: — — Color of Layer: — — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

Chrysotile: — Amosite: — Other: /

Other Fibrous PLM %

Cellulose: 100 — Fiberglass: — Other: —

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

Mineral Filler: — Organic Binders: — Vermiculite*: 0 — Other: —

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0								0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

Field Number: 2

Stereoscopic Exam

Gravimetric — Required ☐ — Recommended ☐ — See gravimetric analysis sheet for results ☐

Color: Grey — Texture: 6 — Homogeneity: 1 — Vermiculite: — — # of Layers: — — Asbestos: — — Color of Layer: — — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

Chrysotile: — Amosite: — Other: /

Other Fibrous PLM %

Cellulose: — Fiberglass: — Other: —

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0								0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

Field Number: 3

Stereoscopic Exam

Gravimetric — Required ☐ — Recommended ☐ — See gravimetric analysis sheet for results ☐

Color: [illegible] — Texture: 6 — Homogeneity: 1 — Vermiculite: — — # of Layers: — — Asbestos: — — Color of Layer: — — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

Chrysotile: — Amosite: — Other: /

Other Fibrous PLM %

Cellulose: — Fiberglass: — Other: —

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0								0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

Field Number: 4

Stereoscopic Exam

Gravimetric — Required ☐ — Recommended ☐ — See gravimetric analysis sheet for results ☐

Color: [illegible] — Texture: 6 — Homogeneity: 1 — Vermiculite: — — # of Layers: — — Asbestos: — — Color of Layer: — — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

Chrysotile: — Amosite: — Other: /

Other Fibrous PLM %

Cellulose: — Fiberglass: — Other: —

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0								0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

ATLAS ATC

ATC - New York

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Phone: (212) 353-8280, Fax: (212) 353-3599 or 8306

Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number: Z214NH0004

Analysis Date: 1/7/2022 Analyst: Batch Number: 22-138 TEMPERATURE °C: 2

1 — Field Number 5

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color white Texture 6
Homogeneity 7 Vermiculite —
# of Layers — Asbestos —
Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

2 — Field Number 6

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color white Texture 6
Homogeneity 7 Vermiculite —
# of Layers — Asbestos —
Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

3 — Field Number 7

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color white Texture 6
Homogeneity 7 Vermiculite —
# of Layers — Asbestos —
Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

4 — Field Number 8

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color brown Texture 6
Homogeneity 7 Vermiculite —
# of Layers — Asbestos —
Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

ATLAS ATC

ATC - New York

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Phone: (212) 353-8280, Fax: (212) 353-3599 or 8306

Accreditations: NVLAP 101187-0 ELAP 10879

Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE
Project Number: Z214NH0004
Analysis Date: 1/27/2022
Analyst: [signature]
Batch Number: 22-138
TEMPERATURE °C: 2[illegible]

Sample 1 — Field Number 9

Stereoscopic Exam	
Color	Brown
Texture	G
Homogeneity	Y
Vermiculite	—
# of Layers	
Asbestos Detected Yes No	—
Color of Layer	

PLM Optical Properties: Morph, Extinction, RI ⊥, RI ∥, DS Color, Color, Pleo, Biref, Sign, Other, Identity — (blank)

Asbestos Results PLM %: Chrysotile / Amosite / Other — (none)

Other Fibrous PLM %: Cellulose — ; Fiberglass — ; Other —

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/10	—	—	—					0	400	0
NOB PLM											

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

Sample 2 — Field Number 10

Stereoscopic Exam	
Color	Brown
Texture	G
Homogeneity	Y
Vermiculite	—
# of Layers	
Asbestos Detected Yes No	—
Color of Layer	

Asbestos Results PLM %: (none)

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	—	—	—					0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

Sample 3 — Field Number 11

Stereoscopic Exam	
Color	Black
Texture	HF
Homogeneity	Y
Vermiculite	—
# of Layers	
Asbestos Detected Yes No	—
Color of Layer	

Gravimetric: Required ☑ Recommended ☐ See gravimetric analysis sheet for results ☑

Non Fibrous PLM %: [illegible] Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0/1m	—	—						0	2m	✓

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

Sample 4 — Field Number 12

Stereoscopic Exam	
Color	Black
Texture	HF
Homogeneity	Y
Vermiculite	—
# of Layers	
Asbestos Detected Yes No	—
Color of Layer	

Gravimetric: Required ☑ Recommended ☐ See gravimetric analysis sheet for results ☑

Non Fibrous PLM %: 1m Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0/m	—	—						0	2m	✓

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

Other Fibrous checkboxes (each sample): ☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: [signature] — Batch Number: 22-138 — TEMPERATURE °C: 2[illegible]

---

1 — Field Number: 13

Stereoscopic Exam	
Color	white
Texture	G
Homogeneity	/
Vermiculite	—
# of Layers	1
Asbestos	
Color of Layer	
Detected	Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity (struck through)

Asbestos Results PLM %: Chrysotile / Amosite / Other (struck through)

Other Fibrous PLM %: Cellulose / Fiberglass / Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; — Organic Binders; Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/R	→	→	→					0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

---

2 — Field Number: 14

Stereoscopic Exam	
Color	white
Texture	G
Homogeneity	/
Vermiculite	—
# of Layers	
Asbestos	
Color of Layer	
Detected	Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other (struck through)

Other Fibrous PLM %: Cellulose / Fiberglass / Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; — Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/R	→	→						0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

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3 — Field Number: 15

Stereoscopic Exam	
Color	white
Texture	G
Homogeneity	/
Vermiculite	—
# of Layers	
Asbestos	
Color of Layer	
Detected	Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other (struck through)

Other Fibrous PLM %: Cellulose / Fiberglass / Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; — Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/R	→	→						0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

---

4 — Field Number: 16

Stereoscopic Exam	
Color	white
Texture	G
Homogeneity	/
Vermiculite	—
# of Layers	1
Asbestos	
Color of Layer	
Detected	Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other (struck through)

Other Fibrous PLM %: Cellulose / Fiberglass / Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; — Vermiculite*; Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/R	→	→	→					0	400	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

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Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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Accreditations: NVLAP 101187-0 ELAP 10879

Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number: Z214NH0004

Analysis Date: 1/27/2022 Analyst: [signature] Batch Number: 22-138 TEMPERATURE °C: 2

1 — Field Number 17

Stereoscopic Exam: Color: Black; Texture: NF; Homogeneity: ✓; Vermiculite: —; # of Layers: ✓; Asbestos Detected Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

PLM Optical Properties: Morph / Extinction / RI ⊥ / RI ∥ / DS Color / Color, Pleo / Biref / Sign / Other / Identity (handwritten entries)

Asbestos Results PLM %: 8 Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

Non Fibrous PLM %: 92 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	4/21	9/9	4/4	9/6					4	50	8%

SM-V: Required ☐ See SM-V analysis sheet for results ☐

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

2 — Field Number 18

Stereoscopic Exam: Color: Black; Texture: NF; Homogeneity: ✓; Vermiculite: —; # of Layers; Asbestos Detected Yes No

Gravimetric: Required ☑ Recommended ☐ See gravimetric analysis sheet for results ☑

PLM Optical Properties: Morph / Extinction / RI ⊥ / RI ∥ / DS Color / Color, Pleo / Biref / Sign / Other / Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

Non Fibrous PLM %: Mineral Filler; Organic Binders; Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM											

SM-V: Required ☐ See SM-V analysis sheet for results ☐

Comments: See 17

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

3 — Field Number 19

Stereoscopic Exam: Color: TAN; Texture: NF; Homogeneity: ✓; Vermiculite: —; # of Layers: ✓; Asbestos Detected Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

PLM Optical Properties: Morph / Extinction / RI ⊥ / RI ∥ / DS Color / Color, Pleo / Biref / Sign / Other / Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other (struck through)

Other Fibrous PLM %: Cellulose; Fiberglass; Other

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50 →								0	400	0
NOB PLM											

SM-V: Required ☐ See SM-V analysis sheet for results ☐

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

4 — Field Number 20

Stereoscopic Exam: Color: TAN; Texture: NF; Homogeneity: ✓; Vermiculite: —; # of Layers: ✓; Asbestos Detected Yes No

Gravimetric: Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

PLM Optical Properties: Morph / Extinction / RI ⊥ / RI ∥ / DS Color / Color, Pleo / Biref / Sign / Other / Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other (struck through)

Other Fibrous PLM %: Cellulose; Fiberglass; Other

Non Fibrous PLM %: 100 Mineral Filler; Organic Binders; 0 Vermiculite*; Other

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50 →								0	400	0
NOB PLM											

SM-V: Required ☐ See SM-V analysis sheet for results ☐

Comments:

Method: ☑ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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Accreditations:
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ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number: Z214NH0004

Analysis Date: 1/27/2022 Analyst: T Batch Number: 22-138 TEMPERATURE °C: RT

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1 — Field Number: 21

Stereoscopic Exam: Color: white Texture: 6 Homogeneity: 1 Vermiculite: — # of Layers: — Asbestos: — Color of Layer: — Detected: Yes / No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler / Organic Binders / d Vermiculite* / Other

SM-V: Required ☐ / See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	—	—						0	200	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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2 — Field Number: 22

Stereoscopic Exam: Color: white Texture: 6 Homogeneity: 1 Vermiculite: — # of Layers: — Asbestos: — Color of Layer: — Detected: Yes / No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler / Organic Binders / d Vermiculite* / Other

SM-V: Required ☐ / See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	—	—	—					d	200	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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3 — Field Number: 23

Stereoscopic Exam: Color: Brown Texture: 6 Homogeneity: 1 Vermiculite: — # of Layers: — Asbestos: — Color of Layer: — Detected: Yes / No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler / Organic Binders / d Vermiculite* / Other

SM-V: Required ☐ / See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	—	—	—					0	200	d
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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4 — Field Number: 24

Stereoscopic Exam: Color: Brown Texture: 6 Homogeneity: 1 Vermiculite: — # of Layers: — Asbestos: — Color of Layer: — Detected: Yes / No

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile / Amosite / Other

Other Fibrous PLM %: Cellulose / Fiberglass / Other

Non Fibrous PLM %: 100 Mineral Filler / Organic Binders / d Vermiculite* / Other

SM-V: Required ☐ / See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50	—	—	—					0	200	0
NOB PLM											

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

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Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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Accreditations:
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ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: E — Batch Number: 22-138 — TEMPERATURE °C: 24

---

1 — Field Number 25

Stereoscopic Exam: Gravimetric; Color: Brown; Texture: C; Homogeneity: 1; Vermiculite: —; # of Layers: —; Asbestos: —; Color of Layer: —; Detected: Yes / No; ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile: — ; Amosite: — ; Other: —

Other Fibrous PLM %: Cellulose: — ; Fiberglass: — ; Other: —

Non Fibrous PLM %: Mineral Filler: 100 ; Organic Binders: — ; Vermiculite*: 0 ; Other: —

SM-V: ☐ Required ☐ See SM-V analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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2 — Field Number 26

Stereoscopic Exam: Gravimetric; Color: Brown; Texture: C; Homogeneity: 1; Vermiculite: —; # of Layers: —; Asbestos: —; Color of Layer: —; Detected: Yes / No; ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile: — ; Amosite: — ; Other: —

Other Fibrous PLM %: Cellulose: — ; Fiberglass: — ; Other: —

Non Fibrous PLM %: Mineral Filler: 100 ; Organic Binders: — ; Vermiculite*: C ; Other: —

SM-V: ☐ Required ☐ See SM-V analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	0/50								0	100	0
NOB PLM											

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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3 — Field Number 27

Stereoscopic Exam: Gravimetric; Color: Brown; Texture: NF; Homogeneity: 1; Vermiculite: —; # of Layers: —; Asbestos: —; Color of Layer: —; Detected: Yes / No; ☑ Required ☐ Recommended ☐ See gravimetric analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile: — ; Amosite: — ; Other: —

Other Fibrous PLM %: Cellulose: — ; Fiberglass: — ; Other: —

Non Fibrous PLM %: Mineral Filler: — ; Organic Binders: 0 ; Vermiculite*: — ; Other: —

SM-V: ☐ Required ☐ See SM-V analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	100	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

