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 reoccupancy 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:

 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.

Town of North Hempstead Community Development Agency 51 Orchard Street Roslyn Heights New York 11577 Request for Proposals for Architectural Services November 16, 2023 Page 2 of 6

- 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 <u>cdadepartment@northhempsteadny.gov</u>

- 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 <u>between 10:00 AM and 4:00 PM</u>, <u>November 21st and 22nd, 2023</u> 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.

Town of North Hempstead Community Development Agency 51 Orchard Street Roslyn Heights New York 11577

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.

Town of North Hempstead Community Development Agency 51 Orchard Street Roslyn Heights New York 11577 Request for Proposals for Architectural Services November 16, 2023 Page 6 of 6

<u>Exhibit A</u>

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

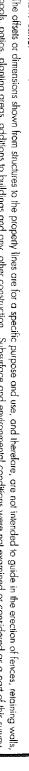
<u>Exhibit B</u>

746 Prospect Ave Property Documents

K:\Da19\A190 Ĕ WG\A1906 ą 6102 11:56:07 AM, BNW

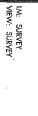
		EIDST AMEDICAN TITLE INSTIDANCE COMDANY	HOME ABSTRACT CORD	TOWN OF NORTH HEMPSTEAD COMMUNITY DEVELOPMENT AGENCY		Certified to: Title No.: 26845-HA-N	т 631.435.1111 ғ 631.435.1022 www.bbypc.com	Engineers Surveyors Planners I75A Commerce Drive Hauppauge, NY 11788	Van Weele, PC	1	Barrett
Scale: $I^n = 20^i$ Date:	Surveyed by: C.S. Drafted by: B.W.					Revision	Situate: WESTBURY, TOWN OF NORTH HEMPSTEAD	Filed: 04/22/1892 No.: 14	Map Lot: P/O 7 & 8	Map of: 2nd MAP OF THE CITY OF NEW CASSEL	Tax Map: SECTION 11 BLOCK 90 LOT 48
Date: OCTOBER 28, 2019	Checked by: C.W.					By Date	ORTH HEMPSTEAD	County: NASSAU	Map Block: 90	NEW CASSEL	LOT 48
	Project No : ATOAL18	sidered to be a true and valid copy	seal and signature shall not be con-	ing the land surveyor's embassed	Copies of this survey map not bear-	<	IN MARK		7209 of New York State Education taw	Unautharized alteration or addition to this survey is a violation of Section	

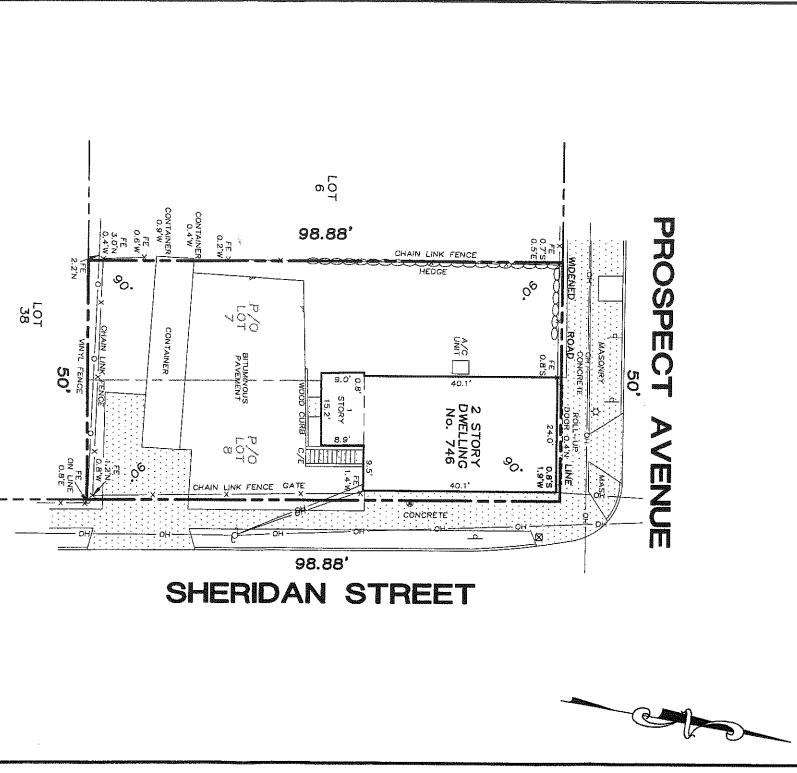
The offsets at dimensions shown from structures to the property lines are for a specific purpose and use, and therefore, are not intended to guide in the erection of fences, retaining walls, pools, patios, planting areas, additions to buildings and any other construction. Subsurface and environmental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







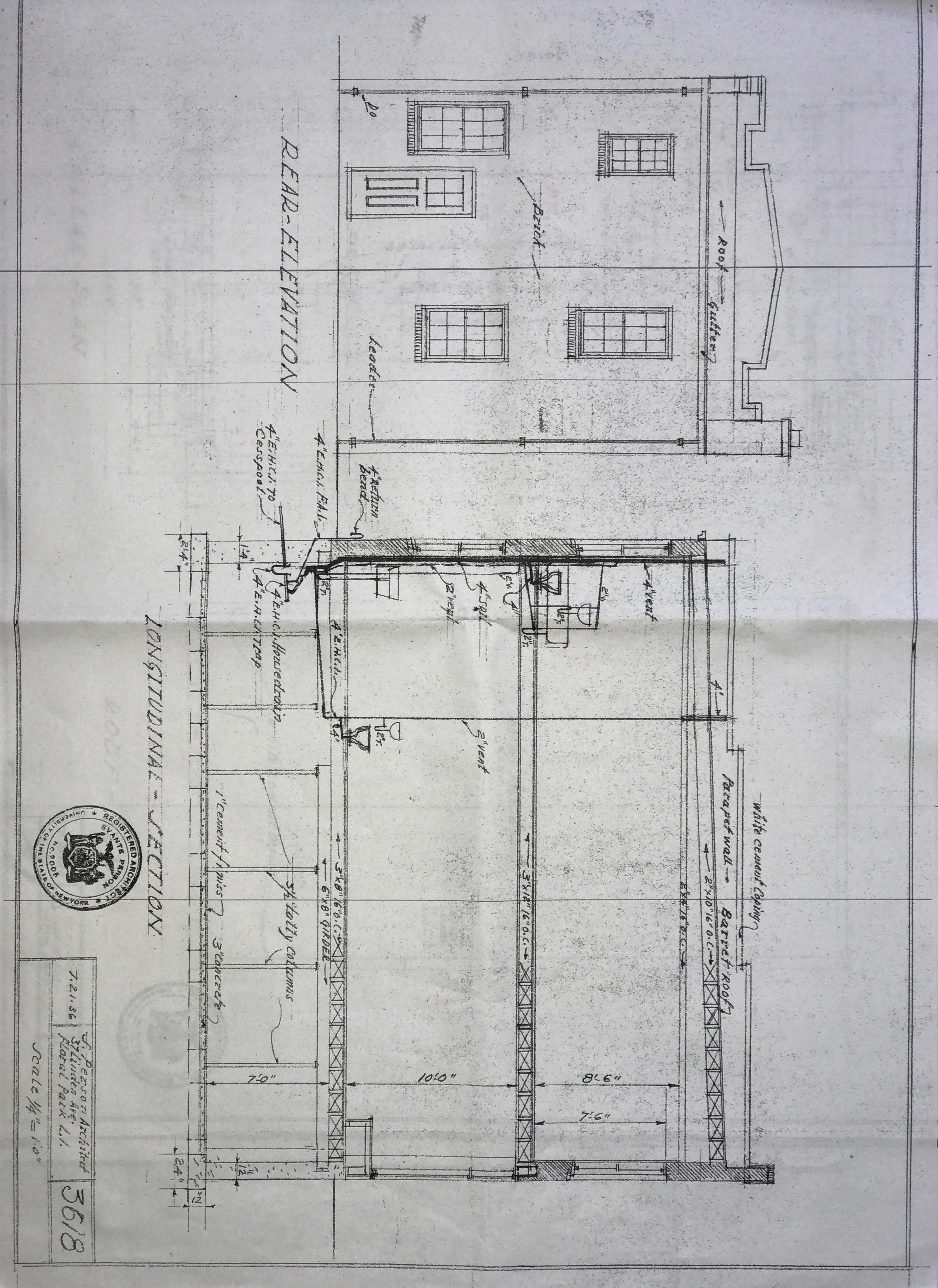


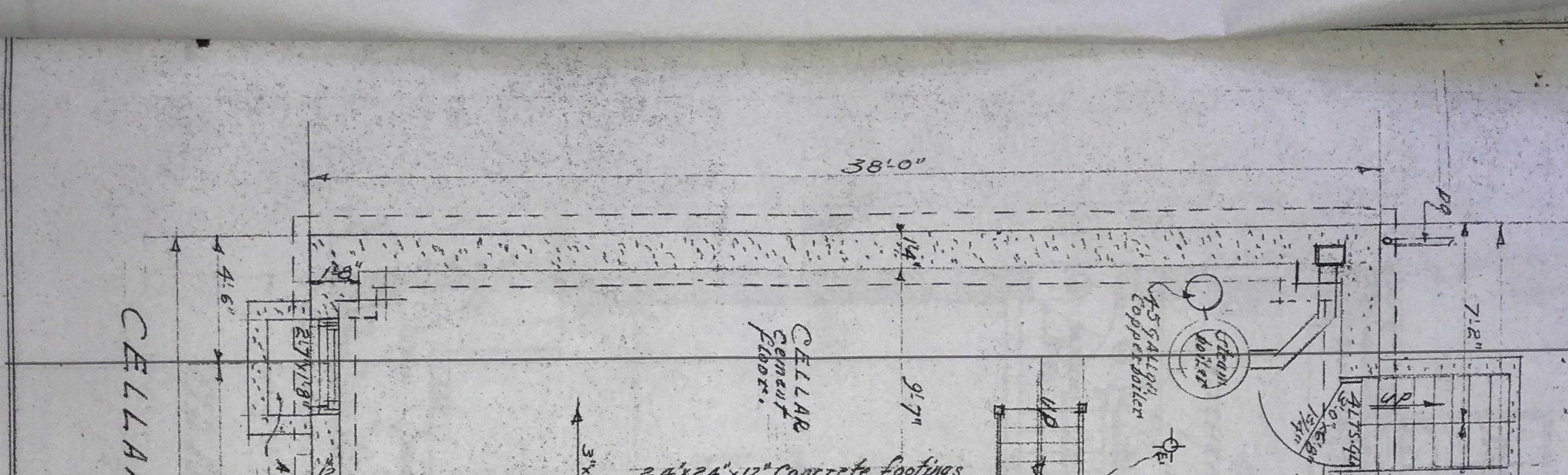


by the New York of encumbrances. entiticat encumbrances. ions Б cated hereon signify that this plat of the property depicted hereon was mode in accordance with the existing Code of Practice for Land Surveyors adopted State Association of Professional Land Surveyors. This certification is only for the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

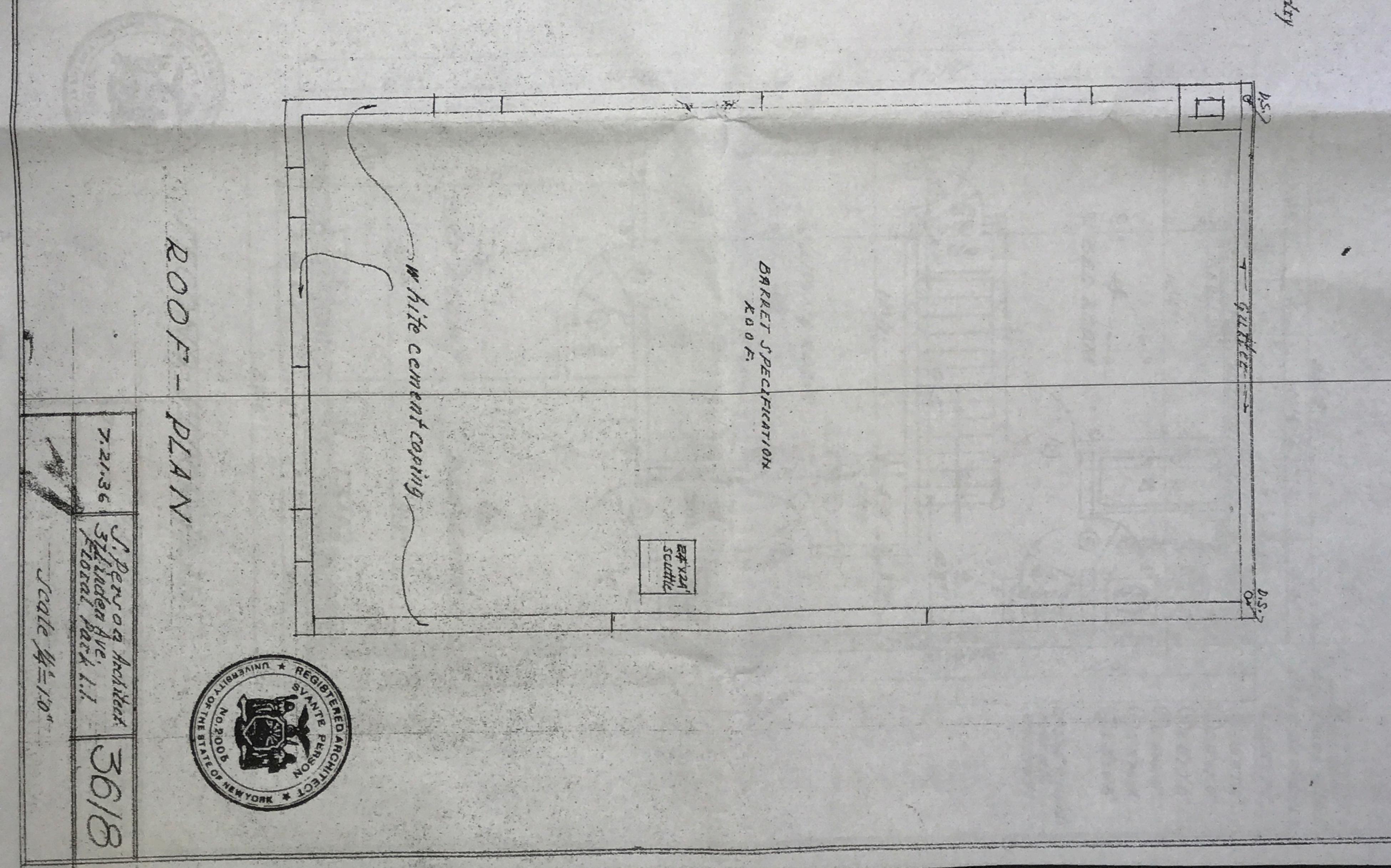


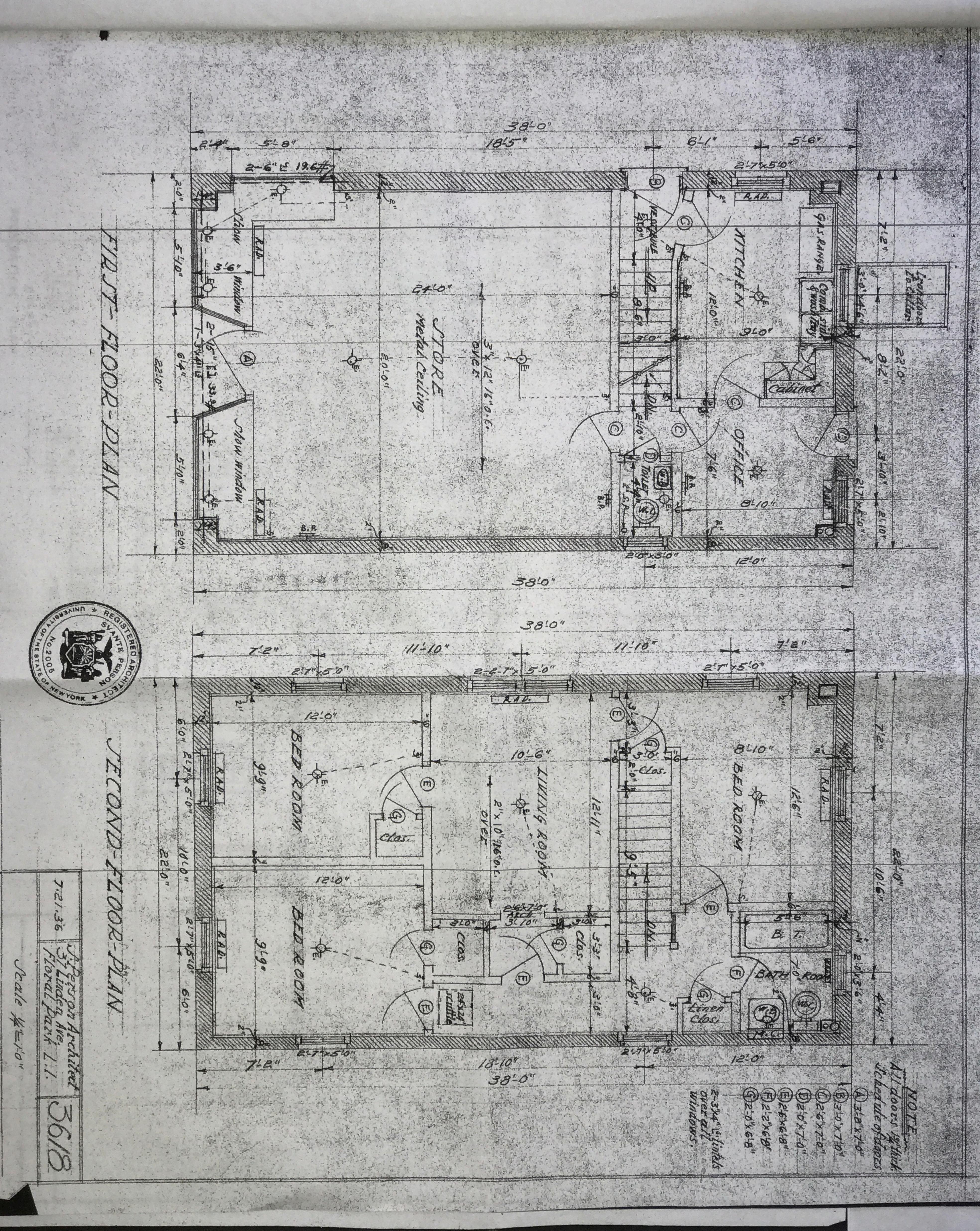


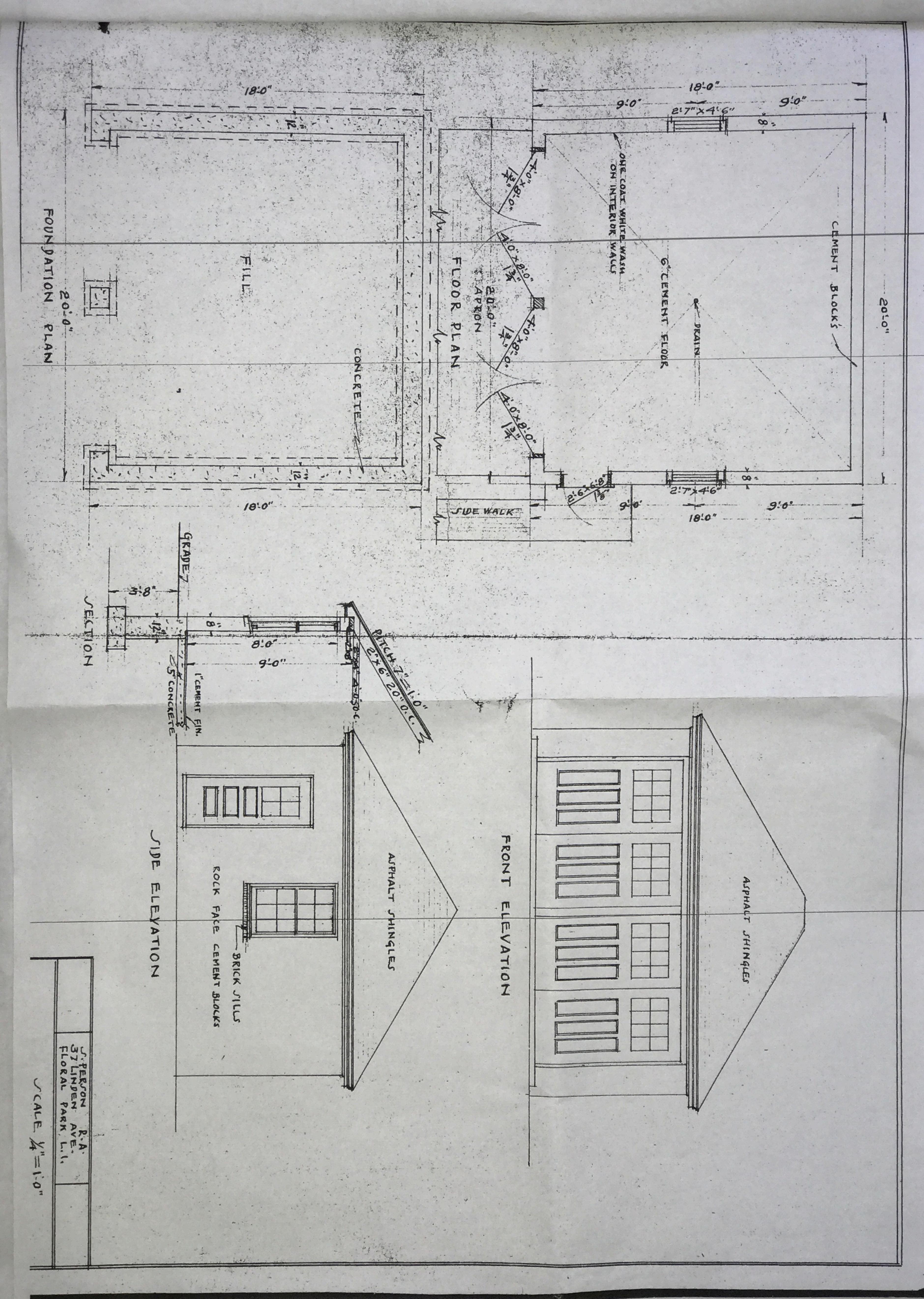




24 x24"x12" Concerte footings 3 8 5 0 20 T4 IN I IS MANY A 90 0 a 96 X8 GIRDER- 9 5-A 0 1.6 - Lique 6 2 3/2 Lally columns -Carlotte La R ----------5-9" 5.9" 4.4" 44" 591 4"E.H.C.I.House F"E.H.C.L.T 12 18 10 i na he personal and in the start of the sta 38:0" - were the second and a shout on the mant of an as advant on Party 14,5 word a lo

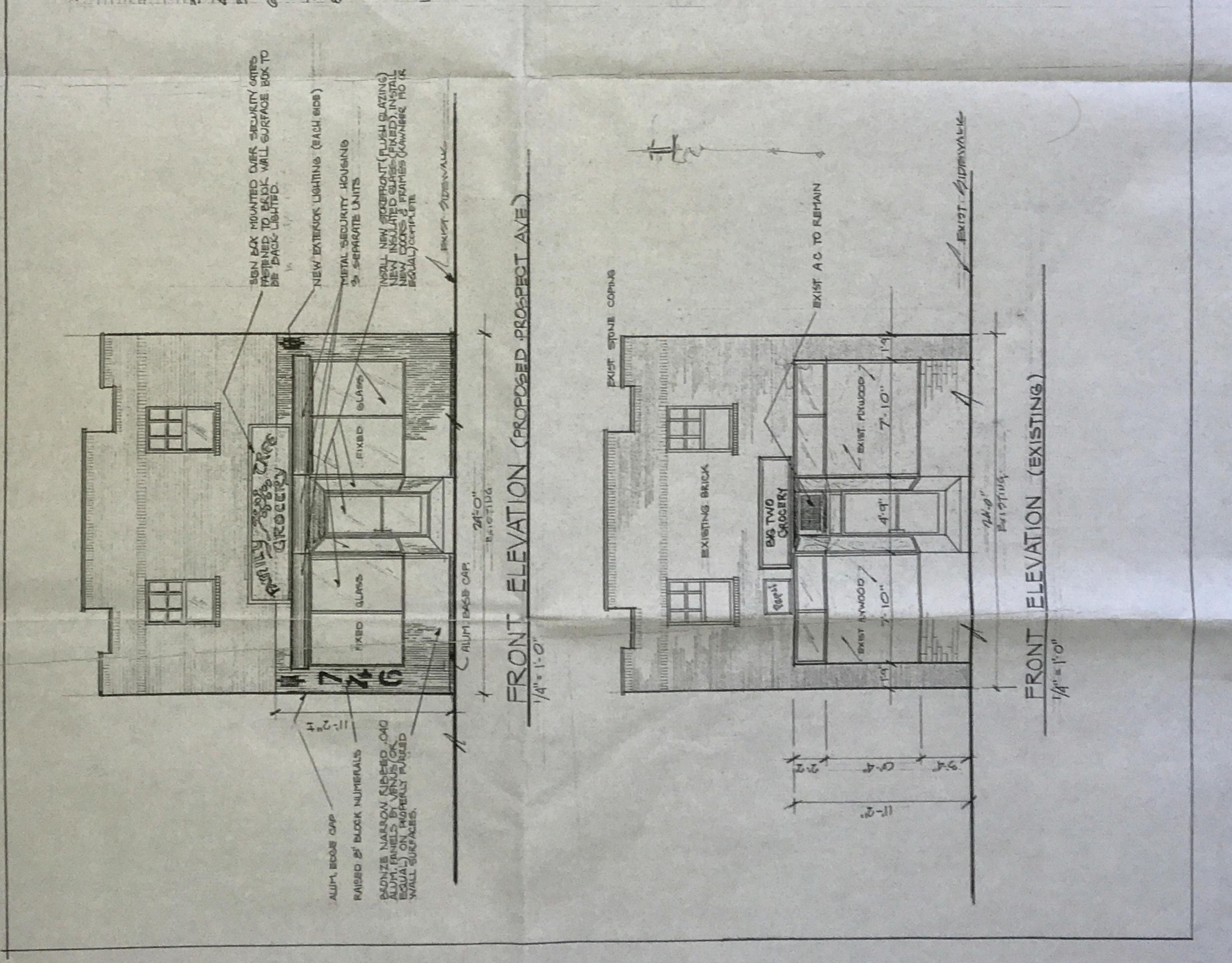






AL UGHT SWINGS CTED UZITY NATER! 4 20 TAS -10 AS AND SPEC-200 ARKE I APPROVAL ATED 27 0 gg -1991 Proulect By ADE THOMAS H. C. -20 35 -51 AN ANTRUCTION MA 205 THESE DEALANDOS VINNED A VORK THE PROPIERT REL ÷ 렸 2 9 3 AND 1 allow 1 - R PECU U H H 1VO DEMOVED VEN FOR ALL 신 AS 14 上成つ RIS 5 5 1 ALI USIBLE F 1 LUN 0 T6 . JON Ш Size a SINNC á -NADIAEHO 19 20 젝 N 2 IOLEN 5HODH RAGE NM 2 MINUTA -0 12 ~ V E. BRI ZU-IOHONMIT. AND NE 2 = 0 0 4 世 2.0 10 S SEL 10

GULATIONS OF THE TOWN MILLT, THE NEW YOEK UD THE REDUIREMENTS OMMUNITY DEVELOPMENT VERTHONS ANY DISCREEPAND I OF THE COA INSPECTOR IN PREFERENCE TO IN PREFERENCE TO IN PREFERENCE TO IN PREFERENCE TO IN PREFERENCE TO DUSTRUCTION AND DUSTRUCTION AND DUSTRU	PROSPECT	IOO. BROCK # JO FOL # JO	TLA .	PROJEC TOV FACAE DMI B/10
EM TO THE PULED AND RE EM TO THE PULED AND RE EAD EULIDING DEPART COUSTRUCTION OCDE A NORTH TO THE ATTENTION AND OF EXPERING COULD AND OF AND COURTED NGS. THAT TO THE ATTENTION NCING WORK. NCING WORK. NCING WORK. NCING WORK. NCING COURTED NGS. THAT ARE TO RE SHALL COORDINATE NGS. THAT ARE TO RE SHALL COORDINATE NGS. NICHT SEAL AT ALL ON NEE AND COARD. NEE AND COARD NEE AND COARD. NEE AND COARD. NE COARD. NE COARD. NE COARD				
General Notes all work to control of Noted Science Contrene Building Contrenes to Addition Fred Mensurement Fred Fred Fred Fred Fred Fred Fred Fred				



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:



February 4, 2022



TABLE OF CONTENTS

PAGE

EXECU	ITIVE SU	JMMARY	iii
	ES 1	Asbestos Sampling Summary	iii
1.0	SCOPE	OF SERVICES	1
2.0	ASBES	TOS SURVEY	1
		Asbestos Threshold Levels	
	2.2	Analytical Methods	1
	2.3	Asbestos Sampling Results	2
3.0	LIMITA	TIONS OF THE INVESTIGATION	4
4.0	CERTIF	FICATION OF RESULTS	5
4.0	CERTIF	FICATION OF RESULTS	

TABLES AND FIGURES:

Table ES 1:	Identified Asbestos-Containing Materials
Table 2.3.1	January 26, 2022, Asbestos Survey Analytical Results

APPENDICES:

Appendix A:	Asbestos Bulk Sampling Analytical Results, Chain of Custody Documentation,
	Sample Locations Site Plan

- Appendix B: Photographic Log
- Appendix C: Report Certifications



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.

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

Table ES 1: Identified Asbestos-Containing Materials

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.

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

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 (%)
5	12	1 st FL retail space	Spot black wall mastic	ND	ND
6	13	1 st FL retail space	Ceramic wall tile grout	ND	N/A
0	14	1 st FL retail space	Ceramic wall tile grout	ND	N/A
7	15	1 st FL retail space	Ceramic wall tile thinset mortar	ND	N/A
7	16	1 st FL retail space	Ceramic wall tile thinset mortar	ND	N/A
8	17 1 st Floor Brick wall coating		Brick wall coating	8% Chrysotile	5.1% Chrysotile
o	18	1 st Floor	Brick wall coating	PS	PS
9	19	2 nd FL Apt. Bathroom	Wall tile grout	ND	N/A
9	20	2 nd FL Apt. Bathroom	Wall tile grout	ND	N/A
10	21	2 nd FL Apt. Bathroom	Wall tile thinset mortar	ND	N/A
10	22	2 nd FL Apt. Bathroom	Wall tile thinset mortar	ND	N/A
11	23	2 nd FL Apt. Bathroom	Floor tile grout	ND	N/A
11	24	2 nd FL Apt. Bathroom	Floor tile grout	ND	N/A
10	25	2 nd FL Apt. Bathroom	Floor tile thinset mortar	ND	N/A
12	26	2 nd FL Apt. Bathroom	Floor tile thinset mortar	ND	N/A
10	27	2 nd FL Apt. Living Room	12"x12" brown self-adhesive VFT; 1 st layer	ND	ND
13	28	2 nd FL Apt. Living Room	12"x12" brown colf adhasiya	ND	ND
	29	2 nd FL Apt.	12"x12" beige self-adhesive VFT; 2 nd layer	ND	ND
14	30	2 nd FL Apt.	12"x12" beige self-adhesive VFT; 2 nd 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
16 34		Exterior; West elevation	Brick mortar cement	ND	N/A
35		1 st FL level; North elevation	Exterior window caulk	ND	ND
17	36	1 st FL level; North elevation	Exterior window caulk	ND	ND
37		2 nd FL; South elevation	Exterior window caulk	ND	ND
38		2 nd FL; West elevation	Exterior window caulk	ND	ND
19	39	Lower roof	Roof membrane; layer 1	ND	ND
19	40	Lower roof	rer roof Roof membrane; layer 1		ND
20	41	Lower roof	Roof membrane tar paper - layer 2	ND	ND
20	42	Lower roof	Roof membrane tar paper - layer 2	ND	ND
21	43	Lower roof	Roof flashing	ND	ND
21	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.

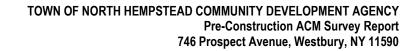
Imsu

Pavel Mashenko NYS DOL Certified Asbestos Inspector Sr. Project Manager

Francis Pierre Operations Manager

February 4, 2022

February 4, 2022



ATLAS ATC

APPENDIX A

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



SITE PLAN

Page 1 of 3

	Hempstead Comm. Development Agency Pr	roject # Z214NH0004 Insp. Date: 1/26/2022
	ct Avenue, Westbury, NY 11590	
Homeowner:	David Glassmann	
Inspector's Name: Note: <u>1St Furok</u>		Signature: 1/200
		~
		have been a second
	5,8 .0	
	sto who who	East Practices
	a hand	have have
	CONT	13,15 - Curren Mahala
	5	13105 - Curren of go maka
	T	14,16
	E	
	F mp/se	- I Gude Work of
	331	17 W 6 G
	12.	18 4
	- N	×34
	R	ETAIL Space
		Space
		7,10
		10
1		
	L	
X	36	135
IN		Not drawn to scale



SITE PLAN

Poge 2013

Client:	Town of North Hempstead	Comm. Development Agend	Project # Z214NH0004 In	sp. Date: 1/26/2022
Site Address:	746 Prospect Avenue	, Westbury, NY 11590		
Homeowner:				$\gamma \gamma$
Inspector's Nar	me:	David Glassmann	Signature:	Jan
Note: 2 ⁿ	FLODA			/ //
		39,41	40,42	
		LOWER		
		LOWER		
		02.000		
	t	37,94	43	
	DN TDI			
		KITCHEN	BATH	
		KIICHEM	1 10	21
	17		ink p	23,25
	i cu		24,26	
	1 A		- 20,22	2
	P	×27;	BATH 18, 24,26 20,22 20,22	
		~!j	438	
	The second se			
	BEDH	S LIVING- Room		
	μυ	Koom		
		6	2,4	
		*28,30	K	
		142090	CL	
		VII		
	н. »»		N HT	
	BED	& BED#	-	
	1, a)			
	V. Lie	3E	<u> </u>	
Γ	1			
				Not drawn to scale



SITE PLAN

Page 3of 3

Town of North Hempste	ead Comm. Development Agency	Project # Z214NH0004 Insp. Date: 1/26/2022
746 Prospect Aver	nue, Westbury, NY 11590	
ame: BASEMENT	David Glassmann	Signature:
	BASEMENT	
131 132		
	746 Prospect Aver	BASEMENT

	1	
Page _		of

3

-	F	-	AS	
-	51	157	13	

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

BATCH #: 22-138 **PROJECT INFORMATION** 4a. Project Manager: 1. Client: 2. Project Name: 3a. Atlas Project No.: Pre-Construction ACM Survey Z214NH0004 P. Mashenko TOWN OF NORTH HEMPSTEAD 2a. Project Address: 3b. Task No.: 4b. Inspector: 746 Prospect Avenue, Westbury, NY 11590 0001 David Glassmann 9. Comment s (Field) 5. Date: 6. Homeowner Name: 8. Turnaround Time: o STAT 024 HRS 072 HRS 0OTHER 06 HRS 048 HRS 0NORMAL_____ Stop @ 1st Pos. for each HA 1/26/2022 NOB->TEM. Email results to: 7. Sampling Areas: pavel.mashenko@oneatlas.com Interior, Exterior

BULK SAMPLE LOCATION

10. Homogenous	1000	12. Material	13. Thermal	14.	Sample Location	15. Material Total	16. Asbestos
	Sample ID	material	System,			Qty.	Content
	No.	1	TSI, Misc.	Floor	Sample Coordinates	(LF, SF, PCS)	(Type & %)
1	1	gipsum board	MISC)	Retailspace	3000 SP	
V	2			2	Retailspace Residential		
2	3	Jant Compound		1	Retail Space Residential	8-00.57	
ł	4	k '	\downarrow	r	Residential		
3	5	Wall plaster - White cont	SM	1	Retar Space	350 54	
	6)	1			
Ŷ	1	\checkmark					
Ч	Ś	· brown total				350SF	
-	9						
¥.	10	V V	V		с. с. С.		
5	11	Spot Black Wall Mashe	MISC		west which	3SP	
V	12	d'	1	I.	1		
6	ß	Cerame wall the growt		1	- West WALL	140 54	
¥	14						
7	15	Thinset				11/0 SF	÷
ł)6						
g	17	Black COATING ON WALL	1		- EAST WALL	800 sF	
V	18		1	4	1 - WEST WALL		

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submitta	
I. David Glassmann	Thehore	180	Filler 8-4	1/27/202-	12=02,Mu	Field Walk In	
	11.4	1.0	0	1.1.1.1.1.1.1	- 10-00/10	US Mail	14.4
Ш. /						Fed-Ex	
III.						Other	

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By: FALM will Unin	1/27/202	8 jer	
24b. Analyzed By: MELMAL	1/29/22	11-A	-
24c. QC By:	-(· · (
TEN a Defegoallier PM 1/2	31/27 1	sie	

Page 2 of 3



ATLAS BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

		P	ROJECT INFORMA	TION	BAICH #: 42-1.38
1. Client:		2. Project Name:		3a. Atlas Project No .:	4a. Project Manager:
TOWN OF NORTH HEMPSTEAD Pre-Construction ACI			M Survey	Z214NH0004	P. Mashenko
TOWN OF NOT	INTILWINGTLAD	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	1 894 80.004 R		0 STAT / \$ 24 HRS 072	HRS o OTHER	Stop @ 1st Pos. for each HA
1/20/2022	7. Sampling Areas:		o STAT 0 24 HRS 072 06 HRS 048 HRS 0 NC	RMAL	NOB->TEM. Email results to:
	Interior, Exterior				pavel.mashenko@oneatlas.com

BULK SAMPLE LOCATION

sula ja	WAARD IN THE PARTY	LOCATION				Part of the second seco	
	10.0 A A	12.		14.	Control Location		16.
Homogenous		Material	Thermal		Sample Location	Material Total Qty.	Asbestos Content
Area No.	Sample ID	(A	System, TSI,	Floor	Sample Coordinates	(LF, SF,	(Type & %)
	No.		Misc.	FIOOF	Sample Coordinates	PCS)	(Type & 70)
9	ia		Ince	2	R	1 l'e	
1	19	Ceramic wall tile growt	misc	0	BATHROOM	lio se	
V	20		1	1	1		
10	21	thinset				11058	
V	22						
11	33	Cevenie floor file grout				GOSP	
J	24						
12	26	Mortar				6058	
J	26						
13	77	12x12' Brain self-adheorive			Living Room	600 SP	
Į	28		•		U I		
14	29					600 SF	
1	30	Muy 1 Ploor tile-Layer 7	-				
15	31	Window gloce		Base	nut Basemellit-East-one window	254	
l	33	V		\$	V		
(6	33	Brick MorAAR		osf	East Elevation		
l	'34			1	WEST		
17	35	Extensor Window Could		1	North	8 5¥	
V	36	A A A A A A A A A A A A A A A A A A A		1			

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submitta	
I. David Glassmann	hepon	1900	E Dela En	1/27/202	12500	Field Walk In	_
	1/29+	10	0	11011000	2 /2:02pm	US Mail	
II. //						Fed-Ex	
III.						Other	

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By: takkneer (Ance An	12Anz	8:00	
24b. Analyzed By: MELWARD	11/23/12	ich	
24c. QC By: 0 1 1	1	1	
En & Alegethere Office (21/27 /	Sid	
	31100		

Page <u>3</u> of <u>3</u>

			AC	
13	and the second second	1	-	No. of Concession, Name
11				-

BUI K SAMPLE DATA AND CHAIN OF CUSTODY FORM

		773	P	RO	JE(CT I	NFORMA	TION	BATCH #	22-	
1. Client:			2. Project Name:					3a. Atlas Project No .:		ect Manager:	
		Pre-Construction AC	M SL	irvey	1		Z214NH0004	P. Masl			
2a. Project Addres		2a. Project Address:	11120-1	245117			3b. Task No.:	4b. Inspe			
			746 Prospect Avenue					0001		Glassmann	
5. Date:	6	. Homeowner Name:		10001121/02		ound				nent s (Field)	
1/26/2022		-2		0 5	TAT	Q2	4 HRS o 72	HRS o OTHER		1 st Pos. fo	
		'. Sampling Areas:		06	HRS	o 48	BHRS oNO	RMAL		TEM. Email	
		nterior, Exterior							pavel.m	ashenko@o	neatlas.com
BULK SA	AMPLE	E LOCATION									
		12.		13.		14.		0		15. Material Total	16. Asbestos
Homogenous	Bulk		Material		ermal stem,			Sample Location		Qty.	Content
Area No.	Sample ID No.				SI,	Floor		Sample Coordinates		(LF, SF,	(Type & %)
			51 		isc.					PCS)	18 18 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
18	37	Extenser	Indowcant	W	sc	2	South	Elevation		20 s#	
, l	38	J			Ì	V	West	Ţ			
		A C	Acquett	-	1	0.	,	10			
19	39	Roof Meml	Wane Alayer 1			Rot	Lower	Root		150 SF	
	40	Ý	V			1	1				
20	41		tarpaper-	2				- 			
1	42		1 the second								
21	43	Roof Plas	shing					1.		65 st	
1	44		0	1	1	1	V	2			
020		1									
		8									
		1 at									
						-					
		2		-		-					· · · · · · · · · · · · · · · · · · ·

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submittal
I. David Glassmann	-1/26/20m	1800	F. Veler Ery	1/27/2022	12:02 pm	Field Walk In
	11	1.	0		/	US Mail
II. /						Fed-Ex
111.						Other

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By: TAILMUCH Am	INTIN	8:-00	
24b. Analyzed By: MZ (North -	1/23/02	- ((wh	
24c. QC By:	1		
- Su a the Augo the 1/31	127	13:00	
A the for the for the the for	100		

-ATEAS
ATC

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010

ATC							, NY 1001 3599 or 83				Accreditations: NVLAP 101187-0 ELAP 10879
	Client / Project TOWN O		BULK A	SBESTC	S ANAL	YSIS SH	IEET		Number Z214N	140004	<u>Microscopes:</u> OLYMPUS BH-2 / NIKON OPTIPHOT
	Analysis Date 1/2//2								Number 22141	138	
1 1 Field Number	Stereoscopic Exam			PLM O	ptical Pr	operties	\$		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color Call Texture	Morph Extinction) RI1	RII D	S Color Colo	r, Pleo Bi	ref Sign Oti	her Identity	Chrysotile	Celluiose	Mineral Filler
Required 🗆	Homogeneity								Amosite	Fiberglass	Organic Binders
Recommended 🗆				······································	·····				Other	Other	
See gravimetric	# of Layers Asbestos								(Other
for results	Color of Layer Detected Yes N	lo			<u> </u>			·····		Cellulose Ondulose	
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.	🗆 Fiberglass Isotopic	
Required	PLM OKC	\rightarrow					0 A	00	0	Synthetic High Birefringence	* If vermiculite is >10% the level of asbestos in a sample
See SM-V	NOB PLM									☐ Horse Hair: Scales, Low to Moderate	might be underestimated. See Note #1.
analysis sheet for results	Comments:			1			L		****	Birefringence	566 Hole #1.
	Method: 🛛 ELAP 🛛 EPA		ION		Q.	c. 🗆					
2 2	Stereoscopic Exam			PLM O	ptical Pr	operties	3	1	Asbestos	Other Fibrous	Non Fibrous
Field Number	Γ	Morph Extinction	R R I L		S Color Cold	-		her Identity	Results PLM %	PLM %	PLM %
Gravimetric	Color Offer Jexture								Chrysotile	Cellulose	Mineral Filler
Required C	Homogeneity/ Vermiculite ~								Amosite Other	Fiberglass Other	Organic Binders
See gravimetric	# of Layers Asbestos								Omer	Other	Vermiculte Other
analysis sheet for results	Color of Layer Detected Yes N	lo							•	🗇 Cellulose Ondutose	
	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.	Extinction	
SM-V	PIM 2/10				onde /	01100 0		w	\mathcal{V}	🛛 Synthetic High	* If vermiculite is >10% the
Required 🗋)	1				0	<i>w</i>		Birefringence	level of asbestos in a sample might be underestimated.
See SM-V	NOB PLM Comments:		<u> </u>		<u> </u>					Low to Moderate Birefringence	See Note #1.
for results	Comments.	<i>t</i> :									
	Method: D'ELAP DEPA	Crécanning opt	ION		IQ.	C. L.I					
	Method: 🛛 EPA					C. 🗆			Ashastas	Other Eibroug	Non Eibrouc
3 3 Field Number	Method: 🖬 EPA 🗆 EPA				ptical P	operties			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous
3 3		Morph Extinction				operties		her identity			/ PLM %
3 3 Field Number	Stereoscopic Exam				ptical P	operties		her identity	Results PLM %	PLM %	
3 3 Field Number Gravimetric	Stereoscopic Exam				ptical P	operties		her identity	Results PLM %	PLM %	PLM %
3 3 Field Number Gravimetric Required [] Recommended [] See gravimetric []	Stereoscopic Exam				ptical P	operties		her identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass	PLM % (OO) Mineral Filler Organic Binders
3 3 Field Number Gravimetric Required Recommended	Stereoscopic Exam	Morph Extinction			ptical P	operties		her identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass	PLM % Mineral Filler Organic Binders Vermiculite*
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Stereoscopic Exam Color Lat Later Vermiculite # of Layers Asbestos	Morph Extinction			ptical P	operties		her identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Fiberglass Fiberglass Isotopic	PLM % Mineral Filler Organic Binders Vermiculite*
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results	Stereoscopic Exam Color Latentiation Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLANCE	Morph Extinction	RI1		ptical Pi	opertie:	ref Sign Ol		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Collulose Cellulose Colluctore Extinction	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V	Stereoscopic Exam Color	Morph Extinction	RI1		ptical Pi	opertie:	ref Sign Ol		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Organic Binders organic Binders if vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	Stereoscopic Exam Color	Morph Extinction	RI1		ptical Pi	opertie:	ref Sign Ol		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Other 	PLM % Mineral Filler Organic Binders Vermiculite* Other
3 3 Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V SM-V Required See SM-V See SM-V	Stereoscopic Exam Color	Morph Extinction	RIA		S Color Colo	opertie:	ref Sign Ol		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Organic Binders organic Binders if vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 3 Field Number Gravimetric Required Image: State of the stat	Stereoscopic Exam Color	Morph Extinction	RIA	Ri D:	S Color Colo	Slide 8	ref Sign Ol		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Other Callulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Organic Binders Other Other other other if vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous
3 3 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V Required [] analysis sheet for results Sheet for results Field Number A	Stereoscopic Exam Color	Morph Extinction	RI1 Slide 5 Slide 5	Ri II Da	S Color Colo	copertie:	ref Sign OI		Results PLM % Chrysoille Arnosite Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Organic Binders Other Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
3 3 Field Number Gravimetric Recommended D See gravimetric analysis sheet for results SM-V Required D See SM-V analysis sheet for results for results	Stereoscopic Exam Color	Morph Extinction	RI1 Slide 5 Slide 5	Ri II Da	S Color Cold S Cold Cold S Color Cold S Cold Cold S Cold Cold S Cold Cold S Cold Cold Cold S Cold Cold Cold Cold Cold S Cold Cold Cold Cold Cold Cold Cold Cold	copertie:	ref Sign OI	Total PT	Results PLM % Chrysoille Amosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysoille	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Other Content Set Set Set Set Set Set Set Set Set Se
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results See SM-V analysis sheet for results Gravimetric Gravimetric Gravimetric Required	Stereoscopic Exam Color	Morph Extinction	RI1 Slide 5 Slide 5	Ri II Da	S Color Cold S Cold Cold S Color Cold S Cold Cold S Cold Cold S Cold Cold S Cold Cold Cold S Cold Cold Cold Cold Cold S Cold Cold Cold Cold Cold Cold Cold Cold	copertie:	ref Sign OI	Total PT	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % <u>^6</u> <u>C</u> Mineral Filter Organic Binders
3 3 Field Number Gravimetric Required Image: State of the stat	Stereoscopic Exam Color Later Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Stereoscopic Exam Coldracture	Morph Extinction	RI1 Silde 5 ION	Ri II Da	S Color Cold S Cold Cold S Color Cold S Cold Cold S Cold Cold S Cold Cold S Cold Cold Cold S Cold Cold Cold Cold Cold S Cold Cold Cold Cold Cold Cold Cold Cold	copertie:	ref Sign OI	Total PT	Results PLM % Chrysoille Amosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysoille	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Organic Binders Organic Binders Other Other Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Vermiculite*
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results for results Gravimetric Required Back of the second	Stereoscopic Exam Color	Morph Extinction	RI1 Silde 5 ION	Ri II Da	S Color Cold S Cold Cold S Color Cold S Cold Cold S Cold Cold S Cold Cold S Cold Cold Cold S Cold Cold Cold Cold Cold S Cold Cold Cold Cold Cold Cold Cold Cold	copertie:	ref Sign OI	Total PT	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % <u>^6</u> <u>C</u> Mineral Filter Organic Binders
3 3 Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V See SM-V Required analysis sheet for results See SM-V Gravimetric Gravimetric See SM-V See SM-V See SM-V Gravimetric Gravimetric See SM-V See SM-V See SM-V See SM-V See SM-V See gravimetric See Gravimetric Gravimetric See gravimetric See gravimetric See gravimetric	Stereoscopic Exam Color Layers Asbestos Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Detected NOB PLM Detected Comments: Method: Method: ZELAP Stereoscopic Exam Cold Conduct Counts Yermiculite Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes	Morph Extinction	Rl1 Slide 5 ION	Ri D:	ptical PI S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo	opertie:	ref Sign OI	her Identity	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	PLM % Organic Binders Organic Binders Other Other Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Vermiculite*
3 3 Field Number Gravimetric Recommended D See gravimetric analysis sheet for results SM-V Required D See SM-V analysis sheet for results See SM-V analysis sheet for results Gravimetric Gravimetric Beeld Number Gravimetric Gravimetric Required Recommended See gravimetric See gravimetric analysis sheet for results SM-V	Stereoscopic Exam Color I Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM Slide 1 Stereoscopic Exam Coldr LLUE Texture Homogeneity Vermiculite Yethod: Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Silde 1 Slide 2	Morph Extinction	RI1 Silde 5 ION	Ri II Da	S Color Cold S Cold Cold S Cold Cold S Cold Cold S Cold Cold S Cold Cold Cold S Cold Cold S Cold Cold Cold S Cold Cold S Cold Cold Cold Cold Cold Cold Cold Cold	copertie:	ref Sign Ol	her Identity	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Synthetic High Cellulose Fiberglass Other Synthetic High Synthetic High Synthetic High Synthetic High Cellulose Synthetic High Cellulose Synthetic High Cellulose Synthetic High Synthetic High Synthetic High Synthetic High Synthetic High Synthetic High Cellulose Synthetic High Cellulose Synthetic High Synthetic Hig	PLM % Organic Binders Organic Binders Other Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Vermiculite* Organic Binders Vermiculite* Other
3 3 Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V See SM-V Required analysis sheet for results See SM-V Gravimetric Gravimetric See SM-V See SM-V See SM-V Gravimetric Gravimetric See SM-V See SM-V See SM-V See SM-V See SM-V See gravimetric See Gravimetric Gravimetric See gravimetric See gravimetric See gravimetric	Stereoscopic Exam Color	Morph Extinction	Rl1 Slide 5 ION	Ri D:	ptical PI S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo	opertie:	ref Sign OI	her Identity	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Other Fiberglass Low to Moderate Birefringence Other Fiberglass PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Fiberglass Fibe	
3 3 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Gravimetric Required [] See SM-V [] analysis sheet for results Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] See SM-V []	Stereoscopic Exam Color 1 are free free free free free free free	Morph Extinction	Rl1 Slide 5 ION	Ri D:	ptical PI S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo	opertie:	ref Sign Ol	ther Identify	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Synthetic High Birefringence	
3 3 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results for results Gravimetric Required [] See SM-V [] analysis sheet for results for results Gravimetric Required [] See gravimetric [] analysis sheet for results SM-V Required [] See gravimetric [] analysis sheet for results SM-V Required [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color 1 20 Texture	Morph Extinction Norph Extinction No Silde 3 Silde 4	RI1 Slide 5 ION RI1 Slide 5 ION Slide 5	Ri D:	ptical Pi S Color Colo S Color Colo	opertie: or, Pleo Bi Slide 8 C. or, Pleo Bi copertie: or, Pleo Bi copertie: co	ref Sign Ol	ther Identify	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Other Fiborglass Low to Moderate Cellulose Fiberglass Other Cellulose Fiberglass Other Cellulose Fiberglass Cellulose Fiberglass Low to Moderate	PLM % Organic Binders Organic Binders Other Other Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Organic Binders Organic Binders Organic Binders Organic Binders Other Other Other
3 3 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Gravimetric Required [] See SM-V Gravimetric [] analysis sheet for results See gravimetric [] analysis sheet for results SM-V Required [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V analysis sheet for results SM-V Methods: Methods:	Stereoscopic Exam Color I Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM Image: Slide 1 NOB PLM Image: Slide 2 Comments: Image: Slide 1 Method: Image: Slide 1 Stereoscopic Exam Image: Slide 1 Cold Image: Slide 1 Homogeneily Vermiculite # of Layers Asbestos Image: Slide 1 Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLM Image: Slide 1 Slide 2 <td>Morph Extinction No Silde 3 Slide 4 Silde 3 Slide 4</td> <td>RI 1 Slide 5 ION Slide 5 ION</td> <td>Ri D: Silde 6</td> <td>ptical Pi S Color Colo S Color Colo S Silide 7 Q. S Color Colo S Color Col</td> <td>sopertie:</td> <td>ref Sign OI</td> <td>Total PT</td> <td>Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other</td> <td>PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Other Fiborous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Cellulose Fiberglass Cother Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Cellulose Cotherate Coth</td> <td>PLM % Organic Binders Organic Binders Organic Binders Other Vermiculite* Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Organic Binders Organic Binders Organic Binders Other Vermiculite* Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.</td>	Morph Extinction No Silde 3 Slide 4	RI 1 Slide 5 ION Slide 5 ION	Ri D: Silde 6	ptical Pi S Color Colo S Color Colo S Silide 7 Q. S Color Colo S Color Col	sopertie:	ref Sign OI	Total PT	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Other Fiborous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Cellulose Fiberglass Cother Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Cellulose Cotherate Coth	PLM % Organic Binders Organic Binders Organic Binders Other Vermiculite* Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Organic Binders Organic Binders Organic Binders Other Vermiculite* Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

Note #2: ELAP requires method ups not remove verificating material containing verificating of asbestos present in a sample containing greater man 10% verificating. Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing verificatile (SM-V) and it utilizes a 400 point count method. L:LAB_FORMS,DOCUMENTS AND RECORDS\OPTICAL\ASBESTOS_BULK\ASBESTOS_BULK FORMS 2022BULK ASBESTOS ANALYSIS SHEET_FORM #82.doc Page _____ of ______ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #82.

