AHERA - THREE YEAR REINSPECTION



FERDINAND T. DAY ES

1701 NORTH BEAUREGARD STREET
ALEXANDRIA, VIRGINIA 22311

ECS PROJECT NO. 47:11652-E4-8

FOR: ALEXANDRIA CITY PUBLIC SCHOOLS

AUGUST 21, 2025

August 21, 2025

Mr. Lee Conroy
Alexandria City Public Schools
1708 North Beauregard Street
Alexandria, Virginia 22311

ECS Project No. 47:11652-E4-8

Reference: AHERA - Three Year Reinspection, Ferdinand T. Day ES , 1701 North Beauregard Street, Alexandria, Virginia

Dear Mr. Conroy:

ECS Mid-Atlantic, LLC (ECS) is pleased to provide Alexandria City Public Schools with the results of the above referenced AHERA - Three Year Reinspection performed at Ferdinand T. Day ES located at 1701 North Beauregard Street in Alexandria, Virginia.

Previous asbestos surveys of the school did not identify asbestos. ECS performed a cursory walk through of the school to observe present conditions.

This report summarizes our observations, findings, and recommendations related to the work performed. The work described in this report was performed by ECS in general accordance with the Scope of Services described in ECS Proposal Number 47:39012-EP and the terms and conditions of the agreement authorizing those services.

ECS appreciates this opportunity to provide Alexandria City Public Schools with our services. If we can be of further assistance to you, please do not hesitate to contact us.

Sincerely,

ECS Mid-Atlantic, LLC

Adam Truax
Environmental Senior Project Manager
atruax@ecslimited.com

Christopher J. Chapman, CIH
Director of Industrial Hygiene
cchapman@ecslimited.com

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1.0 SITE DESCRIPTION

The subject property consists of Ferdinand T. Day ES , a six-story brick school building located at 1701 North Beauregard Street in Alexandria, Virginia. The school was originally constructed in 1998 and encompasses approximately 125,856 square feet. The school was originally constructed as an office building and has been improved with various renovation and additions. Building finishes observed included concrete sub-floors, vinyl floor tiles, carpet, and/or ceramic tiles; the wall systems appeared to generally consist of concrete masonry unit (CMU) block walls, drywall wallboard, and/or ceramic wall tiles; and the ceiling systems appeared to generally consist of suspended drop ceilings with ceiling tiles and some plaster finishes.

2.0 PURPOSE

Previous asbestos surveys of the school did not identify asbestos. ECS performed a cursory walk through of the school to observe present conditions.

3.0 METHODOLOGY

ECS performed the authorized Scope of Services in general accordance with our proposal.

3.1 Asbestos Re-Inspection

The AHERA re-inspection survey was performed by David Stambaugh, a Virginia licensed asbestos inspector (license number 3303005057) who has received EPA-accredited training.

Before conducting the re-inspection, ECS reviewed existing inspection reports and then walked through areas where assumed materials were located.

The scope of work for the re-inspection included the following items:

- Review the existing management plan to determine the areas requiring re-inspection.
- Identify renovations or new materials that have been added to the building since the previous inspection.

At the request of the client, ECS did not sample additional materials during this inspection.

4.0 RECOMMENDATIONS AND REGULATORY REQUIREMENTS

Based on our understanding of the purpose of the AHERA - Three Year Reinspection, and our findings and observations, ECS presents the following recommendations.

4.1 Asbestos-Containing Materials

For any future renovation project, a more in-depth survey should be performed for asbestos in the path of construction. Where asbestos is found, an asbestos abatement plan should be prepared by an accredited professional as outlined in AHERA prior to performing any asbestos removal work.

The results of this survey should be added to the school's AHERA management plan.

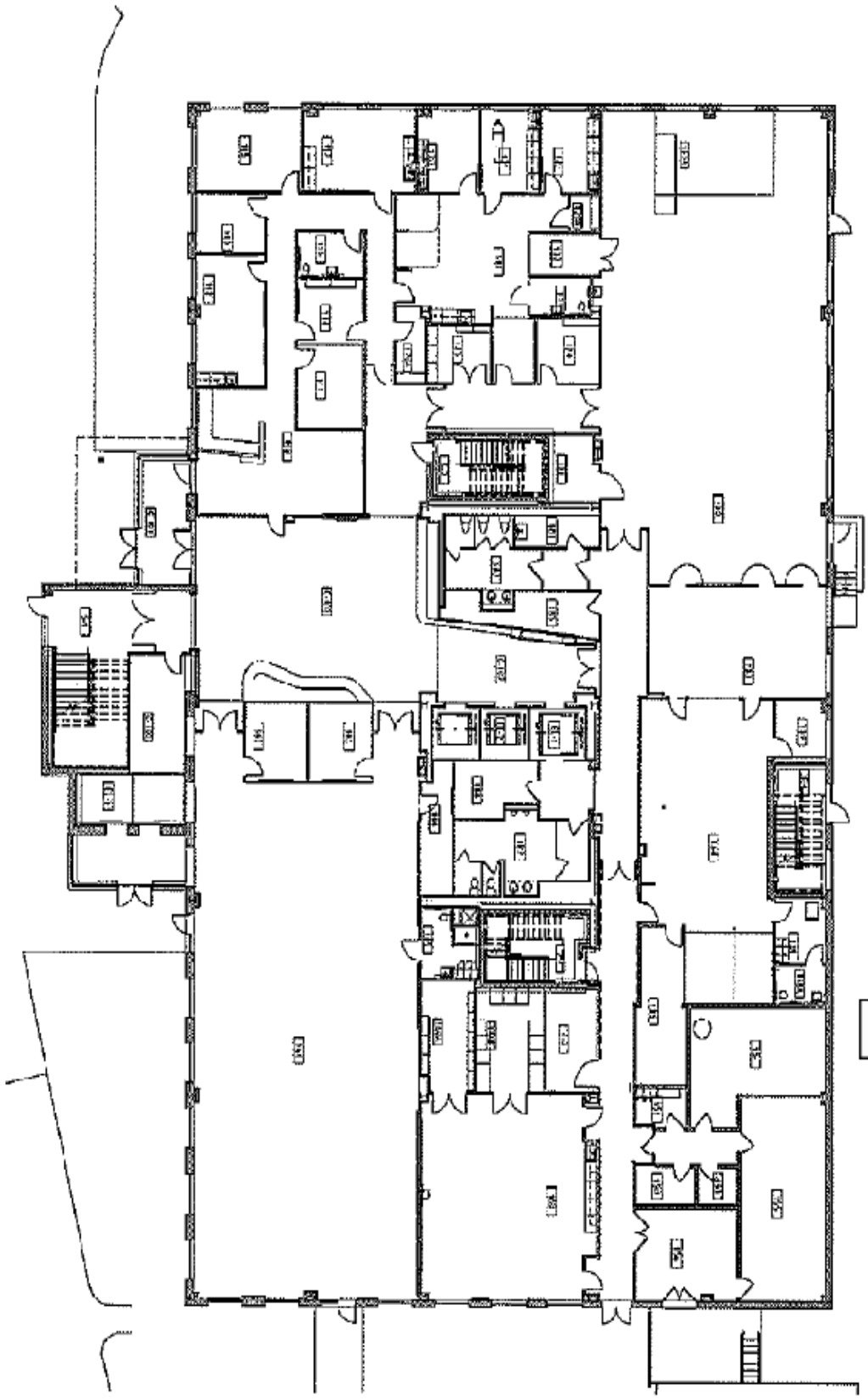
5.0 LIMITATIONS

The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

The observations, conclusions, and recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS and the client.

Our recommendations are in part based on federal, state, and local regulations and guidelines. ECS does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies, any conditions at the site that may present a potential danger to public health, safety, or the environment. Under this scope of services, ECS assumes no responsibility regarding any response actions initiated as a result of these findings. General compliance with regulations and response actions are the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements.