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4 — Field Number 28

Stereoscopic Exam: Gravimetric; Color: Brown; Texture: NF; Homogeneity: 1; Vermiculite: —; # of Layers: —; Asbestos: —; Color of Layer: —; Detected: Yes / No; ☑ Required ☐ Recommended ☐ See gravimetric analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity

Asbestos Results PLM %: Chrysotile: — ; Amosite: — ; Other: —

Other Fibrous PLM %: Cellulose: — ; Fiberglass: — ; Other: —

Non Fibrous PLM %: Mineral Filler: — ; Organic Binders: — ; Vermiculite*: — ; Other: —

SM-V: ☐ Required ☐ See SM-V analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	100	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction ☐ Fiberglass Isotopic ☐ Synthetic High Birefringence ☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

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Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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BULK ASBESTOS ANALYSIS SHEET

Client / Project TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number Z214NH0004

Analysis Date 1/21/2022 Analyst [signature] Batch Number 22-138 TEMPERATURE °C 20

1 — Field Number 29

Stereoscopic Exam

Gravimetric ☑ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color Beige Texture NF

Homogeneity — Vermiculite —

# of Layers — Asbestos —

Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

— Chrysotile
— Amosite
— Other

Other Fibrous PLM %

— Cellulose
— Fiberglass
— Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

tr Mineral Filler
— Organic Binders
U Vermiculite*
— Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	U								U	tr	U

Comments:

Method: ☐ ELAP ☐ EPA ☐ SCANNING OPTION Q.C. ☐

2 — Field Number 30

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color Beige Texture NF

Homogeneity — Vermiculite —

# of Layers — Asbestos —

Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

— Chrysotile
— Amosite
— Other

Other Fibrous PLM %

— Cellulose
— Fiberglass
— Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

tr Mineral Filler
— Organic Binders
U Vermiculite*
— Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	U								U	tr	U

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

3 — Field Number 31

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color Yellow Texture NF

Homogeneity — Vermiculite —

# of Layers — Asbestos —

Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

— Chrysotile
— Amosite
— Other

Other Fibrous PLM %

— Cellulose
— Fiberglass
— Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

tr Mineral Filler
— Organic Binders
U Vermiculite*
— Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	U								U	tr	U

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

4 — Field Number 32

Stereoscopic Exam

Gravimetric ☐ Required ☐ Recommended ☐ See gravimetric analysis sheet for results ☐

Color Yellow Texture NF

Homogeneity — Vermiculite —

# of Layers — Asbestos —

Color of Layer — Detected Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %

— Chrysotile
— Amosite
— Other

Other Fibrous PLM %

— Cellulose
— Fiberglass
— Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %

tr Mineral Filler
— Organic Binders
U Vermiculite*
— Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V ☐ Required ☐ See SM-V analysis sheet for results ☐

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	U								U	tr	U

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

ATLAS ATC

ATC - New York
104 East 25th Street, 8th FL, New York, NY 10010
Phone: (212) 353-8280, Fax: (212) 353-3599 or 8306

Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE — Project Number: Z214NH0004

Analysis Date: 1/27/2022 — Analyst: F — Batch Number: 22-138 — TEMPERATURE °C: 24

1 — Field Number 33

Stereoscopic Exam

Gravimetric — Color: Brown — Texture: 6
Required ☐ — Homogeneity: 7 — Vermiculite: —
Recommended ☐ — # of Layers: — — Asbestos: —
See gravimetric ☐ analysis sheet for results — Color of Layer: — Detected: Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile: — Amosite: — Other: —

Other Fibrous PLM %: Cellulose: — Fiberglass: — Other: —

Non Fibrous PLM %: Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	015								0	200	0
NOB PLM											

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

2 — Field Number 34

Stereoscopic Exam

Gravimetric — Color: Brown — Texture: 6
Required ☐ — Homogeneity: 7 — Vermiculite: —
Recommended ☐ — # of Layers: — Asbestos: —
See gravimetric ☐ analysis sheet for results — Color of Layer: — Detected: Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile: — Amosite: — Other: —

Other Fibrous PLM %: Cellulose: — Fiberglass: — Other: —

Non Fibrous PLM %: Mineral Filler: 100 — Organic Binders: — Vermiculite*: 0 — Other: —

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM	015								0	200	0
NOB PLM											

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

3 — Field Number 35

Stereoscopic Exam

Gravimetric — Color: Brown — Texture: NT
Required ☑ — Homogeneity: 7 — Vermiculite: —
Recommended ☐ — # of Layers: — Asbestos: —
See gravimetric ☑ analysis sheet for results — Color of Layer: — Detected: Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile: — Amosite: — Other: —

Other Fibrous PLM %: Cellulose: — Fiberglass: — Other: —

Non Fibrous PLM %: Mineral Filler: 1 — Organic Binders: — Vermiculite*: 0 — Other: —

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	200	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

4 — Field Number 36

Stereoscopic Exam

Gravimetric — Color: Brown — Texture: NT
Required ☐ — Homogeneity: 7 — Vermiculite: —
Recommended ☐ — # of Layers: — Asbestos: —
See gravimetric ☐ analysis sheet for results — Color of Layer: — Detected: Yes No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile: — Amosite: — Other: —

Other Fibrous PLM %: Cellulose: — Fiberglass: — Other: —

Non Fibrous PLM %: Mineral Filler: 1 — Organic Binders: — Vermiculite*: 0 — Other: —

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	200	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION — Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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ATC

ATC - New York

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Phone: (212) 353-8280, Fax: (212) 353-3599 or 8306

Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE Project Number: Z214NH0004

Analysis Date: 1/27/2022 Analyst: Batch Number: 22-138 TEMPERATURE °C: 24

---

1 Field Number: 37

Stereoscopic Exam

Gravimetric — Required ☑ — Recommended ☐ — See gravimetric ☑ analysis sheet for results

Color: brown Texture: NF
Homogeneity: 1 Vermiculite: —
# of Layers: 1 Asbestos: —
Color of Layer: — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Mineral Filler (1); Organic Binders; Vermiculite* (0); Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	0	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

---

2 Field Number: 38

Stereoscopic Exam

Gravimetric — Required ☑ — Recommended ☐ — See gravimetric ☑ analysis sheet for results

Color: brown Texture: NF
Homogeneity: 1 Vermiculite: —
# of Layers: 1 Asbestos: —
Color of Layer: — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Mineral Filler (1); Organic Binders; Vermiculite* (0); Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	0	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

---

3 Field Number: 39

Stereoscopic Exam

Gravimetric — Required ☑ — Recommended ☐ — See gravimetric ☑ analysis sheet for results

Color: Black Texture: NF
Homogeneity: 4 Vermiculite: —
# of Layers: — Asbestos: —
Color of Layer: — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Mineral Filler (1); Organic Binders; Vermiculite* (0); Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	0	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

---

4 Field Number: 40

Stereoscopic Exam

Gravimetric — Required ☑ — Recommended ☐ — See gravimetric ☐ analysis sheet for results

Color: Black Texture: NF
Homogeneity: 1 Vermiculite: —
# of Layers: — Asbestos: —
Color of Layer: — Detected: Yes / No

PLM Optical Properties

Morph	Extinction	RI ⊥	RI ∥	DS Color	Color, Pleo	Biref	Sign	Other	Identity

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous PLM %: Cellulose; Fiberglass; Other

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

Non Fibrous PLM %: Mineral Filler (1); Organic Binders; Vermiculite* (0); Other

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

SM-V — Required ☐ — See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0								0	0	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION Q.C. ☐

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.6 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

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ATC - New York

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Accreditations:
NVLAP 101187-0
ELAP 10879

Microscopes:
OLYMPUS BH-2 /
NIKON OPTIPHOT

BULK ASBESTOS ANALYSIS SHEET

Client / Project: TOWN OF NORTH HEMPSTEAD/ 746 PROSPECT AVE   Project Number: Z214NH0004

Analysis Date: 1/27/2022   Analyst: [signature]   Batch Number: 22-138   TEMPERATURE °C: 20

---

1 — Field Number 41

Stereoscopic Exam	
Color	BLACK
Texture	HF
Homogeneity	1
Vermiculite	—
# of Layers	
Asbestos Detected Yes No	—
Color of Layer	

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity — (blank)

Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
____ Chrysotile	____ Cellulose	Cn Mineral Filler
____ Amosite	____ Fiberglass	____ Organic Binders
____ Other	____ Other	0 Vermiculite*
		____ Other

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0/m								0	2m	0

Comments:

Method: ☐ ELAP ☐ EPA ☐ SCANNING OPTION   Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

---

2 — Field Number 42

Stereoscopic Exam	
Color	BLACK
Texture	HF
Homogeneity	1
Vermiculite	—
# of Layers	
Asbestos Detected Yes No	—
Color of Layer	

Gravimetric: Required ☑ Recommended ☐ See gravimetric ☑ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity — (blank)

Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
____ Chrysotile	____ Cellulose	Cn Mineral Filler
____ Amosite	____ Fiberglass	____ Organic Binders
____ Other	____ Other	0 Vermiculite*
		____ Other

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0/m								0	2m	0

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION   Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

---

3 — Field Number 43

Stereoscopic Exam	
Color	BLACK
Texture	HF
Homogeneity	1
Vermiculite	—
# of Layers	
Asbestos Detected Yes No	—
Color of Layer	

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☑ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity — (blank)

Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
____ Chrysotile	____ Cellulose	Cn Mineral Filler
____ Amosite	____ Fiberglass	____ Organic Binders
____ Other	____ Other	0 Vermiculite*
		____ Other

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0/m								0	2m	0

Comments:

Method: ☑ ELAP ☐ EPA ☐ SCANNING OPTION   Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

---

4 — Field Number 44

Stereoscopic Exam	
Color	BLACK
Texture	HF
Homogeneity	1
Vermiculite	—
# of Layers	1
Asbestos Detected Yes No	—
Color of Layer	

Gravimetric: Required ☐ Recommended ☐ See gravimetric ☐ analysis sheet for results

PLM Optical Properties: Morph | Extinction | RI ⊥ | RI ∥ | DS Color | Color, Pleo | Biref | Sign | Other | Identity — (blank)

Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
____ Chrysotile	____ Cellulose	Cn Mineral Filler
____ Amosite	____ Fiberglass	____ Organic Binders
____ Other	____ Other	0 Vermiculite*
		____ Other

SM-V: Required ☐ See SM-V ☐ analysis sheet for results

Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.
PLM											
NOB PLM	0/m								0	2m	0

Comments:

Method: ☐ ELAP ☐ EPA ☑ SCANNING OPTION   Q.C. ☐

☐ Cellulose Ondulose Extinction
☐ Fiberglass Isotopic
☐ Synthetic High Birefringence
☐ Horse Hair: Scales, Low to Moderate Birefringence

* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

THIS DOCUMENT OR FORM IS UNCONTROLLED WHEN PRINTED

Methods:
EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples - 40 CFR Appendix E to Subpart E of Part 763
EPA 600/R-93/116
ELAP Items 198.1, 198.4, 198.6, 198.8

Note #1: ELAP requires method ELAP 198.1 for the analysis of samples containing ≤10% vermiculite, with the exception of surfacing material that contains vermiculite (SM-V). For samples containing >10% vermiculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantification of vermiculite. "This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."
Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count method.

ATC Group Services LLC
GRAVIMETRIC (NOB) ANALYSIS SHEET

Client/Project: TOWN NORTH HEPSTEAD **PLM Batch #** 22-138 **Start Date:** 1/28/2022

NOB PLM PREP: MG/EV **NOB PLM Analyst:** MW **NOB TEM PREP:** SH **NOB TEM Analyst:** RP **Date Completed:** 1/31/2022

	5	11	12	9	13		Methods		
							NOB		
Field #	% Organic	Non Asb Residue % NFr	% Carbonate	Asbestos Types or Vermiculite	% Total Asbestos or Vermiculite	Notes	PREP	PLM	TEM
11	41.8	1.3	56.9	ND			✓	✓	✓
12	40.8	3.6	55.6	ND			✓	✓	✓
17	15.6	59.2	20.1	Chrysotile	**5.1**		✓	✓	
18	14.8	65.7	19.5	NA		Positive Stop	✓		
27	34.9	2.3	62.8	ND			✓	✓	✓
28	38.0	2.5	59.5	ND			✓	✓	✓
29	27.4	31.2	41.4	ND			✓	✓	✓
30	29.1	26.5	44.4	ND			✓	✓	✓
31	31.8	15.8	52.4	ND			✓	✓	✓
32	37.4	12.3	50.3	ND			✓	✓	✓

1. Methods:ELAP 198.6 198.4, EPA Interim Method 40CFR App E Subpt E, EPA 600/R-93/116.
2. Refer to PLM analysis sheet for NOB results and/or point count data.
3. Vermiculite not reported = not detected.