 ΥŁ	ŵ	5-	
A1	C		

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010

ATC		104 East Phone: (212				, NY 1001 3599 or 8:				<u>Accreditations:</u> NVLAP 101187-0 ELAP 10879
			ASBESTO							Microscopes: OLYMPUS BH-2/
	Client / Project TOWN O						Project	Number Z214	IH0004	NIKON OPTIPHOT
	Analysis Date 1/7, 1/2		F						128	
1 5	Stereoscopic Exam	1	PI M OI	ptical Pr	onerties			Asbestos	Other Fibrous	Non Fibrous
Field Number		Morph Extinction RI1		Color Colo	•		her Identity	Results PLM %	PLM %	PLM %
Gravimetric	Color Color Texture							Chrysotile	Cellulose	
Recommended	Homogeneity Vermiculite			<u></u>				Amosite Other	Fiberglass Other	Organic Binders
See gravimetric 🛛	# of Layers Asbestos	-			·					Other
analysis sheet for results	Color of Layer Detected Yes N	o						\	Cellulose Ondulose Extinction	
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.	Extinction	
Required 🗍	PLM A/DO					0	60	U	Synthetic High Birefringence	* If vermiculite is >10% the
See SM-V	NOB PLM								Horse Hair: Scales, Low to Moderate	level of asbestos in a sample might be underestimated.
analysis sheet for results	Comments:					L	L	1991/95/9412-00-9412-00-9412-00-9412-00-941-9412-00-941-9412-00-9412-00-9412-00-9412-00-9412-00-9412-00-9412-0	Birefringence	See Note #1.
	Method: ZELAP DEPA			Q.(C. 🗆					
² 6	Stereoscopic Exam		PLM Op	ptical Pr	operties	\$	1	Asbestos	Other Fibrous	Non Fibrous
Field Number Gravimetric	Color 1. L. K. Texture	Morph Extinction R11	RII DS	Color Colo	r, Pleo Bi	ref Sign Ol	her Identity	Results PLM %	PLM %	
Required D				······	······			Chrysotile Amosite	Cellulose	Mineral Filler Organic Binders
Recommended 🗔	Homogeneity Vermiculite	1			·			Other	Other	
See gravimetric 🖾	# of Layers Asbestos							1		Other
analysis sheet for results	Color of Layer Detected Yes N	lo							Cellulose Ondulose	
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,	🗆 Fiberglass Isotopic	
Required 🗍	PLM O/U					\square	200	\cup	 Synthetic High Birefringence 	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🗀	NOB PLM								 Horse Hair: Scales, Low to Moderate 	might be underestimated. See Note #1.
analysis sheet for results	Comments:								Birefringence	
1										
L	Method: []ELAP 🗌 EPA	SCANNING OPTION		Q.(. D					
3 7 Field Number	Method: _LELAP		PLM O	Q.(5		Asbestos Results PLM %	Other Fibrous PLM %	/ Non Fibrous / PLM %
3 7	·····	SCANNING OPTION			operties		her Identity			/ PLM %
3 7 Field Number	Stereoscopic Exam			otical Pr	operties		her Identity	Results PLM %	PLM %	
3 7 Field Number Gravimetric Required [] Recommended []	Stereoscopic Exam Color <u>Lu (</u> Genure <u></u> Homogeneity Vermiculite			otical Pr	operties		her identity	Results PLM %	PLM %	PLM %
3 7 Field Number Gravimetric Required []	Stereoscopic Exam Color Let Fexture Color Homogeneity Vermiculite - # of Layers Asbestos -	Morph Extinction RI		otical Pr	operties		her identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other	PLM %
3 7 Field Number Gravimetric Required D Recommended D See gravimetric D	Stereoscopic Exam Color <u>U</u> (<u>L</u> (EXture <u></u> Homogeneity <u></u> Vermiculite <u></u> # of Layers <u></u> Asbestos <u></u> Color of Layer <u>Detected</u> Yes N	Morph Extinction R11		otical Pr	operties r, Pleo Bin		her identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Onduiose Extinction	PLM % Organic Binders Organic Binders Vermiculite*
3 7 Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Stereoscopic Exam Color Lut Lexture Homogeneity Vermiculite - # of Layers Asbestos - Color of Layer Detected Yes Point Counts Slide 1 Slide 2	Morph Extinction RI		otical Pr	operties			Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Onduiose Extinction Fiberglass Isotopic	PLM % Organic Binders Organic Binders Vermiculite*
3 7 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color <u>Lu (Lt (Texture</u> <u>C</u> Homogeneily <u>Vermiculite</u> <u>4</u> # of Layers <u>Asbestos</u> Color of Layer <u>Detected</u> Yes N Point Counts <u>Slide 1</u> <u>Slide 2</u> PLM <u>O P</u> <u></u>	Morph Extinction R11			operties r, Pleo Bin	ref Sign Oti		Results PLM %	PLM % Cellulose Fiberglass Cellulose Other Cellulose Other Stinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Organic Binders Organic Binders Vermiculite* Other
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V []	Stereoscopic Exam Color Lu (L) (Texture Homogeneily Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM Image: Color of Layer NOB PLM Image: Color of Layer	Morph Extinction R11			operties r, Pleo Bin	ref Sign Oti		Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefningence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Organic Binders Vermiculite* Other
3 7 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required []	Stereoscopic Exam Color Lawer Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLM PLM NOB PLM Comments:	Morph Extinction RI 1		Slide 7	operties r, Pleo Bi	ref Sign Oti		Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color Wayers Homogeneily Vermiculite # of Layers Asbestos Color of Layers Detected Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM Comments: Method: ELAP EPA	Morph Extinction R11	Ri DS	Slide 7	operties (, Pleo Bin Slide 8 C.	Asb./Ver. PT		Results PLM % Chrysolile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Onduiose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Organic Binders Organic Binders Vermiculite* Other Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color Lawer Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLM PLM NOB PLM Comments:	Morph Extinction RI 1	RI DS 5 Slide 6 1 1 2 1	Slide 7	operties	ef Sign Ot	Total PT	Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefningence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color Wayers Homogeneily Vermiculite # of Layers Asbestos Color of Layers Detected Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM Comments: Method: ELAP EPA	Morph Extinction RI 1	RI DS 5 Slide 6 1 1 2 1	Slide 7	operties	ef Sign Ot		Arnosite Chrysotile Arnosite Other KAsb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Other Synthetic High Birefningence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous	PLM % Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous
3 7 Field Number Gravimetric Required Recommended See gravimetric analysis sheel for results SM-V Required See SM-V analysis sheet for results 4 8 Field Number Gravimetric Required	Stereoscopic Exam Color Let	Morph Extinction RI 1	RI DS 5 Slide 6 1 1 2 1	Slide 7	operties	ef Sign Ot	Total PT	Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % CTMIneral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 8 Field Number Gravimetric Required [] Recommended]	Stereoscopic Exam Color <u>in (in (in (in (in (in (in (in (in (in (</u>	Morph Extinction RI 1	RI DS 5 Slide 6 1 1 2 1	Slide 7	operties	ef Sign Ot	Total PT	Results PLM %	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite*
3 7 Field Number Gravimetric Required I Recommended I See gravimetric I analysis sheet for results See SM-V Required analysis sheet for results 4 8 Field Number Gravimetric Required I See gravimetric Required See gravimetric Required See gravimetric Required See gravimetric See gravimetric Gravimetric See gravimetric Recommended I See gravimetric I See gravimetric I Recommended I See gravimetric I Analysis sheet I	Stereoscopic Exam Color Layers Homogeneily Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM Comments: Method: EELAP Stereoscopic Exam Color Duite State Homogeneity Vermiculite # of Layers Asbestos	Morph Extinction RI 1	RI DS 5 Slide 6 1 1 2 1	Slide 7	operties	ef Sign Ot	Total PT	Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondutose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	PLM % O'Zmineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % O'Chineral Filler Organic Binders
3 7 Field Number Gravimetric Required Image: See gravimetric analysis sheet for results SM-V Required See SM-V Image: Sheet analysis sheet for results for results Sheet Gravimetric Image: Sheet Gravimetric Required Required Image: Sheet Gravimetric Required Recommended Image: Sheet See gravimetric Image: Sheet analysis sheet for results	Stereoscopic Exam Color in the	Morph Extinction R1 1	Rill DS 5 Slide 6 9 1 7 Slide 6 8 1 9 1 9 1	Slide 7 Q.C	operties	ef Sign Ot	her Identity	Results PLM % Chrysolile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysolile Arnosite Other Other	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Horse Hair Scales, Low to Moderate Birefringence Other Fiborous PLM % Cellulose Fiberglass Other Cellulose Cother Cellulose	PLM % Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite*
3 7 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color in Layers Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM EPA Comments: Method: ETELAP EPA Stereoscopic Exam Color Difference Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No No	Morph Extinction RI 1	Rill DS 5 Slide 6 9 1 7 Slide 6 8 1 9 1 9 1	Slide 7	operties	ef Sign Ot	her Identify	Results PLM % Chrysotile Arnosite Other KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Arnosite Other KASb. Or %Ver.	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	PLM % Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite* Other
3 7 Field Number Gravimetric Required I Recommended I See gravimetric I analysis sheet for results I SM-V Required analysis sheet for results I 4 8 Field Number Gravimetric Required I See gravimetric I See gravimetric I Sanalysis sheet for results SM-V SM-V Required SM-V Required	Stereoscopic Exam Color i Layers	Morph Extinction R1 1	Rill DS 5 Slide 6 9 1 7 Slide 6 8 1 9 1 9 1	Slide 7 Q.C	operties	ef Sign Ot	her Identity	Results PLM % Chrysolile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysolile Arnosite Other Other	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Other Fibrous PLM % Cellulose Cellulose Cellulose Cellulose Giter Fiberglass Other Fiberglass Cellulose Fiberglass Other Horse Hair: Scales,	
3 7 Field Number Gravimetric Required □ Recommended □ See gravimetric □ analysis sheet for results SM-V Required □ See SM-V □ analysis sheet for results 4 8 Field Number Gravimetric Required □ Required □ Recommended □ See gravimetric □ analysis sheet for results	Stereoscopic Exam Color Layers	Morph Extinction R1 1	Rill DS 5 Slide 6 9 1 7 Slide 6 8 1 9 1 9 1	Slide 7 Q.C	operties	ef Sign Ot	her Identify	Results PLM % Chrysotile Arnosite Other KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Arnosite Other KASb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Fiberglass Other Statistiction Fiberglass Statistiction Fiberglass Statistiction Fiberglass Statistic Synthetic High Birefringence Synthetic High Synthetic Hig	
3 7 Field Number Gravimetric Required I Recommended I See gravimetric I analysis sheel for results SM-V Required I See SM-V I analysis sheet for results I 4 8 Field Number Gravimetric Required I See gravimetric I See gravimetric I Sheat for results SM-V SM-V Required See gravimetric I Sheat for results SM-V See gravimetric I Sheat for results SM-V See gravimetric I Sheat for results SM-V See SM-V I See SM-V I	Stereoscopic Exam Color Layers Homogeneily Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM EPA Comments: Method: ETELAP EPA Stereoscopic Exam Color DWM Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 1 Slide 2 PLM NOB PLM NOB PLM NOB PLM	Morph Extinction R1 1	Rill DS 5 Slide 6 9 1 7 Slide 6 8 1 9 1 9 1	Slide 7	operties	ef Sign Ot	her Identify	Results PLM % Chrysotile Arnosite Other KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Arnosite Other KASb. Or %Ver.	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Other Fibrous PLM % Cellulose Cellulose Cellulose Fiberglass Other Fiberglass Other Fiberglass Other Sintetic High Cellulose Fiberglass Cellulose Cellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % OffMineral Filler Organic Binders Vermiculite* Oil her 'If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 7 Field Number Gravimetric Required I Recommended I See gravimetric I analysis sheet for results SM-V Required analysis sheet for results for results SM-V analysis sheet for results Gravimetric Required Recommended I See gravimetric analysis sheet for results SM-V Required I See gravimetric analysis sheet for results SM-V Required I See SM-V Required See SM-V I analysis sheet for results for results Sheet for results Methods:	Stereoscopic Exam Color Layers Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM EPA Stereoscopic Exam Color Detected Yes N NOB PLM EPA Stereoscopic Exam Color Detected Yes N Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM W NOB PLM W NOB PLM Slide 1 NOB PLM Slide 2 PLM W NOB PLM EPA	Morph Extinction RI 1	Riji DS 5 Slide 6 9 9 8 1 5 Slide 6 9 1 5 Slide 6 5 Slide 6 6 1 7 Slide 6 8 1 9 1 9 1 10 1	Slide 7	operties c, Pleo Bi c,	ef Sign Ott	her Identity	Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Other %Asb. Or %Ver. Other %Asb. Or %Ver. Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Other Fibrous PLM % Cellulose Cellulose Cellulose Fiberglass Other Fiberglass Other Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % O'Quineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Organic Binders Vermiculite* Oil ter Oil ter 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

of verriculite. This method does not remove verriculite and may underestimate the level of asbestos present in a sample containing greater than 10% verriculite. Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing verriculite (SM-V) and it utilizes a 400 point count method. L:LAB_FORMS,DOCUMENTS AND RECORDS/OPTICALASBESTOS_BULKASBESTOS BULK FORMS 2022 REVISION #34 BY MEI WANG FORM #82.400 Page _____ of _____

ATEAS.	
ATC	

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010 Phone: (212) 353-8280, Eax: (212) 353-3599 or 8300 -- 2200

ATC			East 25 th Street (212) 353-828							Accreditations: NVLAP 101187-0 ELAP 10879
	TOWNO									Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT
	Client / Project TOWN O		IPSTEAD/ 74	16 PROS	PECTA	AVE		Number Z214N		
·	Analysis Date <u>1/24</u> 2	UZZ Analyst	<u> </u>				Batch I	Number 22-	<u>138</u>	
1 9 Field Number	Stereoscopic Exam			Optical Pr	•			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous
Gravimetric	color Bhurtelture Co	Morph Extinction	RIL RII D	S Color Colo	vr, Płeo Bi 	ref Sign Ol	her Identity	C Chrysotile	Celluiose	
Required 🛛	Homogeneity			·····				Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos							Other	Other	Vermiculite*
See gravimetric 🗍 analysis sheet	Color of Layer Detected Yes No								🛛 Cellulose Onduiose	Other
for results									Extinction	
SM-V		Slide 3 Slide 4	Slide 5 Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Synthetic High	• If vermiculite is >10% the
Required 🗌							u	U	Birefringence	level of asbestos in a sample might be underestimated.
See SM-V	Comments:			1					Low to Moderate Birefringence	See Nole #1.
for results			V	Q.(c. 🗆					
2 10				1				Asbestos	Other Fibrous	Non Fibrous
Field Namber	Stereoscopic Exam	Morph Extinction		Optical Pr	•		her Identity	Results PLM %	PLM %	PLM %
Gravimetric	Color Bhow Texture							Chrysotile	Cellulose	
Required	Homogeneity Vermiculite	1						Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos	1====		······				Other	Other	Vermiculite* Other
analysis sheet for results	Color of Layer Detected Yes No	o							🗔 Cellulose Ondulose	Onler
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.	Extinction	
	DIM J.A					0	100	0	🖸 Synthetic High	* If vermiculite is >10% the
Required See SM-V	NOB PLM							<u> </u>	Birefringence	level of asbestos in a sample might be underestimated.
analysis sheet	Comments: /			1		l	<u> </u>		Low to Moderate Birefringence	See Note #1.
for results	Method: ZELAP 🗆 EPA 🜙	SCANNING OPTION	N	Q.0	S. 🗆					
3 11		SCANNING OPTION						Asbestos	Other Fibrous	Non Fibrous
3 11 Field Number	Stereoscopic Exam	SCANNING OPTION	PLM C	Q.0 Optical Pr	operties		her Identity	Results PLM %	PLM %	PLM %
3 11 Field Number Gravimetric	Stereoscopic Exam		PLM C	ptical Pr	operties		her Identity	Results PLM %	PLM %	PLM %
3 11 Field Number	Stereoscopic Exam		PLM C	ptical Pr	operties		her Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
3 11 Field Number Gravimetric Required	Stereoscopic Exam Color DANE Texture Homogeneity Vermiculite		PLM C	ptical Pr	operties		her Identity	Results PLM %	PLM %	PLM % Mineral Filler Organic Binders
3 11 Field Number Gravimetric Required Recommended	Stereoscopic Exam Color DANE Texture Homogeneity Vermiculite	Morph Extinction	PLM C	ptical Pr	operties		her Identity	Results PLM %	PLM % Cellulose Fiberglass Other	PLM % Mineral Filler Organic Binders Vermiculite*
3 11 Field Number Gravimetric Required Recommended See gravimetric analysis sheel	Stereoscopic Exam Color DANE Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No	Morph Extinction	PLM C	ptical Pr	operties			Results PLM %	PLM %CelluloseFiberglassOther	PLM % Mineral Filler Organic Binders Vermiculite*
3 11 Field Number Gravimetric Recommended See gravimetric analysis sheet for results SM-V	Stereoscopic Exam Color DANE Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No	Morph Extinction		Optical Pr S Color Colo 	operties	ref Sign Ott		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the
3 11 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results	Stereoscopic Exam Color (During and Colspan="2") Homogeneity Vermiculite Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yeoint Counts Slide 1 Slide 1 Slide 2	Morph Extinction		Optical Pr S Color Colo 	operties	ref Sign Ott		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Olher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Mineral Filler Organic Binders Organic Binders Other Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 11 Field Number Gravimelric Required Recommended See gravimetric analysis sheet for results SM-V Required	Stereoscopic Exam Color [] Homogeneity Vermiculite Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 PLM Slide 2	Morph Extinction		Scolor Colo	operties r, Pieo Bi	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Amosite Other	PLM %CelluloseFiberglassOther Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample
3 11 Field Number Gravimetric Required □ Recommended □ See gravimetric analysis sheet for results SM-V Required □ See SM-V □ analysis sheet	Stereoscopic Exam Color Diageneity Commentiation of Layers # of Layers Asbestos # of Layers Detected Yeont Countis Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM V	Morph Extinction	PLM C	Scolor Colo	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Colher Colher Colher Statistics Statistics Statistics Statistics Statistics Statistics Horse Hairs Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Organic Binders Other Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 11 Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results for results	Stereoscopic Exam Color Diageneity Commentiation of Layers # of Layers Asbestos # of Layers Detected Yeont Countis Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM V	Morph Extinction	PLM C RI I RI I Slide 5 Slide 6	Scolor Colo	operties r, Pieo Bi Slide 8	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Colher Colher Colher Colher Statistic High Birefringence Horse Hair Scales, Low to Moderate Birefringence Other Fibrous	PLM % Mineral Filler Organic Binders Others Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
3 11 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Stereoscopic Exam Color D. Asbestos Homogeneity Vermiculite Hof Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM PLM Stereoscopic Exam NIE	Morph Extinction	PLM C	Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysofile Other %Asb. Or %Ver. %Asbestos Results PLM %	PLM % Cellulose Fiberglass Colher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
3 11 Field Number Gravimetric Required Image: Comparison of the second seco	Stereoscopic Exam Color () Homogeneity Vermiculite Homogeneity Vermiculite Hof Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM V Comments: Method: ELAP EPA Stereoscopic Exam Color BLAC Gexture Life	Morph Extinction	PLM C	Slide 7 Q.(Color)	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Colher Colher Colher Colher Statistic High Birefringence Horse Hair Scales, Low to Moderate Birefringence Other Fibrous	PLM % Mineral Filler Organic Binders Organic Binders Organic Binders Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
3 11 Field Number Gravimetric Required □ Recommended □ See gravimetric analysis sheet for results SM-V Required □ See SM-V □ analysis sheet for results 4 12 Field Number Gravimetric	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction	PLM C	Slide 7 Q.(Color)	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Colher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Mineral Filler Organic Binders Organic Binders Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler
3 11 Field Number Gravimetric Required Image: Comparison of the second seco	Stereoscopic Exam Color () Homogeneity Vermiculite Homogeneity Vermiculite Hof Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM V Comments: Method: ELAP EPA Stereoscopic Exam Color BLAC Gexture Life	Morph Extinction	PLM C	Slide 7 Q.(Color)	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Colher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scates, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM %
3 11 Field Number Gravimetric Required Image: Strength of the strengend of the strengend of the strength of th	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction	PLM C	Slide 7 Q.(Color)	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Colher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scates, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite*
3 11 Field Number Gravimetric Required Image: Comparison of the co	Stereoscopic Exam Color (D_A) (L Texture	Morph Extinction	PLM C	Slide 7 Q.(Color)	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Colher Colher Colher Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Colher Fiberglass Colher Fiberglass Colher Fiberglass Colher Fiberglass Fi	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite*
3 11 Field Number Gravimetric Required Image: Strength of the strengt of the strengt of the st	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction	PLM C RI I RI II C Slide 5 Slide 6 N PLM C RI I RI II C	Pptical Pr S Color Colo Slide 7 Q.0 Dptical Pr S Color Colo	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. KASbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Olher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cellulose Cellulose Fiberglass Cellulose Fiberglass Cellulose Synthetic High Birefringence Synthetic High Cellulose Fiberglass Isotopic Fiberglass Sotopic Synthetic High Birefringence Synthetic High Firefringence Synthetic High Cellulose Fiberglass Cellulose Fiberglass Fibergla	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite*
3 11 Field Number Gravimetric Required Image: Second state of the second state of	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction	PLM C RI I RI II C Slide 5 Slide 6 N PLM C RI I RI II C	Pptical Pr S Color Colo Slide 7 Q.0 Dptical Pr S Color Colo	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. KASbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Colher Cellulose Other Synthetic High Birefringence Other Fiberglass Cother Fiberglass Cellulose Fiberglass Cellulose Cellulose Cellulose Fiberglass Cother Cellulose Cel	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the
3 11 Field Number Gravimetric Required Image: Constraint of the second seco	Stereoscopic Exam Color DALL Texture	Morph Extinction	PLM C RI I RI II C Slide 5 Slide 6 N PLM C RI I RI II C Slide 5 Slide 6 Slide 6	Poptical Pr S Color Colc Slide 7 Q.0 Poptical Pr S Color Colc Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. KASbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Other Fibrous PLM % Cellulose Cellulose Cellulose Fiberglass Other Fibrous Fiberglass Other Fiberglass Horse Cellulose Fiberglass Cellulose Fiberglass Horse Cellulose Fiberglass Cellulose Cellulose Fiberglass Fiberglass Fiberglass Cellulose Fiberglass Fibergl	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 11 Field Number Gravimetric Required Image: Comparison of the section	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction	PLM C RI I RI II Slide 5 Slide 6 N RI I RI I RI II RI I RI II Slide 5 Slide 6	Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Stilde 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. KASbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Colher Colher Colher Colher Strefningence Other Fibrous PLM % Cellulose Fiberglass Colher Cellulose Fiberglass Colher Cellulose Fiberglass Colher Cellulose Fiberglass Colher Cellulose	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

.

Note #2: ELAP requires method does not remove vemiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite." Note #2: ELAP requires method d98 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count.method, L:\LAB_FORMS,DOCUMENTS AND RECORDS\OPTICAL\ASBESTOS_BULK\ASBESTOS BULK FORMS 2022/BULK ASBESTOS ANALYSIS SHEET_FORM #B2.doc Page _____ of _____ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #B2

-ATEAS
ATC

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010 Phone: (212) 353-8280, Fax: (212) 353-3599 or 830 8206

Accreditations: NVLAP 101187-0

						3599 of 8.	000			ELAP 10879
		B	BULK ASBES	STOS ANAL	LYSIS SH	EET				Microscopes: OLYMPUS BH-2/
	Client / Project TOWN OF	E NORTH HEN	/PSTFAD/	746 PRO	SPECT A	VF	Dest.	Number Z214N	140004	NIKON OPTIPHOT
	-			<u></u>	J. 20. 7.		Project			~
	Analysis Date <u>1/1/1/</u> 2	022 Analyst _		Γ			Batch N	Number 22-	<u>138</u> т	EMPERATURE °C
1 13	Stereoscopic Exam		DIS	Vi Optical P	roportion			Asbestos	Other Fibrous	Non Fibrous
Field Number	Stereoscopic Exam			•	•			Results PLM %	PLM %	PLM %
Gravimetric	color un Texture	Morph Extinction	RI RI	DS Color Co	lor, Piea Bin	ef Sign Ol	ther Identity	Chrysotile	Cellulose	
Required 🗍	1							Amosite	Fiberglass	Organic Binders
Recommended 🗆	Homogeneity Vermiculite							Other	Other	Vermiculite*
See gravimetric 🗆	# of Layers Asbestos									Other
analysis sheet	Colorad Detected Mar No.							ſ		Ouler
for results	Color of Layer Detected Yes No			<u> </u>					Cellulose Ondulose Extinction	
SM-V	Point Counts Slide 1 Slide 2 S	Slide 3 Slide 4	Slide 5 Slide	e 6 Slide 7	Slide 8	Asb./Ver, PT	Total PT	%Asb. Or %Ver.	🗆 Fiberglass Isotopic	
	PLM Nal						200	υ	🛛 Synthetic High	* If vermiculite is >10% the
Required D	0100					$_{\circ}$	100	<u> </u>	Birefringence	level of asbestos in a sample
See SM-V 🛛	NOB PLM								Low to Moderate	might be underestimated. See Note #1.
analysis sheet for results	Comments:				i delete giunei e neu su min			******	Birefringence	
ioi resulta	Method: ELAP EPA	SCANNING OPTIO)N	Q	.c. 🗆					
C	//////									II
2 14 Field Number	Stereoscopic Exam		PLN	M Optical P	roperties			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
	Color WW Texture	Morph Extinction	RI1 RI	DS Color Co	lor, Pleo Bire	ef Sign Öl	ther Identity	**********************************		hail
Gravimetric	Color WCOF Texture							Chrysotile	Cellulose	Mineral Filler
Required D	Homogeneity Vermiculite							Amosite	Fiberglass	Organic Binders
Recommended								Other	Other	Vermiculite*
See gravimetric 🛛	# of Layers Asbestos	-						1		Other
analysis sheet for results	Color of Layer Detected Yes No	,							🖸 Celiulose Ondulose	
									Extinction	
SM-V	Point Counts Slide 1 Slide 2 S	Stide 3 Slide 4	Slide 5 Slide	e 6 Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	C Fiberglass Isotopic	
Required 🗆						Ø	150	\mathcal{O}	 Synthetic High Birefringence 	* If vermiculite is >10% the
See SM-V			-						🛛 Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheet	Comments:		I						Low to Moderate Birefringence	See Note #1.
for results	Comments:									
1				7	<u>с</u> П	******				
L	Method:] ELAP	SPANNING OPTIO)N	Q.	.C. 🗌					
³ 15				I				Asbestos	Other Fibrous	Non Fibrous
3 15 Field Number	Stereoscopic Exam		PLN	VI Optical P	roperties		ther Identity	Asbestos Results PLM %	Other Fibrous PLM %	PLM %
1 10		SCANNING OPTIO		I	roperties		ther Identity			
Field Number	Stereoscopic Exam		PLN	VI Optical P	roperties		ther Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric	Stereoscopic Exam		PLN	VI Optical P	roperties		ther Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required D Recommended D	Stereoscopic Exam		PLN	VI Optical P	roperties		ther Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric Required	Stereoscopic Exam Color LULL fexture Homogeneity Vermiculite # of Layers Asbestos	Morph Extinction	PLN	VI Optical P	roperties		ther Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %Organic Binders
Field Number Gravimetric Required D Recommended D See gravimetric D	Stereoscopic Exam Color <u>LUU</u> fexture <u>6</u> Homogeneity <u>7</u> Vermiculite <u>-</u>	Morph Extinction	PLN	VI Optical P	roperties		ther Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Stereoscopic Exam Color LUL fexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No	Morph Extinction	PLN	V Optical P DS Color Col	roperties lor, Pleo Bird			Results PLM %	PLM %CelluloseFiberglassOtherCellulose Ondulose	PLM %
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V	Stereoscopic Exam Color	Morph Extinction	PLN RI1 RI	V Optical P DS Color Col	roperties lor, Pleo Bird	ef Sign Oi	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Conter Cellulose Fiberglass tsotopic Synthetic High	PLM %
Field Number Gravimetric Required D Recommended D See gravimetric D analysis sheet for results	Stereoscopic Exam Color Luttexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM	Morph Extinction	PLN RI1 RI	V Optical P DS Color Col	roperties lor, Pleo Bird	ef Sign Oi		Results PLM %	PLM %CelluloseOtherOtherOtherCellulose Ondulose ExtinctionFiberglass tsotopic	PLM % CCZ_Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V	Stereoscopic Exam Color	Morph Extinction	PLN RI1 RI	V Optical P DS Color Col	roperties lor, Pleo Bird	ef Sign Oi	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass Stotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Vermiculite* Other * If vermiculite is >10% the
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required	Stereoscopic Exam Color Luttexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM	Morph Extinction	PLN RI1 RI	A Optical P DS Color Col	Slide 8	ef Sign Oi	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass tsotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet	Stereoscopic Exam Color WWW #exture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM Comments:	Morph Extinction	PLN RII RII	A Optical P DS Color Col	roperties lor, Pleo Bird	ef Sign Oi	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass Stotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color WWW Hexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM NOB PLM NOB PLM Comments: Method: Detected PLA	Morph Extinction	PLN RII RII	V Optical P DS Color Col e 6 Silde 7	Slide 8 Slide 7	ef Sign Of	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass Fiberglass tsotopic Synthetic High Birefringence Low to Moderate Birefringence	PLM %
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color WWW #exture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM Comments:	Morph Extinction	PLN RII RII Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass Stotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results for results	Stereoscopic Exam Color WWW Hexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM NOB PLM NOB PLM Comments: Method: Detected PLA	Morph Extinction	PLN RII RII	V Optical P DS Color Col e 6 Silde 7	roperties	ef Sign Or	Total PT	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. () Asbestos Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM %
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results for results A 16 Field Number Gravimetric	Stereoscopic Exam Color WWW fexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 PLM NOB PLM Comments: Method: DELAP DEPA Stereoscopic Exam	Morph Extinction	PLN RII RII Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Cother Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 16 Field Number Gravimetric Required	Stereoscopic Exam Color WWW fexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 PLM NOB PLM Comments: Method: DELAP DEPA Stereoscopic Exam	Morph Extinction	PLN RII RII Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM %	PLM % Cellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % ACC_Mineral Filler Organic Binders
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended []	Stereoscopic Exam Color Liver Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 PLM PLM NOB PLM Slide 2 Method: ELAP Stereoscopic Exam Color Comments: Method: ELAP Extreme Logo Vermiculite Method:	Morph Extinction	PLN RII RII Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Cother Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Required [] See gravimetric []	Stereoscopic Exam Color WWW Texture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM Comments: Method: DELAP DEPA C Stereoscopic Exam Color WWW Texture	Morph Extinction	PLN RII RII Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM %	PLM % Cellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % ACC_Mineral Filler Organic Binders
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended []	Stereoscopic Exam Color Liver Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 PLM PLM NOB PLM Slide 2 Method: ELAP Stereoscopic Exam Color Comments: Method: ELAP Extreme Logo Vermiculite Method:	Morph Extinction	PLN RII RII Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass tsotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Cellulose Cellulose Cellulose Cellulose Cellulose	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CC_Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color Lull fexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layers Detected Yes No Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM PLM Comments: EPA Method: ELAP Stereoscopic Exam Color Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No	Morph Extinction	PLN RI 1 RI 1 RI 1 Slide 5 Slide S	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CC_Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet	Stereoscopic Exam Color Automatic Assestore Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM PLM Comments: Method: Method: ELAP Etereoscopic Exam Color Utermiculite Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No	Morph Extinction	PLN RII RII Slide 5 Slide	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther Identity	Results PLM %	PLM % Cellulose Fiberglass Cother Fiberglass tsotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Cother Fiberglass	PLM % Crganic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % ACCMineral Filter Organic Binders Vermiculite* Other
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color Lull fexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layers Detected Yes No Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM PLM Comments: EPA Method: ELAP Stereoscopic Exam Color Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No	Morph Extinction	PLN RI 1 RI 1 RI 1 Slide 5 Slide 5 Slide	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Conter Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Sotopic Synthetic High Birefringence	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CC_Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V	Stereoscopic Exam Color Automatic Assestore Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM PLM Comments: Method: Method: ELAP Etereoscopic Exam Color Utermiculite Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No	Morph Extinction	PLN RI 1 RI 1 RI 1 Slide 5 Slide 5 Slide	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Cother Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Cellulose Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Statement Fiberglass Cother Statement Statement Statement Cellulose Fiberglass Cother Statement Statement Statement Statement Statement Statement Cellulose Cellulose Fiberglass Cother Statement Cellulose Statement S	PLM % Crganic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CCMineral Filter Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V Required [] Required [] See SM-V Required [] See SM-V Required [] Requi	Stereoscopic Exam Color Layers Asbestos # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM EPA Comments: Method: Method: ELAP Elayers Asbestos Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 1 Slide 2 Store Stereoscopic Exam Color Vermiculite Homogeneity Vermiculite # of Layers Asbestos Point Counts Slide 1 Slide 2 PLM Mail Mail Slide 1 Slide 2 Slide 2	Morph Extinction	PLN RI 1 RI 1 RI 1 Slide 5 Slide 5 Slide	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Cother Cother Cother Synthetic High Birefningence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Fiberglass Other Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cother Horse Hair: Scales, Horse Hair: Scales, Celas,	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % ACC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V []	Stereoscopic Exam Color WWW Faxture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 PLM PLM PLM NOB PLM EPA E Stereoscopic Exam Color of Layer Method: ELAP EPA Method: ELAP EPA Method: ELAP EPA Color WWW Texture Homogeneity: Vermiculite	Morph Extinction	PLN RI1 RI1 Slide 5 Sl	Image: Optical P DS Color DS Color DS Color DS Color Color <	roperties	ef Sign Of	ther Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Cother Cellulose Synthetic High Birefringence Other Fiborgus PLM % Cellulose Fiberglass Cellulose Cellulose Cellulose Fiberglass Cellulose Cellulose Cellulose Fiberglass Cellulose	PLM % Crganic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CCMineral Filter Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results SM-V Required See SM-V analysis sheet for results Methods:	Stereoscopic Exam Color I Layers	Morph Extinction	PLN RI 1 RI Slide 5 Slide Slide 5 Slide PLN RI 1 RI Slide 5 Slide Slide 5 Slide Slide 5 Slide	M Optical P DS Color DS Color	roperties lor, Pleo Bird Slide 8	ef Sign Or		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Chrysotile Amosite Other %Asb. Or %Ver. Chrysotile	PLM % Cellulose Fiberglass Cother Cellulose Cother Cother Cother Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Cellulose Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Cellulose Cellulose Fiberglass Cother Cellulose Cellulose Fiberglass Cother Cellulose Ce	PLM % Crganic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CCMineral Filter Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.

Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

of verniculte. This method does not remove verniculte and may underestimate the level of asbestos present in a sample containing greater than 10% verniculte. Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing verniculte (SM-V) and it utilizes a 400 point count method. L:LAB_FORMS,DOCUMENTS AND RECORDS/OPTICAL/ASBESTOS_BULK/ASBESTOS BULK FORMS.2022 REVISION #34 BY MEI WANG FORM #82.doc Page _____ of _____

ATC

ATC			th Street, 8 th FL 353-8280, Fax						<u>Accreditations:</u> NVLAP 101187-0 ELAP 10879
			SBESTOS AN						Microscopes: OLYMPUS 8H-2 / NIKON OPTIPHOT
	Client / Project TOWN OF NO		AD/ 746 PR	OSPECT A	VE	Project	t Number Z214N		haton of the flor
	Analysis Date <u>1/2772022</u>	Analyst	-			Batch I	Number 22-	<u>138 </u> т	
1 17 Field Number	Stereoscopic Exam	*******	PLM Optical	Properties	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color BLAC Texture	rph Extinction RI1	RII DS Color	Color, Pleo Bi	ref Sign Oth		Chrysotile	Celluiose	<u> </u>
Required				-7-		- \$	Amosite	Fiberglass	Organic Binders
Recommended	#of Layers Asbestos						Other	Other	Vermiculite*
See gravimetric analysis sheet									Olher
for results	Color of Layer Detected Yes No							Cellulose Ondulose Extinction	
SM-V	Point Counts Slide 1 Slide 2 Slide 3	B Slide 4 Slide 5	Slide 6 Slide	7 Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Fiberglass Isotopic	
Required	PLM (//							 Synthetic High Birefringence 	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🛛	NOB PLM 421 (9 (4	- 916			L (\mathcal{V}	8%	l Horse Hair: Scales, Low to Moderate	might be underestimated, See Note #1.
analysis sheet for results	Comments:							Birefringence	
	Method: DELAP DEPA DSC	ANNING OPTION		Q.C. 🗆		****			
² 18	Stereoscopic Exam		PLM Optical	Properties	;		Asbestos Results PLM %	Other Fibrous	Non Fibrous PLM %
Field Number	Color/DUILGexture_ ((+e.Mc	rph Extinction RI1	RI DS Color	Color, Pleo Bi	ref Sign Oth	er Identity		PLM %	
Gravimetric Required 2	r 7			······			Chrysotile	Celluiose Fiberglass	Mineral Filler Organic Binders
Recommended	Homogeneity Vermiculite						Other	Other	Vermiculite*
See gravimetric 🗹	# of Layers Asbestos								Other
analysis sheet for results	Color of Layer Detected Yes No							Cellulose Ondulose	
SM-V	Point Counts Slide 1 Slide 2 Slide 3	3 Slide 4 Slide 5	Slide 6 Slide	7 Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Extinction	
Required 🛛	PLM							 Synthetic High Birefringence 	* If vermiculite is >10% the
See SM-V	NOB PLM							C Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheel	Comments:	<u></u>	<u> </u>					Low to Moderate Birefringence	See Note #1.
for results	Method: 🖗 ELAP 🗆 EPA 🔲 SC/	ANNING OPTION		Q.C. 🗆					
3 19	Stereoscopic Exam		PLM Optical	Proportion			Asbestos	Other Fibrous	Non Fibrous
Field Number		rph Extinction RI1	· · · · ·	Color, Pleo Bi		ner Identity	Results PLM %	PLM %	PLM %
Gravimetric							Chrysotile	Cellulose	
Required	Homogeneity Vermiculite			······			Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos					·····	Other	Other	Vermiculite*
See gravimetric analysis sheet	Color of Layer Detected Yes No		<u></u>				(ĺ	Other
for results			·· ·· · · · · · · · · · · · · · · · ·				1	Collulors Ondutors	1 1
SM-V				<u> </u>		================================		Cellulose Ondutose Extinction	
	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.	Extinction	
Required 🗆	PIM (()	3 Silde 4 Silde 5	Slide 6 Slide	7 Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Extinction Fiberglass Isotopic Synthetic High Birefringence	* If vermiculite is >10% the level of asbestos in a sample
Required 🗆 See SM-V 🗆	PIM (()	3 Slide 4 Slide 5	Slide 6 Slide	7 Slide 8	Asb./Ver, PT		%Asb. Or %Ver.	Extinction D Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate	
Required 🗆	PLM S(1) NOB PLM Comments:				Asb.Ner. PT		%Asb. Or %Ver.	Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
Required See SM-V analysis sheet for results	PLM S(1) NOB PLM Comments:	3 Slide 4 Slide 5		7 Slide 8	Asb./Ver, PT		U	Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Mair: Scales, Low to Moderate Birefringence	level of asbestos in a sample might be underestimated. See Note #1.
Required See SM-V analysis sheet	PLM S(1) NOB PLM Comments:			Q.C. []			%Asb. Or %Ver.	Extinction D Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate	level of asbestos in a sample might be underestimated.
Required See SM-V analysis sheet for results	PLM (() NOB PLM Comments: Method: ELAP EPA SC. Stereoscopic Exam		PLM Optical	Q.C. []	5		Asbestos	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous	level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous
Required See SM-V analysis sheet for results 4 20 Field Number	PLM NOB PLM Comments: Method: ELAP EPA SC, Stereoscopic Exam ColorTALTextureMC	ANNING OPTION	PLM Optical	Q.C. D	5	-20	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color THAL Texture Homogeneity Vermiculite	ANNING OPTION	PLM Optical	Q.C. D	5	-20	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Low to Moderate Birefringence Other Fibrous PLM % Cellulose	level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Required See gravimetric	PLM NOB PLM Comments: Method: ELAP EPA SC, Stereoscopic Exam ColorTALTextureMC	ANNING OPTION	PLM Optical	Q.C. D	5	-20	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Recommended	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color THAL Texture Homogeneity Vermiculite	ANNING OPTION	PLM Optical	Q.C. D	5	-20	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % OC_Mineral Filter Organic Binders Vermiculite*
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Recommended See gravimetric analysis sheet	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color	ANNING OPTION	PLM Optical	Q.C. Properties Color, Pleo Bi	5	ner Identity	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Cother	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % OC_Mineral Filter Organic Binders Vermiculite*
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide	ANNING OPTION	PLM Optical RI II DS Color	Q.C. Properties Color, Pleo Bi	rel Sign Ott	ner Identity	Asbestos Results PLM % Chrysolile Arnosite Other %Asb. Or %Ver.	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Extinction	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % COC_Mineral Filter Organic Binders Vermiculite* Other If vermiculite is >10% the
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Required See gravimetric analysis sheet for results SM-V	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide	ANNING OPTION	PLM Optical RI II DS Color	Q.C. Properties Color, Pleo Bi	s ref Sign Ott	- OO	Asbestos Results PLM % Chrysotile Armosite Other	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Fiberglass Isotopic Synthetic High	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Off_Mineral Filter Organic Binders Other Other * If vermiculite is >10% the Ievel of asbestos in a sample might be underestimated.
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	PLM NOB PLM Comments: Method: ELAP EPA Sc. Stereoscopic Exam Color	ANNING OPTION	PLM Optical RI II DS Color	Q.C. Properties Color, Pleo Bi	s ref Sign Ott	- OO	Asbestos Results PLM % Chrysolile Arnosite Other	Extinction Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Synthetic High Birefringence Horse Hair: Scales,	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Other Other * If vermiculite is >10% the Ievel of asbestos in a sample
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V Required See SM-V	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color THE Texture Hemogeneity Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide PLM NOB PLM NOB PLM Comments: Method: CELAP EPA SC	ANNING OPTION	PLM Optical RI II DS Color Slide 6 Slide	Q.C.	s ref Sign Ott	Total PT	Asbestos Results PLM % Chrysolile Arnosite Other	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Off_Mineral Filter Organic Binders Other Other * If vermiculite is >10% the Ievel of asbestos in a sample might be underestimated.