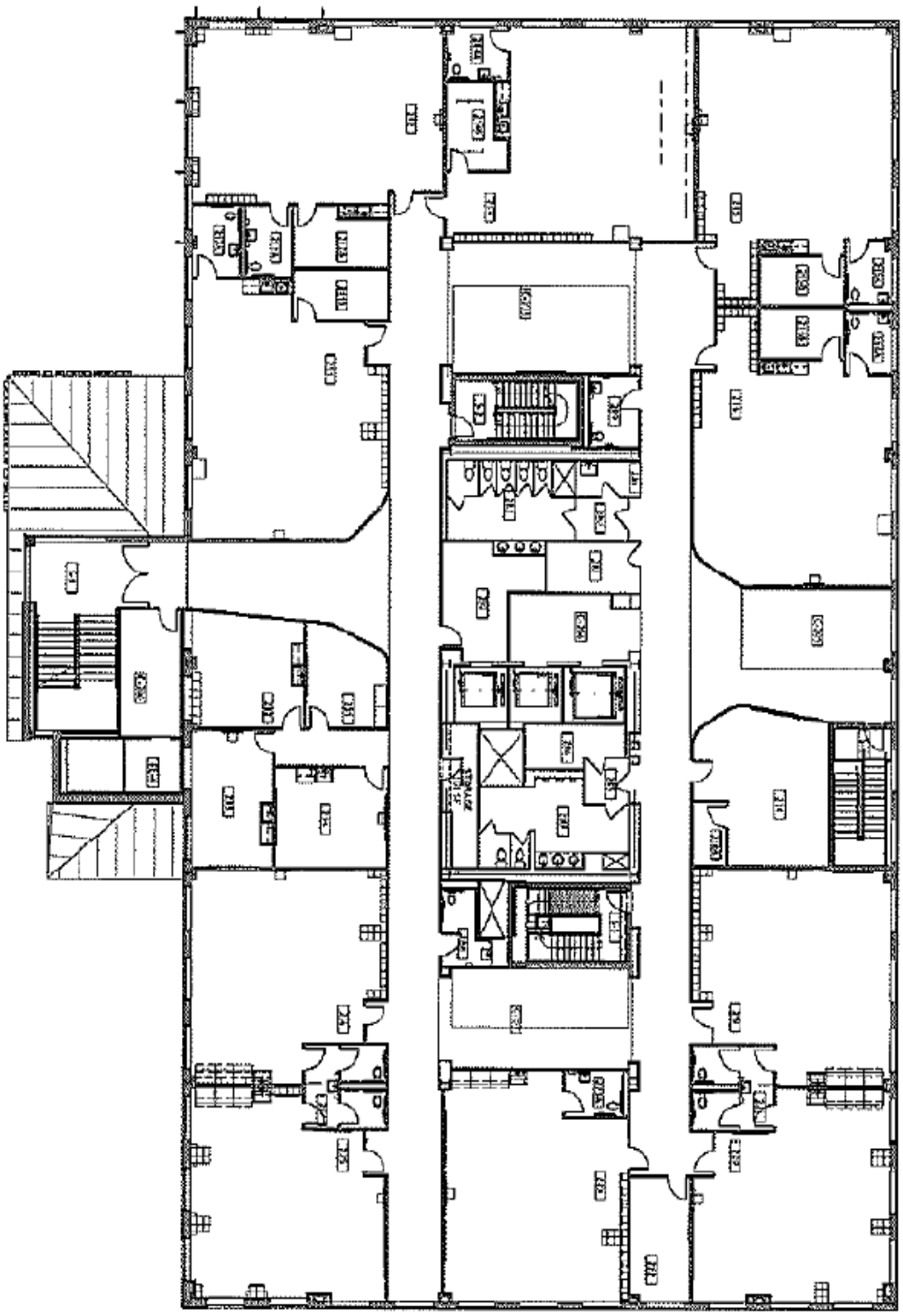
Appendix I: Floor Plan



Scale: NTS

Sample Location Sketch
First Floor

Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311



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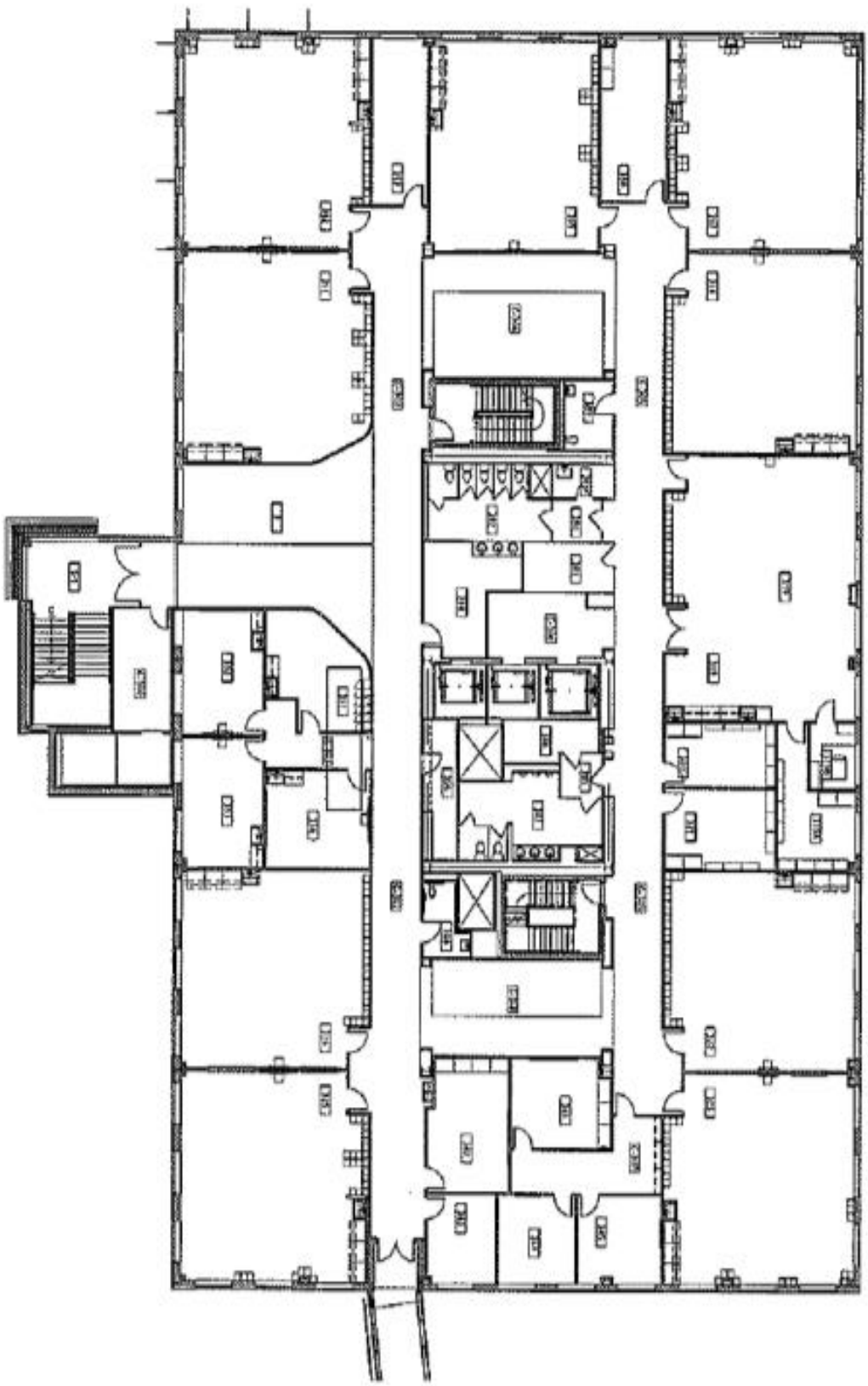
Sample Location Sketch
Second Floor

Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311



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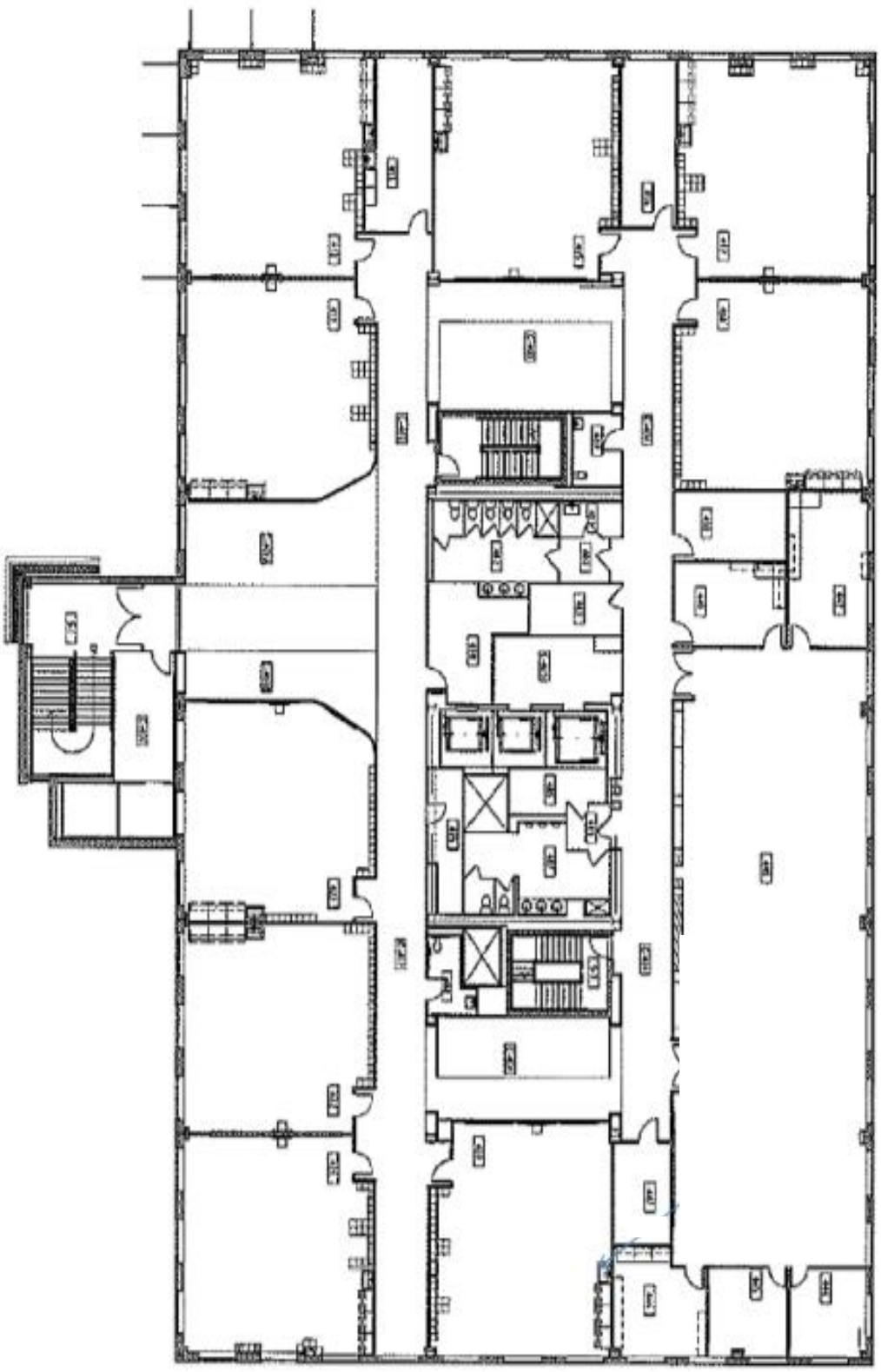
Sample Location Sketch
Third Floor

Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311



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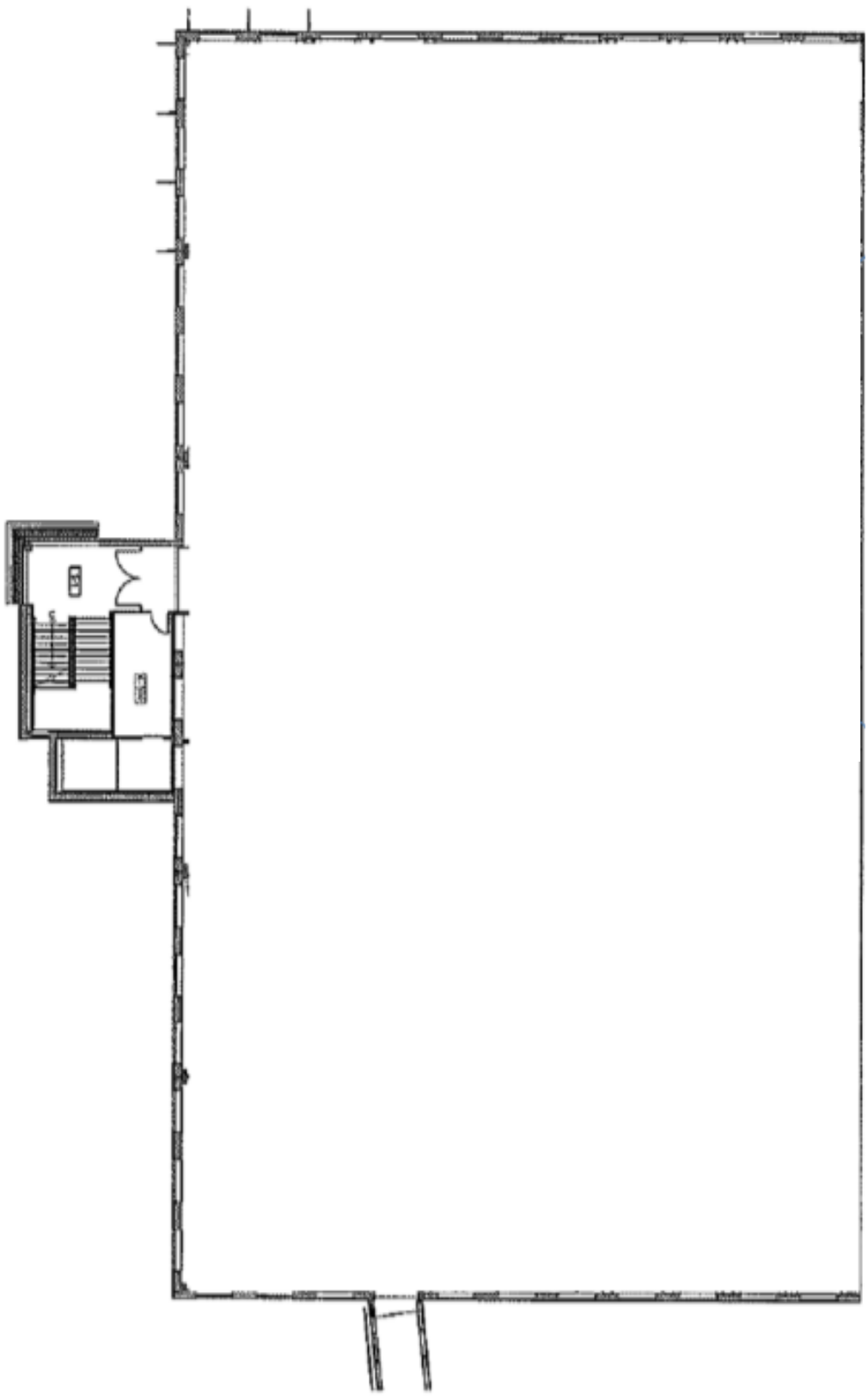
Sample Location Sketch Fourth Floor

Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311



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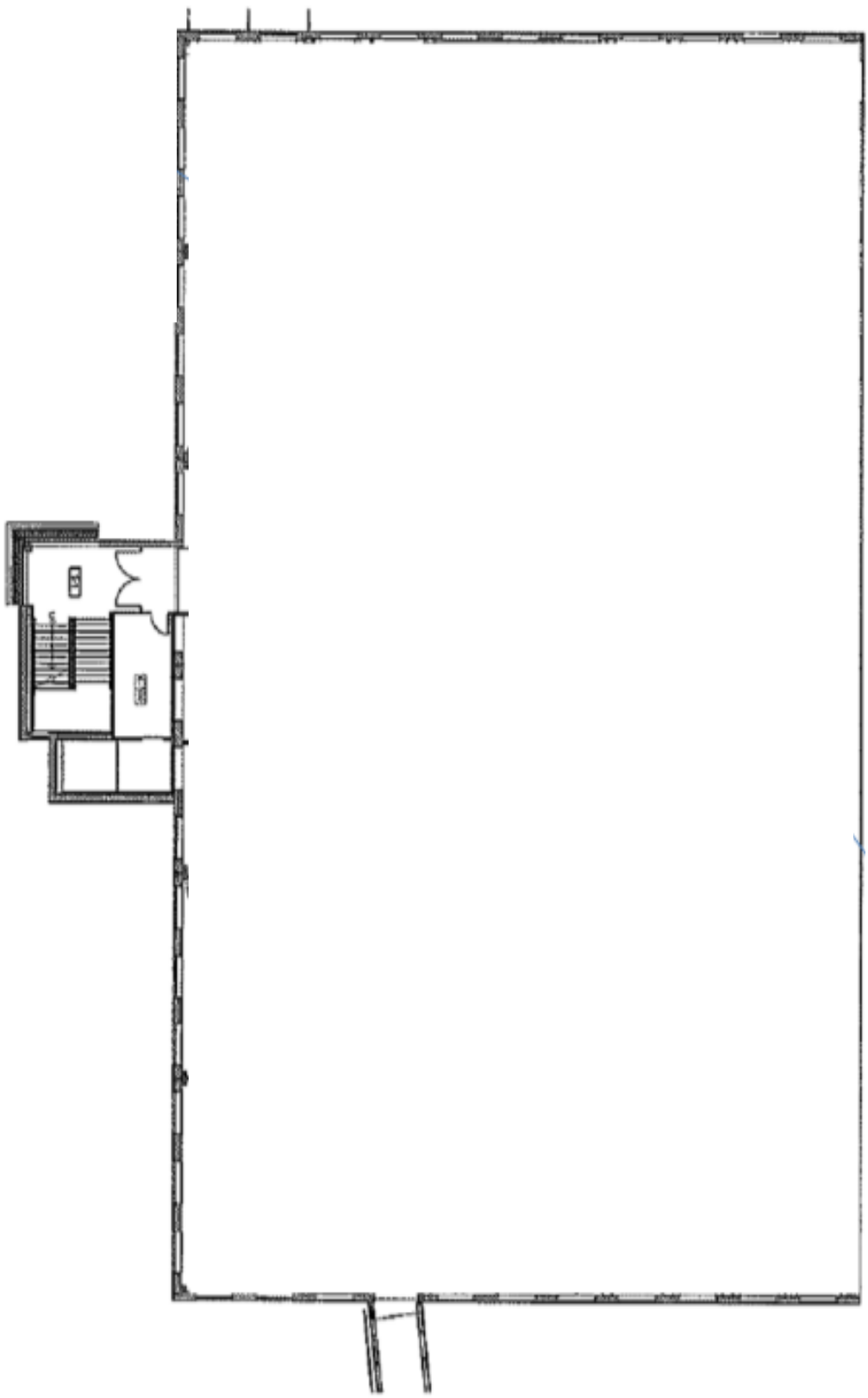
Sample Location Sketch Fifth Floor

Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311



Scale: NTS

Sample Location Sketch Sixth Floor

Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311

Appendix II: Certifications/ Licenses

DPOR License Lookup License Number 3303005057

License Details

Name	STAMBAUGH, DAVID
License Number	3303005057
License Description	Asbestos Inspector License
Rank	Asbestos Inspector
Address	CLEAR BROOK, VA 22624
Initial Certification Date	2023-12-19
Expiration Date	2025-12-31

The data located on this website are not the public records of the Department of Professional and Occupational Regulation (DPOR). All public records are physically located at DPOR's Public Records Section: 9960 Mayland Drive, Suite 400, Richmond, VA 23233. While DPOR works to ensure the accuracy of the data provided online, the data available on these pages are updated routinely but may not be up to date at all times (due to document processing delays, technical maintenance, etc.).