Client Copy

ATC Group Services LLC
GRAVIMETRIC (NOB) ANALYSIS SHEET

Client/Project: TOWN NORTH HEPSTEAD **PLM Batch #** 22-138 **Start Date:** 1/28/2022

NOB PLM PREP: MG/EV **NOB PLM Analyst:** MW **NOB TEM PREP:** SH **NOB TEM Analyst:** RP **Date Completed:** 1/31/2022

	5	11	12	9	13		Methods		
							NOB		
Field #	% Organic	Non Asb Residue % NFr	% Carbonate	Asbestos Types or Vermiculite	% Total Asbestos or Vermiculite	Notes	PREP	PLM	TEM
35	62.7	15.7	21.6	ND			✓	✓	✓
36	56.4	24.9	18.7	ND			✓	✓	✓
37	16.3	1.1	82.6	ND			✓	✓	✓
38	15.6	1.8	82.6	ND			✓	✓	✓
39	52.8	40.2	7.0	ND			✓	✓	✓
40	41.1	48.4	10.5	ND			✓	✓	✓
41	72.2	1.1	26.7	ND			✓	✓	✓
42	95.6	1.7	2.7	ND			✓	✓	✓
43	82.6	12.6	4.8	ND			✓	✓	✓
44	82.8	11.8	5.4	ND			✓	✓	✓

1. Methods:ELAP 198.6 198.4, EPA Interim Method 40CFR App E Subpt E, EPA 600/R-93/116.
2. Refer to PLM analysis sheet for NOB results and/or point count data.
3. Vermiculite not reported = not detected.

Client Copy

APPENDIX B

Photographic Log

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:
Town of North Hempstead Community Development Agency

SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590

ATC PROJECT #
Z214NH0004

UNITS TESTED: Unit 1, 2, Ground FL Retail Space

Photo No.	Date Taken:
1	08/17/2021

Description:

Exterior Side A

Street level view. Exterior window caulk, brick wall mortar cement.

Photo No.	Date Taken:
2	08/17/2021

Description:

Exterior Side B

Street level view

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:
Town of North Hempstead Community Development Agency

SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590

ATC PROJECT #
Z214NH0004

UNITS TESTED: Unit 1, 2, Ground FL Retail Space

Photo No.	Date Taken:
3	08/17/2021

Description:

Exterior Side C

Street level view; lower roof over annex.

Photo No.	Date Taken:
4	08/17/2021

Description:

Exterior Side D

Street level view

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:
Town of North Hempstead Community Development Agency

SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590

ATC PROJECT #
Z214NH0004

UNITS TESTED: Unit 1, 2, Ground FL Retail Space

Photo No.	Date Taken:
5	08/17/2021

Description:

Ground Floor Retail Space.

Wall plaster; white and brown coats.

Photo No.	Date Taken:
6	08/17/2021

Description:

Ground Floor Retail Space.

Wall plaster; white and brown coats, spot black wall mastic on the plaster wall.

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:	SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590	ATC PROJECT #
Town of North Hempstead Community Development Agency	UNITS TESTED: Unit 1, 2, Ground FL Retail Space	Z214NH0004

Photo No.	Date Taken:
7	08/17/2021

Description:

Ground Floor Retail Space.

Gypsum wallboard and associated joint compound.

Photo No.	Date Taken:
8	08/17/2021

Description:

Ground Floor Retail Space.

Brick wall coating (under interior wall plaster)

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:	SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590	ATC PROJECT #
Town of North Hempstead Community Development Agency	UNITS TESTED: Unit 1, 2, Ground FL Retail Space	Z214NH0004

Photo No.	Date Taken:
9	08/17/2021

Description:

2nd Floor Apartment; Kitchen

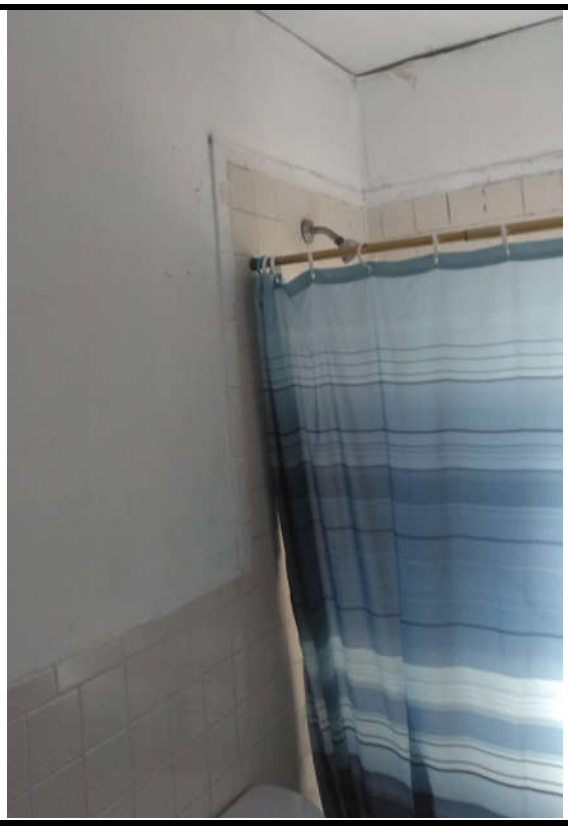
Gypsum wallboard and associated joint compound.

Photo No.	Date Taken:
10	08/17/2021

Description:

2nd Floor Unit; Bathroom

Ceramic wall and floor time tile grout and thinset mortar.



104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:	SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590	ATC PROJECT #
Town of North Hempstead Community Development Agency	UNITS TESTED: Unit 1, 2, Ground FL Retail Space	Z214NH0004

Photo No.	Date Taken:
11	08/17/2021

Description:

2nd Floor Unit; Living Room

Gypsum wallboard and associated joint compound. 12"x12" brown self-adhesive VFT; 1st layer.

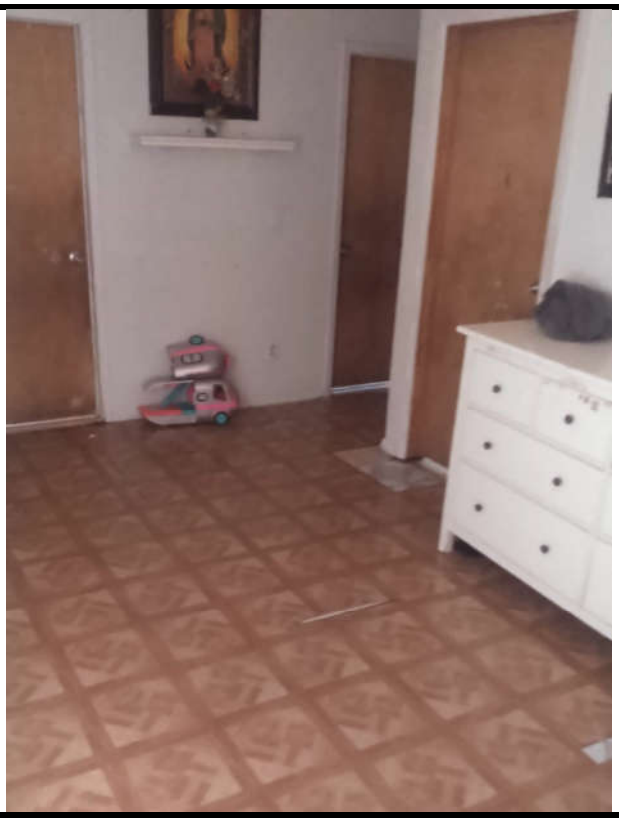


Photo No.	Date Taken:
12	08/17/2021

Description:

2nd Floor Unit; Hallway

1st layer 12"x12" brown self-adhesive VFT and 2nd layer 12"x12" beige self-adhesive VFT

104 East 25th Street, 8th Floor
New York, NY 10010
www.oneatlas.com
Tel: 212-284-0615

PHOTOGRAPHIC LOG

CLIENT NAME:	SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590	ATC PROJECT #
Town of North Hempstead Community Development Agency	UNITS TESTED: Unit 1, 2, Ground FL Retail Space	Z214NH0004

Photo No.	Date Taken:
13	08/17/2021

Description:

2nd Floor Unit; Bedroom

Gypsum wallboard and associated joint compound.

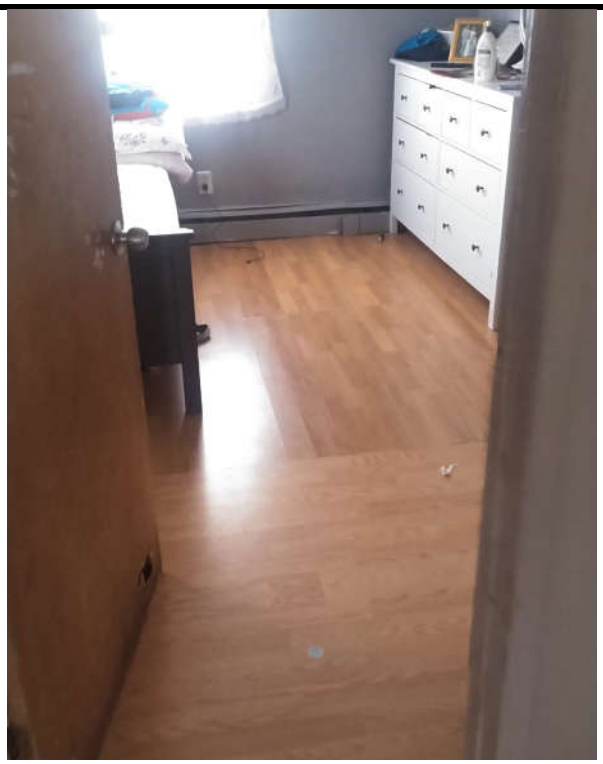


Photo No.	Date Taken:
14	08/17/2021

Description:

Basement

CMU foundation; no insulation present.

Appendix C
Report Certifications

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

ATC Group Services LLC
10th Floor
104 East 25th Street

New York, NY 10010

FILE NUMBER: 99-0121
LICENSE NUMBER: 29902
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 03/24/2021
EXPIRATION DATE: 03/31/2022

Duly Authorized Representative – Kevin Hamilton:

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

SH 432 (8/12)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2022
Issued April 01, 2021

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. MILENA BONEZZI
ATC GROUP SERVICES LLC
104 EAST 25TH STREET 8TH FLOOR
NEW YORK, NY 10010

NY Lab Id No: 10879

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 Material	Item 198.8 of Manual

Serial No.: 62825

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2022
Issued April 01, 2021

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. MILENA BONEZZI
ATC GROUP SERVICES LLC
104 EAST 25TH STREET 8TH FLOOR
NEW YORK, NY 10010

NY Lab Id No: 10879

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

Miscellaneous

Asbestos	40 CFR 763 APX A No. III
	NIOSH 7402
Fibers	NIOSH 7400 A RULES

Serial No.: 62826

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.