Asbestos in Bulk Insulation Samples - 4 Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8 D CFR (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 quantific 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. LiLAB_FORMS,DOCUMENTS AND RECORDSYOPTICALASBESTOS BULKASBESTOS BULKASBESTOS BULKASBESTOS ANALYSIS SHEET_FORM #82.doc Page _____ of ______ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #82

ATEAS_
ATC

ATC									(, NY 1001 -3599 or 8				<u>Accreditations:</u> NVLAP 101187-0 ELAP 10879
				-		SBESTO							<u>Microscopes:</u> OLYMPUS BH-2 / NiKON OPTIPHOT
	Client / Project TOV					AD/ 74	6 PROS	SPECT A	AVE		Number Z214N		27
	Analysis Date <u>1 / ,</u>	ίμ	<u> </u>	_ Analyst			1			Batch I		-	
1 21 Field Number	Stereoscopic Exan	n A	Marah	Extinction	RII		ptical Pr			han (dantik)	Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric		6			RI1	RI DS				her Identity	Chrysotile	Cellutose	Mineral Filler
Required 🗆	Homogeneity Vermiculite										/Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos	~	T								Other	Other	Vermiculite*
See gravimetric 🗆 analysis sheet	Color of Layer Detected	Yes No										🛙 Cellulose Ondulose	Other
for results			<u> </u>									Extinction	
SM-V		de 2 S	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Synthetic High	* If vermiculite is >10% the
Required 🗌		,		}						000	ω	Birefringence 🛙 Horse Hair: Scales,	level of asbestos in a sample
See SM-V	NOB PLM				*******	läherbelan keinanan kanaar						Low to Moderate Birefringence	might be underestimated. See Note #1.
for results	Comments: Method: SELAP SELAP	A			<u></u>			c. 🗆			MMM-C-844		
ļ			a SCANF					.					
2 22 Field Number	Stereoscopic Exan	n				PLM O	ptical Pr	operties	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color WW Fexture	6	Morph	Extinction	RLI	RII DS	Color Colo	or,₽leo Bi	ref Sign Ol	her Identity	¢hrysotile	Cellulose	
Required 🗍	Homogeneity Vermiculite	×	↓								Arnosite	Fiberglass	Organic Binders
Recommended 🛛	, <u> </u>		1			······································	····· ····				Other	Other	Vermiculite*
See gravimetric 🗌 analysis sheet	# of Layers Asbestos						·····	······ ····			(Other
for results	Color of Layer Detected	Yes No	·					······································				Celluiose Onduiose Extinction	
SM-V	Point Counts Slide 1 Sli	ide 2 S	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT		%Asb. Or %Ver.	Fiberglass isotopic	
Required 🗆	PLM X/20								$\square \mathcal{O}$	200	()	 Synthetic High Birefringence 	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🗇			-								C	□ Horse Hair: Scales, Low to Moderate	might be underestimated. See Note #1.
anatysis sheet for results	Comments:			-			······					Birefringence	
	Method: 💭 ELAP 🗌 EP/	A F	ASCANN	ING OPTH	ON			C. 🗆				1	1
ļ	·····						G.					L	J
3 23 Field Number	Stereoscopic Exar						ptical Pr	opertie			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous
	Stereoscopic Exar Color BPD Texture			Extinction	RI1			opertie		her Idenlity		•	
Field Number	<u> </u>	n 6			RI 1		ptical Pr	opertie		her Idenlity	Results PLM %	PLM %	PLM %
Field Number Gravimetric	Color BHD Texture Homogeneity Vermiculite	n 6			RI 1		ptical Pr	opertie		her Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required Recommended See gravimetric	Color BHO Texture Homogeneity Vermiculite # of Layers Asbestos	n 6 	Morph		RI 1		ptical Pr	opertie		her Identity	Results PLM % Chrysotile mosite	PLM % Celtulose Fiberglass Other	PLM %
Field Number Gravimetric Required D Recommended D	Color BHD Texture Homogeneity Vermiculite	n 6 	Morph		RI 1		ptical Pr	opertie		her Identity	Results PLM % Chrysotile mosite	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Ondulose Extinction	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Color BHD Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected	n 6 3 Yes No	Morph		RI 1		ptical Pr	opertie			Results PLM % Chrysotile mosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Color BHDG Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PIM Lar	n 6 3 Yes No	Morph	Extinction			ptical Pr 3 Color Colo	operties	ref Sign Oi		Results PLM % Chrysolile mosite Other	PLM % Cellulose Fiberglass Clher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Biretringence	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V	Color BHDG Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PIM Lar	n 6 3 Yes No	Morph	Extinction			ptical Pr 3 Color Colo	operties	ref Sign Of	Total PT	Results PLM % Chrysolile mosite Other	PLM % Cellulose Fiberglass Clher Cellulose Fiberglass Stotopic Synthetic High Bitefringence Horse Hair; Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required	Color BHD Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM NOB PLM Comments:	n C Yes No ide 2	Morph	Extinction	Slide 5		Slide 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysolile mosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculile is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Color BHDH Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM NOB PLM	n C Yes No ide 2	Morph	Extinction	Slide 5		Slide 7	operties	ref Sign Of	Total PT	Results PLM % Chrysolile Chrysolile Other KASb. Or %Ver.	PLM % Cellulose Fiberglass Clher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	Color BHD Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM NOB PLM Comments:	n Yes No ide 2 S	Morph	Extinction	Slide 5	Ri DS	Slide 7	Slide 8	Asb./Ver. PT	Total PT	Results PLM % Chrysolile mosite Other	PLM % Cellulose Fiberglass Clher Cellulose Fiberglass Stotopic Synthetic High Bitefringence Horse Hair; Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculile is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results See SM-V Analysis sheet for results	Color BH Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM NOB PLM NOB PLM Comments: Method: ELAP EP/	n Yes No ide 2 S	Morph Slide 3	Extinction	Slide 5	RI DS	Slide 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Chrysotile Other KASb. Or %Ver. C Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number	Color BHU Texture	n Yes No ide 2 §	Morph Slide 3	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Chrysotile Other KAsb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Clher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate Birefringence Other Fibrous	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Color BHC Texture	n Yes No ide 2 §	Morph Slide 3	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Other Other %Asb. Or %Ver. Ø Asbestos Results PLM % Chrysotile	PLM % Cellulose Fiberglass Clher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Biretringence Horse Hair; Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Mineral Filler Organic Binders Vermiculite* Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Field Number Gravimetric Required Required See gravimetric Required See gravimetric Required See gravimetric Required	Color BHU Texture	n Yes No ide 2 §	Morph Slide 3	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Chrysotile Other KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 24 Field Number Gravimetric Required Required Recommended	Color BHC Texture	n Yes No ide 2 \$ A [n (1) a	Morph	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Chrysotile Other KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Gravimetric analysis sheet for results Gravimetric Gravimetric Required Required Recommended See gravimetric analysis sheet in results	Color BHU Texture	n Yes No ide 2 § A E n () Yes No	Morph	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	her Identity	Results PLM % Chrysotile Chrysotile Other KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Other Synthetic High Birefringence Synthetic High Birefringence Other Fiberglass Cellulose Fiberglass Other Cellulose Fiberglass Other Fiberglass Other Fiberglass Fib	PLM % Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite*
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results A Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Recommended See gravimetric See gravim	Color BHC Texture	n Yes No ide 2 § A E n () Yes No	Morph Morph Slide 3	Extinction Slide 4	Slide 5	RI DS Slide 6 PLM O RI DS	ptical Pr S Color Cold S Color Cold S Slide 7 Q,4 ptical Pr S Color Cold	operties or, Pleo Bi	ref Sign Of	her Identity	Results PLM % Chrysotile Chrysotile KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Armosite Other Chrysotile Chrysotile Chrysotile	PLM % Cellulose Fiberglass Other Cellulose Extinction Fiberglass Isotopic Synthetic High Bitefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Extinction Cellulose Extinction	PLM % PLM % Provide the second sec
Field Number Gravimetric Gravimetric Gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Color BHC Texture	n Yes No ide 2 § A E n () Yes No	Morph Morph Slide 3	Extinction Slide 4	Slide 5	RI DS Slide 6 PLM O RI DS	ptical Pr S Color Cold S Color Cold S Slide 7 Q,4 ptical Pr S Color Cold	operties or, Pleo Bi	ref Sign Of	her Identity	Results PLM % Chrysotile Chrysotile KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Armosite Other Chrysotile Chrysotile Chrysotile	PLM % Cellulose Fiberglass Other Coller Synthetic High Biretringence Fiberglass Isotopic Synthetic High Biretringence Other Fibrous PLM % Cellulose Fiberglass Other Fiberglass Other Synthetic High Cellulose Fiberglass Fi	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Other Other Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results A Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric SM-V Required SM-V Required SM-V Required SM-V Required SM-V Required SM-V Required SM-V Required	Color BHU Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM PLM Comments: Method: EELAP EP. Stereoscopic Exar Color Vermiculite # of Layer Vermiculite # of Layer Detected Point Counts Slide 1 Sli PLM Ni Slide 1 Sli	n Yes No ide 2 S A C Yes No ide 2 S Yes No	Morph	Extinction Slide 4 Slide 4 Slide 4	Slide 5	RI DS Slide 6 PLM O RI DS	ptical Pr S Color Cold S Color Cold S Slide 7 Q. Ptical Pr S Color Cold S Color Cold	operties	ref Sign Of	her Identity	Results PLM % Chrysotile Chrysotile KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Armosite Other Chrysotile Chrysotile Chrysotile	PLM % Cellulose Fiberglass Other Gelfulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Gelfulose Fiberglass Other Horse Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results A 24 Field Number Gravimetric Required Recommended See gravimetric Required Recommended See SM-V Required See SM-V Required See SM-V Required See S	Color BHU Texture	n Yes No ide 2 S A C Yes No ide 2 S Yes No	Morph	Extinction Slide 4 Slide 4 Slide 4 Slide 4 Slide 4 Slide 4	Slide 5 ON R11 Slide 5 Slide 5	Ri DS Slide 6 PLM O Ri DS Slide 6	ptical Pr S Color Cold S Color Cold S Color Cold Q. Slide 7 S Color Cold Slide 7	C. □	ref Sign Of	her Identity	Results PLM % Chrysotile mosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Armosite Other	PLM % Cellulose Fiberglass Other Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Gutulose Ondulose Extinction Fiberglass Other Gutulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Other Other Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 24 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results 5 A C Required See gravimetric analysis sheet for results SM-V Required See SM	Color BHC Texture	n Yes No ide 2 S A C Yes No ide 2 S A C A C No	Morph Bilde 3 Bilde 3 Slide 3 Slide 3	Extinction Slide 4	Slide 5	RI DS 	ptical Pr S Color Cold Slide 7 Slide 7 Q,1 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7	C. C. TROLLET	ref Sign Of Asb./Ver. PT	her Identity	Results PLM % Chrysotile Chrysotile Colher KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Arnosite Other KASb. Or %Ver.	PLM % Cellulose Fiberglass Colher Cellulose Colher Colher Synthetic High Biretringence Fiberglass Isotopic Synthetic High Biretringence Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Surfacing material that	PLM % PLM % PLM % Provide the second state of the second second state of the secon
Field Number	Color BHU Texture	n Yes No ide 2 S A C Yes No ide 2 S A C Yes No ide 2 S A C Yes No	Morph Blide 3 Blide 3 Blid	Extinction Slide 4 Sli	RI 1 RI 1 Slide 5 Slide 5 Slide 5 Slide 5 ON RI 1 Slide 5 Slid	RI DS Slide 6	ptical Pr S Color Cold S Color Cold S Color Cold Q. S lide 7 Q. S Lide 7 S Color Cold S	C. □ Slide 8 Slide 8 C. □ TROLLEI is of sampl quires meth nd may und urfacing me	ref Sign Of Asb./Ver. P1 Asb./Ver. P1 Asb./Ver. P1 Asb./Ver. P1 C C C C C C C C C C C C C	her Identity her Identity	Results PLM % Chrysotile Chrysotile Colher KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Arnosite Other KASb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Cellulose Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cother Fiberglass Fiberglass Cother Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Cother Fiberglass Fiberglass Fiberglass Fiberglass Cother Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Cother Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Cother Fiberglass	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Other Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Cother If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Cother

-ATEAS
ATC

ATC										k, NY 100 [.] -3599 or 8				Accreditations: NVLAP 101187-0 ELAP 10879
		-					SBESTO							Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT
		,	INDER 1727/		_ Analyst		AD/ /4	<u>6 PROS</u>	SPECT /	AVE		Number Z214N Number 22-	138	······)
1 25				 I				<u>t</u>				Asbestos	Other Fibrous	Mon Fibrous
Field Number		oscopic E	Exam	Momb	Extinction	RIL			or, Pleo Bi		ther identity	Results PLM %	PLM %	/ PLM %
Gravimetric	Color 1910	Textu	re 🔶									Chrysotile	Cellulose	
Required 🗋	Homogeneity	Vermi	ículite									Amosite	Fiberglass	0rganic Binders
Recommended	# of Layers	Asbes	stos	Τ		. <u> </u>						Other	Other	Vermiculite*
See gravimetric analysis sheet for results	Color of Layer_		ted Yes	No								/	Cellulose Ondulose Extinction	Other
SM-V	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. P	T Total PT	%Asb. Or %Ver.	Fiberglass Isotopic	
Required D	PLM	Nar				5				1	100	/i	 Synthetic High Birefringence 	* If vermiculite is >10% the
See SM-V	NÓB PLM	450				/					<u>~~</u>	(/	🗆 Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheet	Comments:					l			<u></u>	L			Low to Moderate Birefringence	See Note #1.
for results	Method: 🖉 El		EPA		NING OPTI	ION		Q.	c . □		***************************************			
2 26	· ·											Asbestos	Other Fibrous	Non Fibrous
2 26 Field Number	Stereo	scopic E	Exam						ropertie			Results PLM %	PLM %	/ PLM %
Gravimetric	Color BIV	A Textu	re	Morph	Extinction	RI1	RI DS	Color Cole	or, Pieo Bi	ref Sign C	other Identity	Chrysotile	Cellulose	100 Mineral Filler
Required 🗆	Homogeneity		iculite	/—	. <u></u>							Amosite	Fiberglass	Organic Binders
Recommended 🗋		1										Other	Other	Vermiculite*
See gravimetric	# of Layers	Asbe	stos					······						Other
analysis sheet for results	Color of Layer	Detec	ted Yes	No				······				1	Cellulose Ondulose	
SM-V	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb.Ner. P	T Total PT	%Asb. Or %Ver.	C Fiberglass Isotopic	
Required 🗌	PLM	OIS	4 ~		-7					O	200	\mathcal{O}	Synthetic High Birefringence	* If vermiculite is >10% the
See SM-V 🗆	NOB PLM	-t-			-/	<u> </u>					1		D Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheet	Comments:			L		1	I		I	I	1		Birefringence	See Note #1.
for results	Method: 🗹 Él						·						1	1
	Mealou, 🖽 La	ւոթ լ.։	EPA	LPSCAN	NING OPTI	ION		Q.	c. 🗆					
3 27 Field Number					NING OPTI	ion 	PLM O		C. 🗆	5		Asbestos Results PLM %	Other Fibrous	Non Fibrous PLM %
Field Number	Stereo	oscopic I	Exam		Extinction			ptical Pi			Plher Identity	Results PLM %	PLM %	PLM %
3 27 Field Number Gravimetric Required I	Sterec Color_B/W	Discopic I Mextu	Exam					ptical Pi	ropertie		Plher Identity		1	PLM %
Field Number Gravimetric	Stereo	oscopic I	Exam					ptical Pi	ropertie		Diher Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required 🕼	Sterec Color_B/W	Discopic I Mextu	Exam re					ptical Pi	ropertie		Viher Identity	Results PLM %ChrysotileAmosite	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Sterec Color_19720 Hormogeneity	UTextu	Exam re	Morph				ptical Pi	ropertie		Siher Identity	Results PLM %ChrysotileAmosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required I Recommended See gravimetric I analysis sheet for results	Sterec Color 1910 Homogeneity # of Layers Color of Layer	UTextu Vermi Asbei	Exam re 1/ - iculite stos cted Yes	Morph	Extinction	RI1		ptical Pi	ropertie:	ref Sign C		Results PLM % Chrysofile Amosite Other	PLM % Cellulose Fiberglass Other	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V	Sterec Color MW Hornogeneity # of Layers Color of Layer Point Counts	UTextu	Exam	Morph				ptical Pi	ropertie			Results PLM %ChrysotileAmosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High	PLM %
Field Number Gravimetric Required I Recommended See gravimetric I analysis sheet for results	Sterec Color 19/100 Homogeneity # of Layers Color of Layer Point Counts PLM	UTextu UTextu Vermi Asbei Detec Slide 1	Exam re 1/ - iculite stos cted Yes	Morph	Extinction	RI1		ptical Pi	ropertie:	ref Sign C		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM %CelluloseOther Cellulose Ondulose Extinction Fiberglass Isotopic	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is > 10% the level of asbestos in a sample
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V	Sterec Color 19/100 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM	UTextu Vermi Asbei	Exam re 1/ - iculite stos cted Yes	Morph	Extinction	RI1		ptical Pi	ropertie:	ref Sign C		Results PLM % Chrysofile Amosite Other	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required	Sterec Color <u>P</u> /LU Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments:	UTextu Vermi Asbei Detec Slide 1	Exam re	No Stide 3	Slide 4	RI1		S Color Colo	ropertie:	ref Sign C		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Callulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Sterec Color 19/100 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM	UTextu Vermi Asbei Detec Slide 1	Exam re 1/ - iculite stos cted Yes	No Stide 3	Extinction	RI1		S Color Colo	ropertie:	ref Sign C		Results PLM % Chrysotile Other %Asb. Or %Ver. U	PLM % Cellulose Fiberglass Other Callulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filler Organic Binders Vermiculite' Other * If vermiculite is > 10% the level of asbestos in a sample might be underestimated, See Note #1.
Field Number Gravimetric Required Gravimetric Recommended Gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	Sterec Color 19/120 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: D E	UTextu Vermi Asbei Detec Slide 1	Exam re // · iculite stos stos Stide 2 Stide 2 D EPA	No Stide 3	Slide 4	RI1	Ri II DS	Slide 7	ropertie:	ref Sign C		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Callulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 28 Field Number	Sterec Color 19/120 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: D E	Discopic E La Textu Verm Asbei Detec Slide 1 O M LAP	Exam re	No Slide 3	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color Color S Color Color Color Color S Color Color Color Color Color Color S Color Color Color Color Color Color Color S Color Colo	ropertie: or, Pleo B Side 8	ref Sign C		Results PLM % Chrysolile Arnosite Other KASb. Or %Ver. KASbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite' Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated, See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Sterec Color 17/100 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color MUU	Detector Slide 1	Exam re	No Slide 3	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color Color S Color Color Color Color S Color Color Color Color Color Color S Color Color Color Color Color Color Color S Color Colo	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler
Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Sterec Color P/120 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: El Sterec (M1113)	Detector Slide 1	Exam re	No Slide 3	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other KASb. Or %Ver. KASb. Or %Ver. Kasbestos Results PLM % Chrysotile	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Diose hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler
Field Number Gravimetric Required Gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 28 Field Number Gravimetric Required Q	Sterec Color 17/100 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color MUU	Detector Slide 1	Exam re	No Slide 3	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. U Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Birefringence Other Fiberous PLM % Cellulose Fiberglass	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders
Field Number Gravimetric Required Gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 28 Field Number Gravimetric Required Q Recommended	Sterec Color MUC Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method:E Sterec Color MUC Homogeneity	Detectors Detectors Slide 1 Detectors Slide 1 Detectors Slid	Exam re	No Morph	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. U Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Sirefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Cother Cellulose Ce	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated, See Note #1. Non Fibrous PLM % Mineral Filler Grganic Binders Vermiculite'
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 28 Field Number Gravimetric Required See gravimetric Recommended See gravimetric See gravimetric Canalysis sheet for results	Sterec Color P/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color MM0 Homogeneity # of Layers	Detectors Detectors Slide 1 Detectors Slide 1 Detectors Slid	Exam re	No Morph	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. U Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated, See Note #1. Non Fibrous PLM % Mineral Filler Grganic Binders Vermiculite'
Field Number Gravimetric Required Gravimetric Recommended See gravimetric analysis sheet for results Gravimetric Gravimetric Required Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric S	Sterec Color P/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: El Sterec Color MMU Homogeneity # of Layers Color of Layer Point Counts	Detec	Exam re	No Morph	Slide 4	RI1 Slide 5 Nide 5 RI1	Ri II DS	ptical Pi S Color Colo S Color Co	C. C	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. %Asb. Or %Ver. %Asbestos Results PLM % Chrysotile Arnosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Cother Synthetic High Cellulose Fiberglass Cother Synthetic High Synthetic High Synthetic High Synthetic High Synthetic High Cellulose Synthetic High Synthetic High Synthetic High Synthetic High Synthetic High Cellulose Synthetic High Synthetic High Cellulose Synthetic High Cellulose Synthetic High Synthetic High Synthetic High Synthetic High Synthetic High Synthetic High Cellulose Synthetic High Cellulose Synthetic High Cellulose Synthetic High Synthe	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated, See Note #1. Non Fibrous PLM % Mineral Filler Grganic Binders Vermiculite'
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Stee SM-V analysis sheet for results Field Number Gravimetric Required See gravimetric analysis sheet for results See gravimetric analysis sheet for results SM-V Required See gravimetric analysis sheet for results	Sterec Color P/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color D/0000 Hornogeneity # of Layers Color of Layer Point Counts PLM	Detec	Exam re	No Morph	Slide 4	RI1 Slide 5 Nide 5 RI1	Ri II DS	ptical Pi S Color Colo S Color Co	C. C	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Collulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Fiberglass Horse Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Grganic Binders Vermiculite' Other If vermiculite is >10% the
Field Number Gravimetric Required Gravimetric Recommended See gravimetric analysis sheet for results Gravimetric Gravimetric Required Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric S	Sterec Color 19/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: D EI Sterec Color (D) WW Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM	Detec	Exam re	No Morph	Slide 4	RI1 Slide 5 Nide 5 RI1	Ri II DS	ptical Pi S Color Colo S Color Co	C. C	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. %Asb. Or %Ver. %Asbestos Results PLM % Chrysotile Arnosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Gellulose Cellulose Cellulose Fiberglass Cother Gellulose Synthetic High Birefringence Synthetic High Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose C	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results See SM-V analysis sheet for results Field Number Gravimetric Required See gravimetric analysis sheet for results See gravimetric analysis sheet for results SM-V Required See gravimetric analysis sheet for results SM-V Required	Sterec Color 19/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: D El Sterec Color of Layer # of Layers Color of Layer Point Counts PLM NOB PLM NOB PLM Comments:	Detectors Detectors Detectors Slide 1 Detectors Slide 1 Detectors Detectors Slide 1 Ummasses Detectors Slide 1 Ummasses Detectors Slide 1	Exam re	No Morph Slide 3	Extinction Slide 4	RI1 Slide 5 Image: Slide 5	Ri II DS	ptical Pi S Color Colo S Color Colo S Slide 7 Q. Slide 7 S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fiberglass Cellulose Fiberglass Cellulose Cellulose Fiberglass Cother Cellulose Fiberglass Cother Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Field Number Gravimetric Required See gravimetric Recommended See gravimetric analysis sheet for results See gravimetric Recommended See gravimetric See gravimetric See SM-V Required See SM-V Required See SM-V analysis sheet for results	Sterec Color 19/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: D El Sterec Color of Layer # of Layers Color of Layer Point Counts PLM NOB PLM NOB PLM Comments:	Detectors	Exam re	No Morph	Slide 4 Slide 4 Slide 4 Slide 4 Slide 4 NING OPTI	RI1 Slide 5 Slide 5 Slide 5 Slide 5 Slide 5	Rill DS Siide 6	ptical Pi S Color Colo Slide 7 Q. ptical Pi S Color Colo Slide 7	C. Slide 8 Slide 8 C.	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. V	PLM % Cellulose Fiberglass Other Collulose Synthetic High Birefringence Other Fiborous PLM % Cellulose Fiberglass Cother Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cellul	PLM % Mineral Filler Organic Binders Vermiculite' Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite' Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Sterec Color P/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color of Layer Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: PLM NOB PLM Comments: PLM NOB PLM Comments: PLM NOB PLM	Detect Detect Slide 1 Detect Complexed to the second	Exam re	No Slide 3		RI1 RI1 Slide 5 KON Slide 5 KON KI1 Slide 5 KON KI1 KI1 KI1 KI1 KI1 KI1 KI1 KI	Ri DS Slide 6	ptical PI S Color Colo S Color Colo S Slide 7 Q. Slide 7 S Color Colo S Color	ropertie: or, Pleo B Silde 8 C. Silde 8 Silde 8 C. TROPERTIE: or, Pleo B	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. U	PLM % Cellulose Fiberglass Cother Collulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Fiberglass Cother Fiberglass Cother Sizeffingence Fiberglass Cother Fiberglass Fiberglass Fiberglass Fiberglass Cother Fiberglass Fiberg	PLM % Mineral Filler Organic Binders Vermiculite Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite Organic Binders Vermiculite Cother If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Contains vermiculite entification and quantification
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Field Number Gravimetric Required See gravimetric Recommended See gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results SM-V Required See SM-V analysis sheet for results Methods: EPA Interim M Aspendix E to EPA 600/R-93	Sterec Color PAC Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color MWW Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: PLM NOB PLM Comments: Color of Layer Point Counts PLM NOB PLM Comments Counts PLM NOB PLM Comments Counts PLM NOB PLM Comments Counts Color of Layer Point Counts PLM NOB PLM Comments Counts PLM NOB PLM Comments Counts Comments Counts PLM NOB PLM Comments Counts Comments Counts Color of Layer Point Counts Color of Layer Color of Layer POINT Counts Color of Counts Comments Counts PLM Comments Counts Comments Counts Comments Counts Comments Counts Comments Counts Comments Counts Comments Counts Counts Counts Counts Counts Counts Counts Counts Counts Counts Counts Counts Counts Counts Counts Counts Co	Asbeit Control Contro	Exam re	No No Slide 3 Slide 3 Slide 3 Slide 3 No Slide 3		RI 1 RI 1 Silde 5	Rill DS Slide 6	ptical PI S Color Colo S Color Colo S Color Colo S Slide 7 Q. Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7	ropertie: or, Pleo B Slide 8 C. Slide 8 Slide 8 C. Slide 8	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. U	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Getter Fibrous PLM % Cellulose Gother Fiberglass Isotopic Gynthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Horse Hair: Scales, Low to Moderate Birefringence Gynthetic High Birefringence Gother Getter Scales, Low to Moderate Birefringence Gynthetic High Birefringence Gynthetic High Birefringence Gynthetic High Birefringence Gother than do das limitations for Id containing greater than doo point count method.	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Grganic Binders G

-47-5-5-
ATC

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010

							, NY 1001 3599 or 83				<u>Accreditations:</u> NVLAP 101187-0 ELAP 10879
			BULK AS								Microscopes: OLYMPUS BH-2/
	Client / Project TOWN O		MPSTE	AD/ 74	6 PROS	PECT A	VE	Project	Number Z214N	IH0004	NIKON OPTIPHOT
	Analysis Date $1/21/2$	022 Analyst			40	<u> </u>		Batch N	Number 22-	<u>138</u>	
1 29	Stereoscopic Exam	1		PLM O	ptical Pr	operties	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Field Number Gravimetric	Color Belf Fexture	Morph Extinction	RÍ1	RI DS	Color Colo	r, Pleo Bir	ef Sign O1	her Identity	Chrysotile	Cellulose	A Mineral Filler
Required 2]							Amosite	Fiberglass	Organic Binders
Recommended 🛛	Homogeneity Vermiculite			······ ····					Other	Other	U
See gravimetrig	# of Layers Asbestos										Other
for results	Color of Layer Detected Yes N	°								Cellulose Ondulose Extinction	
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.	Fiberglass Isotopic Overthetic High	
Required 🗌	PLM									Synthetic High Birefringence	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🛛							U	m		 Horse Hair: Scales, Low to Moderate Birefringence 	might be underestimated. See Note #1.
analysis sheet for results	Comments:	[, ["]				Direitaigente	
	Method: / ELAP DEPA /	SCANNING OPTI	ON		Q.u	⊃. □					<u> </u>
2 30 Field Number	Stereoscopic Exam			PLM O	ptical Pr	operties	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color BCIL Texture UF	Morph Extinction	RL	RI DS	Color Colo	r, Pleo Bi	ref Sign Ot	her Identity	Chrysotile	Cellulose	<u> </u>
Required 🖵		/							Amosite	Fiberglass	Organic Binders
Recommended 🗍	# of Layers Asbestos								Other	Other	Vermiculite*
See gravimetric 🔎 analysis sheet											Other
for results	Color of Layer Detected Yes N									Cellulose Ondulose	
SM-V	+-	Slide 3 Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver, PT	Total PT	%Asb. Or %Ver.	Fiberglass Isotopic Synthetic High	
Required 🗍	i i i i i i i i i i i i i i i i i i i							<u> </u>		Birefringence	* If verniculite is >10% the level of asbestos in a sample
See SM-V 🗍 analysis sheet	NOB PLM						ΰ	\sim		Low to Moderate Birefringence	might be underestimated. See Note #1.
										<i>i</i> –	F
for results			ON		Q.(C. 🗆					
for results	Method: 🗍 ELAP 🗌 EPA 🧳		ON			C. 🗆			Asbestos	Other Fibrous	Non Fibrous
		/			ptical Pr	operties		her idenlify	Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
for results	Method: 🗍 ELAP 🗌 EPA 🧳					operties		her Idenlity			
for results 3 31 Field Number Gravimetric Required []	Method: ELAP EPA	/			ptical Pr	operties		her Idenlity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass	PLM %
for results 3 31 Field Number Gravimetric Required D Recommended	Method: EKAP EPA Stereoscopic Exam Color IIIIO Pexture Homogeneity Vermiculite	/			ptical Pr	operties		her identity	Results PLM %	PLM %	PLM %
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric	Method: EKAP EPA Stereoscopic Exam Color /////Texture /// Homogeneity // Vermiculite // # of Layers Asbestos	Morph Extinction			ptical Pr	operties		her idenlity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass	PLM %
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric for results	Method: EKAP EPA Stereoscopic Exam Color flll() Texture /// Homogeheity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N		RI 1		ptical Pr	operties r, Pleo Bi	ref Sign OL		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other	PLM %
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric See gravimetric Set gravimetric SM-V	Method: EKAP EPA Stereoscopic Exam Color full() Texture Homogeneity Vermiculite # of Layers Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PI M	Morph Extinction			ptical Pr	operties			Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High	PLM % Mineral Filler Organic Binders Vermiculite* Other
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric for results SM-V Required	Method: EKAP EPA Stereoscopic Exam Color full() Texture /// Homogeneity Vermiculite // # of Layers Asbestos // Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLM		RI 1		ptical Pr	operties r, Pleo Bi	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM %
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric for results SM-V Required See SM-V analysis sheet	Method: EKAP EPA Stereoscopic Exam Color full() Texture Homogeneity Vermiculite fof Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PI M		RI 1		ptical Pr	operties r, Pleo Bi	ref Sign OL		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Fiberglass Isotopic Synthetic High Birefringence	PLM %Mineral FillerOrganic BindersVermiculite*Other _* If vermiculite is >10% the level of asbestos in a sample
for results 3 31 Field Number Gravimetric Required See gravimetric.Pr analysis sheet for results SM-V Required See SM-V	Method: EKAP EPA Stereoscopic Exam Color IIII Texture III Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLM NOB PLM		RI1		Slide 7	operties r, Pleo Bi	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM %Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric for results SM-V Required See SM-V analysis sheet	Method: EEAP EPA Stereoscopic Exam Cotor IIIID Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM IIIID NOB PLM IIIID Comments: IIIID Method: ELAP		RI1	RI DS	Slide 7	operties r, Pleo Bi	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric-P analysis sheet for results SM-V Required See SM-V analysis sheet for results SM-V	Method: EKAP EPA Stereoscopic Exam Color Color Color Color Counts Slide 1 Slide 2 PLM NOB PLM Comments: EEAP EPA EPA EPA EPA EPA EPA EPA		811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Vor.	PLM % Cellulose Fiberglass Other Cultulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM %Mineral FillerOrganic BindersVermiculite*Other _* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
for results 3 31 Field Number Gravimetric Required [] Recommended [] See gravimetric-[] analysis sheet for results SM-V Required [] See SM-V analysis sheet for results 4 32 Field Number Gravimetric	Method: EEAP EPA Stereoscopic Exam Cotor IIIID Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM IIIID NOB PLM IIIID Comments: IIIID Method: ELAP	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Condulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %Mineral FillerOrganic BindersOtherOth
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric SM-V Required See SM-V analysis sheet for results SM-V Required See SM-V Analysis sheet for results 4 32 Field Number Gravimetric Required Gravimetric	Method: EEAP EPA Stereoscopic Exam Color IIIIOTexture Homogeheity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM NOB PLM NOB PLM PEA Stereoscopic Exam Stereoscopic Exam	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Cellulose Cellulose Cellulose Direfringence Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM %Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %Mineral FillerOrganic Binders ()
for results 3 31 Field Number Gravimetric Required [] Recommended [] See gravimetric-[] analysis sheet for results SM-V Required [] See SM-V analysis sheet for results 4 32 Field Number Gravimetric	Method: EKAP EPA Stereoscopic Exam Color Image: Color for the start of the start o	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Condulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %Mineral FillerOrganic BindersOtherOth
for results	Method: EKAP EPA Stereoscopic Exam Color Image: Color Color Color Color Color Color Color of Layer Asbestos Hornogeneity Vermiculite Color of Layer Detected Yes N Point Counts Stide 1 Slide 2 PLM PLM PLM NOB PLM PLM Comments: Method: ELAP EPA Stereoscopic Exam Color Image: Color Color Color Color Color Homogeneity Vermiculite Image: Color	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Conter Stinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cellulo	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral FillerOrganic BindersVermiculite*
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric for results SM-V Required See SM-V Required See SM-V Required Gravimetric Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Required See gravimetric See g	Method: EKAP EPA Stereoscopic Exam Color Image: Color Field Content of the second content of th	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	her Idenlify	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Celfulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair's Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral FillerOrganic BindersVermiculite*
for results 3 31 Field Number Gravimetric Required [] Recommended [] See gravimetric-Paralysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 32 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V	Method: EKAP EPA Stereoscopic Exam Color Image: Color of Layers Asbestos Homogeneity Vermiculite Image: Color of Layer Detected Yes N Point Counts Stide 1 Stide 2 Stide 2 PLM Image: Color of Layer Detected Yes N NOB PLM Image: Color of Layer EPA Stereoscopic Exam Color Image: Color of Layer Image: Color of Layer Homogeneity Vermiculite Image: Color of Layer Asbestos If of Layers Asbestos Image: Color of Layer Detected Yes N Point Counts Stide 1 Stide 2 Image: Color of Layer Detected Yes N Point Counts Stide 1 Stide 2 Image: Color of Layer Detected Yes N		Rl1	RI DS Slide 6 PLM O RI DS	ptical Pr Color Colo Slide 7 Q.1 Ptical Pr	operties r, Pleo Bi Slide 8 C. operties y, Pleo Bi	Asb./Ver. P1	her Idenlify	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Conter Conter Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cellulose Cellulose Cellulose Fiberglass Cother Cellulose C	PLM %
for results	Method: EXAP EPA Stereoscopic Exam Color Image: Color Color Color Color Color Color Color Color Color of Layer Asbestos # of Layers Asbestos Color Color Color Color Color Color Side 1 Side 2 PLM PLM Comments: Color Col		Rl1	RI DS Slide 6 PLM O RI DS	ptical Pr Color Colo Slide 7 Q.1 Ptical Pr	operties r, Pleo Bi Slide 8 C. operties y, Pleo Bi	Asb./Ver. P1	her Identity	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Chrysotile Other %Asb. Or %Ver. Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Collulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cellulose Cellulose Cellulose Cellulose Fiberglass Cother Fiberglass Isotopic Fiberglass Fiberglass Isotopic Fiberglass Fiberg	PLM %
for results	Method: EKAP EPA Stereoscopic Exam Color Image: Color full (D) Texture Image: Color full (D) Texture Homogeneity Vermiculite Image: Color full (D) Texture Image: Color full (D) Texture # of Layers Asbestos Image: Color full (D) Texture Image: Color full (D) Texture Point Counts Stide 1 Stide 2 PLM Image: Color full (D) Texture Image: Color full (D) Texture Method: Image: Color full (D) Texture Image: Color full (D) Texture Homogeneity Vermiculite Image: Color full (D) Texture Homogeneity Vermiculite Image: Color full (D) Texture # of Layers Asbestos Image: Color full (D) Texture # of Layers Asbestos Image: Color full (D) Texture # of Layers Asbestos Image: Color full (D) Texture Point Counts Slide 1 Slide 2 PLM Image: Color full (D) Texture Image: Color full (D) Texture		Rl1	RI DS Slide 6 PLM O RI DS	ptical Pr Color Colo Slide 7 Q.1 Ptical Pr	operties r, Pleo Bi Slide 8 C. operties y, Pleo Bi	Asb./Ver. PT	her Idenlify	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Synthetic High Birefringence Synthetic High Cellulose Fiberglass Isotopic Synthetic High Cellulose Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral FillerOrganic Binders UVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample
for results	Method: EPA Stereoscopic Exam Color IIIIO Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Stereoscopic Exam Comments: Method: ELAP EVAN Stereoscopic Exam Color IIIIC Texture Homogeneity Vermiculite # of Layers Asbestos Golor of Layer Detected Yermiculite IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		RI1	RI DS Slide 6 PLM O RI DS Slide 6	Slide 7 Slide 7 Slide 7 Slide 7 Q.1 Slide 7 Slide 7 Q.2 Slide 7 Slide	operties r, Pleo Bi Slide 8 C. Slide 8 Slide 8 C. C. C. C. C. C. C. C.	ref Sign Ol	her Identify	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Chrysotile Other %Asb. Or %Ver. Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Condutose Extinction Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Condutose Extinction Fiberglass Low to Moderate Horse Hair: Scales, Low to Moderate	PLM %

EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vemiculite (SM-V) and it utilizes a 400 point count method. L:\LAB_FORMS,DOCUMENTS AND RECORDS\OPTICAL\ASBESTOS_BULK\ASBESTOS BULK FORMS 2022\BULK ASBESTOS ANALYSIS SHEET_FORM #82.doc Page _____ of _____ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #82 Page _____ of _____

ATEAS
ATC

					•	,	0000 01 01				
			BULK A	SBESTO	S ANAL	YSIS SH	EET				Microscopes: OLYMPUS BH-2/
	Client / Project TOWN	OF NORTH F	IEMPST	EAD/ 74	6 PROS	РЕСТ А	VE	Project	t Number Z214N	IH0004	NIKON OPTIPHOT
	Analysis Date <u>1</u> /2)/	2022 Anal	/st	F-				Batch	Number 22-	138 _	78
4 00								batch i		I	EMPERATURE C
1 33 Field Number	Stereoscopic Exam			PLM O	otical Pr	operties			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	color Show Texture (Morph Extinc	ion RL	RI DS	Color Colo	or, Pieo Bir	ef Sign Of	her Identity	Chrysotile	Cellulose	/ Mineral Filler
Required 🗆									Amosite	Fiberglass	Organic Binders
Recommended	Homogeneity Vermiculite								Other	Other	Vermiculite*
See gravimetric 🛛	# of Layers Asbestos										Other
analysis sheet	Color of Layer Detected Yes	No.									O(nea
for results	Color of cayerCoelected Tes				<u></u>					Cellulose Ondutose Extinction	
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.	🛙 Fiberglass Isotopic	
Required 🗆	PLM (1		\mathbf{N}				2	1-0	\cup	Synthetic High Birefringence	If vermiculite is >10% the
See SM-V D	NOB PLM		/		··· .		$- \bigcirc$	1 un		🛙 Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheet	Comments:	L								Low to Moderate Birefringence	See Note #1.
for results	Method: CELAP DEPA	SCANNING O				c. 🗆					
L	Method: DELAP DEPA		- HON								
2 34 Field Number	Stereoscopic Exam			PLM O	otical Pr	operties			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous
	Calor BAUNT TOUTING (0	Morph Extinc	ion RI1	RII DS	Color Colo	or, Pleo Bir	ef Sign Ot	her Identity			Lar 1
Gravimetric	Color 171 Texture								Chrysotile	Cellulose	
Required	Homogeneity Vermiculite								Amosile	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos								Other	Other	Vermiculite*
See gravimetric analysis sheet											Other
for results	Color of Layer Detected Yes	No		······· ···						Cellulose Ondulose Extinction	
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.	🗆 Fiberglass Isotopic	
	PLMDIP						$\langle \gamma \rangle$	200	()	Synthetic High	* If vermiculite is >10% the
Required	NOB PLM		\prec					100		Birefringence	level of asbestos in a sample might be underestimated.
See SM-V 🛛 analysis sheet		L								Low to Moderate Birefringence	See Note #1.
for results	Comments:					<u> </u>				j	
L	Method: C ELAP EPA	SCANNING O	PTION		Q.	C, 🗆					
3 35	Stereoscopic Exam			PLM O	otical Pr	operties			Asbestos Regulto PLM %	Other Fibrous	Non Fibrous
Field Number	Stereoscopic Exam	-Morph Extinc	ion RL1			operties		her Identity	Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Field Number Gravimetric	Stereoscopic Exam	K-Morph Extinc	ion RI1			-		her Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required Q	Stereoscopic Exam Color	H-Morph Extinc	ion RI1			-		her Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric	ColorTexture HomogeneityYermiculite	H-Morph Extinc	ion RI1			-		her Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required Recommended See gravimetric	CONOF BACKFEILE	H-Morph Extinc	ion RI1			-		ther Identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass	PLM % Mineral Filler Organic Binders
Field Number Gravimetric Required [2] Recommended []	ColorTexture HomogeneityYermiculite					-		ther Identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results	Color Yexilite Homogeneity Yermiculite # of Layers Asbestos					-			Results PLM % Chrysotile Amosite Other	PŁM % Cellulose Fiberglass Other	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V	Color MUCHExilize Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2	No			Color Colo	pr, Pleo Bir	ef Sign Ot		Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High	PLM % Mineral Filler Organic Binders Vermiculite* Other
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results	Color	No			Color Colo	pr, Pleo Bir	ef Sign Ot		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Isotopic Synthetic High Birefringence	
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V []	Color	No			Color Colo	pr, Pleo Bir	ef Sign Ot		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Statistics Conter Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other ' If vermiculite is >10% the
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required []	Color	No Slide 3 Slide	4 Slide 5		Color Color	Slide 8	ef Sign Ol		Results PLM % Chrysotile Amosite Other KAsb. Or %Ver.	PŁM % Cellulose Fiberglass Coher Coher Coher Coher Coher Struction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Mineral Filler Organic Binders Vermiculite* Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet	Color	No	4 Slide 5		Color Color	pr, Pleo Bir	ef Sign Ol		Results PLM % Chrysotile Amosite Other KAsb. Or %Ver.	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Statistics Conter Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 36	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Colo 	Slide 8	ef Sign Ot		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Conter Synthetic High Birefringence Birefringence Conter Fibrous Cother Fibrous	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Color MUCHExtUre Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2 PLM NOB PLM U W Comments: Method: D ELAP D EPA Stereoscopic Exam	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM %CelluloseFiberglassOtherOtherCellulose Ondutose ExtinctionFiberglass IsotopicSynthetic High BirefringenceHorse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 36	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Conter Synthetic High Birefringence Birefringence Conter Fibrous Cother Fibrous	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Statistic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 36 Field Number Gravimetric	Color MUCHExiline Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM U Comments: Method: Method: ELAP Extereoscopic Exam Celor MLCM Hornogeneity Vermiculite	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % (Mineral Filler
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results SM-V Gravimetric Gravimetric Required Gravimetric Required See gravimetric See gravimetric	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cother Cother Synthetic High Birefringence Ditorse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Gravimetric Required Required Gravimetric	Color MUCHExiline Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM U Comments: Method: Method: ELAP Extereoscopic Exam Celor MLCM Hornogeneity Vermiculite	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cellulose Ondutose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cother Cellulose Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cellulose Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cell	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % (
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Required Required Required See gravimetric Required See gravimetric Required See gravimetric analysis sheet for results	Color Differential difference Hormogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM U NOB PLM U Comments: Method: Method: ELAP Elor Texture Hormogeneity Vermiculite # of Layers Asbestos Color of Layer Detected	No	4 Slide 5	RI II DS	Color Colo Slide 7	C. C	ef Sign Of Asb./Ver, P1	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Conter Fiberglass Isotopic Fiberglass Isotopic Fiberglass Isotopic Fiberglass Conter Fibrous PLM % Cellulose Fiberglass Conter Conter Conter Fiberglass Conter Co	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % (
Field Number Gravimetric Gravimetric Gravimetric Gravimetric See gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Gravimetric Required Required Required See gravimetric Gravimetric Required See gravimetric See gravimetric See gravimetric See gravimetric SM-V SM-V	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cother Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fibrous Cellulose Cellulose Cother Cellulose Cother Cellulose Cother Co	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Required Required Required See gravimetric Required See gravimetric See	Color Of Layers	No	4 Slide 5	RI II DS	Color Colo Slide 7	C. C	ef Sign Of Asb./Ver. PT	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cellulose Cellulose Fiberglass Cither Siterfingence S	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Required Gravimetric Required See gravimetric See gravimetric See gravimetric See gravimetric See SM-V Required See SM-V Required See SM-V Required See SM-V Required See SM-V	Color	No	4 Slide 5	RI II DS	Color Colo Slide 7	C. C	ef Sign Of Asb./Ver, P1	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cother Cother Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Cother Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Cother Cellulose Cother Cellulose Cother Co	
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 36 Field Number Gravimetric [] Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See gravimetric [] analysis sheet for results SM-V Required []	Color Differentiality Hormogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM U NOB PLM U Comments: Method: Method: ELAP Elor Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Stereoscopic Exam Color Cetor Method: Vermiculite Yes Point Counts Slide 1 Slide 1 Slide 2 PLM U	No	4 Slide 5	RI II DS	Color Colo Slide 7	Slide 8 C. Slide 8 Slide 8 Side 8 Side 8	ef Sign Of Asb./Ver. PT	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cellulose Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fibrous Cellulose Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass High Birefringence Horse Hair: Scales,	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See GM-V analysis sheet for results Gravimetric Required Required Required See gravimetric Required See gravimetric Required See gravimetric SM-V Required See gravimetric SM-V Required See SM-V Required SM-V Required SM-V Required SM-V Required See SM-V See	Color	No Slide 3 Slide	4 Slide 5 PTION	RI DS Slide 6	Color Colo Slide 7 Q.0 Color Colo Slide 7	or, Pleo Bir Slide 8 C. □ Slide 8 Slide 8 Slide 8 C. □	ef Sign Of	her Identity	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cother Cother Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Cother Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Cother Cellulose Cother Cellulose Cother Co	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Required Gravimetric Required See gravimetric See gravimetric See gravimetric SM-V Required See gravimetric SM-V Required SM-V Required For results SM-V Required See SM-V Required For results For results SM-V Required For results For r	Color	No Slide 3 Slide	4 Slide 5 PTION A Slide 5 PTION CUMENT O CUMENT O	RI DS RI DS Slide 6 PLM O RI DS Slide 6 Slide 6	Color Colo Slide 7	C. Slide 8 Slide 8 C. Slide 8 C. C. C. C. C. C. C. C.	ef Sign Ot	her Identity	Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Field Number Gravimetric Required [] Recommended [] See gravimetric analysis sheet for results SM-V Required [] See SM-V[] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results SM-V Required [] See SM-V [] Analysis sheet for results SM-V See SM-V [] Analysis sheet for results SM-V See SM-V [] Analysis sheet for results SM-V See SM-V [] Analysis sheet for results SM-V [] See SM-V [] Sheet SM-V [] SM-V [Color	No Slide 3 Sli	4 Slide 5 PTION ion RI 1	RI DS RI DS Slide 6 PLM O RI DS Slide 6 Slide 6 Slide 6	Color Colo Slide 7	C. Slide 8 Slide 8 C. Slide 8 C. TROLLEC is of sample quires meth	ef Sign Ot	ther Identify	Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Other Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Fiberglass Cother Fiberglass Cother Fiberglass Fiberglass Cother Fiberglass Cother Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Cother Fiberglass Fiber	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See gravimetric SM-V Required Gravimetric Gravimetric Required Gravimetric Required Gravimetric Required See gravimetric Required See gravimetric SM-V Required Gravi	Color MULtexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM U NOB PLM U Comments: EPA Stereoscopic Exam Celor MULtexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2 PLM Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM U NOB PLM U Comments: Image: Comments: Method: ELAP EPA tethod of the Determination of ulk insulation Samples - 40 CFR Subpart E of/Part 763	No Slide 3 Sli	4 Slide 5 PTION ion RI 1 A Slide 5 A Slide 5 PTION CUMBENT O UMBENT UMBENT O UMBENT	RI II DS	Color Colo Slide 7 Q.1 Otical Pr Color Colo Color Colo Slide 7	Slide 8 C. Slide 8 Slide 8 C.	ef Sign Ot	ther Identity	Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Cother Cother Cother Synthetic High Birefringence Cellulose Cellulose Fiberglass Cother Fibrous PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Fiberglass Cother Fiberglass Cother Cother Fiberglass Cother Fiberglass Cother Cellulose Fiberglass Cother Fiberglass Cother Cellulose Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Fiberglass Cother Fiberglass Cother Fiberglass Fibergl	