DPOR assumes no liability for any errors, omissions, or inaccuracies in the information provided or for any reliance on data provided online. While DPOR has attempted to ensure that the data contained herein are accurate and reflect the status of its regulants, DPOR makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability of this data. If discrepancies or errors are discovered, please inform DPOR so that appropriate action may be taken.

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DPOR License Lookup License Number 3304001722

License Details

Name	TRUAX, ADAM MICHAEL
License Number	3304001722
License Description	Asbestos Management Planner License
Rank	Asbestos Management Planner
Address	RANSON, WV 25438
Initial Certification Date	2023-03-30
Expiration Date	2026-03-31

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Appendix III: Previous Reports

AHERA ASBESTOS-CONTAINING MATERIALS SURVEY



FERDINAND T. DAY ELEMENTARY SCHOOL

1701 NORTH BEAUREGARD STREET
ALEXANDRIA, VIRGINIA 22311

ECS PROJECT NO. 47:11652-E2

FOR: ALEXANDRIA CITY PUBLIC SCHOOLS

MARCH 21, 2022

March 21, 2022

Mr. John Contreras
Alexandria City Public Schools
1340 Braddock Place
Alexandria, Virginia 22314
john.contreras@acps.k12.va.us

ECS Project No. 47:11652-E2

Reference: AHERA Asbestos-Containing Materials Survey, Ferdinand T. Day Elementary School, 1701 North Beauregard Street, Alexandria, Virginia

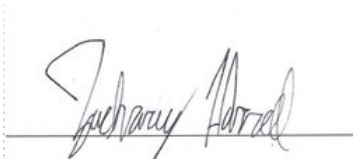
Dear Mr. Contreras:

ECS Mid-Atlantic, LLC (ECS) is pleased to provide Alexandria City Public Schools with the results of the above referenced AHERA Asbestos-Containing Materials Survey performed at Ferdinand T. Day Elementary School located at 1701 North Beauregard Street in Alexandria, Virginia. This report summarizes our observations, analytical results, findings, and recommendations related to the work performed. The work described in this report was performed by ECS in general accordance with the Scope of Services described in ECS Proposal Number 47:16069-EP and the terms and conditions of the agreement authorizing those services.

ECS appreciates this opportunity to provide Alexandria City Public Schools with our services. If we can be of further assistance to you, please do not hesitate to contact us.

Sincerely,

ECS Mid-Atlantic, LLC



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EXECUTIVE SUMMARY

The subject property Ferdinand T. Day Elementary School is a 125,856 square foot, school building reportedly originally constructed in 1998.

The purpose of the survey was to determine if asbestos-containing building materials (ACBMs) present on the subject property. The survey was performed within interior areas of the school building excluding the roofs and exterior materials. This survey is intended to provide a supporting document for an Asbestos Hazard Emergency Response Act (AHERA) management plan.

Based on the laboratory analysis of the bulk samples collected during the survey, none of the sampled materials were reported to contain asbestos.

Based on a review of historical documentation no materials were previously identified as asbestos-containing.

Recommendations regarding the removal and disposal of the ACMs identified by ECS can be found in Section 5.0 of this report. The executive summary is an integral portion of this report, however, ECS recommends the report be read in its entirety.

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1.0 SITE DESCRIPTION

The subject property consists of Ferdinand T. Day Elementary School, a 125,856 square foot, six-story brick school building located at 1701 Beauregard Street in Alexandria, Virginia. The school was originally constructed as an office building in 1998 and has been improved with renovation and additions. Building finishes observed included concrete sub-floors, vinyl floor tiles, carpet, and/or ceramic tiles; the wall systems appeared to generally consist of concrete masonry unit (CMU) block walls, drywall wallboard, and/or ceramic wall tiles; and the ceiling systems appeared to generally consist of suspended drop ceilings with ceiling tiles and some plaster finishes.

2.0 PURPOSE

The purpose of this Asbestos Hazard Emergency Response Act (AHERA) re-inspection asbestos-containing materials survey was to determine if asbestos-containing building materials (ACBMs) are present on the subject property. The survey was performed within interior areas of the subject buildings. Exterior and roofing materials were not included in this survey. This survey is intended to provide a supporting document for an AHERA management plan.

The AHERA requires all public and private schools to survey school buildings and associated support school buildings for ACMs, and to prepare management plans for identified ACMs.

3.0 METHODOLOGY

ECS performed the authorized Scope of Services in general accordance with our proposal, standard industry practice(s) and methods specified by regulation(s) for the identification of Asbestos-Containing Materials (ACMs).

3.1 Asbestos-Containing Materials

The non-destructive asbestos survey was performed by an asbestos inspector who has received EPA accredited training and is licensed by Virginia. Samples of suspect ACMs were collected utilizing hand tools and placed into individual, labeled plastic bags. Unique bulk suspect ACM samples were submitted to Scientific Analytical Institute (SAI) in Greensboro, North Carolina for analysis via Polarized Light Microscopy (PLM) in accordance with current EPA-600 methodology. Materials consisting of additional layers were analyzed separately. Scientific Analytical Institute (SAI) is listed as an accredited laboratory by the National Voluntary Laboratory Accreditation Plan (NVLAP) managed by the National Institute of Standards and Technology (NIST) for bulk sample analysis by currently approved EPA methodology by PLM.

During the survey, ECS attempted to identify suspect ACMs in readily accessible areas. However, due to the destructive means required to identify some materials, certain areas were deemed inaccessible (i.e. behind walls or sub grade materials) and were not surveyed for suspect ACMs. ECS was unable to access occupied classrooms, select inaccessible closets, the kitchen, and roofs. Unidentified suspect ACMs may be located in these and/or other inaccessible areas. It is important to note that due to the COVID-19 pandemic, extra precautions were taken in order to avoid contact with students and staff, increasing the number of areas deemed inaccessible. Unidentified suspect ACMs may be located in these and/or other inaccessible areas.

Samples were collected in general accordance with EPA Standard 40 CFR 763 Subpart E, Asbestos Hazard Emergency Response Act (AHERA) and OSHA Standard 29 CFR 1926.1101 Inspection Protocol. Multiple samples of each unique material were submitted. Samples were analyzed using "Positive Stop" methodology. If one sample of a homogeneous material is reported to contain asbestos, the remaining samples of that material are not analyzed. EPA regulations stipulate that if one sample contains asbestos the entire quantity of that material contains asbestos, regardless of additional analysis.

4.0 RESULTS

The following is a summary of laboratory results, findings and observations.

4.1 Asbestos-Containing Materials

An Asbestos-Containing Material (ACM) is defined as any material containing more than one percent (>1%) asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763, Section 1, PLM. Materials are categorized by the U.S. EPA in the following categories:

- Friable ACMs are defined as any ACM that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure.
- Non-friable ACMs are defined as any ACM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
    - Category I non-friable ACM are listed as following: packings, gaskets, resilient floor coverings, and asphalt roofing products containing more than one percent (>1%) asbestos.
    - Category II non-friable ACM are listed as any material, excluding Category I non-friable ACM, containing more than one percent (>1%) asbestos.

Regulated Asbestos Containing Materials (RACM) are friable ACM or non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading or has crumbled, been pulverized, or reduced to powder in the course of renovation and/or demolition operations.

AHERA requires identified asbestos-containing building materials (ACBMs) to be categorized by a trained AHERA inspector into the following categories:

• (1) Damaged or significantly damaged thermal system insulation ACBM.
• (2) Damaged friable surfacing ACBM.
• (3) Significantly damaged friable surfacing ACBM.
• (4) Damaged or significantly damaged friable miscellaneous ACBM.
• (5) ACBM with potential for damage.
• (6) ACBM with potential for significant damage.
• (7) Any remaining friable ACBM or friable suspected ACBM.

Definitions for the above-referenced categories can be found in the Appendices.

Scientific Analytical Institute (SAI) submitted a signed final laboratory report to ECS on December 2, 2021. None of the bulk samples submitted for analysis were reported to contain asbestos in detectable concentrations. These materials are summarized below. A complete list of the sampled materials submitted for analysis and sample locations are located in the Appendix of this report. Additional details regarding the overall locations of the materials identified as asbestos-containing are provided further in the report. Photographs of collected samples reported as asbestos-containing are also located in the Appendix of this report.

In total, 26 bulk samples from homogeneous areas were submitted to the laboratory of which 36 layers were analyzed.