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

ATC Group Services LLC

104 East 25th St 8th Flr New York, NY 10010

Laboratory ID: LAP-100229

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: November 01, 2021
☐	**ENVIRONMENTAL LEAD**	Accreditation Expires:
☐	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires:
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Beth Bair

Elizabeth Bair
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 17: 09/11/2018

Date Issued: 08/30/2019

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

ATC Group Services LLC
104 East 25th St 8th Flr New York, NY 10010

Laboratory ID: LAP-100229
Issue Date: 08/30/2019

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 06/12/1995

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	-	NIOSH 7400 Modified	-

A complete listing of currently accredited IHLAP laboratories is available on the AIHA-LAP, LLC website at: *http://www.aihaaccreditedlabs.org*

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101187-0

ATC Group Services LLC

New York, NY

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

Asbestos Fiber Analysis

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

2016-07-01 through 2017-06-30

Effective Dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Voluntary Laboratory Accreditation Program

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

DAVID E GLASSMANN
CLASS(EXPIRES)
C ATEC(12/22) D INSP(12/22)
E MGPL(12/22) H PM (12/22)
I PD (12/22)

CERT# 92-20749
DMV# 620741238

MUST BE CARRIED ON ASBESTOS PROJECTS

01213 006206453 07

EYES HAZ
HAIR BRO
HGT 6' 00"

IF FOUND RETURN TO:
NYSDOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

APPENDIX C
LABORATORY CERTIFICATIONS (ELAP)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2023
Issued April 01, 2022

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. DIMITRIOS MOLOHIDES
ALPHA LABS LLC
14-26 28TH AVENUE
LONG ISLAND CITY, NY 11102

NY Lab Id No: 11833

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 Material	Item 198.8 of Manual
Lead in Dust Wipes	EPA 7000B
Lead in Paint	EPA 7000B
	ASTM D3335-85A

Sample Preparation Methods

	EPA 3051A
	ASTM D3335-85A
	ASTM E-1644-17

Serial No.: 64843

APPENDIX D

ASBESTOS AND LEAD LABORATORY ANALYSES AND CHAINS OF CUSTODY

14-26 28th Avenue Long Island City, NY 11102
Tel.: (718) 482-7525 Fax: (718) 482-7524 www.alphalabsllc.com

BULK SAMPLE ANALYSIS REPORT

CLIENT: AKRF, Inc. 34 South Broadway, White Plains, New York 10601
BUILDING ADDRESS: 746 Prospect Avenue, Westbury, NY
PROJECT #: 200225

Client Sample ID# Lab Sample ID#	Sample Description	Sample Location	Appearance	GRAVIMETRIC PREPARATION			PLM			TEM
				% Ashed Organic Component	% Acid Soluble Inorganic Component	% Acid Insoluble Inorganic Component	% Estimated Non-Asbestos Fibrous Material	% Non-Fibrous Matrix Material	ASBESTOS % & Type	ASBESTOS % & Type
1A 22-08-097-01	Rolled on Asphalt Roofing (grey) 1st layer	2nd Floor Roof	Gray/Black Homogeneous NOB	51.0	18.3	30.8	0%	100%	NAD inconclusive	NAD
1B 22-08-097-02	Rolled on Asphalt Roofing (grey) 1st layer	2nd Floor Roof	Gray/Black Homogeneous NOB	51.2	18.8	30.1	0%	100%	NAD inconclusive	NAD
1C 22-08-097-03	Rolled on Asphalt Roofing (grey) 1st layer	2nd Floor Roof	Gray/Black Homogeneous NOB	42.3	18.0	39.7	0%	100%	NAD inconclusive	NAD
2A 22-08-097-04	Tar Paper 2nd layer on wood decking	2nd Floor Roof	Black Homogeneous NOB	95.7	2.5	1.8	0%	100%	NAD inconclusive	NAD
2B 22-08-097-05	Tar Paper 2nd layer on wood decking	2nd Floor Roof	Black Homogeneous NOB	95.2	3.8	1.1	0%	100%	NAD inconclusive	NAD
2C 22-08-097-06	Tar Paper 2nd layer on wood decking	2nd Floor Roof	Black Homogeneous NOB	96.3	2.3	1.4	0%	100%	NAD inconclusive	NAD
3A 22-08-097-07	Rolled on Asphalt Roofing (black) 1st layer	2nd Floor Roof parapets	Black Homogeneous NOB	48.8	27.9	23.3	0%	100%	NAD inconclusive	Trace CH
3B 22-08-097-08	Rolled on Asphalt Roofing (black) 1st layer	2nd Floor Roof parapets	Black Homogeneous NOB	45.1	28.9	26.0	0%	100%	NAD inconclusive	Trace CH
3C 22-08-097-09	Rolled on Asphalt Roofing (black) 1st layer	2nd Floor Roof parapets	Black Homogeneous NOB	38.0	43.4	18.6	0%	100%	NAD inconclusive	Trace CH
4A 22-08-097-10	Tar 2nd layer on brick / parapet	2nd Floor Roof parapets	Black Homogeneous NOB	81.7	6.8	11.4	0%	100%	NAD inconclusive	
4B 22-08-097-11	Tar 2nd layer on brick / parapet	2nd Floor Roof parapets	Black Homogeneous NOB	82.7	4.2	13.1	0%	100%	NAD inconclusive	
4C 22-08-097-12	Tar 2nd layer on brick / parapet	2nd Floor Roof parapets	Black Homogeneous NOB	66.4	15.1	18.6	0%	96 1%	3.9% CH	

alphalabs
14-26 28th Avenue Long Island City, NY 11102
Tel · (718) 482-7525 Fax: (718) 482-7524 www.alphalabsllc.com

BULK SAMPLE ANALYSIS REPORT

CLIENT: AKRF, Inc. 34 South Broadway, White Plains, New York 10601
BUILDING ADDRESS: 746 Prospect Avenue, Westbury, NY
PROJECT #: 200225

Client Sample ID# Lab Sample ID#	Sample Description	Sample Location	Appearance	GRAVIMETRIC PREPARATION			PLM			TEM
				% Ashed Organic Component	% Acid Soluble Inorganic Component	% Acid Insoluble Inorganic Component	% Estimated Non-Asbestos Fibrous Material	% Non-Fibrous Matrix Material	ASBESTOS % & Type	ASBESTOS % & Type
5A 22-08-097-13	Parapet Cap and penetration Tar	2nd Floor Roof	Black Homogeneous NOB	58.3	3.4	38.2	0%	93.1%	6.9% CH	
5B 22-08-097-14	Parapet Cap and penetration Tar	2nd Floor Roof	Black Homogeneous NOB	61.5	15.5	23.0			NA/PS	
5C 22-08-097-15	Parapet Cap and penetration Tar	2nd Floor Roof	Black Homogeneous NOB	39.8	4.2	56.1			NA/PS	
6A 22-08-097-16	Yellow Mastic Floor Tile	1st Floor Roof	Yellow Homogeneous NOB	96.9	0.2	2.8	0%	100%	NAD inconclusive	NAD
6B 22-08-097-17	Yellow Mastic Floor Tile	1st Floor Roof	Yellow Homogeneous NOB	88.3	8.6	3.0	0%	100%	NAD inconclusive	NAD
7A 22-08-097-18	Black Mastic Floor Tile	1st Floor Roof	Gray Homogeneous NOB	44.6	47.4	8.1	0%	100%	NAD inconclusive	NAD
7B 22-08-097-19	Black Mastic Floor Tile	1st Floor Roof	Gray Homogeneous NOB	40.7	51.4	7.9	0%	100%	NAD inconclusive	NAD
8A 22-08-097-20	Leveling compound	1st Floor Roof	White Homogeneous Friable	Not Applicable			0%	100%	NAD	
8B 22-08-097-21	Leveling compound	1st Floor Roof	White Homogeneous Friable	Not Applicable			0%	100%	NAD	
9A 22-08-097-22	Flooring Mortar	1st Floor Roof	Gray Homogeneous Friable	Not Applicable			0%	100%	NAD	
9B 22-08-097-23	Flooring Mortar	1st Floor Roof	Gray Homogeneous Friable	Not Applicable			0%	100%	NAD	
10A 22-08-097-24	12x12 Floor Tile Black (top layer)	1st Floor	Black Homogeneous NOB	17.1	81.3	1.6	0%	100%	NAD inconclusive	NAD
10B 22-08-097-25	12x12 Floor Tile Black (top layer)	1st Floor	Black Homogeneous NOB	16.9	79.9	3.1	0%	100%	NAD inconclusive	NAD

14-26 28th Avenue Long Island City, NY 11102
Tel : (718) 482-7525 Fax: (718) 482-7524 www.alphalabsllc.com

BULK SAMPLE ANALYSIS REPORT

CLIENT: AKRF, Inc. 34 South Broadway, White Plains, New York 10601
BUILDING ADDRESS: 746 Prospect Avenue, Westbury, NY
PROJECT #: 200225

Client Sample ID# Lab Sample ID#	Sample Description	Sample Location	Appearance	GRAVIMETRIC PREPARATION			PLM			TEM
				% Ashed Organic Component	% Acid Soluble Inorganic Component	% Acid Insoluble Inorganic Component	% Estimated Non-Asbestos Fibrous Material	% Non-Fibrous Matrix Material	ASBESTOS % & Type	ASBESTOS % & Type
11A 22-08-097-26	White 12x12 Floor Tile (top layer)	1st Floor	White Homogeneous NOB	20.9	46.0	33.1	0%	100%	NAD inconclusive	NAD
11B 22-08-097-27	White 12x12 Floor Tile (top layer)	1st Floor	White Homogeneous NOB	20.8	46.0	33.2	0%	100%	NAD inconclusive	NAD
12A 22-08-097-28	Gray Spec Floor Tile (2nd layer)	1st Floor	Gray Homogeneous NOB	15.0	83.4	1.6	0%	100%	NAD inconclusive	NAD
12B 22-08-097-29	Gray Spec Floor Tile (2nd layer)	1st Floor	Gray Homogeneous NOB	15.0	83.2	1.8	0%	100%	NAD inconclusive	NAD
13A 22-08-097-30	White Spec Floor Tile (2nd layer)	1st Floor	Off White Homogeneous NOB	15.4	82.1	2.5	0%	100%	NAD inconclusive	NAD
13B 22-08-097-31	White Spec Floor Tile (2nd layer)	1st Floor	Off White Homogeneous NOB	15.6	82.1	2.3	0%	100%	NAD inconclusive	NAD
14A 22-08-097-32	White Floor Tile (bottom layer)	1st Floor	Beige Homogeneous NOB	20.9	54.5	24.6	0%	100%	NAD inconclusive	NAD
14B 22-08-097-33	White Floor Tile (bottom layer)	1st Floor	Beige Homogeneous NOB	20.8	50.8	28.4	0%	100%	NAD inconclusive	NAD
15A 22-08-097-34	Skim Coat	Exterior 1-story	Gray Homogeneous Friable	Not Applicable			0%	100%	NAD	
15B 22-08-097-35	Skim Coat	Exterior 1-story	Gray Homogeneous Friable	Not Applicable			0%	100%	NAD	
15C 22-08-097-36	Skim Coat	Exterior 1-story	Gray Homogeneous Friable	Not Applicable			0%	100%	NAD	

14-26 28th Avenue Long Island City, NY 11102
Tel.: (718) 482-7525 Fax: (718) 482-7524 www.alphalabsllc.com

BULK SAMPLE ANALYSIS REPORT

CLIENT: AKRF, Inc. 34 South Broadway, White Plains, New York 10601
BUILDING ADDRESS: 746 Prospect Avenue, Westbury, NY
PROJECT #: 200225

Client Sample ID# Lab Sample ID#	Sample Description	Sample Location	Appearance	GRAVIMETRIC PREPARATION			PLM			TEM
				% Ashed Organic Component	% Acid Soluble Inorganic Component	% Acid Insoluble Inorganic Component	% Estimated Non-Asbestos Fibrous Material	% Non-Fibrous Matrix Material	ASBESTOS % & Type	ASBESTOS % & Type
16A 22-08-097-37	Block Mortar	Exterior wall	Dk. Gray Homogeneous Friable	Not Applicable			0%	100%	NAD	
16B 22-08-097-38	Block Mortar	Exterior wall	Dk. Gray Homogeneous Friable	Not Applicable			0%	100%	NAD	
16C 22-08-097-39	Block Mortar	Exterior wall	Dk. Gray Homogeneous Friable	Not Applicable			0%	100%	NAD	

Date Received: 8/12/22
Date of PLM Analysis: 8/18/22
Date of TEM Analysis: 8/18/22
Date of Report: 8/19/22