Accreditations: NVLAP 101187-0

ATEAS_
ATC

ATC										k, NY 1001 -3599 or 8				<u>Accreditations;</u> NVLAP 101187-0 ELAP 10879
								S ANAL						Microscopes: OLYMPUS BH-2 /
	Client / Pr	oject_T	OWN	OF NOF	NTH HE	MPSTE	AD/ 74	6 PROS	SPECT /	AVE	Project	t Number Z214N	NH0004	NIKON OPTIPHOT
	Analysis	Date]	L/Z}	2022	Analyst			-4			Batch	Number 22-	138 ,	
1 37	Stereo	scopic E	Exam				PLM O	ptical Pi	opertie	5		Asbestos Results PLM %	Other Fibrous	Non Fibrous PLM %
Field Number Gravimetric	Color DOC	Textu	re 117	Morpl	n Extinction	RI 1	RI D	S Color Col	or, Pleo B	ref Sign Ö	Nher Identity	Chrysotile	PLM % Cellulose	Mineral Filler
Required 2	Homogeneity	T _{Verm} i										Arnosite	Fiberglass	Organic Binders
Recommended	# of Layers	Asber					,,,,,					Other	Other	Vermiculite*
See gravimetric	Color of Layer		ted Yes	No									🗅 Celíulose Ondulose	Other
for results	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. P	T Total PT	%Asb. Or %Ver.	Extinction	
SM-V	DIM.						- Childb d		0.000	100.1101.1			Synthetic High	* If vermiculite is >10% the
See SM-V	l –	0 M		· · · · · · · · · · · · · · · · · · ·						[2	m	V	Birefringence Horse Hair: Scales, Low to Moderate	level of asbestos in a sample might be underestimated.
analysis sheet for results	Comments:	U.	I	L	[<u> </u>	<u> </u>	L					Birefringence	See Note #1.
	Method: 🗆 EL	AP 🗆	EPA		NING OPTI	ON		Q.	c. 🗆					
2 38 Field Number	Stereo	scopic f	Exam				PLM O	ptical P	opertie	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color 600	ん Textu	re	HMorph	n Extinction	Rit	RI I D	S Color Col	or, Pleo 8	ref Sign O	Nher Identity	Chrysotile	Cellulose	(~
Required 🖉	Homogeneity	Vermi	iculite		-			·				Amosite	Fiberglass	Organic Binders
Recommended	# of Layers	Asbe										Other	Other	Vermiculite*
See gravimetric 🗹 analysis sheet	Color of Layer		ted Yes											Other
for results	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4			Slide 7	Slide 8				Cellulose Ondutose Extinction	
SM-V	PIM	Silde 1	SING 2	SHUE 3	Slide 4	Slide 5	Slide 6	Silde /	Since o	Asb./Ver. P	T Total PT	%Asb. Or %Ver,	Synthetic High	* If vermiculite is >10% the
Required 🗋		ত নি									1,		Birefringence	level of asbestos in a sample might be underestimated.
See SM-V 🗔 analysis sheet	Comments:	<u> </u>				l	L	<u> </u>		0	$\square h \sim$		Low to Moderate Birefringence	See Note #1.
for results	the second second	A D []	1 504	T ccan	NING OPTI	<u></u>			~				-	
	Method: 🛛 EL	.AP 🗆] EPA	JLI SCAN	NING OP II			Q.	c . 🗆					<u> </u>
3 39	<u></u>	scopic l				<u></u>	PLMO	ptical P		 S		Asbestos Beculto DLM %	Other Fibrous	Non Fibrous
Field Number	Stereo	scopic I	Exam		n Extinction				opertie		Other Identity	Results PLM %	PLM %	PLM %
	stereo Color_BLA	scopic I XAbxiu	Exam re <u>f f</u>					ptical P	opertie		ther Identity		PLM %	
Field Number Gravimetric	Stereo Color_BLA Homogeneity	scopic I	Exam re <u>f f</u>					ptical P	opertie		ither Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required Recommended See gravimetric	stereo Color_BLA	scopic I XAbxiu	Exam re <u>(((</u> iculite					ptical P	opertie		Nither Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric Required Recommended	Stereo Color_BLA Homogeneity	scopic I Cliexiu L Vermi Asbei	Exam re <u>(((</u> iculite	Morpi				ptical P	opertie		Ither Identity	Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondutose Extinction	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required 2 Recommended 1 See gravimetric 2 analysis sheet	Stereo Color Homogeneity # of Layers	scopic I Cliexiu L Vermi Asbei	Exam re <u>(((</u> iculite stos	Morpi				ptical P	opertie			Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondutose Extinction Fiberglass Isotopic	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required 2 Recommended 3 See gravimetric 2 analysis sheet for results	Stereo Color Homogeneity # of Layers Color of Layer Point Counts Point Counts	Slide 1	Exam re <u>f f</u> iculite stos cted Yes	No	Extinction	RI 1		ptical Pi	or, Pleo B	Asb.Ner. P		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondutiose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral Filter Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM	scopic I Laboratu Laboratu Asber Detec	Exam re <u>f f</u> iculite stos cted Yes	No	Extinction	RI 1		ptical Pi	or, Pleo B	iref Sign O		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondułose Extinction Fiberglass Isotopic Synthetic High	PLM % Mineral Filler Organic Binders Vermicufile* Other 'If vermicufile is >10% the
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM	Scopic I Laster Asber Detec Slide 1	Exam re <u>f f</u> iculite stos cted Yes	No Side 3	Extinction	RI 1		S Color Col	or, Pleo B	Asb.Ner. P		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birdfringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL	Side 1	Exam re stos stos stide 2 Stide 2 LEPA	No Side 3	Extinction Slide 4	RI 1	Ri D:	S Color Col	Slide 8	Asb.Ner. P		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birdfringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL	Scopic I Laster Asber Detec Slide 1	Exam re stos stos stide 2 Stide 2 LEPA	No Slide 3	Extinction Slide 4	Rl 1	Ri II DS	S Color Col	C. D	S Sign O		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birdfringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL	Side 1	Exam re stos stos stod Yes Silde 2 D EPA Exam	No Slide 3	A Extinction	Rl 1	Ri II DS	Side 7	C. D	S Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondutiose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %
Field Number Gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number	Stereo	Slide 1 AP Scopic I AP Cliextu AP	Exam re stos stos stod Yes Silde 2 D EPA Exam	No Slide 3		Rl 1	RI D3	ptical Pr	C. C	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders
Field Number Gravimetric Required Recommended See gravimetric See gravimetric SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required Gravimetric	Stereo	Slide 1 AP Scopic I AP Cliextu AP	Exam re	No Slide 3	Extinction Slide 4 NING OPTI Extinction	RI 1	Ri II Da	Side 7	C. C	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondutiose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required Required Cravimetric	Stereo	Scopic I Verm Asbei Detec Silde 1 0 N Scopic I Scopic I C (textu Asbei C (textu Asbei C (textu	Exam re	No Siide 3	Extinction Slide 4 NING OPTI Extinction	RI 1	Ri II Da	Slide 7	C. C	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Gellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Gellulose Cellulose Cother Gellulose Cother C	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Sm-V Required See SM-V analysis sheet for results Gravimetric Required Gravimetric Required See gravimetric analysis sheet	Stereo	Scopic I Verm Asbei Detec Silde 1 0 N Scopic I Scopic I C (textu Asbei C (textu Asbei C (textu	Exam re	No Siide 3	Extinction Slide 4 NING OPTI Extinction	RI 1	Ri II Da	Slide 7	C. C	iref Sign O		Results PLM % Chrysotile Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondutiose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Recommended See gravimetric See gravimetric Recommended See gravimetric See gravimetric Recommended See gravimetric See	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL Stereo Color Homogeneity # of Layers Color of Layer Point Counts	Slide 1 Classe C	Exam re	No Slide 3	Extinction Slide 4	Rl 1		ptical Pi S Color Col Slide 7 Q. Slide 7	C. C	s		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cellulose Cellulose Cother Cellulose Cellulose Cellulose Cother Cellulose Cellulose Cellulose Cother Cellulose Ce	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Nole #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Gravimetric Field Number Gravimetric Required See gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See gravimetric analysis sheet for results SM-V Required See SM-V	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL Stereo Color Homogeneity # of Layers Color of Layer Point Counts	Slide 1 Classe C	Exam re	No Slide 3	Extinction Slide 4	Rl 1		ptical Pi S Color Col Slide 7 Q. Slide 7	C. C	s		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Gellulose Fiberglass Other Cellulose Fiberglass Other Synthetic High Birefringence Fiberglass Other Synthetic High Birefringence Synthetic High Birefringence Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Nole #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Gravimetric Gravimetric Required Gravimetric Required See gravimetric analysis sheet for results See gravimetric Sanalysis sheet for results See gravimetric See gravimetric See gravimetric See gravimetric See gravimetric See SM-V Required See V Required	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [1] EL Stereo Color [Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; /	Slide 1	Exam re	No Siide 3	Extinction Slide 4 Slide 4 Slide 4	Rl 1 Slide 5 ON Rl 1 Slide 5 Slide 5		ptical PI S Color Col S Solor 7 Slide 7 Slide 7 S Color Col S Color Col	ropertie or, Pleo B Slide 8 C. C. C	s Asb./Ver, P Asb./Ver, P Asb./Ver, P		Results PLM % Chrysotile Other %Asb. Or %Ver, Chrysotile Chrysotile Other %Asb. Or %Ver,	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Cother Fiberglass Cother Horse Statistion Fiberglass Isotopic Horse Hair: Scales, Interfingence Horse Hair: Scales, Interfingence	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Nole #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required See gravimetric analysis sheet for results	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [1] EL Stereo Color [Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; /	Slide 1	Exam re	No Siide 3	Extinction Slide 4 Slide 4 Slide 4 Slide 4 Slide 4 Slide 4	RI1 Slide 5 ON RI1 Slide 5 Slide 5 ON	Ri II D: Slide 6	ptical PI S Color Col Slide 7 Q. Slide 7 SColor Col Slide 7 Q. Slide 7 Q. Slide 7 Q. Slide 7 Strict PI SCOLOR Col Strict PI SCOLOR Col SCOLOR Col SCOLOR Col Strict PI SCOLOR Col SCOLOR COL S	ropertie or, Pleo B Slide 8 C. or, Pleo B C. Slide 8 Slide 8 C. Tropertie C. C. Tropertie C. C. C. C. C. C. C. C.	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cther Cellulose Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiberglass Fiberglass Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiber	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric See gravimetric See gravimetric See gravimetric See gravimetric See SM-V Required See SM-V Required SM-V Required See SM-V Required See SM-V Required See SM-V SM-V Required See SM-V See SM-V SM-V Required See SM-V SM-V Required See SM-V SM-V See SM-V SM-V See SM-V SM-V See SM-V SM-V See SM-V SM-V See SM-V SM-V See SM-V SM-V See SM-V See SM-V SM-V See SM-V S	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL Stereo Color of Layer Point Counts PLM NOB PLM Comments; PLM NOB PLM Comments; PLM NOB PLM Comments; I dethod of the Deter ulk insulation Sam	Side 1 Clearly Control of the second	Exam re	No Silde 3	Extinction Slide 4	RI 1 Slide 5	Ri D: Slide 6	ptical PI S Color Col S Color Col S Slide 7 Q. Slide 7 S Color Col S Color Col	ropertie or, Pleo B Slide 8 C. □ Slide 8 C. □ TROLLE is of samp quires met	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Cellulose Fiberglass Other Gellulose Gother Gellulose Gellulose Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Required See SM-V Required See SM-V Required See SM-V Required See SM-V Required See SM-V Required See SM-V Required See SM-V Required See SM-V Required See SM-V Required Shee SM-V Required See SM-V Required See SM-V Required See SM-V SM-V Required See SM-V Required See SM-V SM-V Required See SM-V SM-V Required See SM-V SM-V Required See SM-V SM-V Required SM-V Required See SM-V SM-V Required See SM-V SM-V Required See SM-V SM-V SM-V Required See SM-V	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method:EL Golor of Layer Point Counts PLM NOB PLM Comments: PLM NOB PLM	Slide 1 O O O O O O O O O O O O O O O O O O O	Exam re	No Siide 3	Extinction Slide 4 Slide 4	RI 1 Slide 5 S	Ri D:	ptical PI S Color Col S Color Color Col S Color	ropertie or, Pleo B Slide 8 C. Slide 8 Slide 8 C. TROLLE is of samp quires met nd may una urfachg may una	s S VHEN PI S Ver. P C S S Ver. P C S S S S S S S S S S S S S S S S S S	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Other %Asbe. Or %Ver.	PLM % Cellulose Fiberglass Other Gellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Cellulose Cellulose Cellulose Gother Cellulose Cellulose Gother Cellulose Gother Gother Gother Getherglass Isotopic Synthetic High Birefringence Gother Gother Gethulose Gother Gother Gother Gotherglass Gother Gother Gotherglass Gother Gothergence Gotherglass Gother Gotherglass Gother Gotherglass Gotherglass Gotherglass Gotherglass Gotherglass Gothergence Go	

-ATENS
ATC

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010

ATC			" Street, 8" FL, 353-8280, Fax: (New York, NY 1 212) 353-3599 (Accreditations; NVLAP 101187-0 ELAP 10879
		BULK A	SBESTOS ANA	LYSIS SHEET		704.00		Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT
	Client / Project TOWN OF NOI Analysis Date 1/27/2022		AD/ 746 PRU	SPECT AVE		t Number Z214N		
	Analysis Date <u>1 /// .</u>	Analyst	<u> </u>		Batch I			
1 41 Field Number	Stereoscopic Exam	······	PLM Optical P			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color BUDGTexture Morph	h Extinction RI 1	RII DS Color Co	lor, Pleo Biref Sig	n Other Identity	Chrysotile	Celluiose	Mineral Filler
	Homogeneity Vermiculite					Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos					Other	Other	Vermiculite*
See gravimetric DP analysis sheet for results	Color of Layer Detected Yes No						Cellulose Ondulose Extinction	Other
SM-V	Point Counts Slide 1 Slide 2 Slide 3	Slide 4 Slide 5	Slide 6 Slide 7	Slide 8 Asb./Ve	er. PT Total PT	%Asb. Or %Ver.	🗆 Fiberglass Isotopic	
Required 🗆	PLM						Synthetic High Birefringence	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🗆	NOB PLM 2 2			C	, m	V	Horse Hair: Scates, Low to Moderate	might be underestimated. See Note #1,
analysis sheet for results	Comments:						Birefringence	
l	Method ELAP EPA 86AN	NING OPTION	Q	. C . 🗆				
2 42 Field Number	Stereoscopic Exam		PLM Optical P	roperties		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color BACLTexture HE Morph	h Extinction RL	RI I DS Color Co	lor, Pleo Biref Sig	n Olher Identity	Chrysotile	Cellulose	
Required 🖌	Homogeneity Vermiculite					Amosite	Fiberglass	Organic Binders
Recommended					- <u> </u>	Other	Other	Vermiculite*
See gravimetric,	# of Layers Asbestos							Other
for results	Color of Layer Detected Yes No		······································				Cellulose Ondulose Extinction	
SM-V	Point Counts Slide 1 Slide 2 Slide 3	Slide 4 Slide 5	Slide 6 Slide 7	Slide 8 Asb./Ve	er. PT Total PT	%Asb. Or %Ver.	🗆 Fiberglass Isotopic	
Required 🛛	PLM						 Synthetic High Birefringence 	 If vermiculite is >10% the level of asbestos in a sample
See SM-V 🗔	NOB PLM 0 M	7		(2 m	$\overline{\mathbf{v}}$	□ Horse Hair: Scales, Low to Moderate	might be underestimated. See Note #1.
analysis sheet							Birefringence	1 1
for results	Comments:			<u> </u>			Direttingence	
for results		NING OPTION	Q	. c . 🗆		· · · · · · · · · · · · · · · · · · ·		
	······	NING OPTION	Q PLM Optical P			Asbestos Results PLM %	Other Fibrous	Non Fibrous PLM %
for results	Method: DELAP DEPA DSCAN	NING OPTION	·····	roperties	n Other Identity	1 1		Non Fibrous PLM %
for results 3 43 Field Number	Method: HELAP EPA SCAN Stereoscopic Exam Color_BUIC texture		PLM Optical P	roperties	n Other Identity	Results PLM %	Other Fibrous PLM %	
for results 3 43 Field Number Gravimetric	Method: Helap EPA SCAN Stereoscopic Exam Color BUDC texture Morph Hornogeneity Vermicutite		PLM Optical P	roperties	n Other Identity	Results PLM %	Other Fibrous PLM %	PLM %
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric	Method: FELAP EPA SCAN Stereoscopic Exam Color BLAC texture Morph Homogeneity Vermiculite		PLM Optical P	roperties	n Other Identify	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass	PLM %
for results 3 43 Field Number Gravimetric Required Recommended	Method: Helap EPA SCAN Stereoscopic Exam Color BUDC texture Morph Hornogeneity Vermicutite		PLM Optical P	roperties	n Other Identity	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondufose Extinction	PLM %Mineral FillerOrganic BindersVermiculite*
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric D analysis sheet	Method: FELAP EPA SCAN Stereoscopic Exam Color BLAC texture Morph Homogeneity Vermiculite		PLM Optical P	roperties		Results PLM %	Other Fibrous PLM % Celiulose Fiberglass Other Cellulose Ondulose Extinction	PLM %Mineral FillerOrganic BindersVermiculite*
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric See gravimetric for results	Method: Image: Color Imag	Extinction Rf 1	PLM Optical P RI DS Color Co	roperties lor, Pleo Biret Sig		Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM %Mineral FillerOrganic BindersVermiculite*
for results	Method: PELAP EPA SCAN Stereoscopic Exam Color DUDCtexture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Morph Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Morph Morph	Extinction Rf 1	PLM Optical P RI DS Color Co	Slide 8 Asb./Ve		Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the
for results 3 43 Field Number Gravimetric Required See gravimetric See gravimetric analysis sheet for results SM-V Required	Method: PELAP EPA SCAN Stereoscopic Exam Color DUDDexture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Morph Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Morph Comments:	A Extinction RI 1	PLM Optical P RI I DS Color Co	roperties lor, Pleo Biret Sig	r. PT Total PT	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Law to Moderate	PLM %Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric See gravimetric SM-V Required SM-V See SM-V analysis sheet for results SM-V Comparing the sheet for results SM-V See SM-V See SM-V SM-V See SM-V	Method: PELAP EPA SCAN Stereoscopic Exam Color DUDDexture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Morph Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Morph Comments:	Extinction Rf 1	PLM Optical P RI I DS Color Co	Slide 8 Asb./Ve	r. PT Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondufose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filter Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
for results	Method: FELAP EPA SCAN Stereoscopic Exam Color Duble Cexture Morph Hornogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Comments: Image: Comments: Image: Comments: Method: ELAP EPA SCAN	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	r. PT Total PT	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM %Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
for results 3 43 Field Number Gravimetric Required See gravimetric See gravimetric See gravimetric SM-V Required See SM-V analysis sheet for results SM-V 4 44	Method: FELAP EPA SCAN Stereoscopic Exam Color Duble Cexture Morph Hornogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Comments: Image: Comments: Image: Comments: Method: ELAP EPA SCAN	A Extinction RI 1	PLM Optical P	roperties	r. PT Total PT	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous	PLM % Mineral Filter Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric See gravimetric for results SM-V Required See SM-V analysis sheet for results 4 44 Field Number Field Number	Method: FELAP EPA SCAN Stereoscopic Exam Color Bubble Cexture Morpi Homogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Comments: Image: Comments: Image: Comments: Method: ELAP EPA Image: Comments:	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	r. PT Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondufose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
for results	Method: FELAP EPA SCAN Stereoscopic Exam Color Dubble Skture Morph Hornogeneity Vermiculite Image: Skture Morph Hornogeneity Vermiculite Image: Skture Image: Skture Image: Skture Hornogeneity Vermiculite Image: Skture Image: Skture <t< td=""><td>Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5</td><td>PLM Optical P</td><td>roperties</td><td>r. PT Total PT</td><td>Results PLM % Chrysotile Other Other %Asb. Or %Ver. </td><td>Other Fibrous PLM % Cellulose Other Other Other Other Other Cellulose</td><td>PLM %Mineral FillerOrganic BindersVermiculite*Other ^ If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1Non Fibrous PLM %Mineral Filler</td></t<>	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	r. PT Total PT	Results PLM % Chrysotile Other Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Other Other Other Cellulose	PLM %Mineral FillerOrganic BindersVermiculite*Other ^ If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1Non Fibrous PLM %Mineral Filler
for results	Method: PELAP EPA SCAN Stereoscopic Exam Color DUD texture Morph Homogeneity Vermiculite Image: Color of Layer Asbestos Point Counts Slide 1 Slide 2 Slide 3 PLM Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Detected Yes No NOB PLM Morph Image: Color Counts Slide 1 Slide 2 Slide 3 PLM Morph Image: Color Counts Slide 1 Slide 2 Slide 3 PLM Morph Image: Color Counts EPA Image: Color Counts Image: Color Counts Method: ELAP EPA Image: Color Counts Image: Color Counts Image: Color Counts Method: ELAP EPA Image: Color Counts Image: Color Counts Image: Color Counts Method: ELAP EPA Image: Color Counts Image: Color Counts Image: Color Counts Image: Color Counts Homogeneity Vermiculite Image: Color Counts Im	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	r. PT Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Fiberglass Other □ Cellulose Ondufose Extinction □ Fiberglass Isotopic □ Synthetic High Birefringence □ Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	PLM %Mineral FillerOrganic BindersOtherOtherOtherOtherOtherOtherOther
for results	Method: FELAP EPA SCAN Stereoscopic Exam Color Bubble Cexture Morph Homogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Stide 1 Stide 2 Stide 3 PLM Detected Yes No Point Counts Stide 1 Stide 2 Stide 3 PLM Detected Yes No Image: Color of Layer Detected Yes No Comments: Method: ELAP EPA SCAN Stereoscopic Exam Image: Color Morph Image: Color Morph Homogeneity Verniculite Image: Color of Layer Asbestos Image: Color of Layer Detected Yes No	n Extinction RI 1	PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I DS Color Co	roperties	n Other Identity	Results PLM % Chrysotile Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Cellulose Other	PLM %Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1Non Fibrous PLM %Mineral FillerOrganic BindersVermiculite*
for results	Method: PELAP EPA SCAN Stereoscopic Exam Color DUD texture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Stereoscopic Exam Comments: Method: EPA SCAN Stereoscopic Exam Morph Cotor Mathematical Texture Morph Homogeneity Vermiculite Morph Homogeneity Vermiculite Morph Hof Layers Asbestos Morph Point Counts Slide 1 Slide 2 Slide 3	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	n Other Identity	Results PLM % Chrysotile Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Dother Fibrous PLM % Cellulose Other Fibrous PLM % Cellulose Other	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other
for results 3 43 Field Number Gravimetric Required P Recommended D See gravimetric P analysis sheet for results SM-V Required See SM-V analysis sheet for results S 4 44 Field Number Gravimetric Gravimetric Required See gravimetric Required See gravimetric Teanalysis sheet for results See gravimetric	Method: PELAP EPA SCAN Stereoscopic Exam Color DUD texture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Stereoscopic Exam Comments: Method: EPA SCAN Stereoscopic Exam Morph Morph Color Method: Texture Morph Homogeneity Vermiculite Morph Homogeneity Vermiculite Morph Hof Layers Asbestos Morph Point Counts Slide 1 Slide 2 Slide 3 PLM Detected Yes No Morph Homogeneity Vermiculite Stereoscopic Stereoscopic Stereoscopic Homogeneity Vermiculite Stereoscopic Stereoscopic Stereoscopic Stereoscopic Homogeneity Vermiculite Stereoscopic	n Extinction RI 1	PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I DS Color Co	roperties	n Other Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Other Other	PLM %
for results	Method: PELAP EPA SCAN Stereoscopic Exam Color Dubble Cexture Morph Homogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Detected Yes No NOB PLM Image: Color of Layer EPA Image: Color of Layer NOB PLM Image: Color of Layer EPA Image: Color of Layer Method: ELAP EPA Image: Color of Layer Method: ELAP EPA Image: Color of Layer Method: ELAP EPA Image: Color of Layer Hornogeneity Vermiculite Image: Color of Layer Image: Color of Layer Hornogeneity Vermiculite Image: Color of Layer Image: Color of Layer Image: Color of Layer Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Color of Layer Image: Color of Layer Image: Color of Layer NOB PLM Image: Color of Layer Image: Color of Layer Image: Color of Layer Image: Color of Layer Image: Co	n Extinction RI 1	PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I DS Color Co	roperties	n Other Identity	Results PLM % Chrysotile Arnosite Other KASb. Or %Ver. KASb. Or %Ver. Chrysotile Arnosite Chrysotile Chrysotile Other	Other Fibrous PLM % Cellulose Other Differ Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Differ Fibrous PLM % Cellulose Clulose Lordow Moderate	PLM %Mineral FilterOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %Mineral FilterOrganic BindersVermiculite*Other * If vermiculite is >10% the
for results 3 43 Field Number Gravimetric Required P Recommended D See gravimetric P analysis sheet for results SM-V Required analysis sheet for results SM-V Required analysis sheet for results Gravimetric Required Gravimetric Required See gravimetric Gravimetric See gravimetric Sheet SM-V Required See gravimetric Sheet SM-V Required	Method: PELAP EPA SCAN Stereoscopic Exam Color Dubble Cexture Morph Homogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Detected Yes No NOB PLM Image: Color of Layer EPA Detected Yes NOB PLM Image: Color of Layer EPA Detected Yes NOB PLM Image: Color of Layer Image: Color of Layer Morph Color Image: Color of Layer Morph Image: Color of Layer Morph Homogeneity Vermiculite Image: Color of Layer Morph Homogeneity Vermiculite Image: Color of Layer Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Color of Layer Image: Col	Extinction RI 1	PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I SColor Co	roperties	n Other Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Other Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Other Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM %
for results	Method: FELAP Stereoscopic Exam Color Build Stereoscopic Exam Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Homogeneity Vermiculite Homogeneity Vermiculite Homogeneity Vermiculite Homogeneity Vermiculite Homogeneity Vermiculite Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM <	A Extinction RI I A Extinction RI I B Extinction RI I Slide 4 Slide 5 NING OPTION B Extinction Slide 4 Slide 5 Slide 5 Slide 5 Slide 4 Slide 5	PLM Optical P RI II DS Color Co Slide 6 Slide 7 PLM Optical P RI II DS Color Co Slide 6 Slide 7 Slide 6 Slide 7 Color Co Slide 6 Slide 7	roperties	n Other Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Differ Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Cherr Cellulose Cherr Dother Synthetic High Birefringence Cellulose Cherr Low to Moderate Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM %

Asbestos in Bulk Insulation Samples - 4 Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8 40 CFR

(SM-V). For samples containing >10% verniculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantific of verniculite. This method does not remove verniculite and may underestimate the level of asbestos present in a sample containing greater than 10% verniculite." Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing verniculite (SM-V) and it utilizes a 400 point count method. LiLAB_FORMS.DOCUMENTS AND RECORDSIOPTICALASBESTOS_BULKASBESTOS BULK FORMS 2022/BULK ASBESTOS ANALYSIS SHEET_FORM #82 doc Page _____ of ______ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #82



ATC Group Services LLC GRAVIMETRIC (NOB) ANALYSIS SHEET

Client/I	Project:	TOWN NO	RTH HEPS	ſEAD		PLM Batch #	22-138				Start Date:	1/28/2022
NOB PL	M PREP:	MG)/EV	NOB PLM Analyst:			SH	NOB TEM Analyst:		RP	Date Completed:	1/31/2022
	5	11	12	9	13			M	etho	ds		
Field #	% Organic	Non Asb Residue % NFr	% Carbonate	Asbestos Types or Vermiculite	% Total Asbestos or Vermiculite		Notes	PREP	NOE Plm	·		
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.



ATC Group Services LLC GRAVIMETRIC (NOB) ANALYSIS SHEET

.

Client/I	Project:	TOWN NO	RTH HEPS	TEAD		PLM Batch #	22-138				Start Date:	1/28/2022
NOB PLI	M PREP:	MG)/EV	NOB PLM Analyst:			SH	NOB TEM Analyst:		RP	Date Completed:	1/31/2022
	5	11	12	9	13		KANG ALIKA GENES DA KAN	M	ethod	s		i
Field #	% Organic	Non Asb Residue % NFr	% Carbonate	Asbestos Types or Vermiculite	% Total Asbestos or Vermiculite		Notes	PREP	NOB PEN			
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				~	~ \	<u>·</u>		
43	82.6	12.6	4.8	ND				~	<u> </u>			
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.

ATLAS ATC



ATLAS ATC	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615	PHOTOGRAPHIC	
	SITE LOCATION: 746 Pro	ospect Avenue, Westbury, NY 11590	ATC PROJECT # Z214NH0004
Town of North Hempstead Community Development Agency		, 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.			



ATLAS	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615	PHOTOGRAPHIC	CLOG
CLIENT NAME: Town of North Hempstead	SITE LOCATION: 746 Pro	ospect Avenue, Westbury, NY 11590	ATC PROJECT # Z214NH0004
Community Development Agency	UNITS TESTED: Unit 1, 2	2, Ground FL Retail Space	





ATLAS ATC	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615	PHOTOGRAPHIC	
CLIENT NAME:	SITE LOCATION 746 Pro	ospect Avenue, Westbury, NY 11590	ATC PROJECT # Z214NH0004
Town of North Hempstead Community Development			22141110004
Agency	UNITS TESTED: Unit 1, 2	, Ground FL Retail Space	
		· · · · · · · · · · · · · · · · · · ·	
Photo No. Date Taken: 5 08/17/2021			
Description:	The second		
Ground Floor Retail			
Space.			
	1 State State		A
Wall plaster; white and	The second second	The second second second second second	23.42
brown coats.			5
	the second second		S. F. Mar
	a Brank		2
			the second
	Con term		and the second second
	A A A		
	1 Contraction		
			The second second



ATLAS	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615	PHOTOGRAPHIC	LOG
CLIENT NAME: Town of North Hempstead	SITE LOCATION: 746 Pro	ospect Avenue, Westbury, NY 11590	ATC PROJECT # Z214NH0004
Community Development	UNITS TESTED: Unit 1, 2	, Ground FL Retail Space	





CLIENT NAME: Town of North Hempstead	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615 SITE LOCATION: 746 Pro	PHOTOGRAPHIC ospect Avenue, Westbury, NY 11590	CLOG ATC PROJECT # Z214NH0004
Community Development Agency	UNITS TESTED: Unit 1, 2	, Ground FL Retail Space	
Photo No. Date Taken: 08/17/2021 Description: 2nd Floor Apartment; Kitchen Gypsum wallboard and associated joint compound. and			
Photo No. 10Date Taken: 08/17/2021Description:2nd Floor Unit; Bathroom			

Ceramic wall and floor time tile grout and thinset mortar.



Town of North Hempstead Community Development Agency SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590 Z214NH0004 VINTS TESTED: Unit 1, 2, Ground FL Retail Space Photo No. Date Taken: 08/17/2021 Description: 2nd Floor Unit; Living Room Gypsum wallboard and associated joint compound. 12"x12" brown self-adhesive VFT; 1st layer.	ATLAS ATC CLIENT NAME:	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615	PHOTOGRAPHIC	LOG
11 08/17/2021 Description: 2nd Floor Unit; Living Room Gypsum wallboard and associated joint compound. 12"x12" brown self-adhesive VFT; 1st	Community Development		· · · ·	Z214NH0004
	11 08/17/2021 Description: 2nd Floor Unit; Living Room Gypsum wallboard and associated joint compound. 12"x12" brown self-adhesive VFT; 1st			

Photo No.	Date Taken:				
12	08/17/2021				
Description:					
2 nd Floor Unit; Hallway					
1 st layer 12"x self-adhesive 2 nd layer 12"x self-adhesive	VFT and 12" beige				



CLIENT NAME: Town of North Hempstead Community Development		PHOTOGRAPHIC ospect Avenue, Westbury, NY 11590	CLOG ATC PROJECT # Z214NH0004
Agency	UNITS TESTED: Unit 1, 2	2, Ground FL Retail Space	
Photo No.Date Taken:1308/17/2021Description:2nd Floor Unit;			
Bedroom Gypsum wallboard and associated joint compound.			



ATLAS ATC



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 a sbestos or a sbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the a sbestos project worksite. This license verifies that all persons employed by the licensee on an a sbestos 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.

SH 432 (8/12)

Amy Phillips, Director For the Commissioner of Labor NEW YORK STATE DEPARTMENT OF HEALTH

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

NY Lab Id No: 10879

ikana

)D¥

49. ju

leicit

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE Issued in accordance with and pursuant to section 502 Public Health Law of New York State

dhhh

let

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

*

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 Non-Friable Material Item 198.1 of Manual EPA 600/M4/82/020 Asbestos in Non-Friable Material-PLM Asbestos in Non-Friable Material-TEM Asbestos-Vermiculite-Containing Material Item 198.8 of Manual

AIN

Serial No.: 62825

Property of the New York State Department of Health. Certificates are valid only at the address shown must be conspictiously 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.

Page 1 of 1

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER /// 1.7 4 Expires 12:01 AM April 01, 2022 Issued April 01, 2021 <u>400</u> 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 COPV ٩đ adu. NY Lab Id No: 10879 ATC GROUP SERVICES LLC 104 EAST 25TH STREET 8TH FLOOR _NEW YORK, NY 10010 and the is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS All approved subcategories and/or analytes are listed below: 100PMiscellaneous Asbestos 40 CFR 763 APX A No. 11 NIOSH 7402 NIOSH 7400 A RULES Fibers a ce i apv <u>o</u>ř ra:// AOV<u>a</u>df <u>a</u>qv et. Ter ÌÌV A00d0Property 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. aanti

Page 1 of 1



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

\checkmark	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.

Bet Bair

Elizabeth Bair Chairperson, Analytical Accreditation Board

Revision 17: 09/11/2018

Cheryl J. Marton

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

Date Issued: 08/30/2019



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

ATC Group Services LLC

Laboratory ID: LAP-100229

Issue Date: 08/30/2019

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

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: <u>http://www.aihaaccreditedlabs.org</u>





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

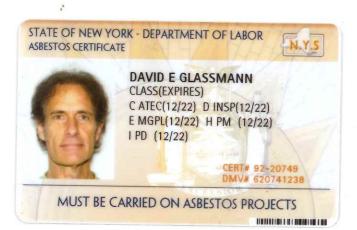
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-07-01 through 2017-06-30

Effective Dates



For the National Voluntary Laboratory Accreditation Program





EYES HAZ LO 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



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

AUGUST 2022

TABLE OF CONTENTS

1.0	INTRODUCTION	.1
2.0	SURVEY AREA DISCUSSION	.1
3.0	ASBESTOS SAMPLING AND ANALYTICAL METHODOLOGY	.1
3.1	Sampling Rationale	.1
3.2	Analytical Methodology	.2
4.0	ASBESTOS SUMMARY	.2
4.1	Sampling Results	.2
4.2	Approximate Totals by Type of ACM	.3
5.0	CONCLUSIONS AND RECOMMENDATIONS	.4
6.0	LIMITATIONS	.4

TABLES

Table 1 – Asbestos Sampling and Analysis Summary

Table 2 - Asbestos-Containing Materials by Type and Location

APPENDICES

- Appendix A AKRF's Asbestos and Lead Handling Licenses and Worker Certifications
- Appendix B Previous Report
- Appendix C Laboratory Certifications (ELAP)
- Appendix D Asbestos and Lead Laboratory Analyses and Chains of Custody
- Appendix E Asbestos Location Sketches

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.

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

Table 1Asbestos Sampling and Analysis Summary746 Prospect AvenueNew Cassel, NY

Sample Number	Material	Location	Asbestos Percentage
5C	Parapet Cap and Penetration Tar	Exterior – 2 nd Floor Roof Parapets and Penetrations	NA/PS
6A	Yellow FT Mastic	1 st Floor – Floors	NAD
6B	Yellow FT Mastic	1 st Floor – Floors	NAD
7A	Black FT Mastic	1 st Floor – Floors	NAD
7B	Black FT Mastic	1 st Floor – Floors	NAD
8A	Leveling Compound	1 st Floor – Floors	NAD
8B	Leveling Compound	1 st Floor – Floors	NAD
9A	Flooring Mortar	1 st Floor – Floors	NAD
9B	Flooring Mortar	1 st Floor – Floors	NAD
10A	12x12" Black FT – 1 st Layer	1 st Floor – Floors	NAD
10B	12x12" Black FT – 1 st Layer	1 st Floor – Floors	NAD
11A	12x12" White FT – 1 st Layer	1 st Floor – Floors	NAD
11B	12x12" White FT – 1 st Layer	1 st Floor – Floors	NAD
12A	Grey with Spec $FT - 2^{nd}$ Layer	1 st Floor – Floors	NAD
12B	Grey with Spec $FT - 2^{nd}$ Layer	1 st Floor – Floors	NAD
13A	White with Spec $FT - 2^{nd}$ Layer	1 st Floor – Floors	NAD
13B	White with Spec $FT - 2^{nd}$ Layer	1 st Floor – Floors	NAD
14A	White $FT - 3^{rd}$ Layer	1 st Floor – Floors	NAD
14B	White FT – 3 rd Layer	1 st 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 – 2 nd Floor Roof Parapets on Brick	250 SF	
Tar	2	Exterior – 2 nd Floor Roof Parapet Caps and Roof Penetrations	150LF	
ATC Results				
Brick Coating	3	Interior – Brick Coating Behind Drywall	2,500 SF	

Note: SF = Square FeetLF = 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.

SH 432 (8/12)

Amy Phillips, Director For the Commissioner of Labor



Stephen P. Schmid

Inspector 12-13059

Investigator 143524

the Shul

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:



February 4, 2022



TABLE OF CONTENTS

PAGE

EXECU	ITIVE SU	JMMARY	iii
	ES 1	Asbestos Sampling Summary	iii
1.0	SCOPE	OF SERVICES	1
2.0	ASBES	TOS SURVEY	1
		Asbestos Threshold Levels	
	2.2	Analytical Methods	1
	2.3	Asbestos Sampling Results	2
3.0	LIMITA	TIONS OF THE INVESTIGATION	4
4.0	CERTIF	FICATION OF RESULTS	5
4.0	CERTIF	FICATION OF RESULTS	

TABLES AND FIGURES:

Table ES 1:	Identified Asbestos-Containing Materials
Table 2.3.1	January 26, 2022, Asbestos Survey Analytical Results

APPENDICES:

Appendix A:	Asbestos Bulk Sampling Analytical Results, Chain of Custody Documentation,
	Sample Locations Site Plan

- Appendix B: Photographic Log
- Appendix C: Report Certifications



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.

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

Table ES 1: Identified Asbestos-Containing Materials

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.

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

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 (%)
5	12	1 st FL retail space	Spot black wall mastic	ND	ND
6	13	1 st FL retail space	Ceramic wall tile grout	ND	N/A
0	14	1 st FL retail space	Ceramic wall tile grout	ND	N/A
7	15	1 st FL retail space	Ceramic wall tile thinset mortar	ND	N/A
7	16	1 st FL retail space	Ceramic wall tile thinset mortar	ND	N/A
8	17	1 st Floor	Brick wall coating	8% Chrysotile	5.1% Chrysotile
o	18	1 st Floor	Brick wall coating	PS	PS
9	19	2 nd FL Apt. Bathroom	Wall tile grout	ND	N/A
9	20	2 nd FL Apt. Bathroom	Wall tile grout	ND	N/A
10	21	2 nd FL Apt. Bathroom	Wall tile thinset mortar	ND	N/A
10	22	2 nd FL Apt. Bathroom	Wall tile thinset mortar	ND	N/A
11	23	2 nd FL Apt. Bathroom	Floor tile grout	ND	N/A
11	24	2 nd FL Apt. Bathroom	Floor tile grout	ND	N/A
10	25	2 nd FL Apt. Bathroom	Floor tile thinset mortar	ND	N/A
12	26	2 nd FL Apt. Bathroom	Floor tile thinset mortar	ND	N/A
10	27 2 nd FL Apt. Living Room 12"x12" brown self-adhesive		12"x12" brown self-adhesive VFT; 1 st layer	ND	ND
13	28	2 nd FL Apt. Living Room	12"x12" brown colf adhasiya	ND	ND
	29	2 nd FL Apt.	12"x12" beige self-adhesive VFT; 2 nd layer	ND	ND
14	30	2 nd FL Apt.	12"x12" beige self-adhesive VFT; 2 nd 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
10	34	Exterior; West elevation	Brick mortar cement	ND	N/A
47	35	1 st FL level; North elevation	Exterior window caulk	ND	ND
17	36	1 st FL level; North elevation	Exterior window caulk	ND	ND
18	37	2 nd FL; South elevation	Exterior window caulk	ND	ND
10	38	2 nd FL; West elevation	Exterior window caulk	ND	ND
19	39	Lower roof	Roof membrane; layer 1	ND	ND
19	40	Lower roof	Roof membrane; layer 1	ND	ND
20	41	Lower roof	Roof membrane tar paper - layer 2	ND	ND
20	42 Lower roof Roof membrane tar		Roof membrane tar paper - layer 2	ND	ND
21	43	Lower roof	Roof flashing	ND	ND
21	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.

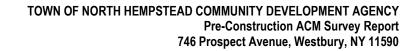
Imsu

Pavel Mashenko NYS DOL Certified Asbestos Inspector Sr. Project Manager

Francis Pierre Operations Manager

February 4, 2022

February 4, 2022



ATLAS ATC

APPENDIX A

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



SITE PLAN

Page 1 of 3

	Hempstead Comm. Development Agency Pr	roject # Z214NH0004 Insp. Date: 1/26/2022
	ct Avenue, Westbury, NY 11590	
Homeowner:	David Glassmann	
Inspector's Name: Note: <u>1St Furok</u>		Signature: 1/200
		~
		have been a second second
	5,8 .0	
	sto who who	Back Brack
	a hand	have have
	CONT	13,15 - Curren Mahala
	5	13105 - Curren of go maka
	T	14,16
	E	
	F mp/se	- I Gude Work of
	331	17 W 6 G
	12.	18 4
	- N	×34
	R	ETAIL Space
		Space
		7,10
		10
1		
	L	
X	36	135
IN		Not drawn to scale



SITE PLAN

Poge 2013

Client:	Town of North Hempstead	Comm. Development Agend	Project # Z214NH0004 In	sp. Date: 1/26/2022
Site Address:	746 Prospect Avenue	, Westbury, NY 11590		
Homeowner:				$\gamma \gamma$
Inspector's Nar	me:	David Glassmann	Signature:	Jan
Note: 2 ⁿ	FLODA			/ //
		39,41	40,42	
		LOWER		
		LOWER		
		02.000		
	t	37,94	43	
	DN TDI			
		KITCHEN	BATH	
		KIICHEM	1 10	21
	17		ink p	23,25
	i cu		24,26	
	1 A		- 20,22	2
	P	×27;	BATH 18, 24,26 20,22 20,22	
		~!j	438	
	The second se			
	BEDH	S LIVING- Room		
	μυ	Koom		
		6	2,4	
		*28,30	K	
		142090	CL	
		VII		
	н. »»		N HT	
	BED	& BED#	-	
	1, a)			
	V. Lie	3E	<u> </u>	
Γ	1			
				Not drawn to scale



SITE PLAN

Page 3of 3

Town of North Hempste	ead Comm. Development Agency	Project # Z214NH0004 Insp. Date: 1/26/2022
746 Prospect Aver	nue, Westbury, NY 11590	
ame: BASEMENT	David Glassmann	Signature:
	BASEMENT	
131 132		
	746 Prospect Aver	BASEMENT

	1	
Page _		of

3

-	F	-	AS	
-	51	157	13	

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

BATCH #: 22-138 **PROJECT INFORMATION** 4a. Project Manager: 1. Client: 2. Project Name: 3a. Atlas Project No.: Pre-Construction ACM Survey Z214NH0004 P. Mashenko TOWN OF NORTH HEMPSTEAD 2a. Project Address: 3b. Task No.: 4b. Inspector: 746 Prospect Avenue, Westbury, NY 11590 0001 David Glassmann 9. Comment s (Field) 5. Date: 6. Homeowner Name: 8. Turnaround Time: o STAT 024 HRS 072 HRS 0OTHER 06 HRS 048 HRS 0NORMAL_____ Stop @ 1st Pos. for each HA 1/26/2022 NOB->TEM. Email results to: 7. Sampling Areas: pavel.mashenko@oneatlas.com Interior, Exterior

BULK SAMPLE LOCATION

10. Homogenous	1000	12. Material	13. Thermal	14.	Sample Location	15. Material Total	16. Asbestos
	Sample ID	material	System,			Qty.	Content
	No.	1	TSI, Misc.	Floor	Sample Coordinates	(LF, SF, PCS)	(Type & %)
1	1	gipsum board	MISC)	Retailspace	3000 SP	
V	2			2	Retailspace Residential		
2	3	Jant Compound		1	Retail Space Residential	8-00.57	
ł	4	k '	\downarrow	r	Residential		
3	5	Wall plaster - White cont	SM	1	Retar Space	350 54	
	6)	1			
Ŷ	1	\checkmark					
Ч	Ś	· brown total				350SF	
-	9						
¥.	10	V V	V		с. с.		
5	11	Spot Black Wall Mashe	MISC		west which	3SP	
V	12	d'	1	I.	1		
6	ß	Cerame wall the growt		1	- WEST WALL	140 54	
¥	14						
7	15	Thinset				11/0 SF	2
ł)6						
g	17	Black COATING ON WALL	1		- EAST WALL	800 sF	
V	18		1	4	+ - WEST WALL		

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submitta	
I. David Glassmann	Thehore	180	Filler 8-4	1/27/202-	12=02,Mu	Field Walk In	
	11.4	1.0	0	1.1.1.1.1.1.1	- 10-00/10	US Mail	14.4
Ш. /						Fed-Ex	
III.						Other	

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By: FALM will Unin	1/27/202	8 jer	
24b. Analyzed By: MELMAL	1/29/22	11-A	-
24c. QC By:	-(· · (
TEN a Defegoallier PM 1/2	31/27 1	sie	

Page 2 of 3



ATLAS BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

		P	ROJECT INFORMA	ATION	BATCH#: 42-138
1. Client:		2. Project Name:		3a. Atlas Project No.:	4a. Project Manager:
TOWN OF NORTH HEMPSTEAD Pre-Con		Pre-Construction AC	M 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	- 202 (SOLION)		STAT / 24 HRS 072 HR		Stop @ 1 st Pos. for each HA
1/20/2022	7. Sampling Areas:		0 STAT 24 HRS 072 06 HRS 048 HRS 0 NC	DRMAL	NOB->TEM. Email results to:
	Interior, Exterior				pavel.mashenko@oneatlas.com