Summary of Non Asbestos-Containing Materials Identified

Location	Material Description	Analytical Results
Materials Sampled in 2021 AHERA Survey		
Storage near door 8	4" blue cove base with tan mastic	Both NAD
Storage near door 8	Plaster Skim coat	NAD
Near door 8	4" gray cove base with tan mastic	Both NAD
Pump room 154/switch gear room 154	12"x12" light gray with gray streak floor tile with associated yellow mastic	Both NAD
Pump room 154/switch gear room 154	2'x2' Rough finish ceiling tile	NAD
160 Music Room, C205 Extended Learning Area, 117 Work room in main office, & 341 Conference Room	Drywall/ Joint Compound	NAD
Outside 160 Music room	18"x18" Tan and gray cloudy self-stick floor tile and associated mastic	Both NAD
Nurse office 121	18"x18" Dark gray vinyl self-stick floor tile and associated mastic	Both NAD
Gym	White interior window caulk	NAD
3rd Floor Hallway	Gray interior window caulk	NAD
Notes: **NAD = No Asbestos Detected** **Locations reflect the area in which the material was sampled. These materials may be representative of and located in other homogenous areas throughout the school.**		

4.2 Suspect or Assumed Asbestos-Containing Materials

Due to the inaccessibility or the destructive means that asbestos sampling requires, additional suspect ACMs may remain within the building hidden behind inaccessible areas that include, but are not limited to, sub-grade walls, structural members, topping slabs, sub-grade sealants, flooring located below underlayments, areas behind exterior walls, pipe trenches, and subsurface utilities, etc. These areas were deemed inaccessible and were not assessed.

If these materials are discovered during construction activities, they should be presumed to contain asbestos and be treated as ACMs or be sampled immediately upon discovery and prior to disturbance for asbestos content by a certified asbestos inspector in accordance with 29 CFR 1926.1101.

Based upon our past experience in the identification of ACMs in similarly constructed buildings, the following additional suspect ACMs may also be located in inaccessible areas of the structure:

- **Gray Spray on Insulation** present on structural metal throughout the ceiling
- **Elevator Components**
- **Boilers Components** in boilers (gasket, fire brick, etc.)
- **Terrazzo Floors**
- **Vermiculite Filler** associated with Concrete Masonry Unit (Blocks/Walls)
- **Duct Pin Mastic** associated with the HVAC Units
- **Electrical Panels Asbestos Cement Components** in electrical systems
- **Fire Door and associated Casing Insulation** in locations requiring a rated fire door and door casing
- **Mastics or Cement Boards** associated with Baseboard Heaters/Radiator Components/Wall Mounted Fan Coil Units in and/or behind Radiators/Baseboards
- **Mastics** behind/under mirrors
- **Water Fountain Components** in water fountains (mastics, pipe cloth, etc)
- **Waterproofing Membrane/Mastics/Vapor Barriers/Sub-grade Pipe Conduit** within exterior wall cavities, behind interior finishes, exterior veneer and/or subgrade walls

5.0 RECOMMENDATIONS AND REGULATORY REQUIREMENTS

Based on our understanding of the purpose of the AHERA Asbestos-Containing Materials Survey, the results of laboratory analysis, and our findings and observations, ECS presents the following recommendations.

5.1 Asbestos-Containing Materials

None of the bulk samples submitted to Scientific Analytical Institute (SAI) were reported to contain detectable concentrations of asbestos. If additional suspect asbestos-containing materials are uncovered which were not accessible during this sampling event, it is recommended that these materials be sampled or tested immediately upon discovery for asbestos content by an asbestos inspector in accordance with 29 CFR 1926.1101.

Suspect ACMs not observed due to inaccessibility or not sampled due to the destructive means that sampling would require may also be encountered during construction activities. At the time of the survey, only limited destructive means were used to locate or sample suspect ACMs; therefore, additional suspect ACMs may remain within inaccessible areas that include, but are not limited to, sub-grade walls, structural members, topping slabs, exterior areas, sub-grade sealants, flooring located below underlayments, vapor barriers, pipe trenches and other subsurface utilities, etc. If additional suspect ACMs are uncovered which were not accessible during this survey, it is recommended that these materials either be assumed to contain asbestos or be sampled prior to disturbance upon discovery for asbestos content by an asbestos inspector in accordance with 29 CFR 1926.1101.

The results of this survey should be added to the school's management plan.

6.0 LIMITATIONS

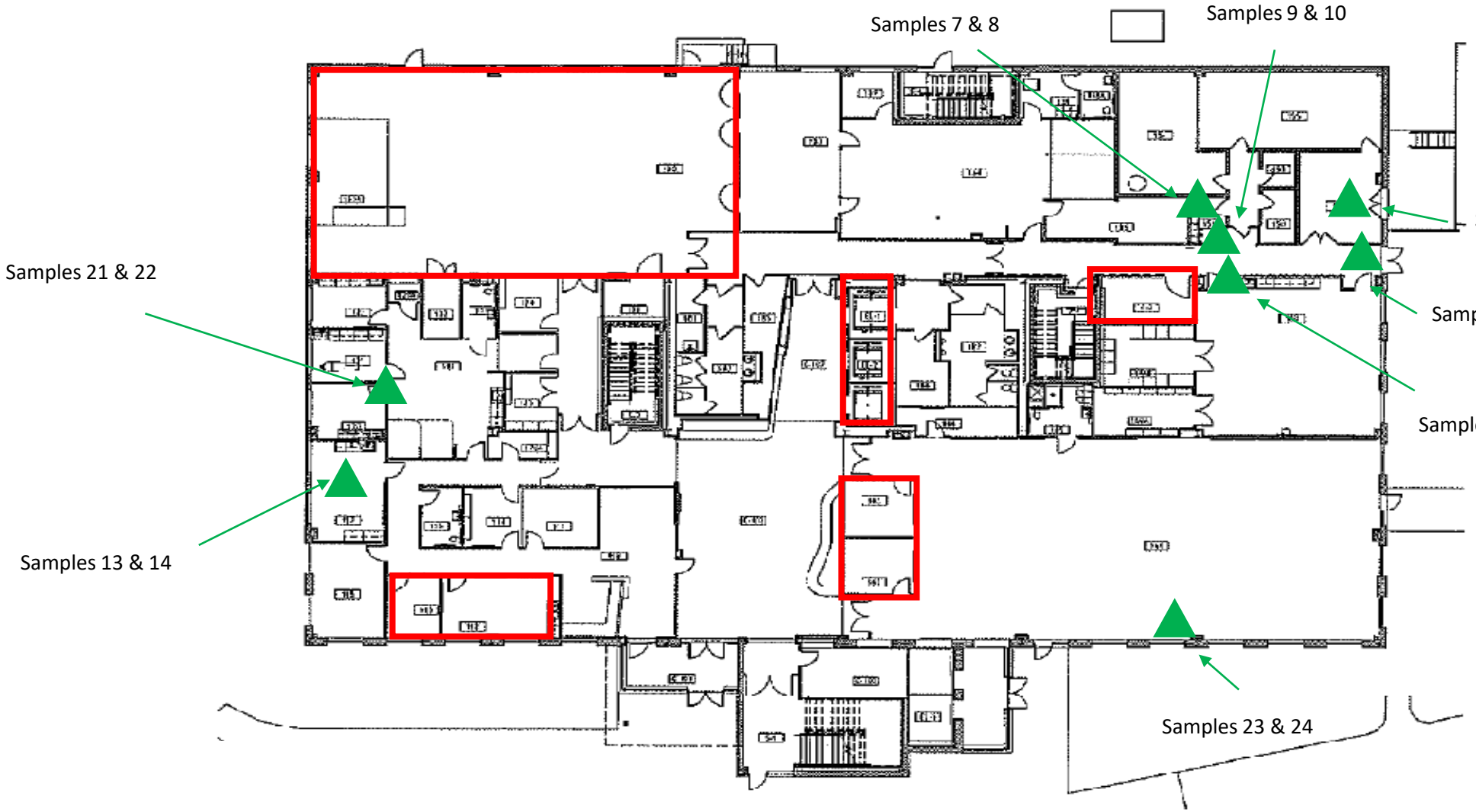
The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

During this study, samples were submitted for analysis at an accredited laboratory via polarized light microscopy. As with any similar survey of this nature, actual conditions exist only at the precise locations from which samples were collected. Certain inferences are based on the results of this sampling and related testing to form a professional opinion of conditions in areas beyond those from which the samples were collected. No warranty, expressed or implied, is made.

The observations, conclusions, and recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS and the client.

Our recommendations are in part based on federal, state, and local regulations and guidelines. ECS does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies, any conditions at the site that may present a potential danger to public health, safety, or the environment. Under this scope of services, ECS assumes no responsibility regarding any response actions initiated as a result of these findings. General compliance with regulations and response actions are the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements.