PLM Analyst: D. Molohides
TEM Analyst: A. Ansari

Analyst: _____
D. Molohides

QC Review / Date: _____
D. Molohides, Lab Director

NAD= No Asbestos Detected; NA/PS = Not Analyzed / Positive Stop; Trace = < 0.25%, CH = Chrysotile, AMO = Amosite, CRO = Crocidolite, ANTH = Anthophyllite, TRE = Tremolite, ACT = Actinolite, FBGL = Fiberglass, CELL = Cellulose, SYNTH = Synthetic fibers, VERM = Vermiculite, WOLL = Wollastonite. Polarized Light Microscopy (PLM) analysis of samples is performed by Method EPA 600/M4-82-020 and ELAP PLM Analysis Protocol 198.1 (friable samples) and protocol 198.6 (NOB samples). Transmission Electron Microscopy (TEM) analysis of samples is performed by Method ELAP TEM Analysis Protocol 198.4. This report includes the identification and quantitation of vermiculite as required by current NYS-DOH ELAP protocols & interim guidance letters. **Analytical equipment**: Stereo Binocular Microscopes: Motic SMZ140-N2LED (SN#: 03210037461 / 03210037462 / 03210023903 / 03210023905); Polarized Light Microscopes: Motic Panthera TEC-POL (SN#: 19017119 / 19021965 / 21006248), Olympus BH-2 (Ser #: 207130). 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. Samples will be stored for sixty (60) days and then returned to the client upon request. The results relate only to the items calibrated or tested. This report may not be reproduced, except in full, without the written approval of Alpha Labs LLC. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the US Government. This report contains data (bulk asbestos TEM results) that are not covered by the NVLAP accreditation. The liability of Alpha Labs LLC with respect to the services charged shall in no event exceed the amount of the invoice. **(June 28, 2022)**

NYS-DOH ELAP # 11833 **NVLAP Lab Code: 200691-0**

22-08-097 1/4

AKRF, Inc.
34 South Broadway, White Plains, New York 10601
(914) 949-7336 Fax (914) 949-7559

Bulk Sample Chain of Custody

Project Site: **746 Prospect Avenue, Westbury, NY**

Date: 8/12/2022 TAT: **5 Day**

Field Inspector: Stephen Schmid

Client: Town of North Hempstead

Project Number: 200225

Page 1 of 3

Comments: TEM all neg NOB, Stop at first positive CGriffiths@akrf.com Gbaird@akrf.com

Sample #	HA#	Material	Sample Area Description	Quantity & Condition/Friable	
1	A	rolled on asphalt roofing (grey)	2nd FL roof	good NF	750 SF
1	B	1st layer	↓	↓	
1	C	↓	↓	↓	
2	A	tar paper 2nd layer on wood decking	↓	↓	750 SF
2	B	↓	↓	↓	
2	C	↓	↓	↓	
3	A	rolled on asphalt roofing (black)	2nd FL roof pumpets		250 SF
3	B	1st layer	↓		
3	C	↓	↓		
4	A	as for 2nd layer on wood/pumpet	↓		250 SF
4	B	↓	↓		
4	C	↓	↓	↓	

Relinquished By:

Signature:

Received By: C. McBean

Signature: 08/15/2022 C. McBean

Date: 8/14/22

22-08-097 3/4

AKRF

AKRF, Inc.
34 South Broadway, White Plains, New York 10601
(914) 949-7336 Fax (914) 949-7559

Bulk Sample Chain of Custody

Project Site: **746 Prospect Avenue, Westbury, NY**

Date: 8/12/2022 TAT: **5 Day**

Field Inspector: Stephen Schmid

Client: Town of North Hempstead

Project Number: 200225

Page 2 of 4

Comments: TEM all neg NOB, Stop at first positive CGriffiths@akrf.com Gbaird@akrf.com

Sample #	HA#	Material	Sample Area Description	Quantity & Condition/Friable	
5	A	parapet cap + penetration tar	2nd FL roof	damaged NF	125 LF
5	B	↓	↓	↓	
5	C	↓	↓	↓	
6	A	yellow mastic FT	1st FL	damaged NF	500 SF
6	B	↓	↓	↓	
7	A	black mastic FT	↓	↓	250 SF
7	B	↓	↓	↓	
8	A	leveling compound	↓	↓	250 SF
8	B	↓	↓	↓	
9	A	flooring mortar	↓	↓	750 SF
9	B	↓	↓	↓	
10	A	12x12 FT black	↓ 1st FL top layer	damaged NF	20 SF

Relinquished By:

Signature: [signature]

Received By: [signature]

Signature: 08/15/2022 [signature]

Date: 8/12/22

22-08-097 3/4

AKRF, Inc.
34 South Broadway, White Plains, New York 10601
(914) 949-7336 Fax (914) 949-7559

Bulk Sample Chain of Custody

Project Site: **746 Prospect Avenue, Westbury, NY**

Date: 8/12/2022 TAT: **5 Day**

Field Inspector: Stephen Schmid

Client: Town of North Hempstead

Project Number: 200225

Page 3 of 4

Comments: TEM all neg NOB, Stop at first positive CGriffiths@akrf.com Gbaird@akrf.com

Sample #	HA#	Material	Sample Area Description	Quantity & Condition/Friable	
10	B	Black 12x12 FT	1st FL - top layer	sig damaged NF	
11	A	white 12x12 FT	↓	↓	10 SF
11	B	↓	↓	↓	
12	A	grey spec FT	1st FL - 2nd layer	damaged NF	750 SF ↓ combined ↑ 750 SF
12	B	↓	↓	↓	
13	A	white spec FT	↓	↓	
13	B	↓	↓	↓	
14	A	white FT	1st FL - bot layer	↓	750 SF
14	B	↓	↓	↓	
15	A	stem cork	exterior 1-story	sig damaged NF	300 SF
15	B	↓	↓	↓	
15	C	↓	↓	↓	

Relinquished By: Signature:

Received By: C. McShane Signature: C. McShane

Date: 08/15/2022 8/12/22

22-08-097 4/4

AKRF, Inc.
34 South Broadway, White Plains, New York 10601
(914) 949-7336 Fax (914) 949-7559

Bulk Sample Chain of Custody

Project Site: **746 Prospect Avenue, Westbury, NY**

Date: 8/12/2022 TAT: **5 Day**

Field Inspector: Stephen Schmid

Client: Town of North Hempstead

Project Number: 200225

Page 4 of 4

Comments: TEM all neg NOB, Stop at first positive CGriffiths@akrf.com Gbaird@akrf.com

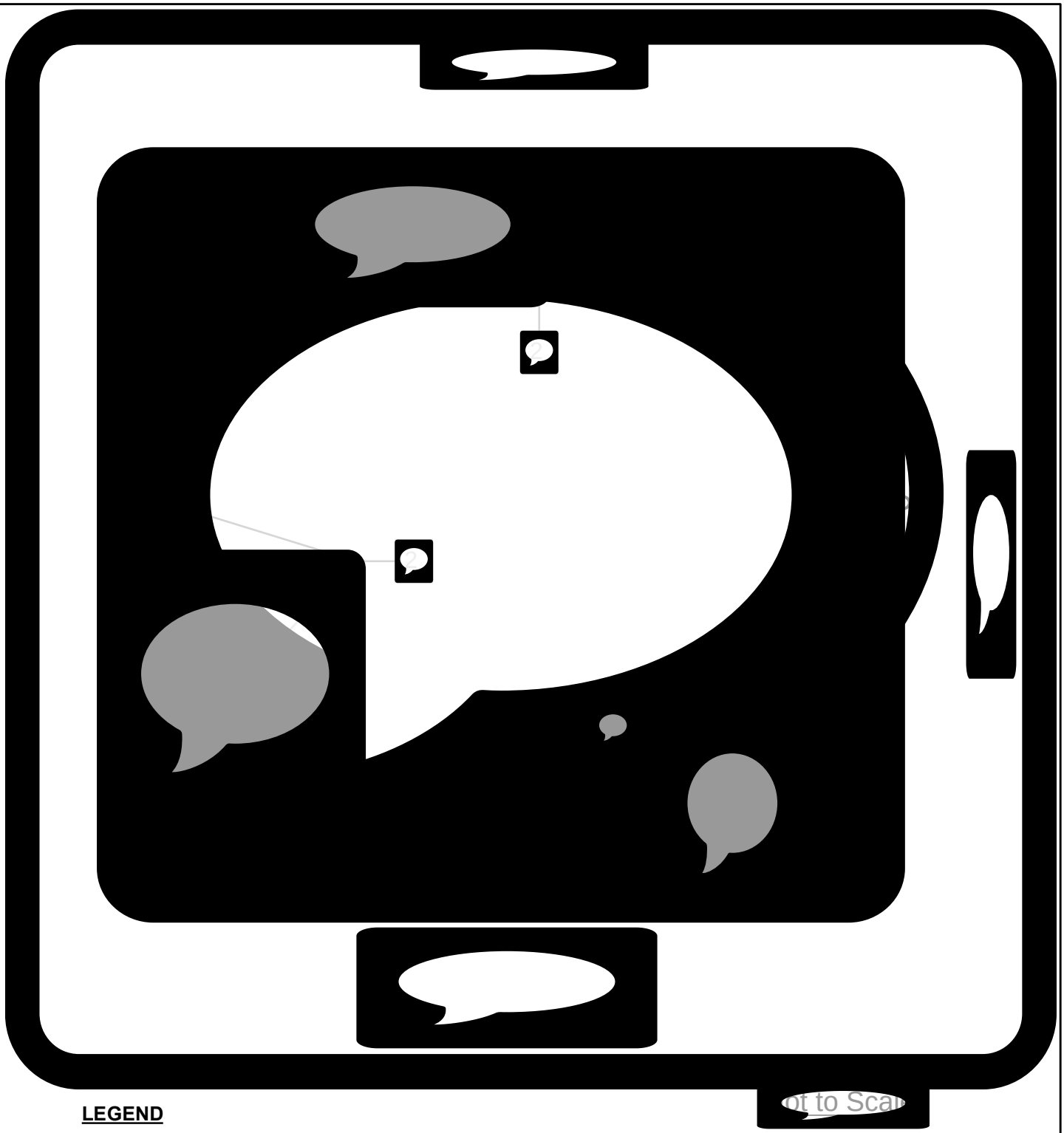
Sample #	HA#	Material	Sample Area Description	Quantity & Condition/Friable
16	A	block mortar	exterior wall	good NF 255²
16	B	↓	↓	↓
16	C	↓	↓	↓

Relinquished By: Signature:

Received By: C.McGean Signature: C.McGean

Date: 08/15/2022 8/15/22

APPENDIX E
ASBESTOS LOCATION SKETCHES



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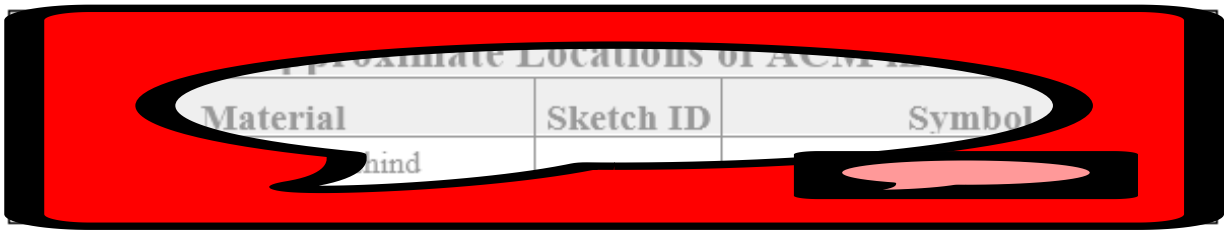