BULK SAMPLE LOCATION

omogenous Bulk Material Thermal Sample Location Material Total Asbestos Area No. Sample ID Qty. Content	sula ji		LOCATION					
Area No. Sample D No. 19 19 Cevance well the growt msc 2 BATHRODM 110 st 10 21 1 1 10 st 10 21 1 1 10 st 10 21 1 10 st 10 22 1 1 10 st 10 24 1 1 10 st 10 25 1 10 st 10 25 1 10 st 10 26 1 1 10 st 10 27 10 st 10 28 1 10 st 10 28 1 10 st 10 st 1	10.				14.			
Marken Me. Top, Floor Sample Coordinates (LF, SF, Type & ?) 9 19 Cerame well the growt Misc. 2 BATHADDM 110 st 10 20 1 1 1 1 1 10 21 1 1 1 1 11 23 Carence floor 110 st 10 12 24 1 1 1 13 27 122 its 10 1 13 27 122 its 110 st 10 13 27 122 its 110 st 10 13 27 122 its 110 st 10 14 24 1 10 10 13 27 122 its 10 st 10 14 29 12 its 10 st 10 st 13 27 122 its 10 st 10 st 14 29 10 st 11 st 10 st 17 29 12 st 10 st 10 st 15 31 10 st 10 st 10 st 15 31 10 st 10 st 10 st 16 33 37 st 10 st 10 st <td>Homogenous</td> <td></td> <td>Material</td> <td></td> <td></td> <td>Sample Location</td> <td></td> <td></td>	Homogenous		Material			Sample Location		
Misc Misc Misc PCS Misc 9 19 Cerame wall the growt Misc 2 BATHBOOM 110 st 10 20 1 1 1 1 10 st 10 20 1 1 1 1 11 20 1 1 1 10 st 11 20 1 1 1 10 st 11 20 1 1 1 10 st 12 24 1 1 10 st 13 27 12 st 10 st 10 st 14 28 10 st 10 st 10 st 14 29 12 st 10 st 10 st 15 31 10 st 10 st 10 st 15 31 10 st 10 st 10 st 16 33 37 st 10 st <	Area No.	Sample ID						
9 19 Cerramic well the growt Misc 2 Barth Room 110 sc 10 20 1 1 1 10 sc 10 21 1 1 10 sc 10 sc 11 23 Caranic flar file growt 60 sc 60 sc 11 23 Caranic flar file growt 60 sc 12 24 1 60 sc 13 27 12 n 1 14 26 1 1 13 27 12 n 1 14 26 1 1 13 27 12 n 1 14 29 12 n 1 1 17 30 10 n 1 1 1 15 31 10 n 1 1 1 1 16 33 33 n 1 1 1 1 <td< td=""><td></td><td>No.</td><td></td><td>TSI,</td><td>Floor</td><td>Sample Coordinates</td><td></td><td>(Type & %)</td></td<>		No.		TSI,	Floor	Sample Coordinates		(Type & %)
1 11 Certaine Work in grant 11 10 21 1 1 11 23 Certaine floor file grant 60 sp 12 24 1 60 sp 13 24 1 1 13 27 12 in file grant 60 sp 13 24 1 1 13 27 12 in file grant 60 sp 13 24 1 1 13 24 1 1 13 27 12 in file grant 1 13 26 1 1 14 24 1 1 15 37 12 in file grant 1 17 29 12 in file grant 1 17 35 10 or file layer 7 1 16 33 37 ick March 12 1 17 35 10 or file layer 7 1 17 35 10 or file layer 7 1 17 35 10 or file layer 7 1				Misc.			PCS)	
1 11 Certaine Work in grant 11 10 21 1 1 11 23 Certaine floor file grant 60 sp 12 24 1 60 sp 13 24 1 1 13 27 12 in file grant 60 sp 13 24 1 1 13 27 12 in file grant 60 sp 13 24 1 1 13 24 1 1 13 27 12 in file grant 1 13 26 1 1 14 24 1 1 15 37 12 in file grant 1 17 29 12 in file grant 1 17 35 10 or file layer 7 1 16 33 37 ick March 12 1 17 35 10 or file layer 7 1 17 35 10 or file layer 7 1 17 35 10 or file layer 7 1	9	ia		10. 11	2	D A.	110	
10 21 1	1	17	Ceramic wall the growt	MISC	J	DATHKOOM	1050	
10 21 Ausset 110 sr 11 33 Cavenie floor file growt 60 sr 11 33 Cavenie floor file growt 60 sr 12 24 1 60 sr 13 24 1 10 13 27 12 12 13 27 12 12 13 27 12 12 13 27 12 12 13 27 12 12 14 26 12 12 15 37 12 12 14 28 12 12 15 31 12 12 15 31 12 12 15 31 12 12 16 33 37 14 16 33 37 14 17 35 12 14 17 35 12 12 17 35 12 12 17 35 12					4	SAUT		
10 21 Ausset 110 sr 11 33 Cavenie floor file growt 60 sr 11 33 Cavenie floor file growt 60 sr 12 24 1 60 sr 13 24 1 10 13 27 12 12 13 27 12 12 13 27 12 12 13 27 12 12 13 27 12 12 14 26 12 12 15 37 12 12 14 28 12 12 15 31 12 12 15 31 12 12 15 31 12 12 16 33 37 14 16 33 37 14 17 35 12 14 17 35 12 12 17 35 12 12 17 35 12	V	20		1		1		
1 20 1 20 1 23 Covenue floor file grant 24 1 24 1 2 1 24 1		du			++			
1 20 1 20 1 23 Covenue floor file grant 24 1 24 1 2 1 24 1	10	0			11		11000	
11 23 Cavenye floor file growt 60 sp 12 24 1 60 sp 12 25 1 60 sp 13 27 12° h" Brain self-adhenive 60 sp 13 27 12° h" Brain self-adhenive 600 sp 13 27 12° h" Brain self-adhenive 600 sp 14 29 12° h" Beige ceff-adhesive 600 sp 14 29 12° h" Beige ceff-adhesive 600 sp 14 30 100 r file-layer 7 600 sp 15 31 Window glaze 8 seemt Basemetht-East-one Numbon 2 sp 15 31 North 2 16 33 3 rick Morth 0 sp 16 33 3 rick Morth 8 st 17 35 Beten sr Window cewilk 1 North 8 st	10	al	Thuse				11036	
11 23 Cavenye floor file growt 60 sp 12 24 1 60 sp 12 25 1 60 sp 13 27 12° h" Brain self-adhenive 60 sp 13 27 12° h" Brain self-adhenive 600 sp 13 27 12° h" Brain self-adhenive 600 sp 14 29 12° h" Beige ceff-adhesive 600 sp 14 29 12° h" Beige ceff-adhesive 600 sp 14 30 100 r file-layer 7 600 sp 15 31 Window glaze 8 seemt Basemetht-East-one Numbon 2 sp 15 31 North 2 16 33 3 rick Morth 0 sp 16 33 3 rick Morth 8 st 17 35 Beten sr Window cewilk 1 North 8 st		00						
11 23 Cavenye floor file growt 60 sp 12 24 1 60 sp 12 25 1 60 sp 13 27 12° h" Brain self-adhenive 60 sp 13 27 12° h" Brain self-adhenive 600 sp 13 27 12° h" Brain self-adhenive 600 sp 14 29 12° h" Beige ceff-adhesive 600 sp 14 29 12° h" Beige ceff-adhesive 600 sp 14 30 100 r file-layer 7 600 sp 15 31 Window glaze 8 seemt Basemetht-East-one Numbon 2 sp 15 31 North 2 16 33 3 rick Morth 0 sp 16 33 3 rick Morth 8 st 17 35 Beten sr Window cewilk 1 North 8 st	V	20						
12 24 12 25 1 26 1 36 1 36 1 36 1 22/12 Brain self-adherive 1 36 1 2/2 Living Room 1 2/2 Construction 1 2/2 Living Room 1 2/2 Construction 1 30 Mindow glaze 1 32 V 1 32 V 1 33 Brick Month Could V 1 34 V 1 North Struction 1 34 V 1 North Struction 1 35 Extense Window Could 1 North Struction 1 35 Struction 1 36 Struction 1 36 Struction 1 36 Struction 1 37 Struction 1 36 Struction 1 36 Struction 1 37 Struction 1 36 Struction 1 36 Struction 1 37 Struction 1 36 Struction 1 36 Struction 1 36 Struction 1 36 Struction 1 36 Struction 1 37 Struction 1 37 Struction 1 36 Struction 1 37 Struction 1 36 Struction 1 37 Struction 1 38 Struction 1 38 Struction			0 11 12					
12 24 12 25 1 26 1 36 1 36 1 36 1 22/12 Brain self-adherive 1 36 1 2/2 Living Room 1 2/2 Construction 1 2/2 Living Room 1 2/2 Construction 1 30 Mindow glaze 1 32 V 1 32 V 1 33 Brick Month Could V 1 34 V 1 North Struction 1 34 V 1 North Struction 1 35 Extense Window Could 1 North Struction 1 35 Struction 1 36 Struction 1 36 Struction 1 36 Struction 1 37 Struction 1 36 Struction 1 36 Struction 1 37 Struction 1 36 Struction 1 36 Struction 1 37 Struction 1 36 Struction 1 36 Struction 1 36 Struction 1 36 Struction 1 36 Struction 1 37 Struction 1 37 Struction 1 36 Struction 1 37 Struction 1 36 Struction 1 37 Struction 1 38 Struction 1 38 Struction	1	33	Carbonie Flore fille growt				6054	
12 25 Mortar 60 sp 13 27 izin' Brain self-adhenve Living Room 600 sp 13 27 izin' Brain self-adhenve Living Room 600 sp 14 28 Vinil floor file-layer 600 sp 14 29 izin' Beige ceff-cidesive 600 sp 15 31 Window glaze Basenit Basemetht-East-one window 2 sp 15 31 Window glaze 0 sp East Elevation 2 sp 16 33 3rick MortAPL 0 sp East Elevation 8 st 17 35 Batterior Window coulde 1 North 8 st		~	C-+ 00/100 1100		++			
12 25 Mortar 60 sp 13 27 izin' Brain self-adhenve Living Room 600 sp 13 27 izin' Brain self-adhenve Living Room 600 sp 14 28 Vinil floor file-layer 600 sp 14 29 izin' Beige ceff-cidesive 600 sp 15 31 Window glaze Basenit Basemetht-East-one window 2 sp 15 31 Window glaze 0 sp East Elevation 2 sp 16 33 3rick MortAPL 0 sp East Elevation 8 st 17 35 Batterior Window coulde 1 North 8 st		210						
1 26 1 13 27 jzxiz' Brain self-adheave Living Room 13 27 jzxiz' Brain self-adheave Living Room 14 29 jzxiz' Beige celf-adheave 600 sp 14 29 jzxiz' Beige celf-adheave 600 sp 15 31 Nindow glaze 600 sp 15 31 Nindow glaze Basenet Basemetht-East-one hundow 16 33 Brick Monthal 0sp East Elevation 1 34 V V 17 35 Extense Window/coulle 1	V	dy						
1 26 1 13 27 jzxiz' Brain self-adheave Living Room 13 27 jzxiz' Brain self-adheave Living Room 14 29 jzxiz' Beige celf-adheave 600 sp 14 29 jzxiz' Beige celf-adheave 600 sp 15 31 Nindow glaze 600 sp 15 31 Nindow glaze Basenet Basemetht-East-one hundow 16 33 Brick Monthal 0sp East Elevation 1 34 V V 17 35 Extense Window/coulle 1	12	~					6200	
1 24 1 1 13 27 12x h² Braun self-adheave Living Room 600 sp 1 38 Vinyl floor tile-layer 600 sp 1 29 12x h² Beige celf adhesive 600 sp 1 30 Vinyl floor tile-layer 600 sp 15 31 Nindow gloze 600 sp 1 32 Ving floor tile-layer 9 16 33 Brick Morth 0sp East Elevation 1 34 Ving floor tile 8 17 35 Extense Window/cault 1	10	2	Morra				00.24	
13 77 jźkiż Braun self-adhenve Living Room 600 sp V 28 Vinyl floor tile-layer 600 sp 14 29 jźkiż Beige ceff adhenve 600 sp V 29 jźkiż Beige ceff adhenve 600 sp V 30 ymul floor tile-layer 7 15 31 window glaze Basenut Basemetrit-East-one window 2 sp 15 32 V V 1 16 33 3rick ModArt 0sp Ensit Elevation 1 1 34 V V 1 17 35 Bktenst Window cault 1 North 8 st)							
13 77 jźkiż Braun self-adhenve Living Room 600 sp V 28 Vinyl floor tile-layer 600 sp 14 29 jźkiż Beige ceff adhenve 600 sp V 29 jźkiż Beige ceff adhenve 600 sp V 30 ymul floor tile-layer 7 15 31 window glaze Basenut Basemetrit-East-one window 2 sp 15 32 V V 1 16 33 3rick ModArt 0sp Ensit Elevation 1 1 34 V V 1 17 35 Bktenst Window cault 1 North 8 st	- A	26						
V 28 Vingl floor tile-layer 1 600 sp 14 29 pixiz Beige cetCadpesive 600 sp V 30 pingl floor tile-layer 7 V 15 31 Window gloze Basemet Basemetht-East-one hundon 2 sp V 30 V V V 16 33 Brick MonAAR 05P East Elevation 1 V WEST 1 17 35 Beten sr Window could 1 North 8 st	V						1	
V 28 Vingl floor tile-layer 1 600 sp 14 29 pixiz Beige cetCadpesive 600 sp V 30 pingl floor tile-layer 7 V 15 31 Window gloze Basemet Basemetht-East-one hundon 2 sp V 30 V V V 16 33 Brick MonAAR 05P East Elevation 1 V WEST 1 17 35 Beten sr Window could 1 North 8 st	12	A	17x12 Brown Self-OANDSIVE			Lavina Koom	600 58	
14 29 12×12" Beige celf-cudiesive 600 sf 1 30 Mul floor tik-layer 2 1 15 31 Window gloze Basemit Basemetht-East-one window 1 32 V 16 33 3rick MorfAR 1 34 17 35 17 35		01	The Drawn port across			Stylle Roott	0.00	
14 29 12×12" Beige celf-cudiesive 600 sf 1 30 Mul floor tik-layer 2 1 15 31 Window gloze Basemit Basemetht-East-one window 1 32 V 16 33 3rick MorfAR 1 34 17 35 17 35).	20	V. IP. D. D. D. Lower					
14 29 12×12" Beige celf-cudiesive 600 sf 1 30 Mul floor tik-layer 2 1 15 31 Window gloze Basemit Basemetht-East-one window 1 32 V 16 33 3rick MorfAR 1 34 17 35 17 35	V	010	Viyl 41007 FILE Ouger I					
1 30 pun, floor tile-layer 2 1 15 31 window glaze Basenut Basenut Basemetht-East-one window 2 SF 1 32 1 16 33 3rick MorthR 0sp East Elevation 1 34 1 17 35 Extense window could	11						6000	
1 30 pun, floor tile-layer 2 1 15 31 window glaze Basenut Basenut Basemetht-East-one window 2 SF 1 32 1 16 33 3rick MorthR 0sp East Elevation 1 34 1 17 35 Extense window could	14	21	12X12 Beige Cettalesive				Need	
15 31 Window glaze Basenut Basemet Basemet NT-East-one Window 2 SF 1 32 V V 16 33 3rick MorAAR Osp East Elevation 1 34 V V 17 35 Extense Window could 1	1							
15 31 Window glaze Basenut Basemet Basemet NT-East-one Window 2 SF 1 32 V V 16 33 3rick MorAAR Osp East Elevation 1 34 V V 17 35 Extense Window could 1	4	30	Muy Floor tile- augor 7			√ ,		
1 37 North North 8 St					V	1 p / k - 1 1		
1 37 North North 8 St	15	31	4444		Rase	mit Bakeling KIT-East-one Window	256	
16 33 Brick Month OSP East Elevation 1 34 V WEST 17 35 Extense Window could 1 North 854	1)	1	Minan da Co		1.		~ 01	
16 33 Brick Month OSP East Elevation 1 34 V WEST 17 35 Extense Window could 1 North 854		32			1			
1 34 V WEST 17 35 Extense Window could 1 North 8 St	V	00	V		30	V		
1 34 V WEST 17 35 Extense Window could 1 North 8 St	1,	33	2 mile to Abo		m	Face Flack on		
1 34 V WEST 17 35 Extense Windowcould 1 North 854	16		Drickmorth		004	DUST GRANTON		
17 35 Extense undowcould 1 North 854	1	311				11/2000		
17 35 Extensor undowcould 1 North. 851	1	01	V		1 1	WEST		
	17	30	Rupping han Indanilla		1	Martin	XSK	
1 38 1 1 1	1/		BALLIOF MINSON COUNT		1		0.04	
	1	38			1			
	V	0.	Y	V	V	V V		

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submitta
I. David Glassmann	helson	1800	E. Vela Eny	1/27/202	2 /2:0200	Field Walk In
	<i>y</i> , <i>i</i> - <i>j</i>	10	0-		c reactor	US Mail
II. //						Fed-Ex
III.						Other

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By: takhunden lance de	Inthe	8:00	
24b. Analyzed By: MELWATH	11/23/12	ich	
24c. QC By: 0 1 1	1	a.	
En & Hegellena Office (21/27 /	Sid	
All All A	51100		

Page <u>3</u> of <u>3</u>

			AC	
13	and the second second	1	-	No. of Concession, Name
11				-

BUI K SAMPLE DATA AND CHAIN OF CUSTODY FORM

	TL	75	POLICOLINI	RO	JE(CTI	NFORMA		BATCH #		
1. Client:			2. Project Name:					3a. Atlas Project No.:		ect Manager:	
TOWN OF	NORTH	HEMPSTEAD	Pre-Construction AC	M Su	irvey	<u> </u>		Z214NH0004	P. Masl		
TOWNOT	Noni		2a. Project Address:					3b. Task No.:	4b. Insp		
			746 Prospect Avenue					0001		Glassmann	
5. Date:	6	. Homeowner Name:		10000000000		ound ⁻				nent s (Field)	1.114
1/26/2022				o S	TAT	Q2	4 HRS 072	HRS o OTHER		1st Pos. fo	
		. Sampling Areas:		06	HRS	0 48	BHRS oNO	RMAL		TEM. Email	
		nterior, Exterior							pavei.m	ashenko@o	neatlas.com
BULK S/		LOCATION									10
	1000 C	12.		13.		14.		Occurle Leasting		15. Material Total	16. Asbestos
Homogenous Area No.	Bulk Sample ID	1	Vaterial		ermal stem,			Sample Location		Qty.	Content
Alea No.	No.					Floor		Sample Coordinates		(LF, SF,	(Type & %)
			6	M	isc.			•		PCS)	
18	37	Extens 4	mancault	W	sc	2	South	Elevation		20 SF	
N	38)		ĥ	İ	V	West	Į			
19	37	Roof Ment	Aspholt 1			Rot	1 swer	Roof		150 SF	
	40	J.	Vulles Couper 3			1	1	14001			
20	41	ľ	tour puper-	~				2.1			
1	42		Ley er	1							
1	43	Roof Plas	-]	-						65st	
21	4)	1007 Floors	shing							65 SP	
1	ЧЧ	Ý	•	1	ľ	1	V	2			
		a									
		5. S15									
		2									
				_							

CHAIN OF CUSTODY

17. Relinquished By	18. Date	19. Time	20. Received By	21. Date	22. Time	23. Method of Submittal
I. David Glassmann	-1/26/2000	1800	F. Veler Ery	1/27/2022	12:02 pm	Field Walk In
	1.1		<u> </u>			US Mail
II. /						Fed-Ex
III.						Other

LABORATORY INFORMATION

24. Name and Signature:	25. Date	26 Time	27. Comments (Lab)
24a. Analyzed By: TAILMUCH Am	INTIN	8:-00	
24b. Analyzed By: MZ (North -	1/23/02	- ((wh	
24c. QC By:	1		
- Su a the Augo the 1/31	127	13:00	
A the for the for the the for	100		

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010

								k, NY 1001 -3599 or 83				<u>Accreditations:</u> NVLAP 101187-0 ELAP 10879
	Client / Project TOWN C	F NOR	I	BULK A	SBESTC	S ANAL	YSIS SI	IEET		Number Z214N	1110004	<u>Microscopes:</u> OLYMPUS BH-2 / NIKON OPTIPHOT
	Analysis Date 1/2//				- F-						138	EMPERATURE C
1 1 Field Number	Stereoscopic Exam				PLM O	ptical Pr	opertie	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Coto CALL Texture	Morph	Extinction	RI1	RI DS	S Color Colo	or, Pleo Bi	ref Sign Oti	her Identity	Chrysotile	Ceiluiose	Mineral Filler
Required 🗆								·····		Amosite	Fiberglass	Organic Binders
Recommended 🗆					····· ··· ··· ···	·····				Other	Other	
See gravimetric	# of Layers Asbestos				······ ···· ·	······				(Other
for results	Color of Layer Detected Yes 1	40									Cellulose Ondulose	
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.	Fiberglass Isotopic	
Required 🗋	PLM OKC-		\supset					0 1	00	0	Synthetic High Birefringence	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🛛	NOB PLM										□ Horse Hair: Scales, Low to Moderate	might be underestimated. See Note #1.
analysis sheet for results	Comments:	I								****	Birefringence	
	Method: 🛛 ELAP 🛛 EPA		IING OPTI	ON		Q.	c . 🗆					
2 2	Stereoscopic Exam				PLM O	ptical P	opertie	s	1	Asbestos	Other Fibrous	Non Fibrous
Field Number	. C.Aree. C.	Morph	Extinction	RÌI	RI D	S Color Col	or, Pleo Bi	iref Sign Ot	her Identity	Results PLM %	PLM %	PLM %
Gravimetric	Color <u>Cold</u> Fexture									Chrysotile	Cellulose Fiberglass	Organic Binders
Required Recommended	Homogeneity Vermiculite ~									Other	Other	Vermiculite*
See gravimetric 🗆	# of Layers Asbestos											Other
analysis sheet for results	Color of Layer Detected Yes	No									🗇 Cellulose Ondutose	
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.	Extinction Fiberglass Isotopic	
	PLM 0/12		<					0	00	V	🛛 Synthetic High	* If vermiculite is >10% the
Required 🗍			/								Birefringence	level of asbestos in a sample might be underestimated.
See SM-V 🗍 analysis sheet	Comments:			<u> </u>]			I			Low to Moderate Birefringence	See Note #1.
for results	Method: 🛛 ÉLAP 🛛 EPA		ING OPTI	ON		Q.	c . 🗆					
			ING OPTI	ON						Asbestos	Other Fibrous	Non Fibrous
	Stereoscopic Exam					ptical P	ropertie		her identity	Asbestos Results PLM %	Other Fibrous PLM %	/ PLM %
3 3			Exlinction				ropertie		her identity			1
3 3 Field Number Gravimetric Required []	Stereoscopic Exam					ptical P	ropertie		her identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
33 Field Number Gravimetric Required Recommended	Stereoscopic Exam					ptical P	ropertie		her identity	Results PLM %	PLM %	PLM %
3 3 Field Number Gravimetric Required []	Stereoscopic Exam Color Luc Let Texture Homogeneity Vermicuiite # of Layers Asbestos	Morph				ptical P	ropertie		her identity	Results PLM %	PLM % Cellulose Fiberglass Other	PLM %
3 3 Field Number Gravimetric Required [] Recommended [] See gravimetric []	Stereoscopic Exam Color	Morph	Extinction	Riı		S Color Col	ropertie:	iref Sign OI		Results PLM % Chrysotile Arnosite Other	PLM % Cellulose Fiberglass Other Collulose Cellulose Colluctore Extinction	PLM %
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Stereoscopic Exam Color	Morph				ptical P	ropertie	Asb./Ver, PT		Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Conter Cellulose Extinction Fiberglass Isotopic	PLM % Organic Binders Organic Binders Organic Ute* Other
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results	Stereoscopic Exam Color Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Col 42	Morph	Extinction	Riı		S Color Col	ropertie:	iref Sign OI		Results PLM % Chrysotile Arnosite Other	PLM % Cellulose Fiberglass Collect Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Grganic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample
3 3 Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V SM-V Required See SM-V See SM-V	Stereoscopic Exam Color Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Col 42	Morph	Extinction	Riı		S Color Col	ropertie:	Asb./Ver, PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Callulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Organic Binders Organic Uter Other If vermiculite is >10% the
3 3 Field Number Gravimetric Gravimetric Required Recommended D See gravimetric analysis sheet for results SM-V Required D	Stereoscopic Exam Color Itexture Homogeneity Vermicuiite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Itexture NOB PLM Comments:	Norph Siide 3	Extinction	RI 1		S Color Col	Slide 8	Asb./Ver, PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Other 	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 3 Field Number Gravimetric Required See gravimetric [] analysis sheet for results SM-V Required See SM-V analysis sheet for results	Stereoscopic Exam Color Itexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Itexture NOB PLM Comments:	Morph	Extinction	RI 1		S Color Col	ropertie:	Asb./Ver, PT		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filler Organic Binders Organic Binders Organic Binders Orden Vermiculite* Other other if vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1.
3 3 Field Number Gravimetric Required Image: State	Stereoscopic Exam Color Itexture Homogeneity Vermicuiite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Itexture NOB PLM Comments:	Norph Siide 3	Extinction	RI 1	Ri D:	S Color Col	ropertie: or, Pleo B Slide 8	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Callulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 3 Field Number Gravimetric Required See gravimetric [] analysis sheet for results SM-V Required See SM-V analysis sheet for results	Stereoscopic Exam Color Interview Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Interview NOB PLM Comments: Method: ELAP Exereoscopic Exam	Norph Siide 3	Extinction	RI 1	Ri II Da	Silde 7	C.	iref Sign OI		Results PLM % Chrysoille Arnosite Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
3 3 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V Required [] analysis sheet for results SH-V Field Number A	Stereoscopic Exam Color Latentiation Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 1 Slide 1 Slide 2 PLM O NOB PLM Comments: Method: Stereoscopic Exam Cold Cold Stereoscopic Exam	Norph Siide 3	Extinction	RI 1	Ri II Da	Slide 7	C.	iref Sign OI	Total PT	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Organic Binders Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Of CMineral Filter
3 3 Field Number Gravimetric Recommended D See gravimetric analysis sheet for results SM-V Required D See SM-V analysis sheet for results for results	Stereoscopic Exam Color Itexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Itexture NOB PLM Itexture Comments: Itexture Method: Itexture Cold Itexture Homogeneity Vermiculite	Norph Siide 3	Extinction	RI 1	Ri II Da	Slide 7	C.	iref Sign OI	Total PT	Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Organic Binders Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Of CMineral Filter
3 3 Field Number Gravimetric Required [] Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V See SM-V [] analysis sheet for results See SM-V [] analysis sheet for results Field Number Gravimetric Gravimetric Required [] Recommended [] See gravimetric []	Stereoscopic Exam Color Latentiation Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 1 Slide 1 Slide 2 PLM O NOB PLM Comments: Method: Stereoscopic Exam Cold Cold Stereoscopic Exam	Norph Siide 3	Extinction	RI 1	Ri II Da	Slide 7	C.	iref Sign OI	Total PT	Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Organic Binders Organic Binders Organic Binders Organic Binders Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % <u>(0 C</u> Mineral Filter Organic Binders
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Stereoscopic Exam Color Itexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Itexture NOB PLM Itexture Comments: Itexture Method: Itexture Cold Itexture Homogeneity Vermiculite	Norph Silde 3	Extinction	RI 1	Ri II Da	Slide 7	C.	iref Sign OI	Total PT	Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Sirefringence Other Fiberous PLM % Cellulose Fiberglass Other Cellulose Cother Cellulose Cellul	
3 3 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results for results Gravimetric Required Back of the second	Stereoscopic Exam Color Image: Stereoscopic Exam Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 1 Slide 2 PLM Detected Yes NOB PLM Comments: Method: ELAP Stereoscopic Exam Coldr Werniculite Homogeneity Vermiculite # of Layers Asbestos	Norph Silde 3	Extinction	RI 1	Ri II Da	Slide 7	C.	iref Sign OI	her Identity	Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	
3 3 Field Number Gravimetric Recommended Image: Comparison of the second strength of the second strengt of the second strength of t	Stereoscopic Exam Color Itexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM Itexture NOB PLM Itexture Comments: Itexture Method: Itexture Cold Itexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 Print Counts Slide 1 Slide 1 Slide 2	No	Extinction Slide 4	Rl 1 Slide 5 ON Rl 1	Ri D:	Scolor Col	C.	iref Sign Ol	ther Identify	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Gother Fiberglass Low to Moderate Birefringence Cellulose Fiberglass Cellulose Gother Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cellulose Cellulose Cellulose Cellulose Cellulose Cellulose Cellulose Cellulose Cother Cellulose	PLM % Granic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Granic Binders Vermiculite* Other If vermiculite is >10% the
3 3 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results for results Gravimetric Required [] See SM-V [] analysis sheet for results for results Gravimetric Required [] See gravimetric [] analysis sheet for results SM-V Required [] See gravimetric [] analysis sheet for results SM-V Required [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color Latentiation Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM Comments: Method: PELAP Stereoscopic Exam Cold Cold Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Stereoscopic Exam Cold Cold Yermiculite # of Layers Asbestos Color of Layer Detected Yes PLM Ital PLM Ital PLM Ital	No	Extinction Slide 4	Rl 1 Slide 5 ON Rl 1	Ri D:	Scolor Col	C.	iref Sign OI	her Identity	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Collulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Horse Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Organic Binders Organic Binders Organic Binders Other Vermiculite' Other Vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Organic Binders Organic Binders Organic Binders Other Vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 3 Field Number Gravimetric Recommended Image: Strength of the strengt of the strength of the strengt of the strengt of the s	Stereoscopic Exam Color Latentiation Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM Comments: Method: PELAP Stereoscopic Exam Cold Cold Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Stereoscopic Exam Cold Cold Yermiculite # of Layers Asbestos Color of Layer Detected Yes PLM Ital PLM Ital PLM Ital	No	Extinction Slide 4	Rl 1 Slide 5 ON Rl 1	Ri D:	Scolor Col	C.	iref Sign Ol	ther Identify	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Synthetic High Birefringence	
3 3 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Gravimetric Required [] See SM-V [] analysis sheet for results Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] See SM-V []	Stereoscopic Exam Color Image: Stereoscopic Exam Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 1 Slide 2 PLM Detected Yes NOB PLM Comments: Method: PELAP Everoscopic Exam Color of Layers Color of Layers Asbestos Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes NOB PLM Stereoscopic Exam Color of Layer Vermiculite # of Layers Asbestos PLM U(1) NOB PLM U(1)	No Silide 3	Extinction Slide 4 VING OPTI	RI 1 Slide 5 ON RI 1 Slide 5 Slide 5	Ri Da	ptical P(S Color Color S Color Color S Slide 7 Q. S Color Color S Color Color S Color Color S Color Color S Color Color S Slide 7	C. Slide 8 C. Slide 8 C. C. C. C. C. C. C. C.	iref Sign Ol	her Identity	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Synthetic High Birefringence Other Fiborglass Low to Moderate Cellulose Fiberglass Other Cellulose Fiberglass Other Cellulose Fiberglass Cellulose Fiberglass Low to Moderate	PLM % Organic Binders Organic Binders Organic Binders Other Vermiculite' Other Vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Organic Binders Organic Binders Organic Binders Other Vermiculite is >10% the level of asbestos in a sample might be underestimated.

Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

of verniculite. "This method does not remove verniculite and may underestimate the level of asbestos present in a sample containing greater than 10% verniculite." Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing verniculite (SM-V) and it utilizes a 400 point count method. L:\LAB_FORMS.DCCUMENTS AND RECORDSVDTICALLASBESTOS_BULKASBESTOS BULKASBESTOS ANALYSIS SHEET_FORM #82.doc Page ______ of ______ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #82

 ΥŁ	ŵ	5	·
A1	C		

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010

ATC			25 th Street, 8 th F) 353-8280, Fax						<u>Accreditations:</u> NVLAP 101187-0 ELAP 10879
			ASBESTOS AN						Microscopes: OLYMPUS BH-2/
	Client / Project TOWN O					Project	Number Z214	IH0004	NIKON OPTIPHOT
	Analysis Date 1/7, 1/2		F					128	
1 5	Stereoscopic Exam		PI M Optica	l Properties			Asbestos	Other Fibrous	Non Fibrous
Field Number		Morph Extinction RL1	•	Color, Pieo Bir		her Identity	Results PLM %	PLM %	PLM %
Gravimetric	Color Color Texture						Chrysotile	Cellulose	
Recommended	Homogeneity Vermiculite		· ······				Arnosite Other	Fiberglass Other	Organic Binders
See gravimetric 🛛	# of Layers Asbestos	-	·						Other
analysis sheet for results	Color of Layer Detected Yes N	o					1	Cellulose Ondulose	
SM-V	Point Counts Slide 1 Slide 2	Slide 3 Slide 4 Slide	5 Slide 6 Slide	e 7 Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Fiberglass Isotopic	
Required 🗍	PLM A/DO				0	100	U	Synthetic High Birefringence	* If vermiculite is > 10% the
See SM-V	NOB PLM							D Horse Hair: Scales, Low to Moderate	level of asbestos in a sample might be underestimated.
analysis sheet for results	Comments:					LI	W0/Mb/rui/rui/rui/rui/rui/rui/rui/rui/rui/rui	Birefringence	See Note #1.
	Method: ZELAP DEPA	CANNING OPTION		Q.C. 🗆					
² 6	Stereoscopic Exam		PLM Optica	I Properties		1	Asbestos	Other Fibrous	Non Fibrous
Field Number Gravimetric	Color 1. L. K. Texture	Morph Extinction Rt 1	RI DS Color	Color, Pleo Bire	ef Sign Oll	her Identity	Results PLM %	PLM %	
Required D			- <u></u>	······			Chrysotile	Cellulose Fiberglass	Mineral Filler Organic Binders
Recommended 🗔	Homogeneity Vermiculite						Other	Other	Vermiculite*
See gravimetric 🖾	# of Layers Asbestos		·						Other
analysis sheet for results	Color of Layer Detected Yes N	•						Cellulose Ondutose	
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.	🗆 Fiberglass Isotopic	
Required 🗍	PLM O/U				\mathcal{O}	200	\cup	 Synthetic High Birefringence 	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🗀	NOB PLM							[] Horse Hair: Scales, Low to Moderate	might be underestimated. See Note #1.
analysis sheet for results	Comments:							Birefringence	
1									
L	Method: []ELAP 🗌 EPA	SCANNING OPTION		Q.C. 🗆					
3 7 Field Number	Method:LELAP		PLM Optica	·			Asbestos Results PLM %	Other Fibrous	/ Non Fibrous / PLM %
3 7	·····	SCANNING OPTION	PLM Optica	·		her Identity			/ PLM %
3 7 Field Number	Stereoscopic Exam	Ţ	PLM Optica	l Properties		her Identity	Results PLM %	PLM %	
3 7 Field Number Gravimetric Required [] Recommended []	Stereoscopic Exam Color <u>Lu (</u> Genure <u></u> Homogeneity Vermiculite	Ţ	PLM Optica	l Properties		her identity	Results PLM %	PLM %	PLM %
3 7 Field Number Gravimetric Required []	Stereoscopic Exam Color Let Fexture Color Homogeneity Vermiculite - # of Layers Asbestos -	Morph Extinction R11	PLM Optica	l Properties		her identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other	PLM %
3 7 Field Number Gravimetric Required D Recommended D See gravimetric D	Stereoscopic Exam Color <u>U</u> (<u>L</u> (EXture <u></u> Homogeneity <u></u> Vermiculite <u></u> # of Layers <u></u> Asbestos <u></u> Color of Layer <u>Detected</u> Yes N	Morph Extinction RI1	PLM Optica Ri II DS Color	I Properties Color, Pleo Bire		her Identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Onduiose Extinction	PLM % Organic Binders Vermiculite*
3 7 Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Stereoscopic Exam Color Lut Lexture Homogeneity Vermiculite - # of Layers Asbestos - Color of Layer Detected Yes Point Counts Slide 1 Slide 2	Morph Extinction R11	PLM Optica Ri II DS Color	I Properties Color, Pleo Bire			Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Onduiose Extinction Fiberglass Isotopic	PLM % Organic Binders Vermiculite*
3 7 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color <u>Lu (Lt (Texture</u> <u>C</u> Homogeneily <u>Vermiculite</u> <u>4</u> # of Layers <u>Asbestos</u> Color of Layer <u>Detected</u> Yes N Point Counts <u>Slide 1</u> <u>Slide 2</u> PLM <u>O P</u> <u></u>	Morph Extinction RI1	PLM Optica Ri II DS Color	I Properties Color, Pleo Bire	ef Sign Oth		Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Onduiose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Organic Binders Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V []	Stereoscopic Exam Color Lu (L) (Texture Homogeneily Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM Image: Color of Layer NOB PLM Image: Color of Layer	Morph Extinction RI1	PLM Optica Ri II DS Color	I Properties Color, Pleo Bire	ef Sign Oth		Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefningence Horse Hair Scales, Low to Moderate	PLM % Organic Binders Organic Binders Vermiculite* Other 'If vermiculite is >10% the
3 7 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required []	Stereoscopic Exam Color Lawer Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLM PLM NOB PLM Comments:	Morph Extinction R11	PLM Optica Ri II DS Color	I Properties Color, Pleo Bire	ef Sign Oth		Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Ondulose Extinction Fiberglass tsotopic Synthetic High Birefingence Horse Hair: Scales,	PLM % Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color Wayers Homogeneily Vermiculite # of Layers Asbestos Color of Layers Detected Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM Comments: Method: ELAP EPA	Morph Extinction RI1	PLM Optica RI II DS Color	I Properties Color, Pleo Bire	ef Sign Oth		Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Onduiose Extinction Fiberglass tsotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Organic Binders Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color Lawer Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLM PLM NOB PLM Comments:	Morph Extinction R11	PLM Optica	I Properties	ef Sign Otl	Total PT	Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefningence Horse Hair Scales, Low to Moderate	PLM % Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color Wayers Homogeneily Vermiculite # of Layers Asbestos Color of Layers Detected Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM Comments: Method: ELAP EPA	Morph Extinction R11	PLM Optica	I Properties Color, Pleo Bire	ef Sign Otl		Arnosite Other WASD. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Other Synthetic High Birefningence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous	PLM % Crganic Binders Crganic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous
3 7 Field Number Gravimetric Required Recommended See gravimetric analysis sheel for results SM-V Required See SM-V analysis sheet for results 4 8 Field Number Gravimetric Required	Stereoscopic Exam Color Let	Morph Extinction R11	PLM Optica	I Properties	ef Sign Otl	Total PT	Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Onduiose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % GMO
3 7 Field Number Gravimetric Required [] Recommended] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 8 Field Number Gravimetric Required [] Recommended]	Stereoscopic Exam Color <u>in (in (in (in (in (in (in (in (in (in (</u>	Morph Extinction R11	PLM Optica	I Properties	ef Sign Otl	Total PT	Results PLM % Chrysotile Arnosite Other KAsb. Or %Ver. Asbestos Results PLM % Chrysotile	PLM % Cellulose Fiberglass Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Mair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite*
3 7 Field Number Gravimetric Required I Recommended I See gravimetric I analysis sheet for results See SM-V Required analysis sheet for results 4 8 Field Number Gravimetric Required I See gravimetric Required See gravimetric Required See gravimetric Required See gravimetric See gravimetric Gravimetric See gravimetric Recommended I See gravimetric I See gravimetric I Recommended I See gravimetric I Analysis sheet I	Stereoscopic Exam Color Layers Homogeneily Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM Comments: Method: EELAP Stereoscopic Exam Color Duite State Homogeneity Vermiculite # of Layers Asbestos	Morph Extinction RI I Morph Extinction RI I Slide 3 Slide 4 Slide 9 SeANNING OPTION Morph Extinction RI 1	PLM Optica	I Properties	ef Sign Otl	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Anosite Anosite Anosite	PLM % Cellulose Fiberglass Other Fiberglass Isotopic Fiberglass Isotopic Fiberglass Isotopic Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Fiberglass	PLM % O'Zmineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % O'Chineral Filler Organic Binders
3 7 Field Number Gravimetric Required Image: See gravimetric analysis sheet for results SM-V Required See SM-V Image: Sheet analysis sheet for results SM-V Required See SM-V Image: Sheet analysis sheet for results 4 8 Field Number Image: Gravimetric Required Image: Gravimetric Recommended Image: Sheet See gravimetric Image: Sheet analysis sheet for results	Stereoscopic Exam Color in the	Morph Extinction RI I	PLM Optica Ri DS Color Slide 6 Slide PLM Optica Ri DS Color	I Properties Color, Pleo Bire	ef Sign Otl	her Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Fiberglass	PLM % Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite*
3 7 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color in Layers Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM EPA Comments: Method: ETELAP EPA Stereoscopic Exam Color Difference Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No No	Morph Extinction RI I Morph Extinction RI I Slide 3 Slide 4 Slide 9 SeANNING OPTION Morph Extinction RI 1	PLM Optica Ri DS Color Slide 6 Slide PLM Optica Ri DS Color	I Properties Color, Pleo Bire	ef Sign Otl	her Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Synthetic High Birefningence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Fiberglass	PLM % Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite* Organic Binders Vermiculite* Other
3 7 Field Number Gravimetric Required I Recommended I See gravimetric I analysis sheet for results SM-V Required analysis sheet for results for results SM-V Analysis sheet for results Gravimetric Required Recommended I See gravimetric analysis sheet for results SM-V SM-V Required SM-V Required	Stereoscopic Exam Color i Layers	Morph Extinction RI I	PLM Optica Ri DS Color Slide 6 Slide PLM Optica Ri DS Color	I Properties Color, Pleo Bire	ef Sign Otl	her Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Other Fibrous PLM % Cellulose Cellulose Cellulose Giter Fiberglass Other Fiberglass Other Fiberglass Other Horse Additione Fiberglass Cellulose Fiberglass Horse Additione Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Cellulose Fiberglass Cellulose Fiberglass Fiberglass Fiberglass Cellulose Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Fiberglass Cellulose Fiberglass Fiberglass Fiberglass Fiberglass Cellulose Fiberglass	PLM % Organic Binders Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample
3 7 Field Number Gravimetric Required □ Recommended □ See gravimetric □ analysis sheet for results SM-V Required □ See SM-V □ analysis sheet for results 4 8 Field Number Gravimetric Required □ Required □ Recommended □ See gravimetric □ analysis sheet for results	Stereoscopic Exam Color Layers	Morph Extinction RI I	PLM Optica Ri DS Color Slide 6 Slide PLM Optica Ri DS Color	I Properties Color, Pleo Bire 7 Slide 8 Q.C. I Properties Color, Pleo Bire	ef Sign Otl	her Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Fiberglass Cellulose Fiberglass Cellulose Fiberglass Fiberglass Sotopic Synthetic High Birefringence	
3 7 Field Number Gravimetric Required I Recommended I See gravimetric I analysis sheel for results SM-V Required analysis sheet for results for results SM-V Required I See SM-V Gravimetric Required I Required I See gravimetric I See SM-V I See SM-V I	Stereoscopic Exam Color Layers Homogeneily Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM EPA Comments: Method: ETELAP EPA Stereoscopic Exam Color DWM Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 1 Slide 2 PLM NOB PLM NOB PLM NOB PLM	Morph Extinction RI I	PLM Optica Ri DS Color Slide 6 Slide PLM Optica Ri DS Color	I Properties Color, Pleo Bire 7 Slide 8 Q.C. I Properties Color, Pleo Bire	ef Sign Otl	her Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Gellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Direfringence Cellulose Fiberglass Cother Fiberglass Fiberglass Cother Fiberglass Fiberglass Cother Fiberglass Fiberglass Cother Fiberglass Fi	PLM % Organic Binders Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 7 Field Number Gravimetric Required I Recommended I See gravimetric I analysis sheet for results SM-V Required analysis sheet for results for results SM-V analysis sheet for results Gravimetric Required Recommended I See gravimetric analysis sheet for results SM-V Required I See gravimetric analysis sheet for results SM-V Required I See SM-V Required See SM-V I analysis sheet for results for results Sheet for results Methods:	Stereoscopic Exam Color Layers Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM EPA Stereoscopic Exam Color Detected Yes N NOB PLM EPA Stereoscopic Exam Color Detected Yes N Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 1 Slide 2 PLM Vermiculite Point Counts Slide 1 Slide 1 Slide 2 PLM Vermiculite NOB PLM Slide 2 PLM Vermiculite NOB PLM EPA	Morph Extinction RI I	PLM Optica RI II DS Color Silide 6 Slide PLM Optica RI II DS Color Silide 6 Slide	I Properties Color, Pleo Bird Color, Ple	ef Sign Ott	her Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Cellulose Cellulose Cellulose Cellulose Cellulose Fiberglass Other Startingingence Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Organic Binders Organic Binders Vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

of verriculite. This method does not remove verriculite and may underestimate the level of asbestos present in a sample containing greater than 10% verriculite. Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing verriculite (SM-V) and it utilizes a 400 point count method. L:LAB_FORMS,DOCUMENTS AND RECORDS/OPTICALASBESTOS_BULKASBESTOS BULK FORMS 2022 REVISION #34 BY MEI WANG FORM #82.400 Page _____ of _____

ATEAS.	
ATC	

ATC			t 25 th Street, 12) 353-828(Accreditations: NVLAP 101187-0 ELAP 10879
	TOWNO									Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT
	Client / Project TOWN O		STEAD/ 74	6 PROS	PECTA	AVE		Number Z214N		
·	Analysis Date <u>1/24</u> 2	UZZ Analyst	<u>F</u>				Batch I	Number 22-	<u>138 </u>	
1 9 Field Number	Stereoscopic Exam			ptical Pr	•			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous
Gravimetric	color Bhurtelture Co	Morph Extinction RI	1 RI DS	S Color Colo	r, Płeo Bi	ref Sign Otl	her Identity	C Chrysotile	Celluiose	
Required 🛛	Homogeneity			·····				Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos	<u> </u>						Other	Other	Vermiculite*
See gravimetric 🗍 analysis sheet	Color of Layer Detected Yes No								🛛 Cellulose Onduiose	Other
for results									Extinction	
SM-V		Slide 3 Slide 4 Slid	le 5 Slide 6	Slide 7	Slide 8	Asb./Ver. PT		%Asb. Or %Ver.	Synthetic High	• If vermiculite is >10% the
Required 🗌							w	U	Birefringence	level of asbestos in a sample might be underestimated.
See SM-V	Comments:								Low to Moderate Birefringence	See Nole #1.
for results		SCANNING OPTION		Q.0	. 🗆					
2 10				1				Asbestos	Other Fibrous	Non Fibrous
Field Namber	Stereoscopic Exam	Morph Extinction R		ptical Pre	•		ner Identity	Results PLM %	PLM %	PLM %
Gravimetric	Color Bhow Texture							Chrysotile	Cellulose	
Required	Homogeneity Vermiculite	1						Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos			·····				Other	Other	Vermiculite* Other
analysis sheet for results	Color of Layer Detected Yes No	o							🗔 Cellulose Ondulose	Onler
SM-V	Point Counts Slide 1 Slide 2	Slide 3 Slide 4 Slid	le 5 Slide 6	Stide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Extinction	
	DIM J.A			-		O	200	0	🖸 Synthetic High	* If vermiculite is >10% the
Required See SM-V	NOB PLM							<u> </u>	Birefringence	level of asbestos in a sample might be underestimated.
analysis sheet	Comments:	<u></u>		<u> </u>					Low to Moderate Birefringence	See Note #1.
for results	Method: ZELAP 🗆 EPA 🜙	SCANNING OPTION		Q.(s. 🗆					
3 11		SCANNING OPTION	PLM O					Asbestos	Other Fibrous	Non Fibrous
3 11 Field Number	Stereoscopic Exam	SCANNING OPTION		Q.C ptical Pro	operties		ver Identity	Results PLM %	PLM %	PLM %
3 11 Field Number Gravimetric	Stereoscopic Exam			ptical Pr	operties		ier Identity	Results PLM %	PLM %	PLM %
3 11 Field Number	Stereoscopic Exam			ptical Pr	operties		ner Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
3 11 Field Number Gravimetric Required	Stereoscopic Exam Color DANE Texture Homogeneity Vermiculite			ptical Pr	operties		ier Identity	Results PLM %	PLM %	PLM % Mineral Filler Organic Binders
3 11 Field Number Gravimetric Required Recommended	Stereoscopic Exam Color DANE Texture Homogeneity Vermiculite	Morph Extinction RI		ptical Pr	operties		ner Identity	Results PLM %	PLM % Celiulose Fiberglass Other Celiulose Ondulose	PLM % Mineral Filler Organic Binders Vermiculite*
3 11 Field Number Gravimetric Required Recommended See gravimetric analysis sheel	Stereoscopic Exam Color DANE Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No	Morph Extinction RI		ptical Pr	operties			Results PLM %	PLM % Cellulose Fiberglass Other	PLM % Mineral Filler Organic Binders Vermiculite*
3 11 Field Number Gravimetric Recommended See gravimetric analysis sheet for results SM-V	Stereoscopic Exam Color DANE Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No	Morph Extinction RI		ptical Production of the second secon	operties	ref Sign Ott		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the
3 11 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results	Stereoscopic Exam Color (During and Colspan="2") Homogeneity Vermiculite Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yeoint Counts Slide 1 Slide 1 Slide 2	Morph Extinction RI		ptical Production of the second secon	operties	ref Sign Ott		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Mineral Filler Organic Binders Organic Binders Other Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 11 Field Number Gravimetric Required □ Recommended □ See gravimetric analysis sheet for results SM-V Required □ See SM-V □ analysis sheet	Stereoscopic Exam Color [] Homogeneity Vermiculite Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 PLM Slide 2	Morph Extinction RI		ptical Production of the second secon	operties	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Coller Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample
3 11 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V	Stereoscopic Exam Color Diageneity Commentiation of Layers # of Layers Asbestos # of Layers Detected Yeont Countis Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM V	Morph Extinction RI		Slide 7	operties	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Clher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Organic Binders Other Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 1 Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Sheet <tr< td=""><td>Stereoscopic Exam Color Diageneity Commentiation of Layers # of Layers Asbestos # of Layers Detected Yeont Countis Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM V</td><td>Morph Extinction RI</td><td>1 R1 D8</td><td>Slide 7</td><td>operties r, Pieo Bi Slide 8</td><td>ef Sign Ott</td><td></td><td>Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos</td><td>PLM % Cellulose Fiberglass Colher Colher Colher Synthetic High Birefningence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous</td><td>PLM % Mineral Filler Organic Binders Others Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.</td></tr<>	Stereoscopic Exam Color Diageneity Commentiation of Layers # of Layers Asbestos # of Layers Detected Yeont Countis Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM V	Morph Extinction RI	1 R1 D8	Slide 7	operties r, Pieo Bi Slide 8	ef Sign Ott		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Colher Colher Colher Synthetic High Birefningence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous	PLM % Mineral Filler Organic Binders Others Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
3 11 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Stereoscopic Exam Color D. Asbestos Homogeneity Vermiculite Hof Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM PLM Stereoscopic Exam NIE	Morph Extinction RI	1 R1 D8	Slide 7	operties	Asb./Ver. PT		Results PLM % Chrysofile Other %Asb. Or %Ver. %Asbestos Results PLM %	PLM % Cellulose Fiberglass Colher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
3 11 Field Number Gravimetric Required Image: Comparison of the second seco	Stereoscopic Exam Color () Homogeneity Vermiculite Homogeneity Vermiculite Homogeneity Vermiculite Hof Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM V Comments: Method: ELAP EPA Stereoscopic Exam Color Color Color Stereoscopic Exam Color	Morph Extinction RI	1 R1 D8	ptical Pro	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Colher Colher Colher Synthetic High Birefningence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous	PLM % Mineral Filler Organic Binders Organic Binders Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
3 11 Field Number Gravimetric Required □ Recommended □ See gravimetric analysis sheet for results SM-V Required □ See SM-V □ analysis sheet for results 4 12 Field Number Gravimetric	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction RI	1 R1 D8	ptical Pro	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Coller Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Mineral Filler Organic Binders Organic Binders Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler
3 11 Field Number Gravimetric Required Image: Constraint of the second seco	Stereoscopic Exam Color () Homogeneity Vermiculite Homogeneity Vermiculite Homogeneity Vermiculite Hof Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM V Comments: Method: ELAP EPA Stereoscopic Exam Color Color Color Stereoscopic Exam Color	Morph Extinction RI	1 R1 D8	ptical Pro	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Colher Cellulose Ondulose Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM %
3 11 Field Number Gravimetric Required Image: See gravimetric of analysis sheet for results SM-V Required See SM-V analysis sheet for results SM-V Required See SM-V analysis sheet for results Gravimetric Gravimetric Gravimetric Gravimetric Required Image: See SM-V See SM-V Gravimetric Field Number Gravimetric Gravimetric Required Recommended Image: See SM-V	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction RI	1 R1 D8	ptical Pro	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Colher Cellulose Ondulose Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite*
3 11 Field Number Gravimetric Required Image: Comparison of the co	Stereoscopic Exam Color (D. Aller Colling and the second sec	Morph Extinction RI	1 R1 DS	ptical Pro	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Colher Colher Colher Colher Strefningence Fiberglass Isotopic Synthetic High Birefningence Other Fibrous PLM % Cellulose Fiberglass Colher Cellulose Colher Fiberglass Colher Fiberglass Colher Fiberglass Colher Fiberglass Isotopic	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite*
3 11 Field Number Gravimetric Required Image: See gravimetric of the set of	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction RI	1 R1 DS	ptical Pro	operties	ef Sign Ott	Total PT	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. KASbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Colher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cellulose Cellulose Fiberglass Cellulose Sitematic figh Birefringence Synthetic High Sirefringence Synthetic High Cellulose Synthetic High Cellulose Synthetic High Cellulose Synthetic High Sirefringence Sirefringence Synthetic High Sirefringence Sirefringenc	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the
3 11 Field Number Gravimetric Required Image: Second structure See gravimetric analysis sheet for results SM-V Required Image: Sm-V analysis sheet for results See SM-V analysis sheet for results Sm-V Required Image: Sm-V See gravimetric Required See gravimetric analysis sheet for results SM-V Required Image: Sm-V See gravimetric Sm-V Required Image: Sm-V See SM-V Required See SM-V Image: Sm-V See SM-V Image: Sm-V See SM-V Image: Sm-V	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction RI	1 R1 DS	ptical Pro	operties	ef Sign Ott	Total PT	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. KASbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Colher Cellulose Other Synthetic High Birefningence Other Fiberglass Cother Fiberglass Cother Fiberglass Cellulose Fiberglass Cellulose Cellulose Cellulose Fiberglass Cother Siterfningence Siterfningence Cellulose Cellu	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite* Other
3 11 Field Number Gravimetric Required Image: Constraint of the second seco	Stereoscopic Exam Color DALL Texture	Morph Extinction RI	1 R1 DS	ptical Pro	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. KASbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Colher Colher Colher Colher Synthetic High Birefringence Colher Fibrous PLM % Cellulose Fiberglass Colher Fiberglass Colher Fiberglass Colher Fiberglass Colher Horse Hair: Scales, Colher Cellulose Colhered Colher Cellulose Colher Colhered Colher	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
3 11 Field Number Gravimetric Required Image: Comparison of the section	Stereoscopic Exam Color () () () () () () () () () () () () ()	Morph Extinction RI	1 RI DS	ptical Pro	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Colher Colher Colher Colher Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Colher Cellulose Colher Fiberglass Colher Fiberglass Colher Cellulose Colher Fiberglass Colher Cellulose Colher Colher Cellulose Cellulose Colher Cellulose Cellul	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.

EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

.

Note #2: ELAP requires method does not remove vemiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite." Note #2: ELAP requires method d98 for the analysis of surfacing material containing vermiculite (SM-V) and it utilizes a 400 point count.method, L:\LAB_FORMS,DOCUMENTS AND RECORDS\OPTICAL\ASBESTOS_BULK\ASBESTOS BULK FORMS 2022/BULK ASBESTOS ANALYSIS SHEET_FORM #B2.doc Page _____ of _____ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #B2

ATERS	
ATC	

Accreditations: NVLAP 101187-0

						3599 of 8.	000			ELAP 10879
		B	BULK ASBES	STOS ANAL	LYSIS SH	EET				Microscopes: OLYMPUS BH-2/
	Client / Project TOWN OF	E NORTH HEN	/PSTFAD/	746 PRO	SPECT A	VF	Dest.	Number Z214N	140004	NIKON OPTIPHOT
				<u></u>	J. 20. 7.		Project			~
	Analysis Date <u>1/1/</u> 420	022 Analyst _		Γ			Batch N	Number 22-	<u>138</u> т	EMPERATURE °C
1 13	Stereoscopic Exam		DI	Vi Optical P	roportion			Asbestos	Other Fibrous	Non Fibrous
Field Number	Stereoscopic Exam			•	•			Results PLM %	PLM %	PLM %
Gravimetric	Color La La Texture	Morph Extinction	RIL RI	DS Color Co	lor, Piea Bin	ef Sign Ol	ther Identity	Chrysotile	Cellulose	
Required 🗍)							Amosite	Fiberglass	Organic Binders
Recommended 🗆	Homogeneity Vermiculite							Other	Other	Vermiculite*
See gravimetric 🗆	# of Layers Asbestos									Other
analysis sheet	Colorad New							ſ		Ouler
for results	Color of Layer Detected Yes No			<u> </u>					Cellulose Ondulose Extinction	
SM-V	Point Counts Slide 1 Slide 2 S	Slide 3 Slide 4	Slide 5 Slide	e 6 Slide 7	Slide 8	Asb./Ver, PT	Total PT	%Asb. Or %Ver.	🗆 Fiberglass Isotopic	
	PLM Nal						200	υ	🛛 Synthetic High	* If vermiculite is >10% the
Required D						$_{\circ}$	100	<u> </u>	Birefringence	level of asbestos in a sample
See SM-V 🛛	NOB PLM								Low to Moderate	might be underestimated. See Note #1.
analysis sheet for results	Comments:				i delete giunei e neu su min			******	Birefringence	
ion readina	Method: ELAP EPA	SCANNING OPTIO)N	Q.	.c. 🗆					
C										II
2 14 Field Number	Stereoscopic Exam		PLI	M Optical P	roperties			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
	Color WW Texture	Morph Extinction	RI1 RI	DS Color Co	lor, Pleo Bire	ef Sign Öl	ther Identity	***********************************		hail
Gravimetric	Color WCG Texture							Chrysotile	Cellulose	Mineral Filler
Required D	Homogeneity Vermiculite							Amosite	Fiberglass	Organic Binders
Recommended								Other	Other	Vermiculite*
See gravimetric 🛛	# of Layers Asbestos	-						1		Other
analysis sheet for results	Color of Layer Detected Yes No	,							🖸 Celiulose Ondulose	
									Extinction	
SM-V	Point Counts Slide 1 Slide 2 S	Stide 3 Slide 4	Slide 5 Slide	e 6 Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	C Fiberglass Isotopic	
Required 🗆	PLM []]					Ø	150	\mathcal{O}	 Synthetic High Birefringence 	* If vermiculite is >10% the
See SM-V									🛛 Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheet	Comments:		L						Low to Moderate Birefringence	See Note #1.
for results	Comments:									
1				7	<u>с</u> П	******				
L	Method:ELAP EPA	SPANNING OPTIO)N	Q.	.C. 🗌					
³ 15				I				Asbestos	Other Fibrous	Non Fibrous
3 15 Field Number	Stereoscopic Exam		PLI	VI Optical P	roperties		ther Identity	Asbestos Results PLM %	Other Fibrous PLM %	PLM %
1 10		SCANNING OPTIO		I	roperties		ther Identity			
Field Number	Stereoscopic Exam		PLI	VI Optical P	roperties		ther Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric	Stereoscopic Exam		PLI	VI Optical P	roperties		ther Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required D Recommended D	Stereoscopic Exam		PLI	VI Optical P	roperties		ther Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric Required	Stereoscopic Exam Color Will fexture Homogeneity Vermiculite # of Layers Asbestos	Morph Extinction	PLI	VI Optical P	roperties		ther Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric Required D Recommended D See gravimetric D	Stereoscopic Exam Color <u>LUU</u> fexture <u>6</u> Homogeneity <u>Vermiculite</u>	Morph Extinction	PLI	VI Optical P	roperties		ther Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Stereoscopic Exam Color Little Asbestos # of Layers Detected Yes No	Morph Extinction	PLI	V Optical P DS Color Col	roperties lor, Pleo Bird			Results PLM %	PLM %CelluloseFiberglassOtherCellulose Ondulose	PLM %
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V	Stereoscopic Exam Color WWW Rexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S EL MODEO	Morph Extinction		V Optical P DS Color Col	roperties lor, Pleo Bird	ef Sign Oi	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Conter Cellulose Fiberglass tsotopic Synthetic High	PLM %
Field Number Gravimetric Required D Recommended D See gravimetric D analysis sheet for results	Stereoscopic Exam Color WW #exture	Morph Extinction		V Optical P DS Color Col	roperties lor, Pleo Bird	ef Sign Oi		Results PLM %	PLM %CelluloseOtherOtherOtherCellulose Ondulose ExtinctionFiberglass tsotopic	PLM % CCZ_Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V	Stereoscopic Exam Color WWW Rexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S EL MODEO	Morph Extinction		V Optical P DS Color Col	roperties lor, Pleo Bird	ef Sign Oi	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass Stotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Vermiculite* Other * If vermiculite is >10% the
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required	Stereoscopic Exam Color WW #exture	Morph Extinction		A Optical P DS Color Col	Slide 8	ef Sign Oi	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass tsotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet	Stereoscopic Exam Color WWW Fexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM Comments:	Morph Extinction	PLI RII RII	A Optical P DS Color Col	roperties lor, Pleo Bird	ef Sign Oi	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass Stotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color WWW Fexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM NOB PLM NOB PLM Comments: Method: ELAP EPA	Morph Extinction	PLI RII RII Slide 5 Slide	V Optical P DS Color Col e 6 Silde 7	roperties lor, Pleo Bird Slide 8 Slide 8 Slide 8	ef Sign Of	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass Fiberglass tsotopic Synthetic High Birefringence Low to Moderate Birefringence	PLM %
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Stereoscopic Exam Color WWW Fexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM Comments:	Morph Extinction	PLI RI I RI II Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM %	PLM % Cellulose Fiberglass Conter Cellulose Fiberglass Stotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results for results	Stereoscopic Exam Color WWW Fexture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM NOB PLM NOB PLM Comments: Method: ELAP EPA	Morph Extinction	PLI RII RII Slide 5 Slide	V Optical P DS Color Col e 6 Silde 7	roperties	ef Sign Or	Total PT	Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. () Asbestos Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM %
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results for results A 16 Field Number Gravimetric	Stereoscopic Exam Color WWW Faxture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM NOB PLM Comments: Method: Detected PLA Stereoscopic Exam	Morph Extinction	PLI RI I RI II Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Cother Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 16 Field Number Gravimetric Required	Stereoscopic Exam Color WWW Faxture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM NOB PLM Comments: Method: Detected PLA Stereoscopic Exam	Morph Extinction	PLI RI I RI II Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM %	PLM % Cellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % ACC_Mineral Filler Organic Binders
Field Number Gravimetric Required □ Recommended □ See gravimetric □ analysis sheet for results SM-V Required □ See SM-V □ analysis sheet for results 4 16 Field Number Gravimetric Required □ Reqn Required □ Req	Stereoscopic Exam Color Hornogeneity Vermiculite # of Layers Asbestos # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM EPA Comments: Method: Method: ELAP Stereoscopic Exam Color Color Homogeneity Vermiculite	Morph Extinction	PLI RI I RI II Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Cother Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Required [] See gravimetric []	Stereoscopic Exam Color WWW Texture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 S PLM NOB PLM Comments: Method: DELAP EPA Stereoscopic Exam Color WWW Texture	Morph Extinction	PLI RI I RI II Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM %	PLM % Cellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % ACC_Mineral Filler Organic Binders
Field Number Gravimetric Required □ Recommended □ See gravimetric □ analysis sheet for results SM-V Required □ See SM-V □ analysis sheet for results 4 16 Field Number Gravimetric Required □ Reqn Required □ Req	Stereoscopic Exam Color Hornogeneity Vermiculite # of Layers Asbestos # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM EPA Comments: Method: Method: ELAP Stereoscopic Exam Color Color Homogeneity Vermiculite	Morph Extinction	PLI RI I RI II Slide 5 Slide	M Optical P DS Color Col DS Color Col Color Color DS Color Col DS Color Col Color Co	roperties	ef Sign Or	Total PT	Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass tsotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Cellulose Cellulose Cellulose Cellulose Cellulose	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CC_Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color WWW Fexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Point Counts Slide 1 Slide 2 Point Counts Slide 1 Slide 2 PLM WWW Point Counts NOB PLM PLM Point Counts NOB PLM EPA E Comments: EPA E Method: ELAP EPA E Stereoscopic Exam E E E Color WWW Texture E Homogeneity Vermiculite E E # of Layers Asbestos E E Color of Layer Detected Yes No E E	Morph Extinction	PLI RI 1 RI Slide 5 Slide Slide 7 Slide PLI RI 1 RI RI 1 RI RI 1 RI RI 1 RI	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CC_Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet	Stereoscopic Exam Color WWW Fexture	Morph Extinction	PLI RI I RI II Slide 5 Slide	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther Identity	Results PLM %	PLM % Cellulose Fiberglass Cother Fiberglass tsotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Cother Fiberglass	PLM % Crganic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % ACCMineral Filter Organic Binders Vermiculite* Other
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Stereoscopic Exam Color WWW Fexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Point Counts Slide 1 Slide 2 Point Counts Slide 1 Slide 2 PLM WWW Point Counts NOB PLM PLM Point Counts NOB PLM EPA E Comments: EPA E Method: ELAP EPA E Stereoscopic Exam E E E Color WWW Texture E Homogeneity Vermiculite E E # of Layers Asbestos E E Color of Layer Detected Yes No E E	Morph Extinction	PLI RI 1 RI Slide 5 Slide Slide 7 Slide PLI RI 1 RI RI 1 RI RI 1 RI RI 1 RI	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Conter Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Sotopic Synthetic High Birefringence	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CC_Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V	Stereoscopic Exam Color WWW Fexture	Morph Extinction	PLI RI 1 RI Slide 5 Slide Slide 7 Slide PLI RI 1 RI RI 1 RI RI 1 RI RI 1 RI	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Cother Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Cellulose Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Statement Fiberglass Cother Statement Fiberglass Cother Statement Fiberglass Cother Statement Statement Statement Statement Statement Statement Cellulose Cellulose Statement Statement Cellulose Cellulose Statement S	PLM % Crganic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CCMineral Filter Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V Required [] Required [] See SM-V Required [] See SM-V Required [] Requi	Stereoscopic Exam Color Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2 Slide 2 PLM PLM PLM PLM NOB PLM EPA E Method: ELAP EPA E Stereoscopic Exam Color E E Homogeneity Vermiculite	Morph Extinction	PLI RI 1 RI Slide 5 Slide Slide 7 Slide PLI RI 1 RI RI 1 RI RI 1 RI RI 1 RI	Image: Optical P DS Color DS Color Color Color E Slide 7 DS Color Color Color DS Color Color DS Color Color DS Color	roperties	ef Sign Of	ther Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Cother Cother Cother Synthetic High Birefningence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Fiberglass Other Fiberglass Cellulose Fiberglass Cellulose Hiberglass Cellulose Fiberglass Cother Hiberglass Cother Cellulose Cother Cellulose Cother Cellulose Cellulose Cellulose Cellulose Cother Cellulose Cother Cellulose Cellulose Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose C	PLM % CC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % ACC_Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 16 Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See SM-V []	Stereoscopic Exam Color ILLU Faxture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 PLM ILL Slide 2 S Point Counts Slide 1 Slide 2 S NOB PLM ILL ILL ILL Method: IELAP IEPA ILL Stereoscopic Exam ILL ILL ILL Color MULT Texture ILL Homogeneity Vermiculite ILL ILL # of Layers Asbestos ILL ILL PLM ILL Slide 1 Slide 2 S PLM ILL ILL ILL Slide 2 S PLM ILL ILL ILL Slide 2 S PLM ILL ILL <td>Morph Extinction</td> <td>PLI RI 1 RI Slide 5 Slide N RI 1 RI Slide 5 Slide Slide 5 Slide Slide 5 Slide</td> <td>M Optical P DS Color Col B</td> <td>roperties</td> <td>ef Sign Of</td> <td>ther Identity</td> <td>Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other</td> <td>PLM % Cellulose Fiberglass Cother Cellulose Synthetic High Birefringence Other Fiborgus PLM % Cellulose Fiberglass Cellulose Cellulose Cellulose Fiberglass Cellulose Cellulose Cellulose Fiberglass Cellulose /td> <td>PLM % Crganic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CCMineral Filter Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.</td>	Morph Extinction	PLI RI 1 RI Slide 5 Slide N RI 1 RI Slide 5 Slide Slide 5 Slide Slide 5 Slide	M Optical P DS Color Col B	roperties	ef Sign Of	ther Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. C Asbestos Results PLM % Chrysotile Arnosite Other Other	PLM % Cellulose Fiberglass Cother Cellulose Synthetic High Birefringence Other Fiborgus PLM % Cellulose Fiberglass Cellulose Cellulose Cellulose Fiberglass Cellulose Cellulose Cellulose Fiberglass Cellulose	PLM % Crganic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CCMineral Filter Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results SM-V Required See SM-V analysis sheet for results Methods:	Stereoscopic Exam Color Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2 Slide 2 PLM PLM PLM PLM NOB PLM EPA E Stereoscopic Exam Color Stereoscopic Exam Color EPA E Homogeneity Vermiculite	Morph Extinction	PLI RI I RI II Slide 5 Slide Slide 5 Slide PLI PLI Slide 5 Slide Slide 5 Slide 5 Slide 5 Slide Slide 5 Slide 5 Slide Slide 5 Slide 5 Slide Slide 5 Slide 5 Slide 5 Slide Slide 5 Slide 5 Slide 5 Slide 5 Slide Slide 5 Slide 5 S	M Optical P DS Color DS Color	roperties lor, Pleo Bird Slide 8 Slide 8 Ior, Pleo Bird Slide 8 Slide 8 Slide 8 Ior, Pleo Bird Bird Ior, Pleo Bird Dird Bird Bird	ef Sign Of		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Chrysotile Amosite Other %Asb. Or %Ver. Chrysotile	PLM % Cellulose Fiberglass Cother Cellulose Cother Cother Cother Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass Cother Cellulose Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Cellulose Cellulose Fiberglass Cother Cellulose Cellulose Fiberglass Cother Cellulose Ce	PLM % Crganic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % CCMineral Filter Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.

Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

of verniculte. This method does not remove verniculte and may underestimate the level of asbestos present in a sample containing greater than 10% verniculte. Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing verniculte (SM-V) and it utilizes a 400 point count method. L:LAB_FORMS,DOCUMENTS AND RECORDS/OPTICAL/ASBESTOS_BULK/ASBESTOS BULK FORMS.2022 REVISION #34 BY MEI WANG FORM #82.doc Page _____ of _____

ATC

ATC			th Street, 8 th FL 353-8280, Fax						<u>Accreditations:</u> NVLAP 101187-0 ELAP 10879
			SBESTOS AN						Microscopes: OLYMPUS 8H-2 / NIKON OPTIPHOT
	Client / Project TOWN OF NO		AD/ 746 PR	OSPECT A	VE	Project	t Number Z214N		haton of the flor
	Analysis Date <u>1/2772022</u>	Analyst	-			Batch I	Number 22-	<u>138 </u>	
1 17 Field Number	Stereoscopic Exam	*******	PLM Optical	Properties	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color BLAC Texture	rph Extinction RI1	RII DS Color	Color, Pleo Bi	ref Sign Oth		Chrysotile	Celluiose	<u> </u>
Required				-7-		- \$	Amosite	Fiberglass	Organic Binders
Recommended	#of Layers Asbestos						Other	Other	Vermiculite*
See gravimetric analysis sheet									Olher
for results	Color of Layer Detected Yes No							Cellulose Ondulose Extinction	
SM-V	Point Counts Slide 1 Slide 2 Slide 3	B Slide 4 Slide 5	Slide 6 Slide	7 Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Fiberglass Isotopic	
Required	PLM (//							 Synthetic High Birefringence 	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🛛	NOB PLM 421 (9 (4	- 916			L (\mathcal{V}	8%	l Horse Hair: Scales, Low to Moderate	might be underestimated, See Note #1.
analysis sheet for results	Comments:							Birefringence	
	Method: DELAP DEPA DSC	ANNING OPTION		Q.C. 🗆		****			
² 18	Stereoscopic Exam		PLM Optical	Properties	;		Asbestos Results PLM %	Other Fibrous	Non Fibrous PLM %
Field Number	Color/DUILGexture_ ((+e.Mc	rph Extinction RI1	RI DS Color	Color, Pleo Bi	ref Sign Off	er Identity		PLM %	
Gravimetric Required 2	r 7			······			Chrysotile	Celluiose Fiberglass	Mineral Filler Organic Binders
Recommended	Homogeneity Vermiculite						Other	Other	Vermiculite*
See gravimetric 🗹	# of Layers Asbestos								Other
analysis sheet for results	Color of Layer Detected Yes No							Cellulose Ondulose	
SM-V	Point Counts Slide 1 Slide 2 Slide 3	3 Slide 4 Slide 5	Slide 6 Slide	7 Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Extinction	
Required 🛛	PLM							 Synthetic High Birefringence 	* If vermiculite is >10% the
See SM-V	NOB PLM							C Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheel	Comments:	<u></u>	<u> </u>					Low to Moderate Birefringence	See Note #1.
for results	Method: 🖗 ELAP 🗆 EPA 🔲 SC/	ANNING OPTION		Q.C. 🗆					
3 19	Stereoscopic Exam		PLM Optical	Proportion			Asbestos	Other Fibrous	Non Fibrous
Field Number		rph Extinction RI1	· · · · ·	Color, Pleo Bi		ner Identity	Results PLM %	PLM %	PLM %
Gravimetric							Chrysotile	Cellulose	
Required	Homogeneity Vermiculite			······			Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos					·····	Other	Other	Vermiculite*
See gravimetric analysis sheet	Color of Layer Detected Yes No		<u></u>				(ĺ	Other
for results			·· ·· · · · · · · ·				1	Collulors Ondutors	1 1
SM-V				<u> </u>		================================		Cellulose Ondutose Extinction	
	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.	Extinction	
Required 🗆	PIM (1)	3 Silde 4 Silde 5	Slide 6 Slide	7 Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Extinction Fiberglass Isotopic Synthetic High Birefringence	* If vermiculite is >10% the level of asbestos in a sample
Required 🗆 See SM-V 🗆	PIM (1)	3 Slide 4 Slide 5	Slide 6 Slide	7 Slide 8	Asb./Ver, PT		%Asb. Or %Ver.	Extinction D Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate	
Required 🗆	PLM S(1) NOB PLM Comments:				Asb.Ner. PT		%Asb. Or %Ver.	Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
Required See SM-V analysis sheet for results	PLM S(1) NOB PLM Comments:	3 Slide 4 Slide 5		7 Slide 8	Asb./Ver, PT		U	Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Mair: Scales, Low to Moderate Birefringence	level of asbestos in a sample might be underestimated. See Note #1.
Required See SM-V analysis sheet	PLM S(1) NOB PLM Comments:			Q.C. []			%Asb. Or %Ver.	Extinction D Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate	level of asbestos in a sample might be underestimated.
Required See SM-V analysis sheet for results	PLM (() NOB PLM Comments: Method: ELAP EPA SC. Stereoscopic Exam		PLM Optical	Q.C. []	5		Asbestos	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous	level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous
Required See SM-V analysis sheet for results 4 20 Field Number	PLM NOB PLM Comments: Method: ELAP EPA SC, Stereoscopic Exam ColorTALTextureMC	ANNING OPTION	PLM Optical	Q.C.	5	-20	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color THAL Texture Homogeneity Vermiculite	ANNING OPTION	PLM Optical	Q.C.	5	-20	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Low to Moderate Birefringence Other Fibrous PLM % Cellulose	level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Required See gravimetric	PLM NOB PLM Comments: Method: ELAP EPA SC, Stereoscopic Exam ColorTALTextureMC	ANNING OPTION	PLM Optical	Q.C.	5	-20	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Recommended	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color THAL Texture Homogeneity Vermiculite	ANNING OPTION	PLM Optical	Q.C.	5	-20	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % OC_Mineral Filter Organic Binders Vermiculite*
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Recommended See gravimetric analysis sheet	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color	ANNING OPTION	PLM Optical	Q.C. Properties Color, Pleo Bi	5	ner Identity	Asbestos Results PLM %	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Cother	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % OC_Mineral Filter Organic Binders Vermiculite*
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide	ANNING OPTION	PLM Optical RI II DS Color	Q.C. Properties Color, Pleo Bi	rel Sign Ott	ner Identity	Asbestos Results PLM % Chrysolile Arnosite Other %Asb. Or %Ver.	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Extinction	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % COC_Mineral Filter Organic Binders Vermiculite* Other If vermiculite is >10% the
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required Required See gravimetric analysis sheet for results SM-V	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide	ANNING OPTION	PLM Optical RI II DS Color	Q.C. Properties Color, Pleo Bi	s ref Sign Ott	- OO	Asbestos Results PLM % Chrysotile Armosite Other	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Fiberglass Isotopic Synthetic High	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Off_Mineral Filter Organic Binders Other Other * If vermiculite is >10% the Ievel of asbestos in a sample might be underestimated.
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	PLM NOB PLM Comments: Method: ELAP EPA Sc. Stereoscopic Exam Color	ANNING OPTION	PLM Optical RI II DS Color	Q.C. Properties Color, Pleo Bi	s ref Sign Ott	- OO	Asbestos Results PLM % Chrysolile Arnosite Other %Asb. Or %Ver.	Extinction Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Synthetic High Birefringence Horse Hair: Scales,	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Other Other * If vermiculite is >10% the Ievel of asbestos in a sample
Required See SM-V analysis sheet for results 4 20 Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V Required See SM-V	PLM NOB PLM Comments: Method: ELAP EPA SC Stereoscopic Exam Color THE Texture Hemogeneity Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide PLM NOB PLM NOB PLM Comments: Method: CELAP EPA SC	ANNING OPTION	PLM Optical RI II DS Color Slide 6 Slide	Q.C.	s ref Sign Ott	Total PT	Asbestos Results PLM % Chrysolile Arnosite Other %Asb. Or %Ver.	Extinction Extinction Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	Ievel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Off_Mineral Filter Organic Binders Other Other * If vermiculite is >10% the Ievel of asbestos in a sample might be underestimated.

Asbestos in Bulk Insulation Samples - 4 Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8 D CFR (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 quantific 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. LiLAB_FORMS,DOCUMENTS AND RECORDSYOPTICALASBESTOS BULKASBESTOS BULKASBESTOS BULKASBESTOS ANALYSIS SHEET_FORM #82.doc Page _____ of ______ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #82

ATEAS_
ATC

ATC									(, NY 1001 -3599 or 8				<u>Accreditations:</u> NVLAP 101187-0 ELAP 10879
				-		SBESTO							<u>Microscopes:</u> OLYMPUS BH-2 / NiKON OPTIPHOT
	Client / Project TOV					AD/ 74	6 PROS	SPECT A	AVE		Number Z214N		27
	Analysis Date <u>1 / ,</u>	ίμ	<u> </u>	_ Analyst			1			Batch I		-	
1 21 Field Number	Stereoscopic Exan	n A	Marah	Extinction	RII		ptical Pr			haa (daatik)	Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric		6			RI1	RI DS		, Pieto Di		her Identity	Chrysotile	Cellutose	Mineral Filler
Required 🗆	Homogeneity Vermiculite										/Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos		T								Other	Other	Vermiculite*
See gravimetric 🗆 analysis sheet	Color of Layer Detected	Yes No										🛙 Cellulose Ondulose	Other
for results			<u> </u>									Extinction	
SM-V		de 2 S	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT	Total PT	%Asb. Or %Ver.	Synthetic High	* If vermiculite is >10% the
Required 🗌		,		}						000	ω	Birefringence 🛙 Horse Hair: Scales,	level of asbestos in a sample
See SM-V	NOB PLM				*******	läherbelan keinanan kanaar						Low to Moderate Birefringence	might be underestimated. See Note #1.
for results	Comments: Method: SELAP SELAP	A			<u></u>			c. 🗆			MMM-C-844		
ļ			a SCANF					.					
2 22 Field Number	Stereoscopic Exan	n				PLM O	ptical Pr	operties	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color WW Fexture	6	Morph	Extinction	RLI	RII DS	Color Colo	or,₽leo Bi	ref Sign Ol	her Identity	¢hrysotile	Cellulose	
Required 🗍	Homogeneity Vermiculite	×	↓								Arnosite	Fiberglass	Organic Binders
Recommended 🛛	, <u> </u>		1			······································	····· ····				Other	Other	Vermiculite*
See gravimetric 🗌 analysis sheet	# of Layers Asbestos						·····	······ ····			(Other
for results	Color of Layer Detected	Yes No	·									Celluiose Onduiose Extinction	
SM-V	Point Counts Slide 1 Sli	ide 2 S	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. PT		%Asb. Or %Ver.	Fiberglass isotopic	
Required 🗆	PLM X/20								$\square \mathcal{O}$	200	()	 Synthetic High Birefringence 	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🗇			-								C	□ Horse Hair: Scales, Low to Moderate	might be underestimated. See Note #1.
anatysis sheet for results	Comments:			-			······					Birefringence	
	Method: 💭 ELAP 🗌 EP/	A F	ASCANN	ING OPTH	ON			C. 🗆				1	1
ļ	·····						G.					L	J
3 23 Field Number	Stereoscopic Exar						ptical Pr	opertie			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous
	Stereoscopic Exar Color BPD Texture			Extinction	RI1			opertie		her Idenlity		•	
Field Number	<u> </u>	n 6			RI 1		ptical Pr	opertie		her identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric	Color BHD Texture Homogeneity Vermiculite	n 6			RI 1		ptical Pr	opertie		her Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required Recommended See gravimetric	Color BHO Texture Homogeneity Vermiculite # of Layers Asbestos	n 6 	Morph		RI 1		ptical Pr	opertie		her Identity	Results PLM % Chrysotile mosite	PLM % Celtulose Fiberglass Other	PLM %
Field Number Gravimetric Required D Recommended D	Color BHD Texture Homogeneity Vermiculite	n 6 	Morph		RI 1		ptical Pr	opertie		her Identity	Results PLM % Chrysotile mosite	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Ondulose Extinction	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Color BHD Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected	n 6 3 Yes No	Morph		RI 1		ptical Pr	opertie			Results PLM % Chrysotile mosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [] Recommended [] See gravimetric [] analysis sheet for results	Color BHDG Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PIM Lay	n 6 3 Yes No	Morph	Extinction			ptical Pr 3 Color Colo	operties	ref Sign Oi		Results PLM % Chrysolile mosite Other	PLM % Cellulose Fiberglass Clher Cellutose Ondulose Extinction Fiberglass Isotopic Synthetic High Biretringence	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V	Color BHDG Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PIM Lay	n 6 3 Yes No	Morph	Extinction			ptical Pr 3 Color Colo	operties	ref Sign Of	Total PT	Results PLM % Chrysolile mosite Other	PLM % Cellulose Fiberglass Clher Cellulose Fiberglass Stotopic Synthetic High Bitefringence Horse Hair; Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required	Color BHD Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM NOB PLM Comments:	n C Yes No ide 2	Morph	Extinction	Slide 5		Slide 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysolile mosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculile is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Color BHDH Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM QHS NOB PLM	n C Yes No ide 2	Morph	Extinction	Slide 5		Slide 7	operties	ref Sign Of	Total PT	Results PLM % Chrysolile Chrysolile Other KASb. Or %Ver.	PLM % Cellulose Fiberglass Clher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	Color BHD Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM NOB PLM Comments:	n Yes No ide 2 S	Morph	Extinction	Slide 5	Ri DS	Slide 7	Slide 8	Asb./Ver. PT	Total PT	Results PLM % Chrysolile mosite Other	PLM % Cellulose Fiberglass Clher Cellulose Fiberglass Stotopic Synthetic High Bitefringence Horse Hair; Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculile is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Color BH Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM NOB PLM NOB PLM Comments: Method: ELAP EP/	n Yes No ide 2 S	Morph Slide 3	Extinction	Slide 5	RI DS	Slide 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Chrysotile Other KASb. Or %Ver. C Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number	Color BHU Texture	n Yes No ide 2 §	Morph Slide 3	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Chrysotile Other KAsb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Clher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair; Scales, Low to Moderate Birefringence Other Fibrous	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Color BHC Texture	n Yes No ide 2 §	Morph Slide 3	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Other Other %Asb. Or %Ver. Ø Asbestos Results PLM % Chrysotile	PLM % Cellulose Fiberglass Clher Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Biretringence Horse Hair; Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Mineral Filler Organic Binders Vermiculite* Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Field Number Gravimetric Required Required See gravimetric Required See gravimetric Required See gravimetric Required	Color BHU Texture	n Yes No ide 2 §	Morph Slide 3	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Chrysotile Other KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 24 Field Number Gravimetric Required Required Recommended	Color BHC Texture	n Yes No ide 2 \$ A [n (1) a	Morph	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	Total PT	Results PLM % Chrysotile Chrysotile Other KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Gravimetric analysis sheet for results Gravimetric Gravimetric Required Required Recommended See gravimetric analysis sheet in results	Color BHU Texture	n Yes No ide 2 § A E n () Yes No	Morph	Extinction	Slide 5	RI DS	ptical Pr S Color Cold S Side 7	Slide 8	ref Sign Of	her Identity	Results PLM % Chrysotile Chrysotile Other KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Other Synthetic High Birefringence Synthetic High Birefringence Other Fiberglass Cellulose Fiberglass Other Cellulose Fiberglass Other Fiberglass Other Fiberglass Fib	PLM % Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite*
Field Number Gravimetric Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results A Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Recommended See gravimetric See gravim	Color BHC Texture	n Yes No ide 2 § A E n () Yes No	Morph Morph Slide 3	Extinction Slide 4	Slide 5	RI DS Slide 6 PLM O RI DS	ptical Pr S Color Cold S Color Cold S Slide 7 Q,4 ptical Pr S Color Cold	operties or, Pleo Bi	ref Sign Of	her Identity	Results PLM % Chrysotile Chrysotile KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Armosite Other Chrysotile Chrysotile Chrysotile	PLM % Cellulose Fiberglass Other Cellulose Extinction Fiberglass Isotopic Synthetic High Bitefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Extinction Cellulose Extinction	PLM % PLM % Provide the second sec
Field Number Gravimetric Gravimetric Gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Color BHC Texture	n Yes No ide 2 § A E n () Yes No	Morph Morph Slide 3	Extinction Slide 4	Slide 5	RI DS Slide 6 PLM O RI DS	ptical Pr S Color Cold S Color Cold S Slide 7 Q,4 ptical Pr S Color Cold	operties or, Pleo Bi	ref Sign Of	her Identity	Results PLM % Chrysotile Chrysotile KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Armosite Other Chrysotile Chrysotile Chrysotile	PLM % Cellulose Fiberglass Other Coller Synthetic High Biretringence Fiberglass Isotopic Synthetic High Biretringence Other Fibrous PLM % Cellulose Fiberglass Other Fiberglass Other Synthetic High Cellulose Fiberglass Fi	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Other Other Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results A Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Required See gravimetric SM-V Required M-V Required SM-V Required SM-V Required SM-V Required SM-	Color BHU Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Sli PLM PLM NOB PLM EP Comments: Method: EELAP EP Stereoscopic Exar Color Vermiculite # of Layer Detected Point Counts Slide 1 Sli PLM Ni	n Yes No ide 2 S A C Yes No ide 2 S Yes No	Morph	Extinction Slide 4 Slide 4 Slide 4	Slide 5	RI DS Slide 6 PLM O RI DS	ptical Pr S Color Cold S Color Cold S Slide 7 Q. Ptical Pr S Color Cold S Color Cold	operties	ref Sign Of	her Identity	Results PLM % Chrysotile Chrysotile KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Armosite Other Chrysotile Chrysotile Chrysotile	PLM % Cellulose Fiberglass Other Gelfulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Gelfulose Fiberglass Other Horse Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results A 24 Field Number Gravimetric Required Recommended See gravimetric Required Recommended See SM-V Required ee SM-V Required See S	Color BHU Texture	n Yes No ide 2 S A C Yes No ide 2 S Yes No	Morph	Extinction Slide 4 Slide 4 Slide 4 Slide 4 Slide 4 Slide 4	Slide 5 ON R11 Slide 5 Slide 5	Ri DS Slide 6 PLM O Ri DS Slide 6	ptical Pr S Color Cold S Color Cold S Color Cold Q. Slide 7 S Color Cold Slide 7	C. □	ref Sign Of	her Identity	Results PLM % Chrysotile Chrysotile KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Armosite Other Chrysotile Chrysotile Chrysotile	PLM % Cellulose Fiberglass Other Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Gutulose Ondulose Extinction Fiberglass Other Gutulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Other Other Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 24 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results 5 A C Required See gravimetric analysis sheet for results SM-V Required See SM	Color BHC Texture	n Yes No ide 2 S A C Yes No ide 2 S A C A C No	Morph Bilde 3 Bilde 3 Slide 3 Slide 3 Slide 3	Extinction Slide 4	Slide 5	RI DS 	ptical Pr S Color Cold Slide 7 Q.1 Slide 7 Q.2 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7	C. C. TROLLET	ref Sign Of Asb./Ver. PT	her Identity	Results PLM % Chrysotile Chrysotile Colher KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Arnosite Other KASb. Or %Ver.	PLM % Cellulose Fiberglass Colher Cellulose Colher Colher Synthetic High Biretringence Fiberglass Isotopic Synthetic High Biretringence Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Surfacing material that	PLM % PLM % PLM % Provide the second state of the second second state of the secon
Field Number	Color BHU Texture	n Yes No ide 2 S A C Yes No ide 2 S A C Yes No ide 2 S A C Yes No	Morph Blide 3 Blide 3 Blid	Extinction Slide 4 Sli	RI 1 RI 1 Slide 5 Slide 5 Slide 5 ON RI 1 Slide 5 Slid	RI DS Slide 6	ptical Pr S Color Cold S Color Cold S Color Cold Q. S lide 7 Q. S Lide 7 S Color Cold S	C. □ Slide 8 Slide 8 C. □ TROLLEI is of sampl quires meth nd may und urfacing me	ref Sign Of Asb./Ver. P1 Asb./Ver. P1 Asb./Ver. P1 Asb./Ver. P1 C C C C C C C C C C C C C	her Identity her Identity	Results PLM % Chrysotile Chrysotile Colher KASb. Or %Ver. Chrysotile Asbestos Results PLM % Chrysotile Arnosite Other KASb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Cellulose Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cellulose Fiberglass Cother Fiberglass Cother Fiberglass	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Other Vermiculite* Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Other If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Cother If vermiculite is >10% the tevel of asbestos in a sample might be underestimated. See Note #1. Cother Other

-ATEAS
ATC

ATC										k, NY 100 [.] -3599 or 8				Accreditations: NVLAP 101187-0 ELAP 10879
		-					SBESTO							Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT
		,	INDER 1727/		_ Analyst		AD/ /4	<u>6 PROS</u>	SPECT /	AVE		Number Z214N Number 22-	138	······),
1 25				 I				<u>t</u>				Asbestos	Other Fibrous	Mon Fibrous
Field Number		oscopic E	Exam	Momb	Extinction	RIL			or, Pleo Bi		ther identity	Results PLM %	PLM %	/ PLM %
Gravimetric	Color 1910	Textu	re 🔶									Chrysotile	Cellulose	Mineral Filler
Required 🗋	Homogeneity	Vermi	ículite									Amosite	Fiberglass	0rganic Binders
Recommended	# of Layers	Asbes	stos	Τ		. <u> </u>						Other	Other	Vermiculite*
See gravimetric analysis sheet for results	Color of Layer_		ted Yes	No								/	Cellulose Ondulose Extinction	Other
SM-V	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. P	T Total PT	%Asb. Or %Ver.	Fiberglass Isotopic	
Required D	PLM	Nar				5				1	100	/i	 Synthetic High Birefringence 	* If vermiculite is >10% the
See SM-V	NÓB PLM	450				/					<u>~~</u>	(/	🗆 Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheet	Comments:					l			<u></u>	L			Low to Moderate Birefringence	See Note #1.
for results	Method: 🖉 El		EPA		NING OPTI	ION		Q.	c . □		***************************************			
2 26	· ·											Asbestos	Other Fibrous	Non Fibrous
2 26 Field Number	Stereo	scopic E	Exam						ropertie			Results PLM %	PLM %	/ PLM %
Gravimetric	Color BIV	A Textu	re	Morph	Extinction	RI1	RI DS	Color Cole	or, Pieo Bi	ref Sign C	other Identity	Chrysotile	Cellulose	100 Mineral Filler
Required 🗆	Homogeneity		iculite	/—	. <u></u>					<u></u>		Amosite	Fiberglass	Organic Binders
Recommended 🗋		1										Other	Other	Vermiculite*
See gravimetric	# of Layers	Asbe	stos					······						Other
analysis sheet for results	Color of Layer	Detec	ted Yes	No				······				1	Cellulose Ondulose	
SM-V	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb.Ner. P	T Total PT	%Asb. Or %Ver.	C Fiberglass Isotopic	
Required 🗌	PLM	OIS	4 ~		-7					O	rio	\mathcal{O}	Synthetic High Birefringence	* If vermiculite is >10% the
See SM-V 🗆	NOB PLM	-t-			-/	<u> </u>					1		D Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheet	Comments:			L		1	I		I	I	1		Birefringence	See Note #1.
for results	Method: 🗹 Él						·						1	1
		ւոթ լ։	EPA	LPSCAN	NING OPTI	ION		Q.	c. 🗆					
3 27 Field Number	·····				NING OPTI	ion 	PLM O		C. 🗆	5		Asbestos Results PLM %	Other Fibrous	Non Fibrous PLM %
Field Number	Stereo	oscopic I	Exam		Extinction			ptical Pi			Plher Identity	Results PLM %	PLM %	PLM %
3 27 Field Number Gravimetric Required I	Sterec Color_B/W	Discopic I Mextu	Exam					ptical Pi	ropertie		Plher Identity		1	PLM %
Field Number Gravimetric	Stereo	oscopic I	Exam					ptical Pi	ropertie		Diher Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required 🕼	Sterec Color_B/W	Discopic I Mextu	Exam re					ptical Pi	ropertie		Viher Identity	Results PLM %ChrysotileAmosite	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet	Sterec Color_19720 Hormogeneity	UTextu	Exam re	Morph				ptical Pi	ropertie		Siher Identity	Results PLM %ChrysotileAmosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required I Recommended See gravimetric I analysis sheet for results	Sterec Color 1910 Homogeneity # of Layers Color of Layer	UTextu Vermi Asbei	Exam re 1/ - iculite stos cted Yes	Morph	Extinction	RI1		ptical Pi	ropertie:	ref Sign C		Results PLM % Chrysofile Amosite Other	PLM % Cellulose Fiberglass Other	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V	Sterec Color MW Hornogeneity # of Layers Color of Layer Point Counts	UTextu	Exam	Morph				ptical Pi	ropertie			Results PLM %ChrysotileAmosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High	PLM %
Field Number Gravimetric Required I Recommended See gravimetric I analysis sheet for results	Sterec Color 19/100 Homogeneity # of Layers Color of Layer Point Counts PLM	UTextu UTextu Vermi Asbei Detec Slide 1	Exam re 1/ - iculite stos cted Yes	Morph	Extinction	RI1		ptical Pi	ropertie:	ref Sign C		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM %CelluloseCither Conter Conter Conter Conter Fiberglass Conter Fiberglass Isotopic	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is > 10% the level of asbestos in a sample
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V	Sterec Color 19/100 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM	UTextu Vermi Asbei	Exam re 1/ - iculite stos cted Yes	Morph	Extinction	RI1		ptical Pi	ropertie:	ref Sign C		Results PLM % Chrysofile Amosite Other	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required	Sterec Color <u>P</u> /LU Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments:	UTextu Vermi Asbei Detec Slide 1	Exam re	No Stide 3	Slide 4	RI1		S Color Colo	ropertie:	ref Sign C		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Callulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Sterec Color 19/100 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM	UTextu Vermi Asbei Detec Slide 1	Exam re 1/ - iculite stos cted Yes	No Stide 3	Extinction	RI1		S Color Colo	ropertie:	ref Sign C		Results PLM % Chrysotile Other %Asb. Or %Ver. U	PLM % Cellulose Fiberglass Other Callulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filler Organic Binders Vermiculite' Other * If vermiculite is > 10% the level of asbestos in a sample might be underestimated, See Note #1.
Field Number Gravimetric Required Gravimetric Recommended Gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	Sterec Color 19/120 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: D E	UTextu Vermi Asbei Detec Slide 1	Exam re // · iculite stos stos Stide 2 Stide 2 D EPA	No Stide 3	Slide 4	RI1	Ri II DS	Slide 7	ropertie:	ref Sign C		Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Callulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 28 Field Number	Sterec Color 19/120 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: D E	Discopic E La Textu Verm Asbei Detec Slide 1 O M LAP	Exam re	No Slide 3	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie:	ref Sign C		Results PLM % Chrysolile Arnosite Other KASb. Or %Ver. KASbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite' Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated, See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Sterec Color 17/100 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color MUU	Detector Slide 1	Exam re	No Slide 3	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler
Field Number Gravimetric Required See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Sterec Color P/120 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: El Sterec (M1113)	Detector Slide 1	Exam re	No Slide 3	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other KASb. Or %Ver. KASb. Or %Ver. Kasbestos Results PLM % Chrysotile	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Diose hair; Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler
Field Number Gravimetric Required Gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 28 Field Number Gravimetric Required Q	Sterec Color 17/100 Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color MUU	Detector Slide 1	Exam re	No Slide 3	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. U Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Birefringence Other Fiberous PLM % Cellulose Fiberglass	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders
Field Number Gravimetric Required Gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 28 Field Number Gravimetric Required Q Recommended	Sterec Color MUC Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method:E Sterec Color MUC Homogeneity	Detectors Detectors Slide 1 Detectors Slide 1 Detectors Slid	Exam re	No Morph	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie:	ref Sign C	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. U Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Griberglass Isotopic Synthetic High Birefringence Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cother Cother Cellulose Cother Cother Cellulose Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cell	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated, See Note #1. Non Fibrous PLM % Mineral Filler Grganic Binders Vermiculite'
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 28 Field Number Gravimetric Required See gravimetric Recommended See gravimetric See gravimetric Canalysis sheet for results	Sterec Color P/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color MM0 Homogeneity # of Layers	Detectors Detectors Slide 1 Detectors Slide 1 Detectors Slid	Exam re	No Morph	Slide 4	RI1	Ri II DS	ptical Pi S Color Colo S Color Colo S Color Colo S Color Colo S Color Color S Color Color S Color Color S Color Color Color Color Color Color S Color	ropertie:	ref Sign C	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. U Asbestos Results PLM % Chrysotile Arnosite	PLM % Cellulose Fiberglass Cother Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated, See Note #1. Non Fibrous PLM % Mineral Filler Grganic Binders Vermiculite'
Field Number Gravimetric Required P Recommended See gravimetric analysis sheet for results 4 28 Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Required See gravimetric	Sterec Color P/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: El Sterec Color MMU Homogeneity # of Layers Color of Layer Point Counts	Detec	Exam re	No Morph	Slide 4	RI1 Slide 5 Nide 5 RI1	Ri II DS	ptical Pi S Color Colo S Color Co	C. C	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other KASb. Or %Ver. KASbestos Results PLM % Chrysotile Arnosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Cother Synthetic High Cellulose Fiberglass Cother Synthetic High Synthetic High Synthetic High Synthetic High Synthetic High Cellulose Synthetic High Synthetic High Synthetic High Synthetic High Synthetic High Cellulose Synthetic High Cellulose Character Cother Synthetic High Cellulose Cellulose Synthetic High Synthetic High Synthetic High Cellulose Cellulose Cellulose Cellulose Synthetic High Cellulose Cellulose Cellulose Cellulose Cellulose Cellulose Synthetic High Cellulose Cell	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated, See Note #1. Non Fibrous PLM % Mineral Filler Grganic Binders Vermiculite'
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Stee SM-V analysis sheet for results Field Number Gravimetric Required See gravimetric analysis sheet for results See gravimetric analysis sheet for results SM-V Required See gravimetric analysis sheet for results	Sterec Color P/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color D/0000 Hornogeneity # of Layers Color of Layer Point Counts PLM	Detec	Exam re	No Morph	Slide 4	RI1 Slide 5 Nide 5 RI1	Ri II DS	ptical Pi S Color Colo S Color Co	C. C	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Collulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Fiberglass Horse Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Grganic Binders Vermiculite' Other If vermiculite is >10% the
Field Number Gravimetric Required P Recommended See gravimetric analysis sheet for results 4 28 Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Required See gravimetric	Sterec Color 19/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color (D)/00 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM	Detec	Exam re	No Morph	Slide 4	RI1 Slide 5 Nide 5 RI1	Ri II DS	ptical Pi S Color Colo S Color Co	C. C	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other KASb. Or %Ver. KASbestos Results PLM % Chrysotile Arnosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Gellulose Cellulose Cellulose Fiberglass Cother Giter Fiberglass Cother Synthetic High Birefringence Synthetic High Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Cother Cellulose Cother Cellulose Cother Synthetic High Birefringence Cellulose Cother Cellulose Cellulose Cother Cellulose Cellulo	PLM % Mineral Filler Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite' Other If vermiculite is >10% the level of asbestos in a sample
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results See SM-V analysis sheet for results Field Number Gravimetric Required See gravimetric analysis sheet for results See gravimetric analysis sheet for results SM-V Required See gravimetric analysis sheet for results SM-V Required	Sterec Color 19/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: D El Sterec Color of Layer # of Layers Color of Layer Point Counts PLM NOB PLM NOB PLM Comments:	Detectors Detectors Detectors Slide 1 Detectors Slide 1 Detectors Detectors Slide 1 Ummasses Detectors Slide 1 Ummasses Detectors Slide 1	Exam re	No Morph Slide 3	Extinction Slide 4	RI1 Slide 5 Image: Slide 5	Ri II DS	ptical Pi S Color Colo S Color Colo S Slide 7 Q. Slide 7 S Color Colo S Color Colo S Color Colo S Color Colo S Color Colo	ropertie: or, Pleo B Silde 8	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fiberglass Cellulose Fiberglass Cellulose Cellulose Fiberglass Cother Cellulose Fiberglass Cother Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Field Number Gravimetric Required See gravimetric Recommended See gravimetric analysis sheet for results See gravimetric Recommended See gravimetric See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Sterec Color 19/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: D El Sterec Color of Layer # of Layers Color of Layer Point Counts PLM NOB PLM NOB PLM Comments:	Detectors	Exam re	No Morph	Slide 4 Slide 4 Slide 4 Slide 4 Slide 4 NING OPTI	RI1 Silde 5 Silde 5 Silde 5 Silde 5 Silde 5	Rill DS Siide 6	ptical Pi S Color Colo S lide 7 Q. ptical Pi S Color Colo S Side 7	C. Slide 8 Slide 8 C.	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. V	PLM % Cellulose Fiberglass Cother Cother Cellulose Ondulose Extinction Synthetic High Birefringence Other Fiberglass Low to Moderate Birefringence Cellulose Cellulose Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cell	PLM % Mineral Filler Organic Binders Vermiculite' Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite' Other ' If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Sterec Color P/100 Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color of Layer Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: PLM NOB PLM Comments: PLM NOB PLM Comments: PLM NOB PLM	Detect Detect Slide 1 Detect Complexed to the second	Exam re	No Slide 3		RI1 RI1 Slide 5 KON Slide 5 KON KI1 Slide 5 KON KI1 KI1 KI1 KI1 KI1 KI1 KI1 KI	Ri DS Slide 6	ptical PI S Color Colo S Color Colo S Slide 7 Q. Slide 7 S Color Colo S Color	ropertie: or, Pleo B Silde 8 C. Silde 8 Silde 8 C. TROPERTIE: or, Pleo B	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. U file, with the exception of y ELAP 198.6. This met	PLM % Cellulose Fiberglass Cother Collulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Fiberglass Cother Fiberglass Cother Sizeffingence Fiberglass Cother Fiberglass Fiberglass Fiberglass Fiberglass Cother Fiberglass Fiberg	PLM % Mineral Filler Organic Binders Vermiculite Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Vermiculite Organic Binders Vermiculite Cother If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Contains vermiculite entification and quantification
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Field Number Gravimetric Required See gravimetric Recommended See gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results SM-V Required See SM-V analysis sheet for results Methods: EPA Interim M Aspendix E to EPA 600/R-93	Sterec Color PAC Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method: E Sterec Color MWW Hornogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: PLM NOB PLM Comments: Point Counts PLM NOB PLM Comments: Point Counts PLM NOB PLM Comments: Point Counts PLM NOB PLM Comments: Point Counts PLM NOB PLM Comments: Point Counts PLM NOB PLM Comments : Point Counts PLM NOB PLM Comments : PLM NOB PLM Comments : PDINT Counts PLM NOB PLM Comments : PLM NOB PLM Comments : PLM Comments : PLM Comm	Asbeit Control Contro	Exam re	No No Slide 3 Slide 3 Slide 3 Slide 3 No Slide 3		RI 1 RI 1 Silde 5	Rill DS Slide 6	ptical PI S Color Colo S Color Colo S Color Colo S Slide 7 Q. Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7 Slide 7	ropertie: or, Pleo B Slide 8 C. Slide 8 Slide 8 C. Slide 8	ref Sign C	T Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. U	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Getter Fibrous PLM % Cellulose Gother Fiberglass Isotopic Gynthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Horse Hair: Scales, Low to Moderate Birefringence Gynthetic High Birefringence Gother Getter Scales, Low to Moderate Birefringence Gynthetic High Birefringence Gynthetic High Birefringence Gynthetic High Birefringence Gother than do das limitations for Id containing greater than doo point count method.	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Grganic Binders G