Appendix I: Figures



Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311

ECSI

Sample Location Sketch First Floor

Scale: NTS

Project No. 47:11652-E2

Site Visit: 11/12/21

Sample 15 & 16



▲ Sample Locations ▭ Inaccessible Areas

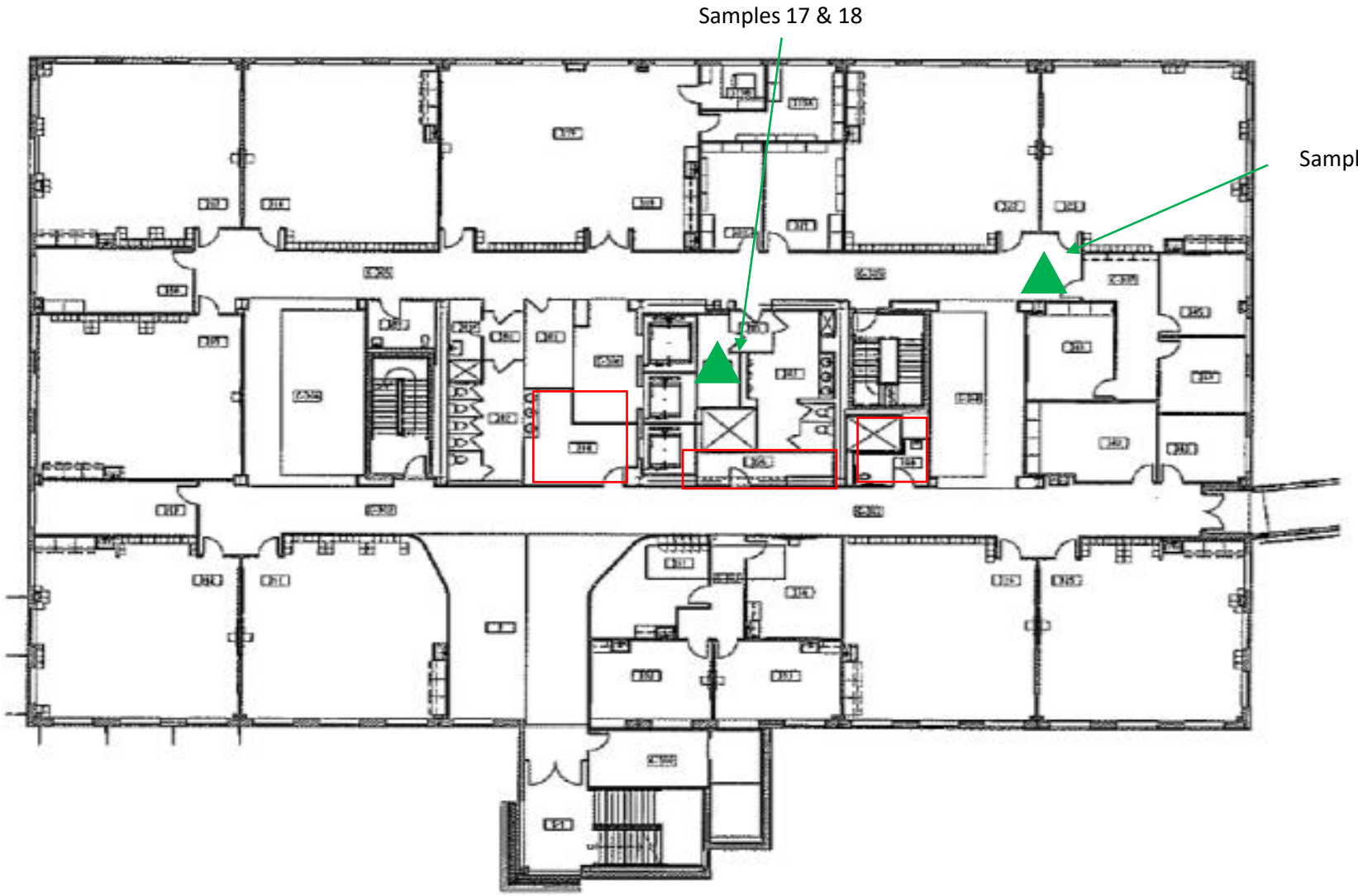
Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311

Sample Location Sketch Second Floor

Scale: NTS

Project No.
47:11652-E2

Site Visit: 11/12/21



Sample Locations

Inaccessible Areas

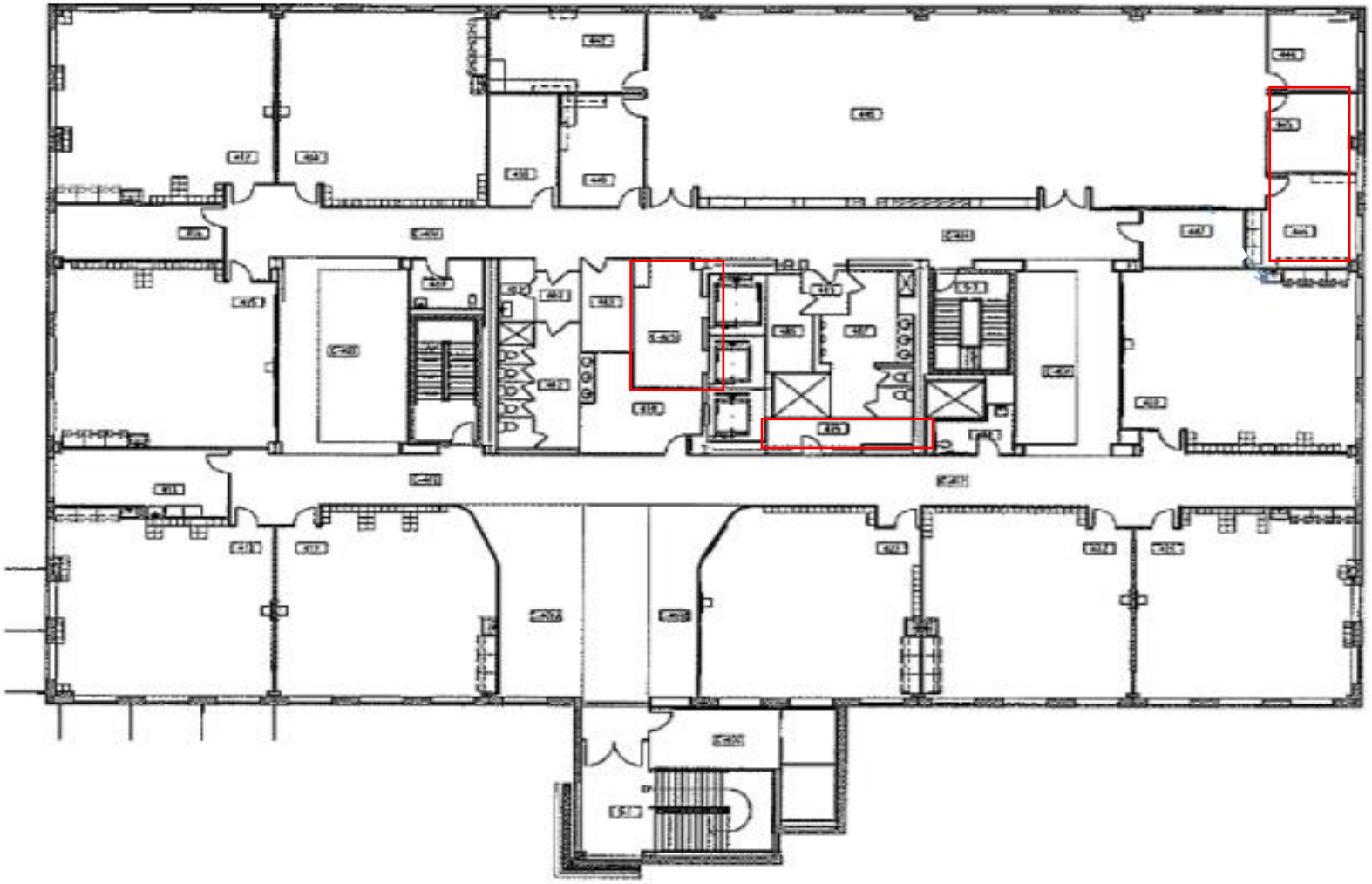
Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311