Material	Sketch ID	Symbol
hind		

AKRF
440 Park Avenue South, New York, NY 10016

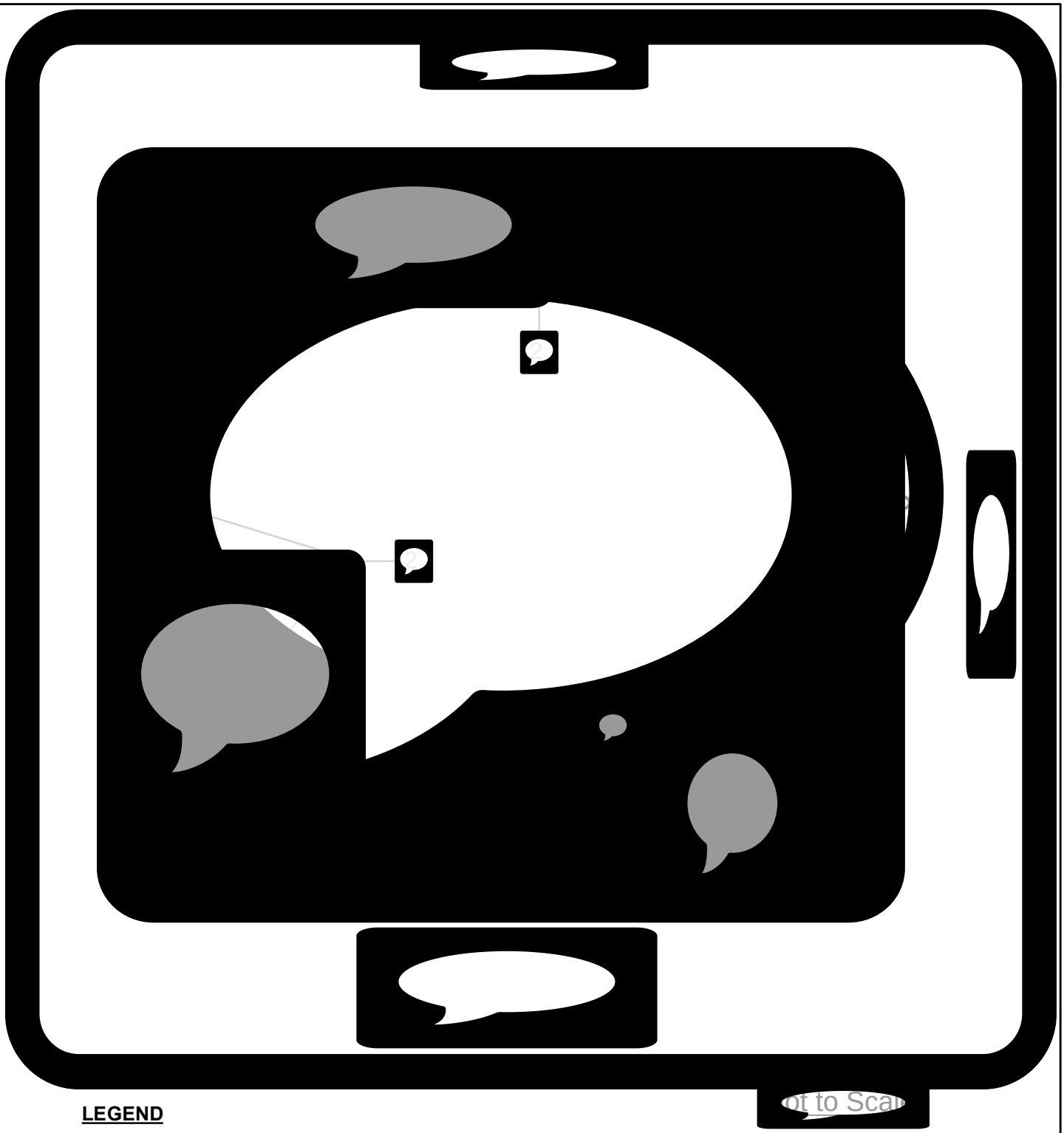
746 PROSPECT AVENUE
New Cassel, New York

Asbestos-Containing Materials
Approximate Locations - 1st Floor

DATE
8/25/2022

PROJECT NO.
200225

FIGURE
1



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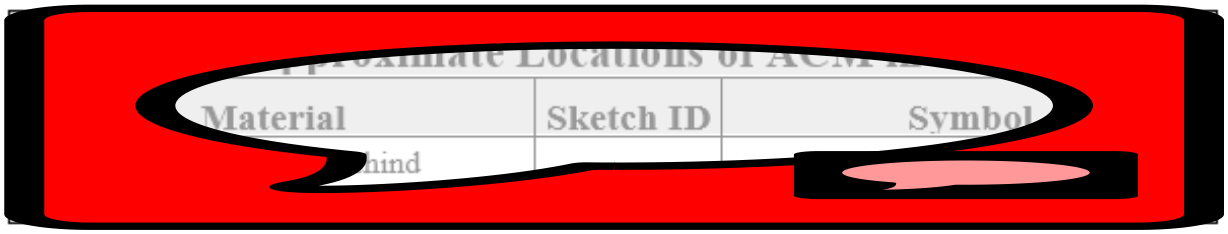


Material	Sketch ID	Symbol
hind		

AKRF
440 Park Avenue South, New York, NY 10016

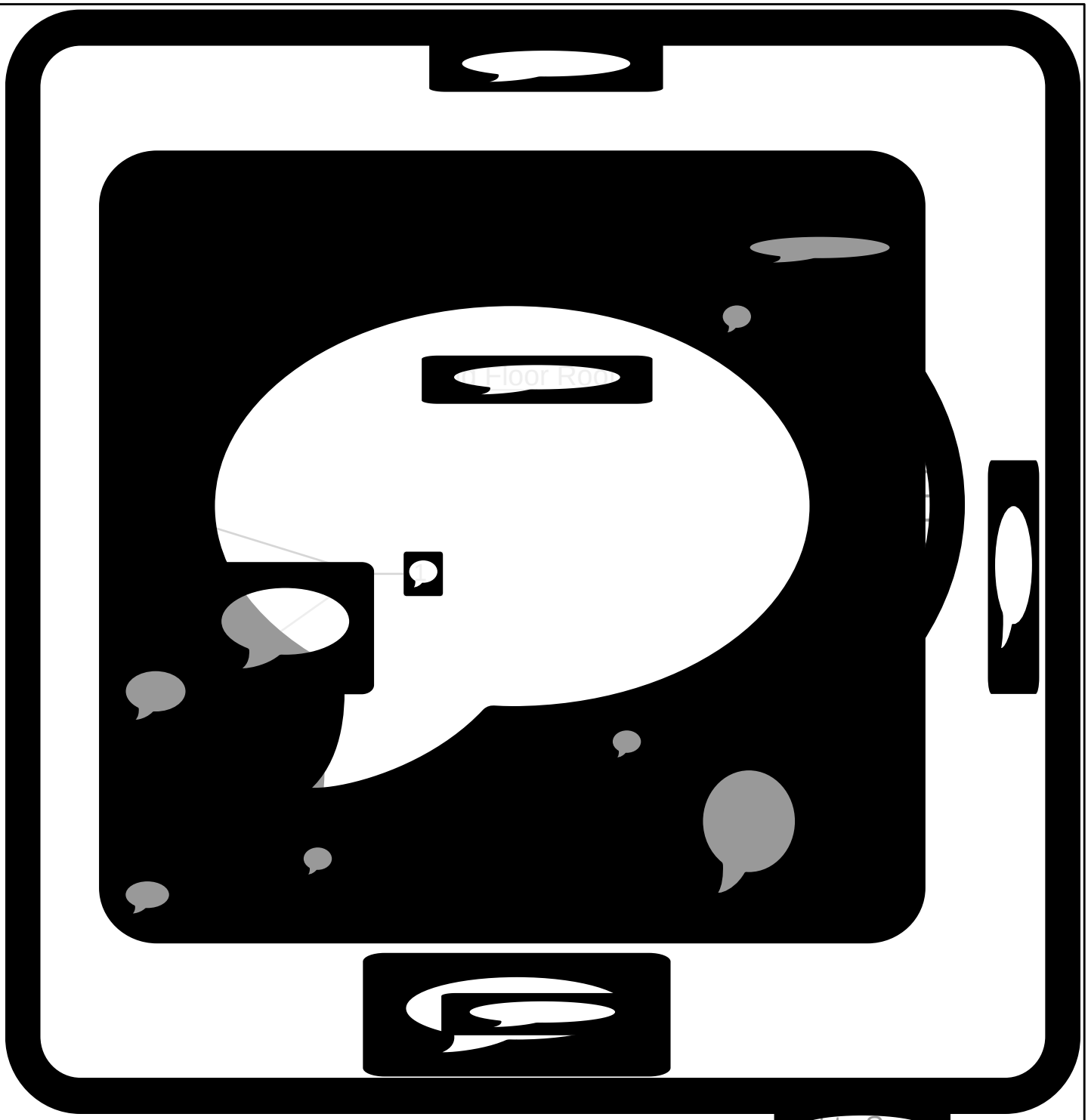
746 PROSPECT AVENUE
New Cassel, New York

Asbestos-Containing Materials
Approximate Locations - 2nd Floor

DATE
8/25/2022

PROJECT NO.
200225

FIGURE
2



LEGEND

Material	Sketch ID	Symbol
Brick and		

AKRF
440 Park Avenue South, New York, NY 10016

746 PROSPECT AVENUE
New Cassel, New York

Asbestos-Containing Materials
Approximate Locations - Roof Level

DATE
8/25/2022

PROJECT NO.
200225

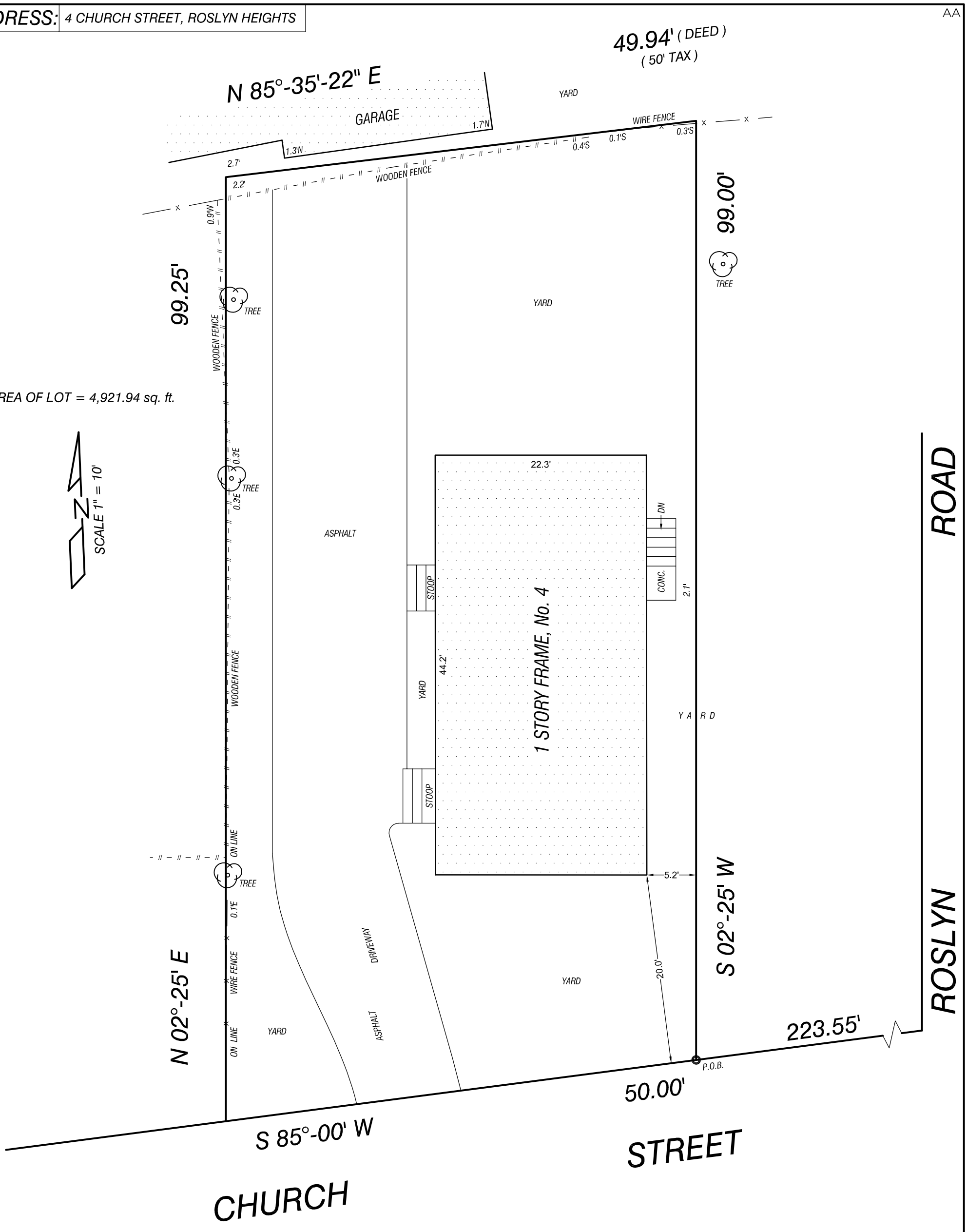
FIGURE
3

Exhibit C

4 Church St Property Documents

ADDRESS: 4 CHURCH STREET, ROSLYN HEIGHTS

AA



SCALE 1" = 10'

AREA OF LOT = 4,921.94 sq. ft.

1. GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON OR PERSONS FOR WHOM THE SURVEY IS PREPARED AND CERTIFIED TO AND ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
2. EASEMENTS OF RECORD ARE ONLY GUARANTEED IF A DESCRIPTIVE ABSTRACT OF TITLE IS FURNISHED TO THE SURVEYOR.
3. THIS MAP WAS MADE AT A SCALE OF 1"=10' WHEN ORIGINALLY DRAWN.
4. PROPERTY CORNER MONUMENTS WERE NOT PLACED AS PART OF THIS SURVEY.
5. IT IS A VIOLATION OF THE STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY.
6. ARCHITECTS MUST ORDER A TOPOGRAPHICAL MAP SPECIFYING THEIR EXACT NEEDS.
7. ALL ELEVATIONS SHOWN IF ANY REFER TO THE NAVD1988.
8. ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED OR EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
9. CONSULT WITH THE HIGHWAY DEPARTMENT BEFORE DESIGNING, INSTALLING, OR MODIFYING ANY NEW OR EXISTING CURBS, WALKS, OR ROADWAYS IN THE STREETS SHOWN HEREON.
10. SUBSURFACE INFORMATION SHOWN WERE OBTAINED FROM VARIOUS CITY DEPARTMENTS AND/OR PRIVATE UTILITY COMPANIES. THE SURVEYOR ACCEPTS NO RESPONSIBILITY FOR ANY OF THIS DATA.
11. SURVEYED AS IN POSSESSION.

CERTIFIED TO:
LANDWORKS TITLE AGENCY LLC

TITLE No.
ECY-100042

ANASTASIA I. PARSATOON
LAND SURVEYING, P.C.
1300 JERICHO TURNPIKE, STE. 207
NEW HYDE PARK, NY 11040
OFFICE (516) 352-0396
EMAIL: INFO@AIPLS.COM

SURVEY No. PN000595

TOWN OF NORTH HEMPSTEAD
COUNTY OF NASSAU
STATE OF NEW YORK
TAX MAP
DISTRICT
SECTION 7
BLOCK 60
LOT 334

DATE: MARCH 19th, 2020

ANASTASIA I. PARSATOON, L.S.
NEW YORK LICENSE 051088

99.52'

50.0' CHURCH ST

ASPHALT DRIVEWAY

ASPHALT DRIVEWAY

2'-0"

12'-0"

15'-0"

11'-0" S.Y.

3'-6"

3'-0"

44'-6"

S.T. UP

25'-10" S.Y.

SINK

DW

KITCHEN

RANGE

DINING AREA

REF

5'-2" UP

HALL BATH

LINEN CLOSET

EN-SUITE BATH

CLOSET

3'-6"

3'-6"

5'-2"

3'-6"

MASTER BEDROOM

15'-0"

11'-2"

HALL

10'-2"

21'-7"

UNIT #1 (3 BEDROOMS)

26'-11"

3'-6"

3'-0"

LIVING ROOM

CLOSET

13'-6"

3'-0"

BEDROOM #3

11'-7"

10'-0"

CLOSET

2'-0"

CLOSET

BEDROOM #2

11'-7"

14'-0"

2

2

9'-0"

25'-0" F.Y.

5'-0" S.Y.

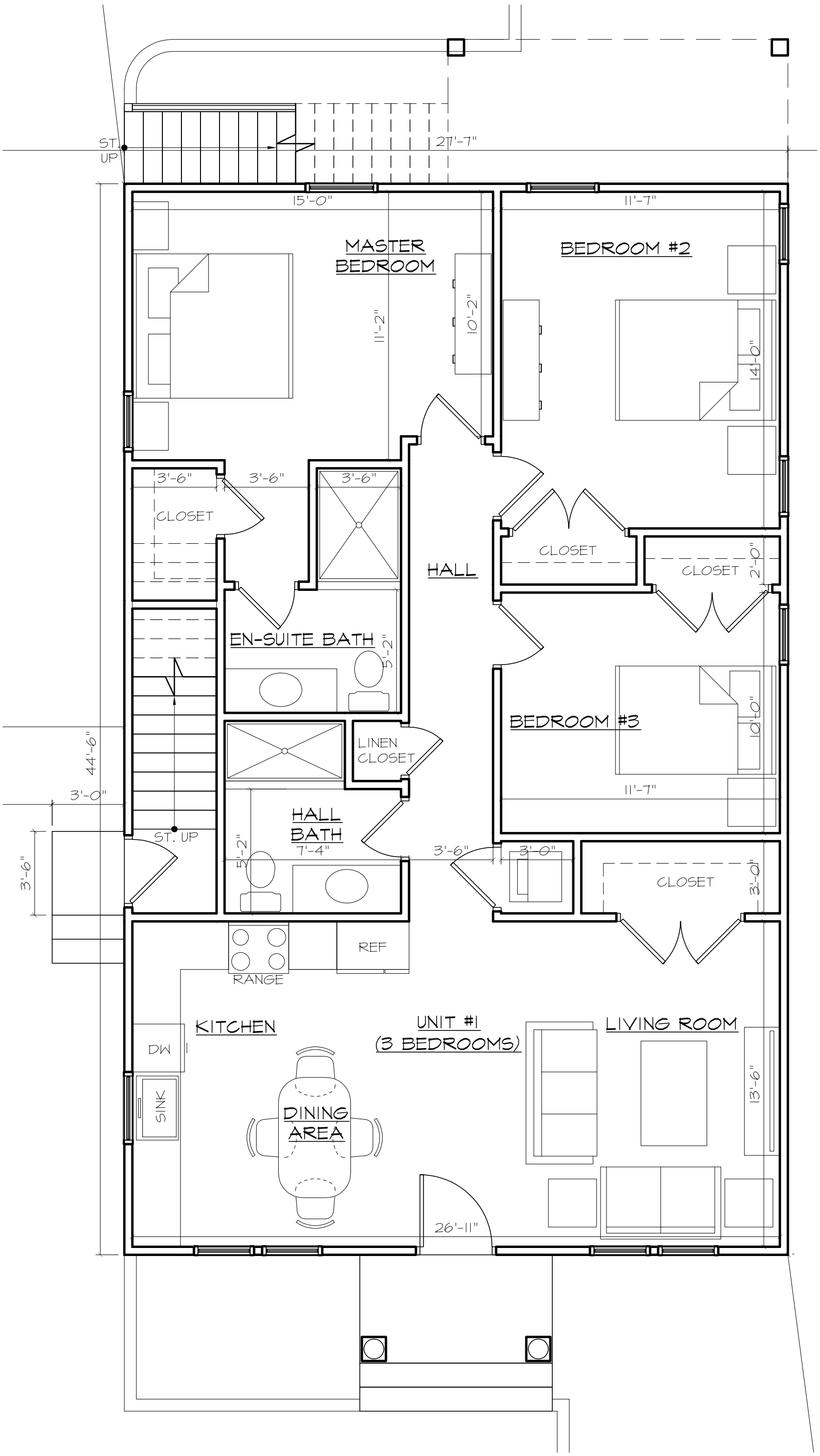
49.94'

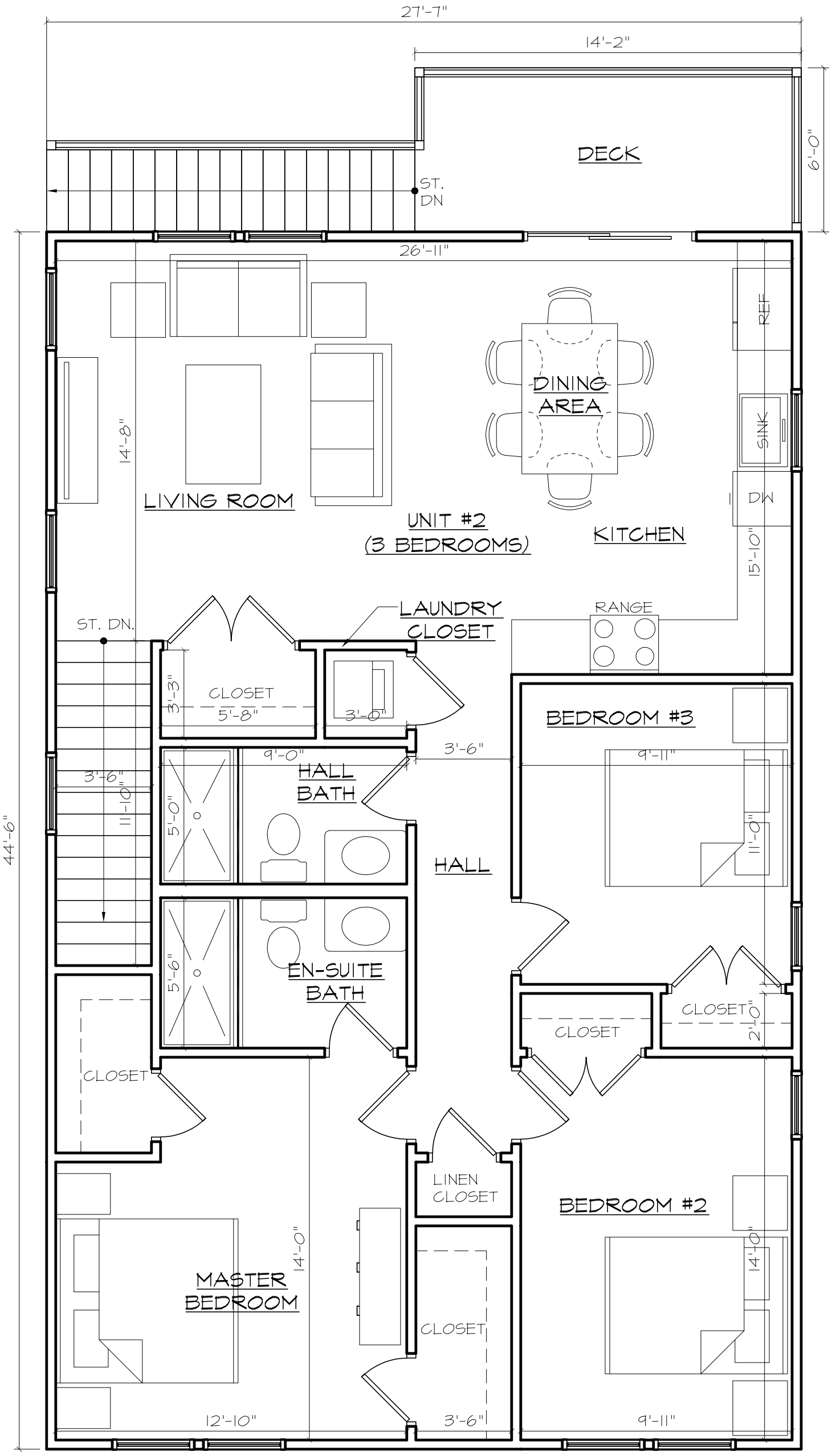
99.00'

223.55'

NORTH

ROSLYN ROAD


ST.
UP
21'-7"
15'-0"
11'-7"
MASTER
BEDROOM
BEDROOM #2
11'-2"
10'-2"
14'-0"
3'-6"
3'-6"
3'-6"
CLOSET
HALL
CLOSET
CLOSET
2'-0"
EN-SUITE BATH
5'-2"
BEDROOM #3
10'-0"
LINEN
CLOSET
11'-7"
44'-6"
3'-0"
HALL
BATH
7'-4"
ST. UP
5'-2"
3'-6"
3'-0"
CLOSET
3'-0"
3'-6"
REF
RANGE
KITCHEN
UNIT #1
(3 BEDROOMS)
LIVING ROOM
DW
SINK
DINING
AREA
13'-6"
26'-11"



SECOND FLOOR PLAN

MULTIFAMILY - LAFFEY
2ND FLOOR SF: 1,228.2

Emilio Susa Architect

Exhibit D

Proposers Qualification Statements

EXHIBIT D

ORGANIZATION QUALIFICATION STATEMENT

The Organization's Qualifications Statement consists of the following documents:

1. Statement of Understanding;
2. Disclosure Form;
3. Non-collusive Proposal Certification;
4. Certification of Insurance (to be completed by an authorized insurance agent); and
5. Addenda Acknowledgement.