-47-5-5-
ATC

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010

							, NY 1001 3599 or 83				<u>Accreditations:</u> NVLAP 101187-0 ELAP 10879
			BULK AS								Microscopes: OLYMPUS BH-2/
	Client / Project TOWN O		MPSTE	AD/ 74	6 PROS	PECT A	VE	Project	Number Z214N	IH0004	NIKON OPTIPHOT
	Analysis Date $1/21/2$	022 Analyst			40	<u> </u>		Batch N	Number 22-	<u>138</u>	
1 29	Stereoscopic Exam	1		PLM O	ptical Pr	operties	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Field Number Gravimetric	Color Belf Fexture	Morph Extinction	RÍ1	RI DS	Color Colo	r, Pleo Bir	ef Sign O1	her Identity	Chrysotile	Cellulose	A Mineral Filler
Required 2]							Amosite	Fiberglass	Organic Binders
Recommended 🛛	Homogeneity Vermiculite			······ ····					Other	Other	U
See gravimetrig	# of Layers Asbestos										Other
for results	Color of Layer Detected Yes N	°								Cellulose Ondulose Extinction	
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.	Fiberglass Isotopic Overthetic High	
Required 🗌	PLM									Synthetic High Birefringence	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🛛							U	m		 Horse Hair: Scales, Low to Moderate Birefringence 	might be underestimated. See Note #1.
analysis sheet for results	Comments:	[, ["]				Direitaigente	
	Method: / ELAP DEPA /	SCANNING OPTI	ON		Q.u	⊃. □					<u> </u>
2 30 Field Number	Stereoscopic Exam			PLM O	ptical Pr	operties	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color BCIL Texture 11F	Morph Extinction	RL	RI DS	Color Colo	r, Pleo Bi	ref Sign Ot	her Identity	Chrysotile	Cellulose	<u> </u>
Required 🖵		/							Amosite	Fiberglass	Organic Binders
Recommended 🗍	# of Layers Asbestos								Other	Other	Vermiculite*
See gravimetric 🔎 analysis sheet											Other
for results	Color of Layer Detected Yes N									Cellulose Ondulose	
SM-V	+-	Slide 3 Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver, PT	Total PT	%Asb. Or %Ver.	Fiberglass Isotopic Synthetic High	
Required 🗍	i i i i i i i i i i i i i i i i i i i							<u> </u>		Birefringence	* If verniculite is >10% the level of asbestos in a sample
See SM-V 🗍 analysis sheet	NOB PLM						ΰ	\sim		Low to Moderate Birefringence	might be underestimated. See Note #1.
										<i>i</i> –	F
for results			ON		Q.(C. 🗆					
for results	Method: 🛛 ELAP 🗆 EPA		ON			C. 🗆			Asbestos	Other Fibrous	Non Fibrous
		/			ptical Pr	operties		her idenlify	Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
for results	Method: 🛛 ELAP 🗆 EPA					operties		her Idenlity			
for results 3 31 Field Number Gravimetric Required []	Method: ELAP EPA	/			ptical Pr	operties		her Idenlity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass	PLM %
for results 3 31 Field Number Gravimetric Required D Recommended	Method: EKAP EPA Stereoscopic Exam Color IIIIO Pexture Homogeneity Vermiculite	/			ptical Pr	operties		her identity	Results PLM %	PLM %	PLM %
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric	Method: EKAP EPA Stereoscopic Exam Color /////Texture /// Homogeneity // Vermiculite // # of Layers Asbestos	Morph Extinction			ptical Pr	operties		her idenlity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass	PLM %
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric for results	Method: EKAP EPA Stereoscopic Exam Color flll() Texture /// Homogeheity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N		RI 1		ptical Pr	operties r, Pleo Bi	ref Sign OL		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other	PLM %
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric See gravimetric Set gravimetric SM-V	Method: EKAP EPA Stereoscopic Exam Color full() Texture Homogeneity Vermiculite fof Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2	Morph Extinction			ptical Pr	operties			Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High	PLM % Mineral Filler Organic Binders Vermiculite* Other
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric for results SM-V Required	Method: EKAP EPA Stereoscopic Exam Color full() Texture /// Homogeneity Vermiculite // # of Layers Asbestos // Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLM		RI 1		ptical Pr	operties r, Pleo Bi	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM %
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	Method: EKAP EPA Stereoscopic Exam Color full() Texture Homogeneity Vermiculite fof Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2		RI 1		ptical Pr	operties r, Pleo Bi	ref Sign OL		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Fiberglass Isotopic Synthetic High Birefringence	PLM %Mineral FillerOrganic BindersVermiculite*Other _* If vermiculite is >10% the level of asbestos in a sample
for results 3 31 Field Number Gravimetric Required See gravimetric.Pr analysis sheet for results SM-V Required See SM-V	Method: EKAP EPA Stereoscopic Exam Color IIII Texture III Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes N Point Counts Slide 1 Slide 2 PLM NOB PLM		RI1		Slide 7	operties r, Pleo Bi	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM %Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	Method: EEAP EPA Stereoscopic Exam Cotor IIIID Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM NOB PLM NOB PLM IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		RI1	RI DS	Slide 7	operties r, Pleo Bi	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Ver. Asbestos	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric-P analysis sheet for results SM-V Required See SM-V analysis sheet for results SM-V	Method: EKAP EPA Stereoscopic Exam Color Color Color Color Counts Slide 1 Slide 2 PLM NOB PLM Comments: EEAP EPA EPA EPA EPA EPA EPA EPA		811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT		Results PLM % Chrysotile Amosite Other %Asb. Or %Vor.	PLM % Cellulose Fiberglass Other Cultulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM %Mineral FillerOrganic BindersVermiculite*Other _* If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
for results 3 31 Field Number Gravimetric Required [] Recommended [] See gravimetric-[] analysis sheet for results SM-V Required [] See SM-V analysis sheet for results 4 32 Field Number Gravimetric	Method: EEAP EPA Stereoscopic Exam Cotor IIIID Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layers Detected Point Counts Slide 1 Slide 1 Slide 2 PLM NOB PLM NOB PLM IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Condutose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %Mineral FillerOrganic BindersOtherOth
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric SM-V Required See SM-V analysis sheet for results SM-V Required See SM-V Analysis sheet for results 4 32 Field Number Gravimetric Required Gravimetric	Method: EEAP EPA Stereoscopic Exam Color IIIIOTexture Homogeheity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM NOB PLM NOB PLM PEA Stereoscopic Exam Stereoscopic Exam	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Cellulose Cellulose Cellulose Direfringence Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM %
for results 3 31 Field Number Gravimetric Required [] Recommended [] See gravimetric-[] analysis sheet for results SM-V Required [] See SM-V analysis sheet for results 4 32 Field Number Gravimetric	Method: EKAP EPA Stereoscopic Exam Color Image: Color Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM Image: Comments: Method: ELAP Stereoscopic Exam Color Image: Color Stereoscopic Exam Color Image: Color Nobert End Stereoscopic Exam Color Image: Color	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Condulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %Mineral FillerOrganic BindersOtherOth
for results	Method: EKAP EPA Stereoscopic Exam Color Image: Color Color Color Color Color Color Color of Layer Asbestos Hornogeneity Vermiculite Color of Layer Detected Yes N Point Counts Stide 1 Slide 2 PLM PLM PLM NOB PLM PLM Comments: Method: ELAP EPA Stereoscopic Exam Color Image: Color Color Color Color Color Homogeneity Vermiculite Image: Color	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Conter Stinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cellulo	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral FillerOrganic BindersVermiculite*
for results	Method: EKAP EPA Stereoscopic Exam Color Image: Color Field Content in the second content in th	Siide 3 Slide 4	811	RI DS Slide 6	Slide 7	operties	Asb./Ver. PT	her Idenlify	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Celfulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair's Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral FillerOrganic BindersVermiculite*
for results 3 31 Field Number Gravimetric Required Recommended See gravimetric for results SM-V Required See gravimetric Required See gravimetric Required See gravimetric SM-V SM-V	Method: EKAP EPA Stereoscopic Exam ////////////////////////////////////		Rl1	RI DS Slide 6 PLM O RI DS	ptical Pr Color Colo Slide 7 Q.1 Ptical Pr	operties r, Pleo Bi Slide 8 C. operties y, Pleo Bi	Asb./Ver. P1	her Idenlify	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Other Cellulose Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Cellulose Fiberglass Cellulose Cel	PLM %
for results	Method: EXAP EPA Stereoscopic Exam Color Image: Color Color Color Color Color Color Color Color Color of Layer Asbestos # of Layers Asbestos Color Color Color Color Color Color Side 1 Side 2 PLM PLM Comments: Color Col		Rl1	RI DS Slide 6 PLM O RI DS	ptical Pr Color Colo Slide 7 Q.1 Ptical Pr	operties r, Pleo Bi Slide 8 C. operties y, Pleo Bi	Asb./Ver. P1	her Ideniliy	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Chrysotile Other %Asb. Or %Ver. Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Collulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Cellulose Fiberglass Cellulose Cellulose Fiberglass Cother Fiberglass Cother Fiberglass	PLM %
for results	Method: EKAP EPA Stereoscopic Exam Color Image: Color Color Color Color Color Color Color Color of Layer Asbestos Homogeneity Vermiculite		Rl1	RI DS Slide 6 PLM O RI DS	ptical Pr Color Colo Slide 7 Q.1 Ptical Pr	operties r, Pleo Bi Slide 8 C. operties y, Pleo Bi	Asb./Ver. PT	her Idenlify	Results PLM % Chrysotile Amosite Other KASb. Or %Ver. KASb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Synthetic High Birefringence Synthetic High Cellulose Fiberglass Isotopic Synthetic High Cellulose Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral FillerOrganic Binders UVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample
for results	Method: EPA Stereoscopic Exam Color IIIIO Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Stereoscopic Exam Comments: Method: ELAP EVAN Stereoscopic Exam Color IIIIC Texture Homogeneity Vermiculite # of Layers Asbestos Golor of Layer Detected Yermiculite IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		RI1	RI DS Slide 6 PLM O RI DS Slide 6	Slide 7 Slide 7 Slide 7 Slide 7 Q.1 Slide 7 Slide 7 Q.2 Slide 7 Slide	operties r, Pleo Bi Slide 8 C. Slide 8 Slide 8 C. C. C. C. C. C. C. C.	ref Sign Ol	her Identify	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Chrysotile Other %Asb. Or %Ver. Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Condutose Extinction Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Cellulose Cother Coth	PLM %

EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8

Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing vemiculite (SM-V) and it utilizes a 400 point count method. L:\LAB_FORMS,DOCUMENTS AND RECORDS\OPTICAL\ASBESTOS_BULK\ASBESTOS BULK FORMS 2022\BULK ASBESTOS ANALYSIS SHEET_FORM #82.doc Page _____ of _____ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #82 Page _____ of _____

ATEAS
ATC

					•	,	0000 01 01				
			BULK A	SBESTO	S ANAL	YSIS SH	EET				Microscopes: OLYMPUS BH-2 /
	Client / Project TOWN	OF NORTH F	IEMPST	EAD/ 74	6 PROS	РЕСТ А	VE	Project	t Number Z214N	IH0004	NIKON OPTIPHOT
	Analysis Date <u>1</u> /2)/	2022 Anal	/st	F-				Batch	Number 22-	138 _	78
4 00								batch i		I	EMPERATURE C
1 33 Field Number	Stereoscopic Exam			PLM O	otical Pr	operties			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	color Show Texture (Morph Extinc	ion RL	RI DS	Color Colo	or, Pieo Bir	ef Sign Of	her Identity	Chrysotile	Cellulose	/ Mineral Filler
Required 🗆									Amosite	Fiberglass	Organic Binders
Recommended	Homogeneity Vermiculite								Other	Other	Vermiculite*
See gravimetric 🛛	# of Layers Asbestos										Other
analysis sheet	Color of Layer Detected Yes	No.									O(nea
for results	Color of cayerCoelected Tes				<u></u>					Cellulose Ondutose Extinction	
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.	🛙 Fiberglass Isotopic	
Required 🗆	PLM (1		\mathbf{N}				2	1-0	\cup	Synthetic High Birefringence	If vermiculite is >10% the
See SM-V D	NOB PLM		/		··· .		$- \bigcirc$	1 un		🛙 Horse Hair: Scales,	level of asbestos in a sample might be underestimated.
analysis sheet	Comments:	L								Low to Moderate Birefringence	See Note #1.
for results	Method: CELAP DEPA	SCANNING O				c. 🗆					
L	Method: DELAP DEPA		- HON								
2 34 Field Number	Stereoscopic Exam			PLM O	otical Pr	operties			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous
	Calor BAUN Tantura (0	Morph Extinc	ion RI1	RII DS	Color Colo	or, Pleo Bir	ef Sign Ot	her Identity			Lar 1
Gravimetric	Color 171 Texture								Chrysotile	Cellulose	
Required	Homogeneity Vermiculite								Amosile	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos								Other	Other	Vermiculite*
See gravimetric analysis sheet											Other
for results	Color of Layer Detected Yes	No		······· ···						Cellulose Ondulose Extinction	
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.	🗆 Fiberglass Isotopic	
	PLMDIP						$\langle \gamma \rangle$	200	()	Synthetic High	* If vermiculite is >10% the
Required	NOB PLM		\prec					100		Birefringence	level of asbestos in a sample might be underestimated.
See SM-V 🛛 analysis sheet		L								Low to Moderate Birefringence	See Note #1.
for results	Comments:					<u> </u>				j	
L	Method: C ELAP EPA	SCANNING O	PTION		Q.	C, 🗆					
3 35	Stereoscopic Exam			PLM O	otical Pr	operties			Asbestos	Other Fibrous	Non Fibrous
Field Number	Stereoscopic Exam	-Morph Extinc	ion RL1			operties		her Identity	Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Field Number Gravimetric	Stereoscopic Exam	K-Morph Extinc	ion RI1			-		her Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required Q	Stereoscopic Exam Color	H-Morph Extinc	ion RI1			-		her Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric	Color_DIVO_Texture HomogeneityYermiculite	H-Morph Extinc	ion RI1			-		her Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required Recommended See gravimetric	CONOF BACKFEILE	H-Morph Extinc	ion RI1			-		ther Identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass	PLM % Mineral Filler Organic Binders
Field Number Gravimetric Required [2] Recommended []	Color_DIVO_Texture HomogeneityYermiculite					-		ther Identity	Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results	Color Yexilite Homogeneity Yermiculite # of Layers Asbestos					-			Results PLM % Chrysotile Amosite Other	PŁM % Cellulose Fiberglass Other	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V	Color MUCHExilize Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2	No			Color Colo	pr, Pleo Bir	ef Sign Ot		Results PLM % Chrysotile Amosite	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High	PLM % Mineral Filler Organic Binders Vermiculite* Other
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results	Color	No			Color Colo	pr, Pleo Bir	ef Sign Ot		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V []	Color	No			Color Colo	pr, Pleo Bir	ef Sign Ot		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Statistics Conter Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other ' If vermiculite is >10% the
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required []	Color	No Slide 3 Slide	4 Slide 5		Color Color	Slide 8	ef Sign Ol		Results PLM % Chrysotile Amosite Other KAsb. Or %Ver.	PŁM % Cellulose Fiberglass Coher Coher Coher Coher Coher Struction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales,	PLM % Mineral Filler Organic Binders Vermiculite* Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet	Color	No	4 Slide 5		Color Color	pr, Pleo Bir	ef Sign Ol		Results PLM % Chrysotile Amosite Other KAsb. Or %Ver.	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Statistics Conter Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 36	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Colo 	Slide 8	ef Sign Ot		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Conter Synthetic High Birefringence Birefringence Conter Fibrous Cother Fibrous	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results	Color MUCHExtUre Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2 PLM NOB PLM U W Comments: Method: D ELAP D EPA Stereoscopic Exam	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM %CelluloseFiberglassOtherOtherOtherCellulose Ondutose ExtinctionFiberglass IsotopicSynthetic High BirefringenceHorse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 36	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Conter Synthetic High Birefringence Birefringence Conter Fibrous Cother Fibrous	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Statistic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 36 Field Number Gravimetric	Color MUCHExiline Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM U Comments: Method: Method: ELAP Extereoscopic Exam Celor MLCM Hornogeneity Vermiculite	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cellulose Other Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % (Mineral Filler
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results SM-V Gravimetric Gravimetric Required Gravimetric Required See gravimetric See gravimetric	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cother Cother Synthetic High Birefringence Ditorse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Gravimetric Required Required Gravimetric	Color MUCHExiline Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM PLM NOB PLM U Comments: Method: Method: ELAP Extereoscopic Exam Celor MLCM Hornogeneity Vermiculite	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cellulose Ondutose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cother Cellulose Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cell	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % (
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Required Required Required See gravimetric Required See gravimetric Required See gravimetric analysis sheet for results	Color Differential difference Hormogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM U NOB PLM U Comments: Method: Method: ELAP Elor Texture Hormogeneity Vermiculite # of Layers Asbestos Color of Layer Detected	No	4 Slide 5	RI II DS	Color Colo Slide 7	C. C	ef Sign Of Asb./Ver, P1	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Conter Cellulose Conter Conter Conter Fiberglass Isotopic Fiberglass Isotopic Fiberglass Isotopic Fiberglass Conter Fibrous PLM % Cellulose Fiberglass Conter Conter Conter Fiberglass Conter Co	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % (
Field Number Gravimetric Gravimetric Gravimetric Gravimetric See gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Gravimetric Required Required Required See gravimetric Gravimetric Required See gravimetric See gravimetric See gravimetric See gravimetric SM-V SM-V	Color	No Slide 3 Slide	4 Slide 5	RI II DS	Color Color Slide 7	Slide 8	ef Sign Ot	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cother Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fibrous Cellulose Cellulose Cother Cellulose Cother Cellulose Cother Co	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Required Required Required See gravimetric Required See gravimetric See	Color Of Layers	No	4 Slide 5	RI II DS	Color Colo Slide 7	C. C	ef Sign Of Asb./Ver. PT	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cellulose Cellulose Fiberglass Cither Siterfingence S	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Required Gravimetric Required See gravimetric See gravimetric See gravimetric See gravimetric See SM-V Required See SM-V Required See SM-V Required See SM-V Required See SM-V	Color	No	4 Slide 5	RI II DS	Color Colo Slide 7	C. C	ef Sign Of Asb./Ver, P1	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cother Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Cother Gother Cellulose Cellulose Fiberglass Cother Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cother Cot	
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results 4 36 Field Number Gravimetric [] Required [] Recommended [] See gravimetric [] analysis sheet for results SM-V Required [] See gravimetric [] analysis sheet for results SM-V Required []	Color Differentiality Hormogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM U NOB PLM U Comments: Method: Method: ELAP Elor Texture Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Stereoscopic Exam Color Cetor Method: Vermiculite Yes Point Counts Slide 1 Slide 1 Slide 2 PLM U	No	4 Slide 5	RI II DS	Color Colo Slide 7	Slide 8 C. Slide 8 Slide 8 Side 8 Side 8	ef Sign Of Asb./Ver. PT	Inter Identity	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cellulose Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fibrous Cellulose Fiberglass Cother Fiberglass Cother Fiberglass Cother Fiberglass High Birefringence Horse Hair: Scales,	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See GM-V analysis sheet for results Gravimetric Required Required Required See gravimetric Required See gravimetric Required See gravimetric SM-V Required See gravimetric SM-V Required See SM-V Required SM-V Required SM-V Required SM-V Required See SM-V See	Color	No Slide 3 Slide	4 Slide 5 PTION	RI DS Slide 6	Color Colo Slide 7 Q. Otical Pr Color Colo Slide 7	or, Pleo Bir Slide 8 C. □ Slide 8 Slide 8 Slide 8 C. □	ef Sign Of	her Identity	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Chrysotile Other %Asb. Or %Ver. %Asb. Or %Ver.	PLM % Cellulose Fiberglass Cother Cother Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Cother Gother Cellulose Cellulose Fiberglass Cother Cellulose Cother Cellulose Cother Cellulose Cother Cellulose Cother Cot	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See gravimetric SM-V Required See SM-V analysis sheet for results Gravimetric Required Gravimetric Required See gravimetric See gravimetric See gravimetric SM-V Required See gravimetric SM-V Required SM-V Required For results SM-V Required See SM-V Required For results For results SM-V Required For results For r	Color	No Slide 3 Slide	4 Slide 5 PTION A Slide 5 PTION CUMENT O CUMENT O	RI DS RI DS Slide 6 PLM O RI DS Slide 6 Slide 6	Color Colo Slide 7	C. Slide 8 Slide 8 C. Slide 8 C. C. C. C. C. C. C. C.	ef Sign Ot	her Identity	Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Gellulose Fiberglass Cother Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	
Field Number Gravimetric Required [2] Recommended [] See gravimetric [2] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results Field Number Gravimetric Required [] Recommended [] See gravimetric analysis sheet for results SM-V Required [] See SM-V[] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results SM-V Required [] See SM-V [] analysis sheet for results SM-V Required [] See SM-V [] Analysis sheet for results SM-V See SM-V [] Analysis sheet for results SM-V See SM-V [] Analysis sheet for results SM-V See SM-V [] Analysis sheet for results SM-V SM-	Color	No Slide 3 Sli	4 Slide 5 PTION ion RI 1	RI DS RI DS Slide 6 PLM O RI DS Slide 6 Slide 6 Slide 6	Color Colo Slide 7	C. Slide 8 Slide 8 C. Slide 8 C. TROLLEC is of sample quires meth	ef Sign Ot	ther Identify	Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Other Cellulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother Fiberglass Fiberglass Cother Fiberglass Cother Fiberglass Fiberglass Cother Fiberglass Cother Fiberglass Fiberglass Fiberglass Fiberglass Fiberglass Cother Fiberglass Fiber	
Field Number Gravimetric Gravimetric Gravimetric Gravimetric Gravimetric SM-V Required See gravimetric SM-V Required Gravimetric Gravimetric Required Gravimetric Required Gravimetric Required See gravimetric Required See gravimetric SM-V Required Gravi	Color MULtexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM U NOB PLM U Comments: EPA Stereoscopic Exam Celor MULtexture Hornogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2 PLM Vermiculite # of Layers Asbestos Color of Layer Detected Point Counts Slide 1 Slide 1 Slide 2 PLM U NOB PLM U Comments: Image: Comments: Method: ELAP EPA tethod of the Determination of ulk insulation Samples - 40 CFR Subpart E of/Part 763	No Slide 3 Sli	4 Slide 5 PTION ion RI 1 A Slide 5 A Slide 5 PTION CUMBENT O UMBENT UMBENT O UMBENT	RI II DS	Color Colo Slide 7 Q.1 Otical Pr Color Colo Color Colo Slide 7	Slide 8 C. Slide 8 Slide 8 C.	ef Sign Ot	ther Identity	Results PLM %	PLM % Cellulose Fiberglass Cother Cellulose Cother Cother Cother Synthetic High Birefringence Cellulose Cellulose Fiberglass Cother Fibrous PLM % Cellulose Fiberglass Cother Cellulose Fiberglass Cother Cellulose Fiberglass Cother Sintetion Fiberglass Low to Moderate Birefringence Horse Hair: Scales, Low to Moderate Birefringence Horse Hair: Scales, Low to Moderate Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Cother High C	

Accreditations: NVLAP 101187-0

ATEAS
ATC

ATC										k, NY 1001 -3599 or 8				<u>Accreditations;</u> NVLAP 101187-0 ELAP 10879
								S ANAL						Microscopes: OLYMPUS BH-2 /
	Client / Pr	oject_T	OWN	OF NOF	NTH HE	MPSTE	AD/ 74	6 PROS	SPECT /	AVE	Project	t Number Z214N	NH0004	NIKON OPTIPHOT
	Analysis	Date]	L/Z}	2022	Analyst			-4	<u> </u>		Batch	Number 22-	138 ,	
1 37	Stereo	scopic E	Exam				PLM O	ptical Pi	opertie	5		Asbestos Results PLM %	Other Fibrous	Non Fibrous PLM %
Field Number Gravimetric	Color	Textu	re 117	Morpl	n Extinction	RI 1	RI D	S Color Col	or, Pleo B	ref Sign Ö	Nher Identity	Chrysotile	PLM % Cellulose	Mineral Filler
Required [2]	Homogeneity	T _{Verm} i										Arnosite	Fiberglass	Organic Binders
Recommended	# of Layers	Asber					,,,,,					Other	Other	Vermiculite*
See gravimetric	Color of Layer		ted Yes	No									🗅 Celíulose Ondulose	Other
for results	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Asb./Ver. P	T Total PT	%Asb. Or %Ver.	Extinction	
SM-V	DIM.						- Childb U		0.000	100.1101.1			Synthetic High	* If vermiculite is >10% the
See SM-V	l	0 M		· · · · · · · · · · · · · · · · · · ·						[2	m	V	Birefringence Horse Hair: Scales, Low to Moderate	level of asbestos in a sample might be underestimated.
analysis sheet for results	Comments:	U.	I	L	[<u> </u>	<u> </u>	L					Birefringence	See Note #1.
	Method: 🗆 EL	AP 🗆	EPA		NING OPTI	ON		Q.	c. 🗆					
2 38 Field Number	Stereo	scopic f	Exam				PLM O	ptical P	opertie	5		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color 600	ん Textu	re	HMorph	n Extinction	Rit	RI I D	S Color Col	or, Pleo 8	ref Sign O	Nher Identity	Chrysotile	Cellulose	(~
Required 🖉	Homogeneity	Vermi	iculite		-			·				Amosite	Fiberglass	Organic Binders
Recommended	# of Layers	Asbe										Other	Other	Vermiculite*
See gravimetric 🗹 analysis sheet	Color of Layer		ted Yes											Other
for results	Point Counts	Slide 1	Slide 2	Slide 3	Slide 4			Slide 7	Slide 8				Cellulose Ondutose Extinction	
SM-V	PIM	Silde 1	SING 2	SHUE 3	Slide 4	Slide 5	Slide 6	Silde /	Since o	Asb./Ver. P	T Total PT	%Asb. Or %Ver,	Synthetic High	* If vermiculite is >10% the
Required 🗋		ত নি									1,		Birefringence	level of asbestos in a sample might be underestimated.
See SM-V 🗔 analysis sheet	Comments:	<u> </u>				l	L	<u> </u>		0	$\square h \sim$		Low to Moderate Birefringence	See Note #1.
for results	the second second	A D []	1 504	T ccan	NING OPTI	<u></u>			~				-	
	Method: 🛛 EL	.AP 🗆] EPA	LISCAN	NING OP II			Q.	c . 🗆					<u> </u>
3 39	<u></u>	scopic l				<u></u>	PLMO	ptical P		 5		Asbestos Beculto DLM %	Other Fibrous	Non Fibrous
Field Number	Stereo	scopic I	Exam		n Extinction				opertie		Other Identity	Results PLM %	PLM %	PLM %
	stereo Color_BLA	scopic I XAbxiu	Exam re <u>f f</u>					ptical P	opertie		ther Identity		PLM %	
Field Number Gravimetric	Stereo Color_BLA Homogeneity	scopic I	Exam re <u>f f</u>					ptical P	opertie		ither Identity	Results PLM %	PLM %	PLM %
Field Number Gravimetric Required Recommended See gravimetric	stereo Color_BLA	scopic I XAbxiu	Exam re <u>(((</u> iculite					ptical P	opertie		Nither Identity	Results PLM %	PLM % Cellulose Fiberglass	PLM %
Field Number Gravimetric Required Recommended	Stereo Color_BLA Homogeneity	scopic I Cliexiu L Vermi Asbei	Exam re <u>(((</u> iculite	Morpi				ptical P	opertie		Ither Identity	Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondutose Extinction	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required 2 Recommended 1 See gravimetric 2 analysis sheet	Stereo Color Homogeneity # of Layers	scopic I Cliexiu L Vermi Asbei	Exam re <u>(((</u> iculite stos	Morpi				ptical P	opertie			Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondutose Extinction Fiberglass Isotopic	PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required 2 Recommended 3 See gravimetric 2 analysis sheet for results	Stereo Color Homogeneity # of Layers Color of Layer Point Counts Point Counts	Slide 1	Exam re <u>f f</u> iculite stos cted Yes	No	Extinction	RI 1		ptical Pi	or, Pleo B	Asb.Ner. P		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondutiose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM % Mineral Filter Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM	scopic I Laboratu Laboratu Asber Detec	Exam re <u>f f</u> iculite stos cted Yes	No	Extinction	RI 1		ptical Pi	or, Pleo B	iref Sign O		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondułose Extinction Fiberglass Isotopic Synthetic High	PLM % Mineral Filler Organic Binders Vermicufile* Other 'If vermicufile is >10% the
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM	Scopic I Utextu Asbei Detec Slide 1	Exam re <u>f f</u> iculite stos cted Yes	No Side 3	Extinction	RI 1		S Color Col	or, Pleo B	Asb.Ner. P		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birdfringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL	Side 1	Exam re stos stos stide 2 Stide 2 LEPA	No Side 3	Extinction Slide 4	RI 1	Ri D:	S Color Col	Slide 8	Asb.Ner. P		Results PLM % Chrysotile Amosite Other	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birdfringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other 'If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL	Scopic I Utextu Asbei Detec Slide 1	Exam re stos stos stide 2 Stide 2 LEPA	No Slide 3	Extinction Slide 4	Rl 1	Ri II DS	S Color Col	C. D	S Sign O		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birdfringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL	Side 1	Exam re stos stos stod Yes Silde 2 D EPA Exam	No Slide 3	A Extinction	Rl 1	Ri II DS	Side 7	C. D	S Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondutiose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %
Field Number Gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number	Stereo	Slide 1 AP Scopic I AP Cliextu AP	Exam re stos stos stod Yes Silde 2 D EPA Exam	No Slide 3		Rl 1	RI D3	ptical Pr	C. D	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Birefringence Other Fibrous PLM % Cellulose Fiberglass	PLM % Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders
Field Number Gravimetric Required Recommended See gravimetric See gravimetric SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required Gravimetric	Stereo	Slide 1 AP Scopic I AP Cliextu AP	Exam re	No Slide 3	Extinction Slide 4 NING OPTI Extinction	RI 1	Ri II Da	Side 7	C. C	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondutiose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose	PLM %
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required Required Cravimetric	Stereo	Scopic I Verm Asbei Detec Silde 1 0 N Scopic I Scopic I C (textu Asbei C (textu Asbei C (textu	Exam re	No Siide 3	Extinction Slide 4 NING OPTI Extinction	RI 1	Ri II Da	Slide 7	C. C	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Gellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Gellulose Cellulose Cother Gellulose Cother C	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Gravimetric Gravimetric Required Gravimetric Required Gravimetric Required See gravimetric analysis sheet	Stereo	Scopic I Verm Asbei Detec Silde 1 0 N Scopic I Scopic I C (textu Asbei C (textu Asbei C (textu	Exam re	No Siide 3	Extinction Slide 4 NING OPTI Extinction	RI 1	Ri II Da	Slide 7	C. C	iref Sign O		Results PLM % Chrysotile Other %Asb. Or %Ver. Asbestos Results PLM %	PLM % Cellulose Fiberglass Other Cellulose Ondutiose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Cother	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite*
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Recommended See gravimetric See gravimetric Recommended See gravimetric See See See See See See See See See See	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL Stereo Color Homogeneity # of Layers Color of Layer Point Counts	Slide 1 Classe C	Exam re	No Slide 3	Extinction Slide 4	Rl 1		ptical Pi S Color Col Slide 7 Q. Slide 7	C. C	s		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cellulose Cother Cellulose Cellulose Cellulose Cother Cellulose Cellulose Cellulose Cother Cellulose Cellulose Cellulose Cother Cellulose Ce	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Nole #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Gravimetric Field Number Gravimetric Required See gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See gravimetric analysis sheet for results SM-V Required See SM-V	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL Stereo Color Homogeneity # of Layers Color of Layer Point Counts	Slide 1 Classe C	Exam re	No Slide 3	Extinction Slide 4	Rl 1		ptical Pi S Color Col Slide 7 Q. Slide 7	C. C	s		Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Gellulose Fiberglass Other Cellulose Fiberglass Other Synthetic High Birefringence Fiberglass Other Synthetic High Birefringence Synthetic High Birefringence Synthetic High Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Nole #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results Gravimetric Gravimetric Required Gravimetric Required See gravimetric analysis sheet for results See gravimetric Sanalysis sheet for results See gravimetric See gravimetric See gravimetric See gravimetric See gravimetric See SM-V Required See V Required	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [1] EL Stereo Color [Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; /	Slide 1	Exam re	No Siide 3	Extinction Slide 4 Slide 4 Slide 4	Rl 1 Slide 5 ON Rl 1 Slide 5 Slide 5		ptical PI S Color Col S Solor 7 Slide 7 Slide 7 S Color Col S Color Col	ropertie or, Pleo B Slide 8 C. C. C	s Asb./Ver, P Asb./Ver, P Asb./Ver, P		Results PLM % Chrysotile Other %Asb. Or %Ver, Chrysotile Chrysotile Other %Asb. Or %Ver,	PLM % Cellulose Fiberglass Other Collulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Cother Fiberglass Cother Horse Statistication Fiberglass Isotopic Horse Hair: Scales, Horse Hair: Scales,	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Nole #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required See gravimetric analysis sheet for results	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [1] EL Stereo Color [Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; /	Slide 1	Exam re	No Siide 3	Extinction Slide 4 Slide 4 Slide 4 Slide 4 Slide 4 Slide 4	RI1 Slide 5 ON RI1 Slide 5 Slide 5 ON	Ri II D: Slide 6	ptical PI S Color Col Slide 7 Q. Slide 7 SColor Col Slide 7 Q. Slide 7 Q. Slide 7 Q. Slide 7 SColor Col Col Slide 7 Q. Slide 7 SColor Col Slide 7 Col Slide 7 Col	ropertie or, Pleo B Slide 8 C. or, Pleo B C. Slide 8 Slide 8 C. Tropertie C. C. Tropertie C. C. Tropertie C. C. C. C. C. C. C. C.	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Cther Cellulose Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiberglass Fiberglass Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiberglass Cther Fiberglass Fiber	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Organic Binders Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required See gravimetric Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results SM-V Required See SM-V analysis sheet for results SM-V analysis sheet for results Methods: EPA Interim M Asbestos in B	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments; Method: [] EL Stereo Color of Layer Point Counts PLM NOB PLM Comments; PLM NOB PLM Comments; PLM NOB PLM Comments; I dethod of the Deter ulk insulation Sam	Side 1 Clearly Constrained and a constrained an	Exam re	No Silde 3	Extinction Slide 4	RI 1 Slide 5	Ri D: Slide 6	ptical PI S Color Col S Color Col S Slide 7 Q. Slide 7 S Color Col S Color Col	ropertie or, Pleo B Slide 8 C. □ Slide 8 C. □ TROLLE is of samp quires met	iref Sign O	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Fiberglass Other Cellulose Fiberglass Other Gellulose Gother Gellulose Gellulose Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
Field Number Gravimetric Required Recommended See gravimetric analysis sheet for results SM-V Required See SM-V analysis sheet for results 4 40 Field Number Gravimetric Required See gravimetric Required See gravimetric Required See gravimetric Required See SM-V Required See SM-V SM-V Required See SM-V SM-V Required See SM-V SM-V Required See SM-V SM-V Required See SM-V SM-V Required See SM-V SM-V SM-V Required See SM-V SM-	Stereo Color Homogeneity # of Layers Color of Layer Point Counts PLM NOB PLM Comments: Method:EL Golor of Layer Point Counts PLM NOB PLM Comments: PLM NOB PLM	Slide 1 Classe Slide 1 Class	Exam re	No Siide 3	Extinction Slide 4 Slide 4	RI 1 Slide 5 S	Ri D:	ptical PI S Color Col S Color Color Col S Color Col S Color	ropertie or, Pleo B Slide 8 C. Slide 8 Slide 8 C. TROLLE is of samp quires met nd may una urfachg may una	s S VHEN PI S Ver. P S Ver. P C S S Ver. P C S S S S S S S S S S S S S S S S S S	T Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver. Chrysotile Other %Asbe. Or %Ver.	PLM % Cellulose Fiberglass Other Gellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Cellulose Cellulose Cellulose Gother Cellulose Cellulose Gother Cellulose Gother Gother Gother Getherglass Isotopic Synthetic High Birefringence Gother Gother Getherglass Isotopic Gother Getherglass Isotopic Gother Getherglass Isotopic Gother Gother Getherglass Isotopic Gother Gother Gothergence Horse Hair: Scales, Low to Moderate Birefringence Horse Hair: Scales, Low to Moderate Birefringence Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	