Sample Location Sketch Third Floor

Scale: NTS

Project No.
47:11652-E2

Site Visit: 11/12/21



▲ Sample Locations

□ Inaccessible Areas

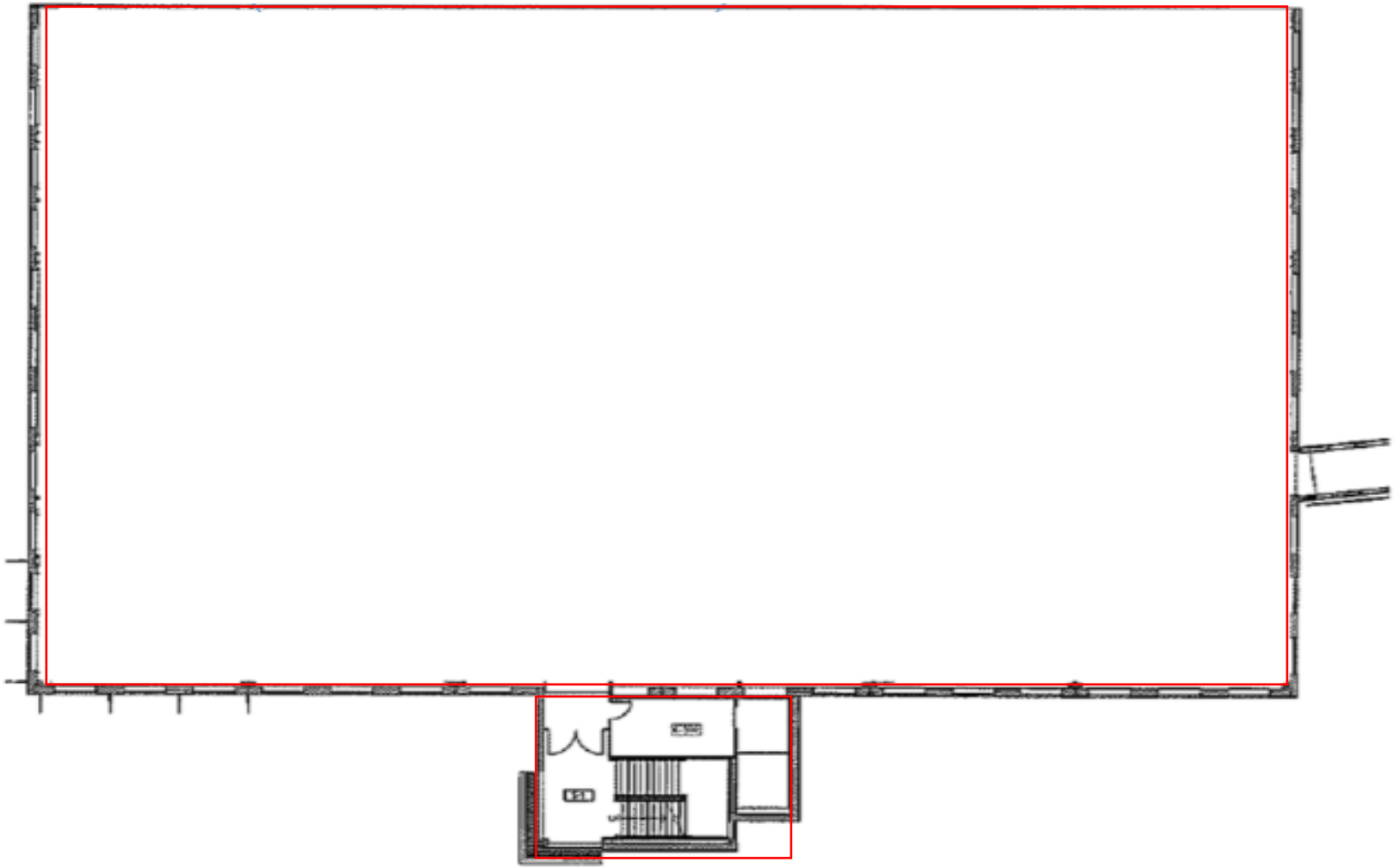
Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311

Sample Location Sketch Fourth Floor

Scale: NTS

Project No. 47:11652-E2

Site Visit: 11/12/21



Sample Locations

Inaccessible Areas

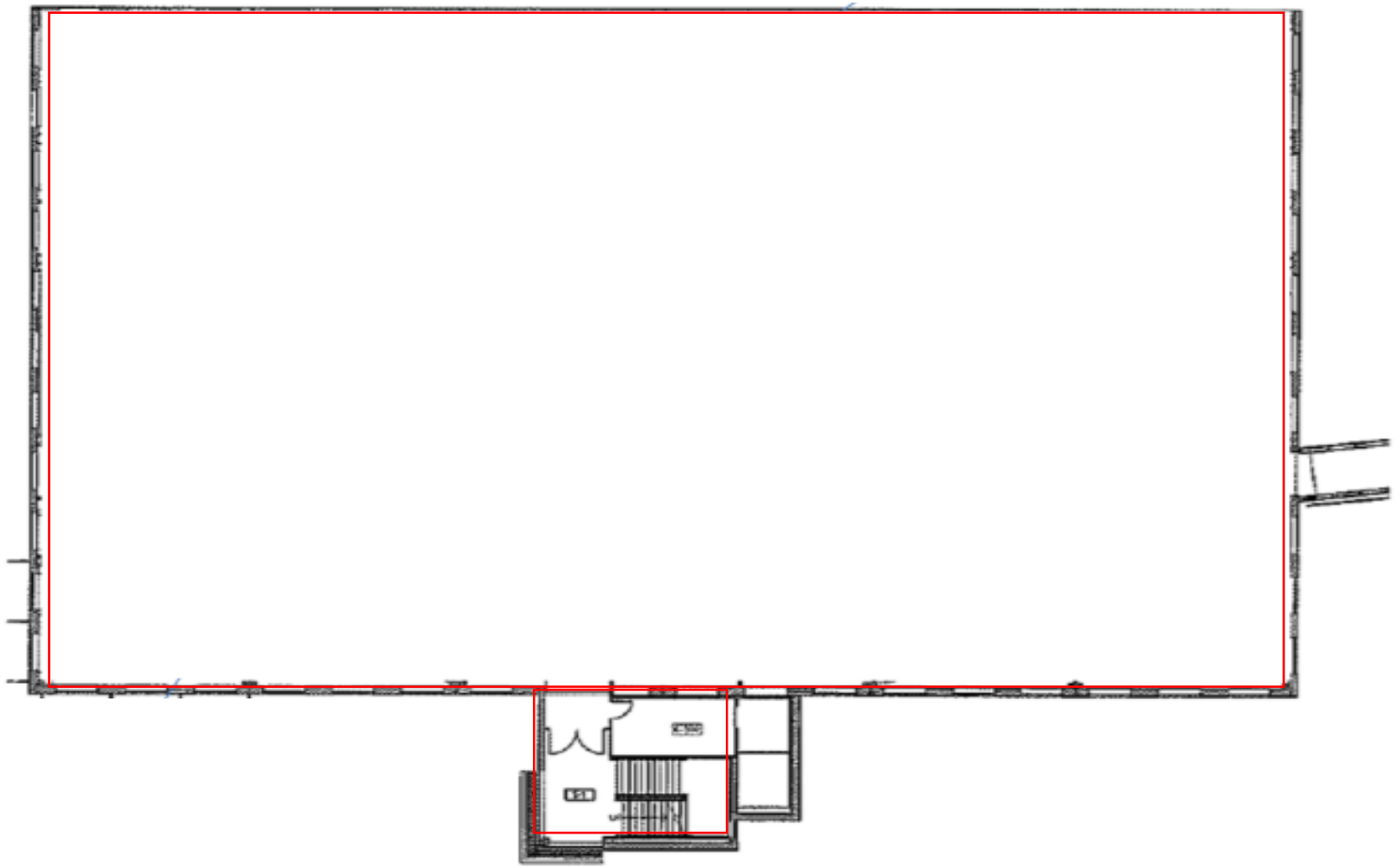
Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311

Sample Location Sketch Fifth Floor

Scale: NTS

Project No.
47:11652-E2

Site Visit: 11/12/21



Sample Locations

Inaccessible Areas

Ferdinand T. Day Elementary School
1701 N. Beauregard Street
Alexandria, VA 22311