Please complete ALL FIVE forms and submit them with the Proposal.

THE AGENCY RETAINS THE ABSOLUTE RIGHT TO REJECT ANY PROPOSAL THAT FAILS TO INCLUDE COMPLETE AND ACCURATE ORIGINALS OF ALL FOUR FORMS INCLUDING ALL APPROPRIATE ACKNOWLEDGMENT(S) AND BEARING THE SIGNATURE OF A NOTARY PUBLIC.

STATEMENT OF UNDERSTANDING

By signing in the space provided below, the undersigned certifies, under penalty of perjury, as follows:

1. I am duly authorized to submit this Proposal on behalf of the below-listed sole proprietorship/company/partnership /corporation.

2. That he/she has read and understands all terms and conditions under this RFP.

3. That he/she has the capacity to and will abide by all terms and conditions under this RFP.

4. That he/she agrees to accept payment per the requirements of the RFP; and

5. That he/she agrees that the Proposal submitted to the Agency shall be irrevocable and that he/she will, if his/her Proposal is accepted, enter into an agreement with the Agency under the terms and conditions set forth in the RFP.

6. That he/she certifies that his/her Organization will carry all types of insurance specified in the agreement.

The undersigned further stipulates that this Proposal's information is true and accurate to the best of his/her knowledge.

_____
Signature

_____
Name of Organization

_____
Title of Person Signing

County of _____

State of _____

Subscribed and Sworn to before me on

this___day of_____, 20_____

_____
(Notary Public)

DISCLOSURE FORM

The signing of this questionnaire certifies under oath the truth and correctness of all Statements and all answers to interrogatories hereinafter made.

Provide answers to each of the following questions and supporting documentation, where necessary:

1. **Adverse Equal Opportunity Determinations:** Identify all adverse determinations against your Company/Corporation/Partnership, or its employees or persons acting on its behalf (hereinafter "Organization"), concerning actions, proceedings, claims, or complaints concerning violations of state, federal, or municipal equal opportunity Jaws or regulations.

2. **Convictions and Unscrupulous Practice:** Has your Organization, or any of its employees present or past, or anyone acting on its behalf, ever been cited for unscrupulous practice, or been convicted of any crime or offense arising directly or indirectly from the conduct of your Company/Corporation/Pa1tnership's business, or has any of your Organization's officers, director or persons exercising substantial policy discretion ever been convicted of any crime or offense involving business/financial misconduct or fraud? If so, describe the convictions and ·surrounding circumstances in detail.

3. **Pending or Threatened Actions/Suits:** Describe any past or present action, suit, proceeding, or investigation pending or threatened against your Organization, including, without limitation, any proceeding known to be contemplated by government authorities, private parties, or current or former clients.

4. **Criminal Misconduct:** Has your Organization, or any of its employees, or anyone acting on its behalf, been indicted or otherwise charged in connection with any criminal matter arising directly or indirectly from the conduct of your Organization's business which is still pending, or has any of the Organization's officers, directors or persons exercising substantial policy discretion been indicted or otherwise charged in connection with any criminal matter involving business or financial misconduct or fraud which is still pending? If so, describe the indictments or charges and surrounding circumstances in detail.

5. **Conflicts of Interest:** Disclose any of the following, and describe any procedures your Organization has or would adopt to assure the Agency that a conflict of interest would not exist in the future.

    a. Any material financial relationships that your Organization or any Organization employee has that may create a conflict of interest or the appearance of a conflict of interest in contracting with or representing the Agency.

    b. Any family relationship that any employee of your Organization has with a member, employee, or official of the Agency that may create a conflict of interest or the appearance of a conflict of interest in contracting with or representing the Agency.

    c. Any other matter that your Organization believes may create a conflict of interest or the appearance of a conflict of interest in contracting with or representing the Agency.

6. **Financial Disclosure:** Submit with this Disclosure Statement Form any one of the following three items:

    a. Financial Statement, prepared on an accrual basis, in a form which clearly indicates: Organization's (1) assets, liabilities, and net worth; (2) date of financial Statement; and (3) name of Organization that prepared the statement.

    b. A letter of credit reference from a recognized bank or financial institution; or

    c. A certified copy of a credit report from a recognized credit bureau, such as Dun and Bradstreet or TRW.

THE AGENCY RETAINS THE ABSOLUTE RIGHT TO REJECT ANY PROPOSAL THAT FAILS TO INCLUDE A COMPLETE DISCLOSURE STATEMENT FORM.

Dated this_____, day of_____, 20_____

_____
(Signature of Individual)

_____ _____
(Print First and Last Name) (Print Title)

By:_____(Seal, if corporation) (Signature)
(Legal Business Name of Company/Partnership /Corporation)

[MANDATORY AFFIDAVIT(S) AND ACKNOWLEDGMENT APPEARS ON FOLLOWING PAGE]

----------(Affidavit for Individual)----------

_____being duly sworn deposes and says, under penalty of perjury, that: a) he/she is an authorized representative of the Organization; b) he/she has read all Statements and answers to this DISCLOSURE STATEMENT FORM, including the attached letter of credit/certified copy of credit report or financial statement submitted pursuant to interrogatory the Financial Disclosure; c) the attached letter of credit/certified copy of credit report or financial statement, taken from his/her books, is a true and accurate statement of his/her financial condition as of the date thereof; and d) all of the foregoing qualification information is true, complete, and accurate.

----------(Affidavit for Partnership)----------

_____being duly sworn deposes and says, under penalty of perjury, that: a) he/she is a member of the partnership of, b) he/she has read all statements and answers this DISCLOSURE STATEMENT FORM, including the attached letter of credit/certified copy of credit report or financial statement submitted pursuant to interrogatory Financial Disclosure; c) he/she is familiar with the books of said partnership showing its financial condition; d) the attached letter of credit/certified copy of credit report or financial statement, taken from the books of said partnership, is a true and accurate statement of the financial condition of the partnership as of the date thereof; and e) all of the foregoing qualification information is true, complete and accurate.

----------(Affidavit for Corporation)----------

_____ being duly sworn deposes and says, under penalty of perjury, that: a) he/she is _____of_____(Full Legal Name of Corporatism); b) he/she has read all statements and answers this DISCLOSURE STATEMENT FORM, including the attached letter of credit/certified copy of credit report or financial statement submitted pursuant to interrogatory Financial Disclosure; c) he/she is familiar with the books of said corporation showing its financial condition; d) the attached letter of credit/certified copy of credit report or financial statement, taken from the books of said corporation, is a true and accurate statement of the financial condition of said corporation as of the date thereof; and d) that all of the foregoing qualification information is true, complete and accurate.

----------(Acknowledgement)----------

_____ being duly sworn, deposes and says, under penalty of perjury, that he/she is _____ of _____ (Full Legal name of Origination) that he/she is duly authorized to make the foregoing affidavit and that he/she makes it on behalf of (_) himself/herself, (_) said partnership, (_) said corporation.

COUNTY OF_____

STATE OF _____

Subscribed and sworn to before me on

this _ day of_____, 20_____

_____

(Notary Public)

NONCOLLUSIVE PROPOSAL CERTIFICATION

By submission of this Proposal, each Organization and each Person signing on behalf of any Organization certifies, and in the case of a joint proposal, each Party certifies as to its own Organization, under penalty of perjury, that to the best of knowledge and belief:

(1) The prices in this Proposal were arrived at independently without collusion, consultation, communication, or agreement to restrict competition, as to any matter relating to prices with any other Organization or competitor;

(2) Unless otherwise required by law, the prices quoted in this proposal have not been knowingly disclosed by the Organization and will not knowingly be disclosed by the Organization before opening, directly or indirectly, to any other Organization or competitor; and

(3) No attempt has or will be made by the Organization to induce any other person, partnership, or corporation to submit or not to submit a proposal to restrict competition.

I hereby certify under the penalties of perjury that the foregoing Statement is true.

By: _____ _____

Signature | Date

_____ _____

Print Name | Title

_____ _____

Legal Name of Individual or Business Name of Company/Partnership/Corporation | Organization's State Tax Identification #

_____ _____

Address | Email Address

[MANDATORY ACKNOWLEDGMENT APPEAR ON FOLLOWING PAGE]

----------(Acknowledgment for Individual) ----------

STATE OF)
ss.:
COUNTY OF)

On_____, 20_____before me personally came_____to me known, and known to me to be the individual(s) described in, and who executed the foregoing NONCOLLUSIVE PROPOSAL CERTIFICATION, and duly acknowledged to me that s/he executed the same.

_____ _____
(Notary Public) My commission expires

----------(Acknowledgment for Partnership)----------

STATE OF)
ss.:
COUNTY OF)

On____, 20___before me personally came_____to me known, who, by me duly sworn, did depose and say that deponent resides at_____; that deponent is a member of the partnership described in and which executed the foregoing NONCOLLUSIVE PROPOSAL CERTIFICATION; deponent is authorized to sign the foregoing NONCOLLUSIVE PROPOSAL CERTIFICATION.

_____ _____
(Notary Public) My commission expires

----------(Acknowledgement for Corporation)---------- ----------

STATE OF)
ss.:
COUNTY OF)

On____, 20___before me personally came_____to me known, who, by me duly sworn, did depose and say that deponent resides at_____that deponent is the of the corporation described in, and which executed the foregoing NONCOLLUSIVE PROPOSAL CERTIFICATION, that deponent knows the seal of the corporation, that the seal affixed to the NONCOLLUSIVE PROPOSAL CERTIFICATION, is the corporate seal, that it was affixed by order of the board of the corporation; and that deponent signed deponent's name by like order.

_____ _____
(Notary Public) My commission expires

INSURANCE CERTIFICATION

TO BE COMPLETED BY AN AUTHORIZED INSURANCE AGENT

Authorized Insurance Agent, please complete this Insurance Certification and attach copies of proof of insurance as follows:

1. Commercial General Liability/Automobile Liability: ACCORD-25 FORM.
2. Worker's Compensation: Certificates or affidavits approved by the State Workers' Compensation Board under State Workers' Compensation Law § 57 (2) evidencing proof of workers' compensation insurance or proof of Proposer not being required to secure same.
3. Disability Benefits Insurance: Certificates or affidavits approved by the State Workers' Compensation Board under State Workers' Compensation Law § 220 evidencing proof of disability benefits insurance or proof of Proposer not being required to secure same.
4. Professional Errors and Omission Insurance.

This form and all supporting documentation must be submitted with this Bid/Proposal even if said information is on file with the Agency in connection with another bid, project, or contract.

_____

Name and Address of Proposer
Name of Bid

_____

(1) Commercial General Liability with completed operations (plus XCU when applicable), to which the Town of North Hempstead Community Development Agency has been added as additional insured, and Automobile Liability: $ 2,000,000.00 Combined single limit (bodily and personal injury/property damage).

Insurance Carrier: _____

Policy Number(s): _____

(2) Worker's Compensation:

Insurance Tear:_____Policy Number(s):_____

(3) Professional Errors and Omissions Insurance:

Insurance Carrier: _____

Policy Number: _____

Name, Insurance Affiliation and Address:

_____

_____Date _____

RFP for ARCHITECTURAL SERVICES NOVEMBER 16, 2023

ACKNOWLEDGMENT OF RECEIPT OF ADDENDA

The Proposer acknowledges he/she received and considered in the preparation of his/her Proposal, all requirements in the following Addenda to this RFP:

Note: This acknowledgment should be signed by the Person executing the Statement of Understanding.
Insert additional pages, as necessary.

Addenda Date		Acknowledgment Signature
No Addenda received for this RFP		

IMPORTANT NOTICE

THIS FORM MUST BE COMPLETED AND SUBMITTED BY ALL ORGANIZATIONS.

IF NO ADDENDA WAS ISSUED ACKNOWLEDGE THAT BY SIGNING NEXT TO THE “No Addenda received for this RFP” IN THE ACKNOWLEDGMENT BOX.

THE AGENCY RETAINS THE ABSOLUTE RIGHT TO REJECT A PROPOSAL THAT FAILS TO INCLUDE THIS ACKNOWLEDGMENT OF RECEIPT OF ADDENDA FORM