-ATENS
ATC

ATC - New York 104 East 25th Street, 8th FL, New York, NY 10010

ATC			" Street, 8" FL, 353-8280, Fax: (New York, NY 1 212) 353-3599 (Accreditations; NVLAP 101187-0 ELAP 10879
		BULK A	SBESTOS ANA	LYSIS SHEET		704.00		Microscopes: OLYMPUS BH-2 / NIKON OPTIPHOT
	Client / Project TOWN OF NOI Analysis Date 1/27/2022		AD/ 746 PRU	SPECT AVE		t Number Z214N		
	Analysis Date <u>1 /// .</u>	Analyst	<u> </u>		Batch I			
1 41 Field Number	Stereoscopic Exam	······	PLM Optical P			Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color BUDGTexture Morph	h Extinction RI 1	RII DS Color Co	lor, Pleo Biref Sig	n Other Identity	Chrysotile	Celluiose	Mineral Filler
	Homogeneity Vermiculite					Amosite	Fiberglass	Organic Binders
Recommended	# of Layers Asbestos					Other	Other	Vermiculite*
See gravimetric DP analysis sheet for results	Color of Layer Detected Yes No						Cellulose Ondulose Extinction	Other
SM-V	Point Counts Slide 1 Slide 2 Slide 3	Slide 4 Slide 5	Slide 6 Slide 7	Slide 8 Asb./Ve	er. PT Total PT	%Asb. Or %Ver.	🗆 Fiberglass Isotopic	
Required 🗆	PLM						Synthetic High Birefringence	* If vermiculite is >10% the level of asbestos in a sample
See SM-V 🗆	NOB PLM 2 2			C	, m		Horse Hair: Scates, Low to Moderate	might be underestimated. See Note #1,
analysis sheet for results	Comments:						Birefringence	
l	Method ELAP EPA 86AN	NING OPTION	Q	. C . 🗆				
2 42 Field Number	Stereoscopic Exam		PLM Optical P	roperties		Asbestos Results PLM %	Other Fibrous PLM %	Non Fibrous PLM %
Gravimetric	Color BACLTexture HE Morph	h Extinction RL	RI I DS Color Co	lor, Pleo Biref Sig	n Olher Identity	Chrysotile	Cellulose	
Required 🖌	Homogeneity Vermiculite					Amosite	Fiberglass	Organic Binders
Recommended					- <u> </u>	Other	Other	Vermiculite*
See gravimetric,	# of Layers Asbestos							Other
for results	Color of Layer Detected Yes No		······································				Cellulose Ondulose Extinction	
SM-V	Point Counts Slide 1 Slide 2 Slide 3	Slide 4 Slide 5	Slide 6 Slide 7	Slide 8 Asb./Ve	er. PT Total PT	%Asb. Or %Ver.	🗆 Fiberglass Isotopic	
Required 🛛	PLM						 Synthetic High Birefringence 	 If vermiculite is >10% the level of asbestos in a sample
See SM-V 🗔	NOB PLM 0 M	7		(2 m	$\overline{\mathbf{v}}$	□ Horse Hair: Scales, Low to Moderate	might be underestimated. See Note #1.
analysis sheet							Birefringence	1 1
for results	Comments:			<u> </u>			Direttingence	
for results		NING OPTION	Q	. c . 🗆		· · · · · · · · · · · · · · · · · · ·		
	······	NING OPTION	Q PLM Optical P			Asbestos Results PLM %	Other Fibrous	Non Fibrous PLM %
for results	Method: DELAP DEPA DSCAN	NING OPTION	·····	roperties	n Other Identity	1 1		Non Fibrous PLM %
for results 3 43 Field Number	Method: HELAP EPA SCAN Stereoscopic Exam Color_BUIC texture		PLM Optical P	roperties	n Other Identity	Results PLM %	Other Fibrous PLM %	
for results 3 43 Field Number Gravimetric	Method: Helap EPA SCAN Stereoscopic Exam Color BUDC texture Morph Hornogeneity Vermiculite		PLM Optical P	roperties	n Other Identity	Results PLM %	Other Fibrous PLM %	PLM %
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric	Method: PELAP EPA SCAN Stereoscopic Exam Color DUUC texture Morph Homogeneity Vermiculite		PLM Optical P	roperties	n Other Identify	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass	PLM %
for results 3 43 Field Number Gravimetric Required Recommended	Method: Helap EPA SCAN Stereoscopic Exam Color BUDC texture Morph Hornogeneity Vermiculite		PLM Optical P	roperties	n Other Identity	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondufose Extinction	PLM %Mineral FillerOrganic BindersVermiculite*
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric D analysis sheet	Method: PELAP EPA SCAN Stereoscopic Exam Color DUUC texture Morph Homogeneity Vermiculite		PLM Optical P	roperties		Results PLM %	Other Fibrous PLM % Celiulose Fiberglass Other Cellulose Ondulose Extinction	PLM %Mineral FillerOrganic BindersVermiculite*
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric See gravimetric for results	Method: Image: Color Imag	Extinction Rf 1	PLM Optical P RI DS Color Co	roperties lor, Pleo Biret Sig		Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence	PLM %Mineral FillerOrganic BindersVermiculite*
for results	Method: PELAP EPA SCAN Stereoscopic Exam Color DUDCtexture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Morph Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Morph Morph	Extinction Rf 1	PLM Optical P RI DS Color Co	roperties lor, Pleo Biret Sig		Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the
for results 3 43 Field Number Gravimetric Required See gravimetric See gravimetric analysis sheet for results SM-V Required	Method: PELAP EPA SCAN Stereoscopic Exam Color DUDDexture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Morph Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Morph Comments:	A Extinction RI 1 Image: Slide 4 Slide 5	PLM Optical P RI I DS Color Co	roperties lor, Pleo Biret Sig	r. PT Total PT	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Law to Moderate	PLM %Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric See gravimetric SM-V Required SM-V See SM-V analysis sheet for results SM-V Comparing the sheet for results SM-V See SM-V See SM-V S	Method: PELAP EPA SCAN Stereoscopic Exam Color DUDDexture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Morph Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Morph Comments:	Extinction Rf 1	PLM Optical P RI I DS Color Co	roperties lor, Pleo Biret Sig	r. PT Total PT	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondufose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM % Mineral Filter Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
for results	Method: FELAP EPA SCAN Stereoscopic Exam Color Duble Cexture Morph Hornogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Comments: Image: Comments: Image: Comments: Method: ELAP EPA SCAN	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	r. PT Total PT	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM %Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated.
for results 3 43 Field Number Gravimetric Required See gravimetric See gravimetric See gravimetric SM-V Required See SM-V analysis sheet for results SM-V 4 44	Method: FELAP EPA SCAN Stereoscopic Exam Color Duble Cexture Morph Hornogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Comments: Image: Comments: Image: Comments: Method: ELAP EPA SCAN	A Extinction RI 1 Image: Slide 4 Slide 5	PLM Optical P	roperties	r. PT Total PT	Results PLM %	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous	PLM % Mineral Filter Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1.
for results 3 43 Field Number Gravimetric Required Recommended See gravimetric See gravimetric for results SM-V Required See SM-V analysis sheet for results 4 44 Field Number Field Number	Method: FELAP EPA SCAN Stereoscopic Exam Color Bubble Cexture Morpi Homogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Comments: Image: Comments: Image: Comments: Method: ELAP EPA Image: Comments:	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	r. PT Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Fiberglass Other Cellulose Ondufose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM %	PLM % Mineral Filler Organic Binders Vermiculite* Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %
for results	Method: FELAP EPA SCAN Stereoscopic Exam Color Dubble Skture Morph Hornogeneity Vermiculite Image: Skture Morph Hornogeneity Vermiculite Image: Skture Image: Skture Image: Skture Hornogeneity Vermiculite Image: Skture Image: Skture <t< td=""><td>Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5</td><td>PLM Optical P</td><td>roperties</td><td>r. PT Total PT</td><td>Results PLM % Chrysotile Other Other %Asb. Or %Ver. </td><td>Other Fibrous PLM % Cellulose Other Other Other Other Other Cellulose</td><td>PLM %Mineral FillerOrganic BindersVermiculite*Other ^ If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %Mineral Filler</td></t<>	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	r. PT Total PT	Results PLM % Chrysotile Other Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Other Other Other Cellulose	PLM %Mineral FillerOrganic BindersVermiculite*Other ^ If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %Mineral Filler
for results	Method: PELAP EPA SCAN Stereoscopic Exam Color DUD texture Morph Homogeneity Vermiculite Image: Color of Layer Asbestos Point Counts Slide 1 Slide 2 Slide 3 PLM Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Detected Yes No NOB PLM Morph Image: Color Counts Slide 1 Slide 2 Slide 3 PLM Morph Image: Color Counts Slide 1 Slide 2 Slide 3 PLM Morph Image: Color Counts EPA Image: Color Counts Image: Color Counts Method: ELAP EPA Image: Color Counts Image: Color Counts Image: Color Counts Method: ELAP EPA Image: Color Counts Image: Color Counts Image: Color Counts Method: ELAP EPA Image: Color Counts Image: Color Counts Image: Color Counts Image: Color Counts Homogeneity Vermiculite Image: Color Counts Im	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	r. PT Total PT	Results PLM % Chrysotile Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Fiberglass Other □ Cellulose Ondufose Extinction □ Fiberglass Isotopic □ Synthetic High Birefringence □ Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other	PLM %Mineral FillerOrganic BindersOtherOtherOtherOtherOtherOtherOther
for results	Method: FELAP EPA SCAN Stereoscopic Exam Color Bubble Cexture Morph Homogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Stide 1 Stide 2 Stide 3 PLM Detected Yes No Point Counts Stide 1 Stide 2 Stide 3 PLM Detected Yes No Image: Color of Layer Detected Yes No Comments: Method: ELAP EPA SCAN Stereoscopic Exam Image: Color Morph Image: Color Morph Homogeneity Verniculite Image: Color of Layer Asbestos Image: Color of Layer Detected Yes No	n Extinction RI 1	PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I DS Color Co	roperties	n Other Identity	Results PLM % Chrysotile Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Cellulose Other	PLM %Mineral FillerOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1Nineral FillerOrganic BindersVermiculite*Vermiculite*
for results	Method: PELAP EPA SCAN Stereoscopic Exam Color DUD texture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Stereoscopic Exam Comments: Method: EPA SCAN Stereoscopic Exam Morph Morph Color Method: Texture Morph Homogeneity Vermiculite Morph Homogeneity Vermiculite Morph Hof Layers Asbestos Morph Point Counts Slide 1 Slide 2 Slide 3	Extinction RI 1 Image: Slide 4 Slide 5 Slide 4 Slide 5	PLM Optical P	roperties	n Other Identity	Results PLM % Chrysotile Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Dother Fibrous PLM % Cellulose Other Fibrous PLM % Cellulose Other	PLM % Mineral Filler Organic Binders Vermiculite* Other If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM % Mineral Filler Organic Binders Vermiculite* Other
for results 3 43 Field Number Gravimetric Required P Recommended D See gravimetric P analysis sheet for results SM-V Required See SM-V analysis sheet for results S 4 44 Field Number Gravimetric Gravimetric Required See gravimetric Required See gravimetric Teanalysis sheet for results See gravimetric	Method: PELAP EPA SCAN Stereoscopic Exam Color DUD texture Morph Homogeneity Vermiculite Morph # of Layers Asbestos Morph Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Stereoscopic Exam Comments: Method: EPA SCAN Stereoscopic Exam Morph Morph Color Method: Texture Morph Homogeneity Vermiculite Morph Morph PLM Detected Yes No	n Extinction RI 1	PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I DS Color Co	roperties	n Other Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Other Other	PLM %
for results	Method: PELAP EPA SCAN Stereoscopic Exam Color Dubble Cexture Morph Homogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Detected Yes No NOB PLM Image: Color of Layer EPA Image: Color of Layer NOB PLM Image: Color of Layer EPA Image: Color of Layer Method: ELAP EPA Image: Color of Layer Method: ELAP EPA Image: Color of Layer Method: ELAP EPA Image: Color of Layer Hornogeneity Vermiculite Image: Color of Layer Image: Color of Layer Hornogeneity Vermiculite Image: Color of Layer Image: Color of Layer Image: Color of Layer Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Color of Layer Image: Color of Layer Image: Color of Layer NOB PLM Image: Color of Layer Image: Color of Layer Image: Color of Layer Image: Color of Layer Image: Co	Extinction RI 1	PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I DS Color Co	roperties	n Other Identity	Results PLM % Chrysotile Arnosite Other KASb. Or %Ver. KASb. Or %Ver. Chrysotile Arnosite Chrysotile Chrysotile Other	Other Fibrous PLM % Cellulose Other Differ Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Differ Fibrous PLM % Cellulose Clulose Lordow Moderate	PLM %Mineral FilterOrganic BindersVermiculite*Other * If vermiculite is >10% the level of asbestos in a sample might be underestimated. See Note #1. Non Fibrous PLM %Mineral FilterOrganic BindersVermiculite*Other * If vermiculite is >10% the
for results 3 43 Field Number Gravimetric Required P Recommended D See gravimetric P analysis sheet for results SM-V Required analysis sheet for results SM-V Required analysis sheet for results Gravimetric Required Gravimetric Required See gravimetric Gravimetric See gravimetric Sheet SM-V Required See gravimetric Sheet SM-V Required	Method: PELAP EPA SCAN Stereoscopic Exam Color Dubble Cexture Morph Homogeneity Vermiculite Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Detected Yes No NOB PLM Image: Color of Layer EPA Detected Yes NOB PLM Image: Color of Layer EPA Detected Yes NOB PLM Image: Color of Layer Image: Color of Layer Morph Color Image: Color of Layer Morph Image: Color of Layer Morph Homogeneity Vermiculite Image: Color of Layer Morph Homogeneity Vermiculite Image: Color of Layer Image: Color of Layer Detected Yes No Point Counts Slide 1 Slide 2 Slide 3 PLM Image: Color of Layer Image: Col	Extinction RI 1	PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I DS Color Co Slide 6 Slide 7 PLM Optical P RI I SColor Co	roperties	n Other Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Other Other Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Fiberglass Other Extinction Fiberglass Isotopic Synthetic High Birefringence Other Fibrous PLM % Other Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate	PLM %
for results	Method: FELAP Stereoscopic Exam Color Build Stereoscopic Exam Homogeneity Vermiculite # of Layers Asbestos Color of Layer Detected Yes Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM Homogeneity Vermiculite Homogeneity Vermiculite Homogeneity Vermiculite Homogeneity Vermiculite Homogeneity Vermiculite Point Counts Slide 1 Slide 2 Slide 3 PLM NOB PLM <	A Extinction RI I A Extinction RI I B Extinction RI I Slide 4 Slide 5 NING OPTION B Extinction Slide 4 Slide 5 Slide 5 Slide 5 Slide 4 Slide 5	PLM Optical P RI II DS Color Co Slide 6 Slide 7 PLM Optical P RI II DS Color Co Slide 6 Slide 7 Slide 6 Slide 7 Color Co Slide 6 Slide 7 Slide 6 Slide 7	roperties	n Other Identity	Results PLM % Chrysotile Arnosite Other %Asb. Or %Ver. Asbestos Results PLM % Chrysotile Amosite Other %Asb. Or %Ver.	Other Fibrous PLM % Cellulose Other Differ Cellulose Ondulose Extinction Fiberglass Isotopic Synthetic High Birefringence Horse Hair: Scales, Low to Moderate Birefringence Other Fibrous PLM % Cellulose Cherr Cellulose Cherr Dother Synthetic High Birefringence Cellulose Cherr Low to Moderate Birefringence Horse Hair: Scales, Low to Moderate Birefringence	PLM %

Asbestos in Bulk Insulation Samples - 4 Appendix E to Subpart E of Part 763 EPA 600/R-93/116 ELAP Items 198.1, 198.4, 198.6, 198.8 40 CFR

(SM-V). For samples containing >10% verniculite ELAP requires methods ELAP 198.1 followed by ELAP 198.6. This method has limitations for identification and quantific of verniculite. This method does not remove verniculite and may underestimate the level of asbestos present in a sample containing greater than 10% verniculite." Note #2: ELAP requires method 198.8 for the analysis of surfacing material containing verniculite (SM-V) and it utilizes a 400 point count method. LiLAB_FORMS.DOCUMENTS AND RECORDSIOPTICALASBESTOS_BULKASBESTOS BULK FORMS 2022/BULK ASBESTOS ANALYSIS SHEET_FORM #82 doc Page _____ of ______ ATC EFFECTIVE DATE 01/25/2022 REVISION #34 BY MEI WANG FORM #82



ATC Group Services LLC GRAVIMETRIC (NOB) ANALYSIS SHEET

Client/I	Project:	TOWN NORTH HEPSTEAD				PLM Batch #	22-138				Start Date:	1/28/2022
NOB PL	M PREP:	MG)/EV	NOB PLM Analyst:			SH	NOB TEM Analyst:		RP	Date Completed:	1/31/2022
	5	11	12	9	13			M	etho	ds		
Field #	% Organic	Non Asb Residue % NFr	% Carbonate	Asbestos Types or Vermiculite	% Total Asbestos or Vermiculite		Notes	PREP	NOE Plm	·		
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.



ATC Group Services LLC GRAVIMETRIC (NOB) ANALYSIS SHEET

.

Client/I	Project:	TOWN NO	RTH HEPS	TEAD		PLM Batch #	22-138	_			Start Date:	1/28/2022
NOB PLI	M PREP:	MG)/EV	NOB PLM Analyst:			SH	NOB TEM Analyst:		RP	Date Completed:	1/31/2022
	5	11	12	9	13		KANG ALIKA GENES DA KAN	M	ethod	s		;
Field #	% Organic	Non Asb Residue % NFr	% Carbonate	Asbestos Types or Vermiculite	% Total Asbestos or Vermiculite		Notes	PREP	NOB PLN			
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				~	~ \	<u>·</u>		
43	82.6	12.6	4.8	ND				~	<u> </u>			
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.

ATLAS ATC



ATLAS ATC	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615	PHOTOGRAPHIC	
	SITE LOCATION: 746 Pro	ospect Avenue, Westbury, NY 11590	ATC PROJECT # Z214NH0004
Town of North Hempstead Community Development Agency		, 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.			



ATLAS	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615	PHOTOGRAPHIC	CLOG
CLIENT NAME: Town of North Hempstead	SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590		ATC PROJECT # Z214NH0004
Community Development Agency	UNITS TESTED: Unit 1, 2	2, Ground FL Retail Space	





G
OJECT # 004
004
100
and the
man logo ,



ATLAS	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615	PHOTOGRAPHIC	LOG
CLIENT NAME: Town of North Hempstead	SITE LOCATION: 746 Pro	ospect Avenue, Westbury, NY 11590	ATC PROJECT # Z214NH0004
Community Development	UNITS TESTED: Unit 1, 2	, Ground FL Retail Space	





CLIENT NAME: Town of North Hempstead	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615 SITE LOCATION: 746 Pro	PHOTOGRAPHIC ospect Avenue, Westbury, NY 11590	CLOG ATC PROJECT # Z214NH0004
Community Development Agency	UNITS TESTED: Unit 1, 2	, Ground FL Retail Space	
Photo No. 9Date Taken: 08/17/2021Description:2nd Floor Apartment; KitchenGypsum wallboard and associated joint compound.			
Photo No. 10Date Taken: 08/17/2021Description:2nd Floor Unit; Bathroom			

Ceramic wall and floor time tile grout and thinset mortar.



Town of North Hempstead Community Development Agency SITE LOCATION: 746 Prospect Avenue, Westbury, NY 11590 Z214NH0004 VINTS TESTED: Unit 1, 2, Ground FL Retail Space Photo No. Date Taken: 08/17/2021 Description: 2nd Floor Unit; Living Room Gypsum wallboard and associated joint compound. 12"x12" brown self-adhesive VFT; 1st layer.	ATLAS ATC CLIENT NAME:	104 East 25 th Street, 8 th Floor New York, NY 10010 <u>www.oneatlas.com</u> Tel: 212-284-0615	PHOTOGRAPHIC	LOG
11 08/17/2021 Description: 2nd Floor Unit; Living Room Gypsum wallboard and associated joint compound. 12"x12" brown self-adhesive VFT; 1st	Community Development		· · · ·	Z214NH0004
	11 08/17/2021 Description: 2nd Floor Unit; Living Room Gypsum wallboard and associated joint compound. 12"x12" brown self-adhesive VFT; 1st			

Photo No.	Date Taken:	
12	08/17/2021	
Description:		
2 nd Floor Uni Hallway	it;	
1 st layer 12"x self-adhesive 2 nd layer 12"x self-adhesive	VFT and 12" beige	



CLIENT NAME: Town of North Hempstead Community Development		PHOTOGRAPHIC ospect Avenue, Westbury, NY 11590	CLOG ATC PROJECT # Z214NH0004
Agency	UNITS TESTED: Unit 1, 2	2, Ground FL Retail Space	
Photo No.Date Taken:1308/17/2021Description:2nd Floor Unit;			
Bedroom Gypsum wallboard and associated joint compound.			



ATLAS ATC



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 a sbestos or a sbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the a sbestos project worksite. This license verifies that all persons employed by the licensee on an a sbestos 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.

SH 432 (8/12)

Amy Phillips, Director For the Commissioner of Labor NEW YORK STATE DEPARTMENT OF HEALTH

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

NY Lab Id No: 10879

ikana

)D¥

49. ju

leicit

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE Issued in accordance with and pursuant to section 502 Public Health Law of New York State

dhhh

let

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

*

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 Non-Friable Material Item 198.1 of Manual EPA 600/M4/82/020 Asbestos in Non-Friable Material-PLM Asbestos in Non-Friable Material-TEM Asbestos-Vermiculite-Containing Material Item 198.8 of Manual

AIN

Serial No.: 62825

Property of the New York State Department of Health. Certificates are valid only at the address shown must be conspictiously 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.

Page 1 of 1

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER /// 1.7 4 Expires 12:01 AM April 01, 2022 Issued April 01, 2021 <u>400</u> 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 COPV ٩đ adu. NY Lab Id No: 10879 ATC GROUP SERVICES LLC 104 EAST 25TH STREET 8TH FLOOR _NEW YORK, NY 10010 and the is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS All approved subcategories and/or analytes are listed below: 100PMiscellaneous Asbestos 40 CFR 763 APX A No. 11 NIOSH 7402 NIOSH 7400 A RULES Fibers a ce i apv <u>o</u>ř ra:// AOV<u>a</u>df <u>a</u>qv et. Ter ÌÌV A00d0Property 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. aanti

Page 1 of 1



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

\checkmark	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.

Bet Bair

Elizabeth Bair Chairperson, Analytical Accreditation Board

Revision 17: 09/11/2018

Cheryl J. Marton

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

Date Issued: 08/30/2019



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

ATC Group Services LLC

Laboratory ID: LAP-100229

Issue Date: 08/30/2019

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

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: <u>http://www.aihaaccreditedlabs.org</u>





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

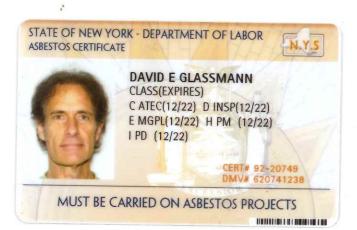
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-07-01 through 2017-06-30

Effective Dates



For the National Voluntary Laboratory Accreditation Program





EYES HAZ LO 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 MaterialItem 198.1 of Manual
EPA 600/M4/82/020Asbestos in Non-Friable Material-PLMItem 198.6 of Manual
Asbestos in Non-Friable Material-TEMAsbestos-Vermiculite-Containing MaterialItem 198.8 of Manual
Item 198.8 of ManualLead in Dust WipesEPA 7000BLead in PaintEPA 7000B

Item 198.1 of Manual EPA 600/M4/82/020 Item 198.6 of Manual (NOB by PLM) Item 198.4 of Manual Item 198.8 of Manual EPA 7000B EPA 7000B ASTM D3335-85A

Sample Preparation Methods

EPA 3051A ASTM D3335-85A ASTM E-1644-17

Serial No.: 64843

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.

APPENDIX D

ASBESTOS AND LEAD LABORATORY ANALYSES AND CHAINS OF CUSTODY



Long Island City, NY 11102

www.alphalabsllc.com

BULK SAMPLE ANALYSIS REPORT

Tel.: (718) 482-7525 Fax: (718) 482-7524

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	Sample	Appearance	GRAVIME	TRIC PREI	PARATION		PLM		TEM
	Description	Location		% 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 Asphait 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	



Long Island City, NY 11102

Tel · (718) 482-7525 Fax: (718) 482-7524

www.alphalabsilc.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	Sample	Appearance	GRAVIME	ETRIC PREI	PARATION	PLM			TEM
	Description	Location		% 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	Biack 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



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	Sample	Appearance	GRAVIME	TRIC PREI	PARATION		PLM	<u> </u>	TEM
	Description	Location		% 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	



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# Sample Sample Lab Sample ID# Decorrintion			Appearance	GRAVIME	ETRIC PREF	PARATION	PLM			TEM
	Description	Location		% 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	PLM Analyst: D. Molohides
Date of TEM Analysis: 8/18/22	TEM Analyst: A. Ansari
Date of Report: 8/19/22	·
Analyst:/_/	QC Review / Date:
D./Molohides	D. Molohides, Lab Director

NAD= No Asbest 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

Date: <u>8/12/2022</u>



AKRF, Inc. 34 South Broadway, White Plains, New York 10601 (914) 949-7336 Fax (914) 949-7559

,

TAT: 5 Day

Bulk Sample Chain of Custody

Project Site: 746 Prospect Avenue, Westbury, NY

Field Inspector: Stephen Schmid

Project Number: 200225

Client: Town of North Hempstead Page _____ of _____

Sample #	HA#	Material	Sample Area Description	Quantity & Condition/Friable	
]	A	rollet on asphalt routing (grey)	2nd FL roof	goud NF	750 SF
1	B	routing (grey) 1st inger			
ľ	C	V			
2.	A	- tar. puper 2nd luger on brock devers	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	750 SF
2	B	hvor during.			1
2	C	V	\mathbf{V}	V	
3	A	Nollel un cisphite Nutsay (Shull) 1st lugar	2°C FL rost pumpets	1	Z50 5T-
3	B	1st lugar			
3			\bigvee		
4	A	estor 2nd lugar in			2505E
Ч	B	lugar on barle / proport		· · · ·	
Ч			\checkmark	\checkmark	
Relinquished Signature:	By:		ceived By: A. Milson mature: 08/15/1022	Date: 5/1M22	1
				بة بري برية (100	. **



22-08-097 74

AKRF, Inc. 34 South Broadway, White Plains, New York 10601 (914) 949-7336 Fax (914) 949-7559

TAT: 5 Day

Bulk Sample Chain of Custody

Project Site: 746 Prospect Avenue, Westbury, NY

Field Inspector: Stephen Schmid

Project Number: 200225

Client: Town of North Hempstead Page Z of S

Date: <u>8/12/2022</u>

					_
Sample #	HA#	Material	Sample Area Description	Quantity & Condition/Friable	
17)	A	pumper cup + peretruin sor	Zne PL root	a angel NR	NFLF
5	B		1	1	
5	C	\checkmark	\bigvee	V	
6	A	Xellon mustre PT	1st PL	Congel NR	SUISE
Q	B			1	-
7	A	bluck much FT			250 SF
7	B	¥	\checkmark		
. 8	A	Heely compart			ZOUSE
8	B	V	V	\vee	
9	A	Atourly morder	ſ		758.5F
9	B	\checkmark	\checkmark		
10	A	12×12 FT bluck	L IST PL Applayor	optimpt is	IUSF
Relinquished	Ву Д	Rec	ceived By: (. M. Bern	Date:	J
Signature:(KY KI		nature:	\$/r/2Z	



Bulk Sample Chain of Custody

Project Site: 746 Prospect Avenue, Westbury, NY

Field Inspector: Stephen Schmid

Project Number: 200225

22-08-097 3/4

AKRF, Inc. 34 South Broadway, White Plains, New York 10601 (914) 949-7336 Fax (914) 949-7559

Date: <u>8/12/2022</u>

______ TAT: **5 Day**

Client: Town of North Hempstead Page 3 of 3

Sample #	HA#	Material	Sample Area Description	Quantity & Condition/Friable	
103	B	Bluck NKR FT	157 FL - tup luge	Sig Singel NP	
1)	A	white NXR FT		1	NOF
11	B	Y	\bigvee	V	
12	A	grey spec FT	15t FL = and layer	dinget NP	750SF-
n	B	\checkmark	¥		ansud 1
13	A	where spec FT	\checkmark		75052
13	B	V	J	Ý	
14	A	white IFT	1St FL - but laye		750 SF
14	B	J	V		
15	A	Stim Cout	extern 1 - stry	sý domyne NF	BOUST
15	B]	
15	C		\bigvee	\checkmark	
Relinquished I	зу:/Д	A Rec	eived By: C. M. Gean	Date: 08/15/100~ \$/12/22	
Signature:	HT !	Sigr	nature:	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

TAT: 5 Day

ØAKRF

Bulk Sample Chain of Custody

Project Site: 746 Prospect Avenue, Westbury, NY

Field Inspector: Stephen Schmid

Project Number: 200225

Client: Town of North Hempstead

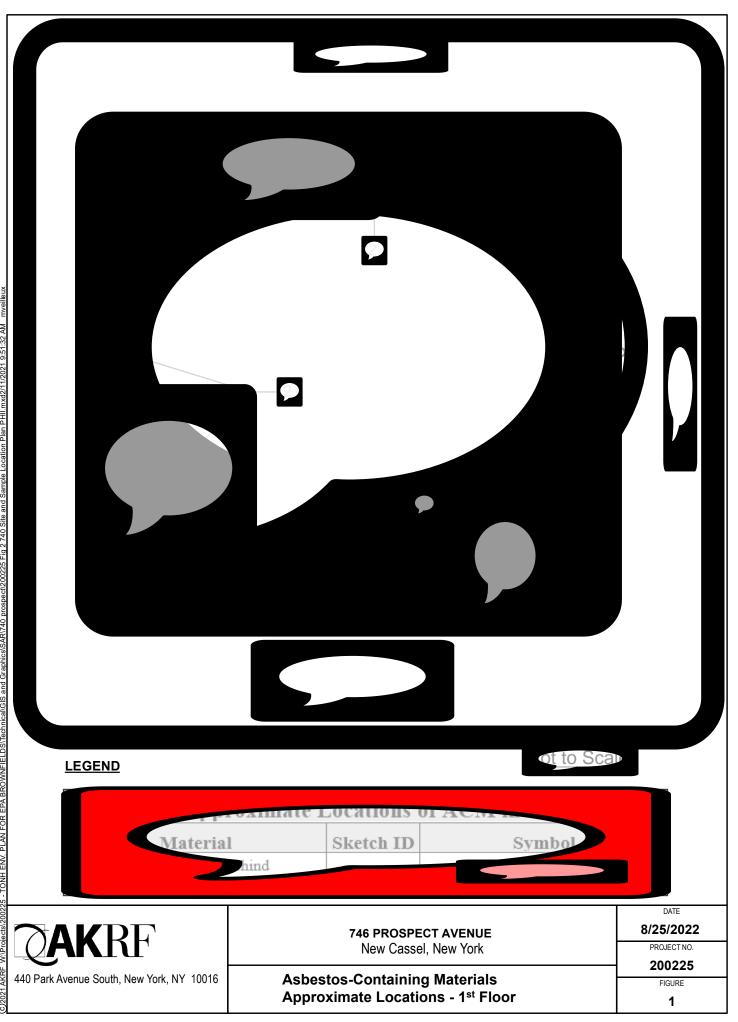
Page $\underline{\mathcal{U}}$ of $\underline{\mathcal{Y}}$

8/12/2022

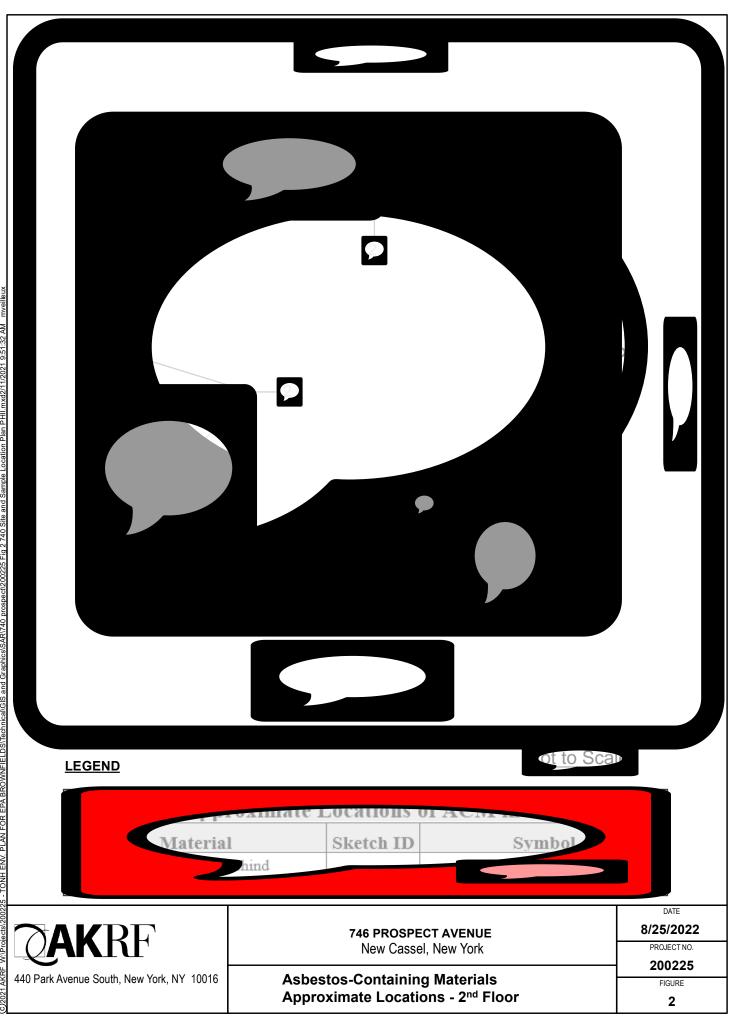
Date:

Sample #	HA#	Material	Sample A	Area Description	Quantity & Condition/Friable
16	A	block mortur	Cxtra-	4/11	9000 NF 25552
16	B	\checkmark	V		
16	C	V	V	٧	V
	th and a maple	a become more managements and a second of a	ن _{شک} وه ²⁷ ۳۰۰ بز مد مند کم		**************************************
Relinquished E	By:		ceived By: <i>L.n</i>		Date: 08/15/2022
Signature:	\forall	-AAA	nature:	17 Lan	SLIGUA

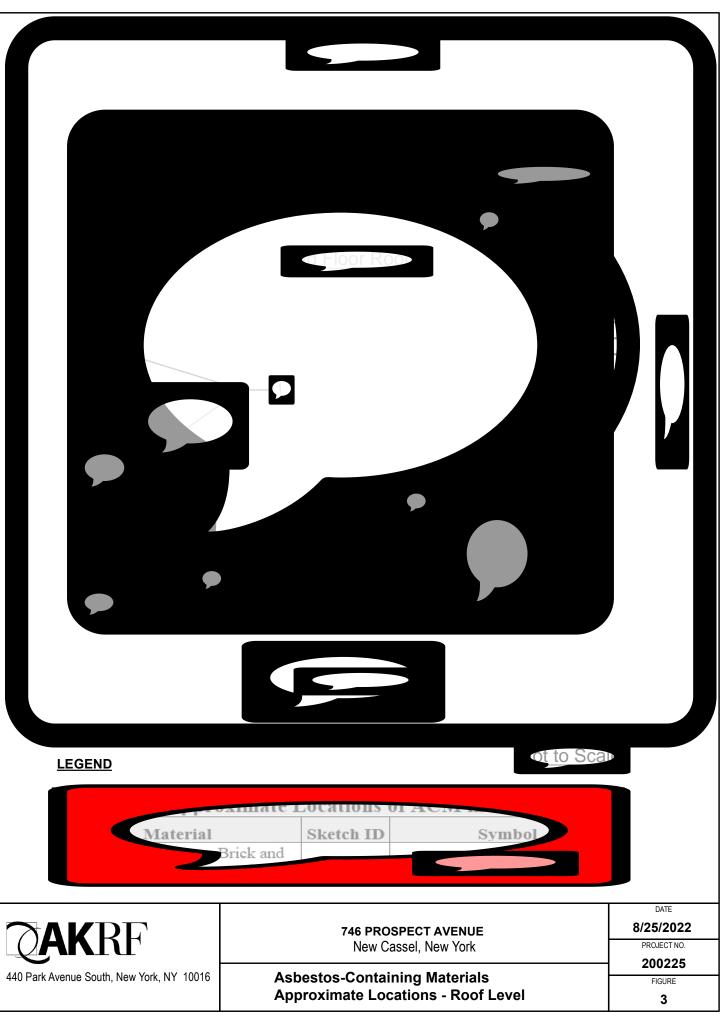
APPENDIX E ASBESTOS LOCATION SKETCHES



TONH ENV. PLAN FOR EPA BROWNFIELDS/Technical/GIS and Graphics/SAR/740 prospect/200225 Fig 2 740 Site and Sample Location Plan PHI.mxa2/11/2021 9:51:32 AM N:∖P C)2021 AKRF



TONH ENV. PLAN FOR EPA BROWNFIELDS/Technical/GIS and Graphics/SAR/740 prospect/200225 Fig 2 740 Site and Sample Location Plan PHI.mxa2/11/2021 9:51:32 AM N:P C)2021 AKRF

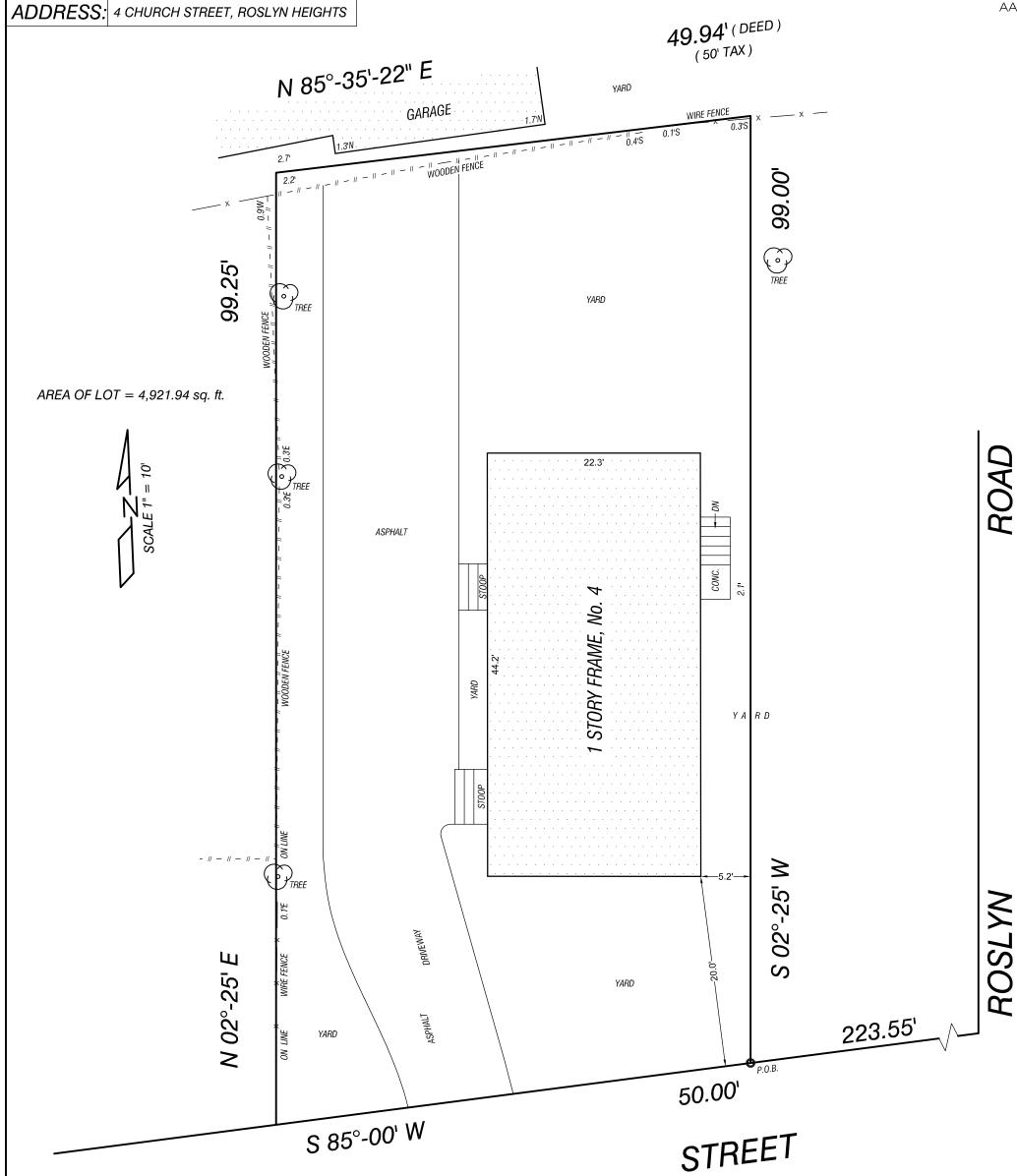


TONH ENV. PLAN FOR EPA BROWNFIELDS\Technical\GIS and Graphics\SAR\740 prospect\20025 Fig 2 740 Site and Sample Location Plan PHI.mxd2/11/2021 9:51:32 AM N-N C)2021 AKRF

mveilleux

<u>Exhibit C</u>

4 Church St Property Documents



CHURCH

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.

EASEMENTS OF RECORD ARE ONLY GUARANTEED IF A DESCRIPTIVE ABSTRACT OF TITLE IS FURNISHED TO ANASTASIA I. PARSATOON THE SURVEYOR.

3. THIS MAP WAS MADE AT A SCALE OF 1"=10' WHEN ORIGINALLY DRAWN.

PROPERTY CORNER MONUMENTS WERE NOT PLACED AS PART OF THIS SURVEY. 4.

5. IT IS A VIOLATION OF THE STATE EDUCATION LAW FOR ANY PERSON, U DIRECTION OF A LICENSED LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IT IS A VIOLATION OF THE STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE

ARCHITECTS MUST ORDER A TOPOGRAPHICAL MAP SPECIFYING THEIR EXACT NEEDS. 6.

ALL ELEVATIONS SHOWN IF ANY REFER TO THE NAVD1988. 7.

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND 8. SURVEYOR'S INKED OR EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

CONSULT WITH THE HIGHWAY DEPARTMENT BEFORE DESIGNING, INSTALLING, OR MODIFYING ANY NEW 9. OR EXISTING CURBS, WALKS, OR ROADWAYS IN THE STREETS SHOWN HEREON.

SUBSURFACE INFORMATION SHOWN WERE OBTAINED FROM VARIOUS CITY DEPARTMENTS AND/OR 10 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

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

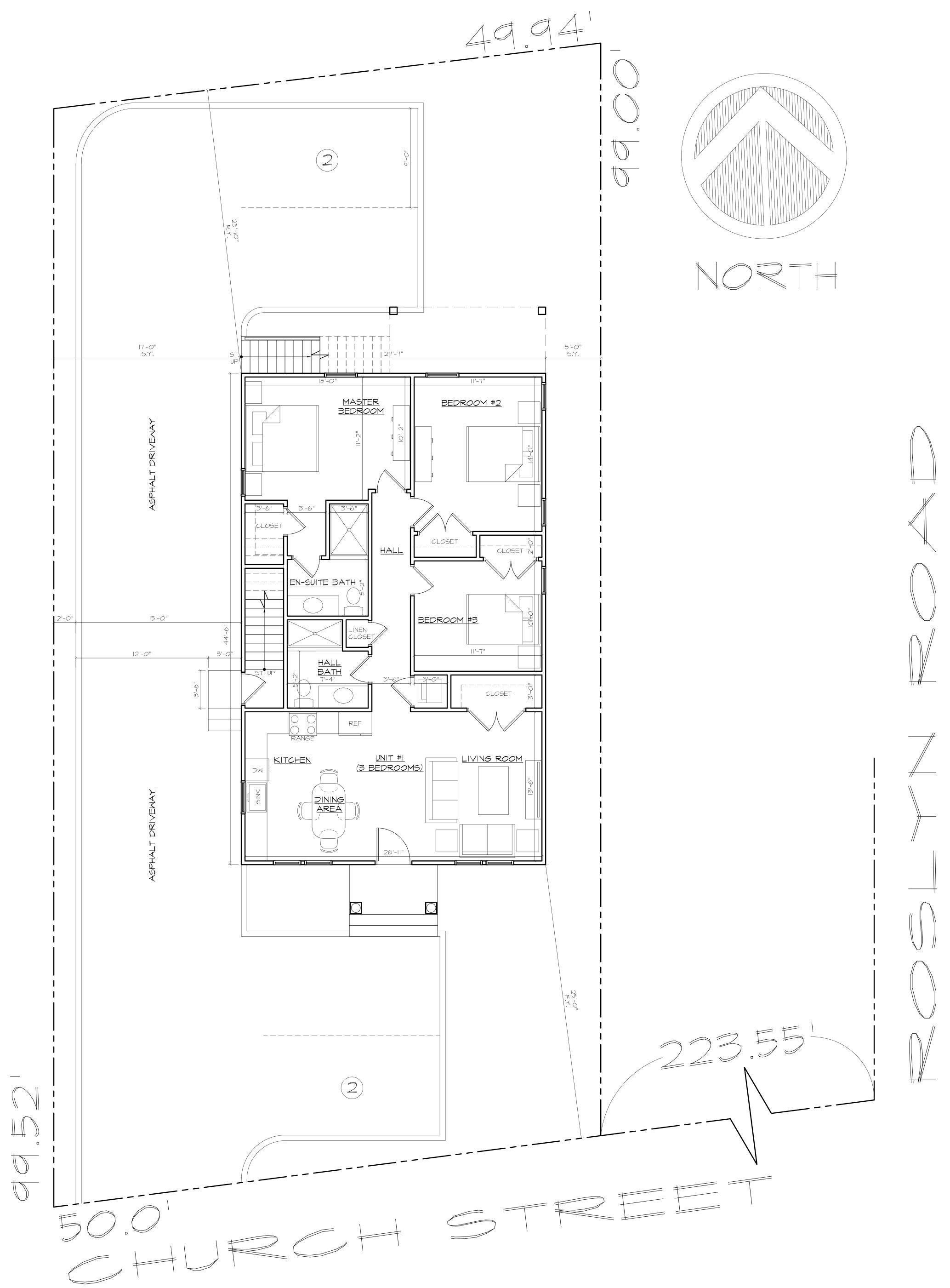
DISTRICT SECTION 7

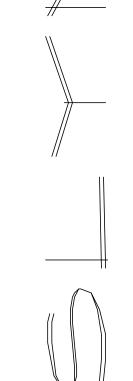
BLOCK 60

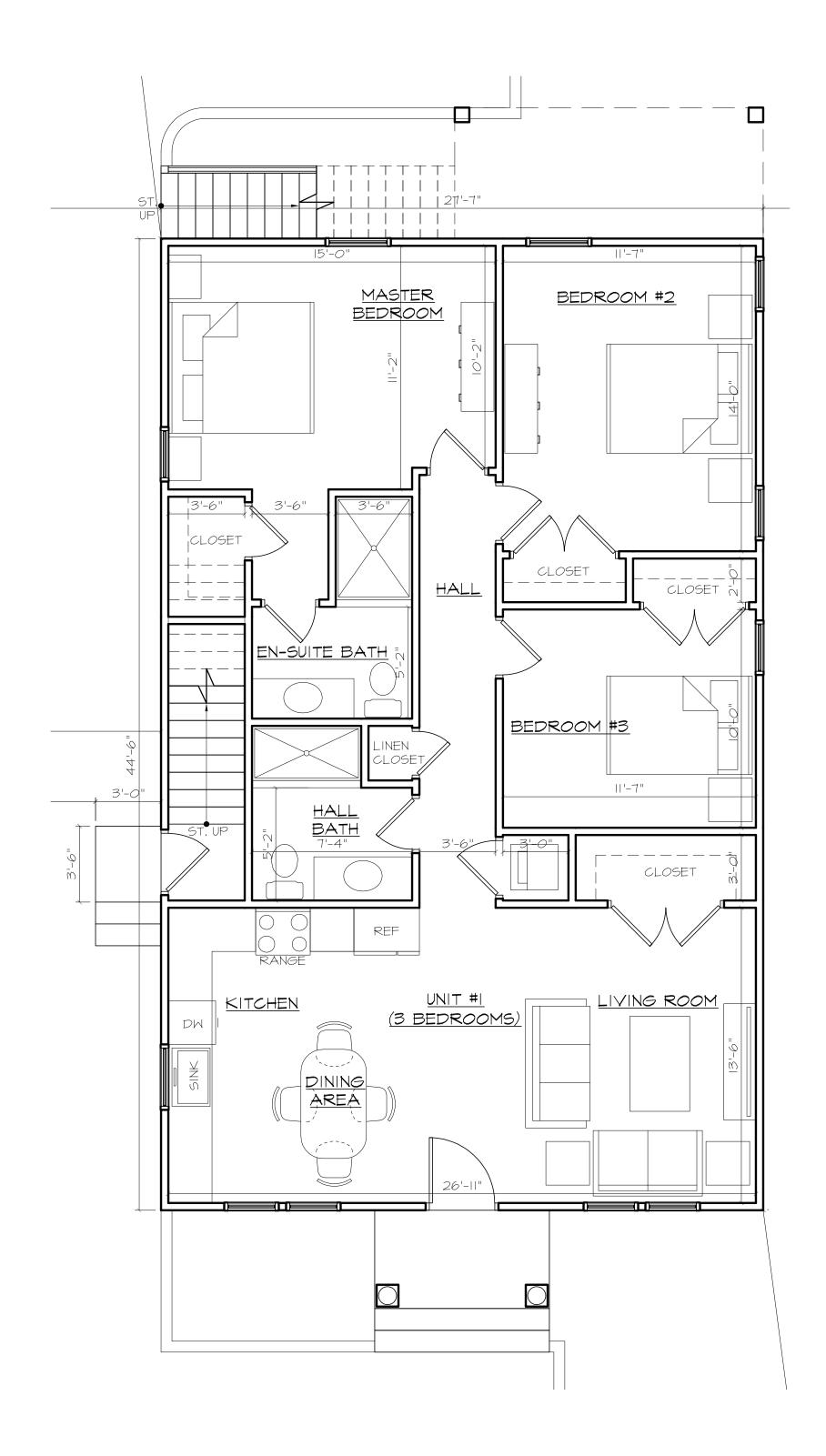
LOT 334

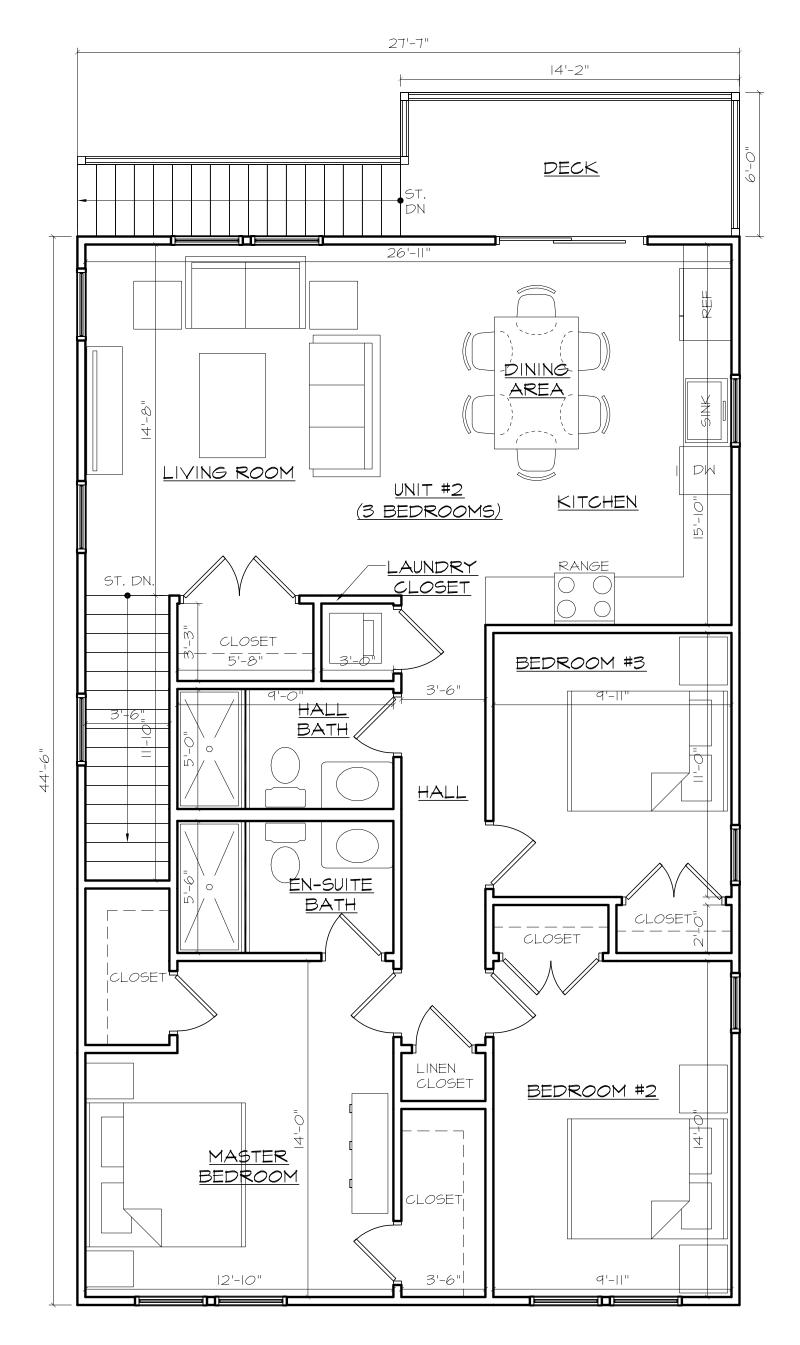
ANASTASIA I. PARSATOON, L.S. NEW YORK LICENSE 051088

DATE: MARCH 19th, 2020









SECOND FLOOR PLAN

MULTIFAMILY - LAFFEY 2ND FLOOR SF: 1,228.2 Emilio Susa Architect

<u>Exhibit D</u>

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 <u>ALL FIVE</u> 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:

- <u>Adverse Equal Opportunity Determinations:</u> 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. <u>Convictions and Unscrupulous Practice</u>: 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. <u>Pending or Threatened Actions/Suits</u>: 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. <u>Criminal Misconduct:</u> 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. <u>Conflicts of Interest:</u> 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. **<u>Financial Disclosure</u>**. 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)

[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_______of______

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 _______ 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.

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)	
COUNTY OF	SS.:)	
	before me personally came	_to me
-	own to me to be the individual(s) described in, and who executed the foregoing NONCOLLUSIVE RTIFICATION, and duly acknowledged to me that s/he executed the same.	
(Notary Public) My commission expires	_
	(Acknowledgment for Partnership)	
STATE OF) SS.:	
COUNTY OF)	
known, who, k	before me personally came y me duly sworn, did depose and say that deponent resides	_to me
which execute	; that deponent is a member of the partnership describe d the foregoing NONCOLLUSIVE PROPOSAL CERTIFICATION; deponent is authorized to sign the fore E PROPOSAL CERTIFICATION.	
(Notary Public	My commission expires	_
-	(Acknowledgement for Corporation)	
STATE OF)	
COUNTY OF	ss.:)	
	before me personally came	to
	 by me duly sworn, did depose and say that deponent resides at	that
CERTIFICATION CERTIFICATION	I, that deponent knows the seal of the corporation, that the seal affixed to the NONCOLLUSIVE PROPOSAL I, is the corporate seal, that it was affixed by order of the board of the corporation; and that depo nt's name by like order.	

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

(2)

(3)

Nam

(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):	
Worker's Compensation:	
Insurance Tear:Policy Number(s):	
Professional Errors and Omissions Insurance:	
Insurance Carrier:	
Policy Number:	-
e, 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