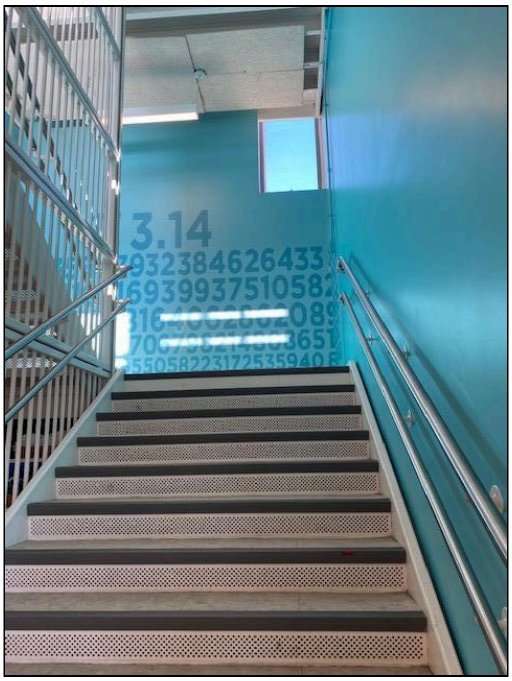
Sample Location Sketch Sixth Floor

Scale: NTS

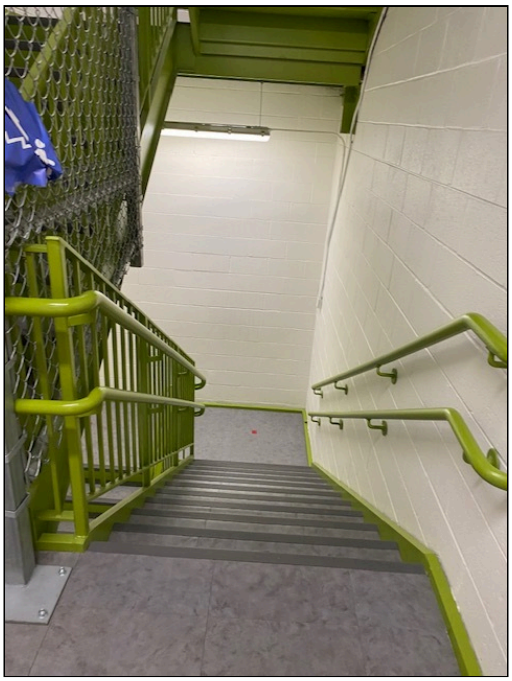
Project No.
47:11652-E2

Site Visit: 11/12/21

Appendix II: Site Photographs



1 - View of stairwell 2



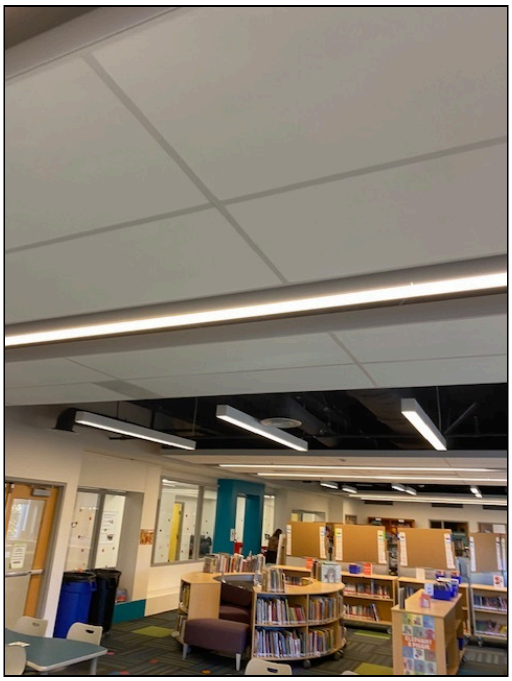
2 - View of stairwell



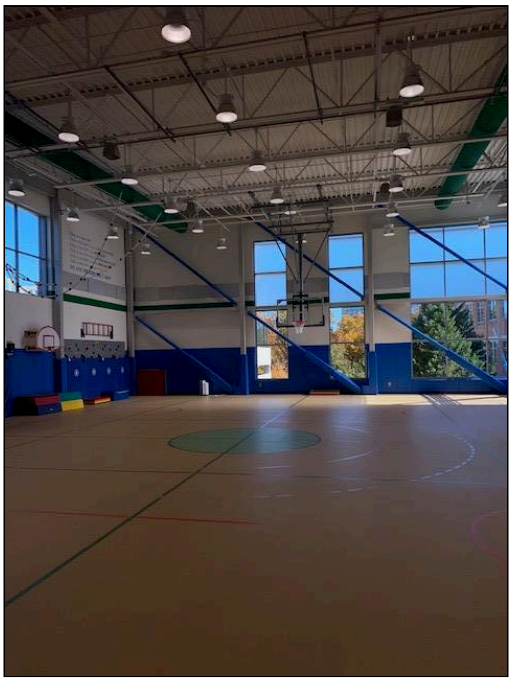
3 - View of main lobby



4 - View of main lobby



5 - View of library



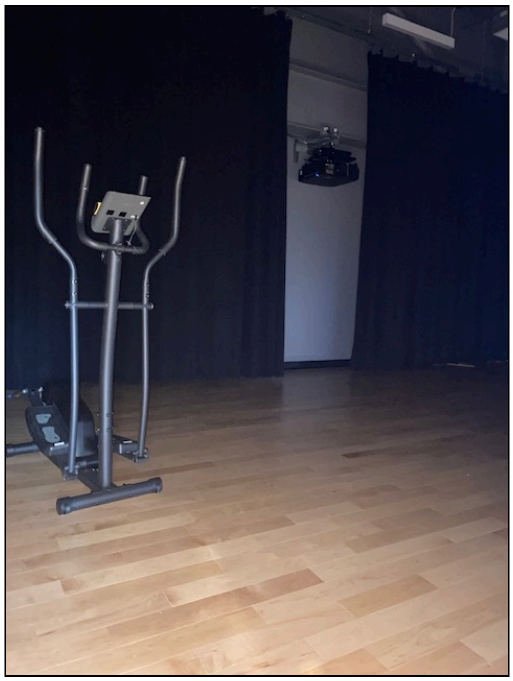
6 - View of gym



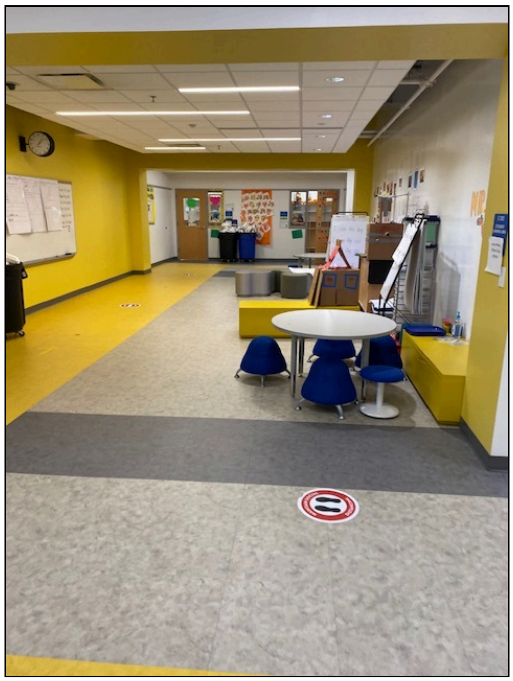
7 - View of extended learning



8 - View of exit door 8 hall



9 - View of stage faux wood flooring



10 - View of 2nd floor extended learning area



11 - View of 4th floor hall



12 - View of Survey Inaccessibility



13 - View of stage curtain tag



14 - View of spray on insulation



15 - View of spray insulation 2



16 - View of media center insulation



17 - View of media center acoustic panels

Appendix III: Asbestos Bulk Sample Results

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING NVLAP LAB CODE 200664-0

AIHA ACCREDITED LABS.ORG Lab ID # 173190

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: 11652-E2/ AHERA ACPS Ferdinand T. Day (11.12.21) Survey

Lab Order ID: 71979756
Analysis ID: 71979756_PLM
Date Received: 11/18/2021
Date Reported: 12/2/2021

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
1 - A	4" blue cove base with tan mastic	None Detected		100% Other	Blue Non Fibrous Homogeneous
71979756PLM_1	*cove base*				Dissolved
1 - B	4" blue cove base with tan mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71979756PLM_27	*mastic*				Dissolved
2 - A	4" blue cove base with tan mastic	None Detected		100% Other	Blue Non Fibrous Homogeneous
71979756PLM_2	*cove base*				Dissolved
2 - B	4" blue cove base with tan mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71979756PLM_28	*mastic*				Dissolved
3	Plaster Skim coat	None Detected		100% Other	White Non Fibrous Homogeneous
71979756PLM_3					Crushed
4	Plaster Skim coat	None Detected		100% Other	White Non Fibrous Homogeneous
71979756PLM_4					Crushed
5 - A	4" gray cove base with tan mastic	None Detected		100% Other	Gray Non Fibrous Homogeneous
71979756PLM_5	*cove base*				Dissolved
5 - B	4" gray cove base with tan mastic	None Detected		100% Other	Tan Non Fibrous Homogeneous
71979756PLM_29	*mastic*				Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (36)

Analyst

Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING NVLAP LAB CODE 200664-0

Lab ID # 173190

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: 11652-E2/ AHERA ACPS Ferdinand T. Day (11.12.21) Survey

Lab Order ID: 71979756
Analysis ID: 71979756_PLM
Date Received: 11/18/2021
Date Reported: 12/2/2021

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
6 - A *71979756PLM_6*	4" gray cove base with tan mastic *cove base*	None Detected		100% Other	Gray Non Fibrous Homogeneous Dissolved
6 - B *71979756PLM_30*	4" gray cove base with tan mastic *mastic*	None Detected		100% Other	Tan Non Fibrous Homogeneous Dissolved
7 - A *71979756PLM_7*	12"x12" light gray with gray streak floor tile with associated yellow mastic *tile*	None Detected		100% Other	Gray Non Fibrous Homogeneous Dissolved
7 - B *71979756PLM_31*	12"x12" light gray with gray streak floor tile with associated yellow mastic *mastic*	None Detected		100% Other	Yellow Non Fibrous Homogeneous Dissolved
8 - A *71979756PLM_8*	12"x12" light gray with gray streak floor tile with associated yellow mastic *tile*	None Detected		100% Other	Gray Non Fibrous Homogeneous Dissolved
8 - B *71979756PLM_32*	12"x12" light gray with gray streak floor tile with associated yellow mastic *mastic*	None Detected		100% Other	Yellow Non Fibrous Homogeneous Dissolved
9 *71979756PLM_9*	2'x2' Rough finish ceiling tile	None Detected	50% Mineral Wool 25% Cellulose	25% Other	White Fibrous Homogeneous Teased
10 *71979756PLM_10*	2'x2' Rough finish ceiling tile	None Detected	50% Mineral Wool 25% Cellulose	25% Other	White Fibrous Homogeneous Teased

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Charmel Dozier (36)

Analyst

Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING NVLAP LAB CODE 200664-0

Lab ID # 173190

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: 11652-E2/ AHERA ACPS Ferdinand T. Day (11.12.21) Survey

Lab Order ID: 71979756
Analysis ID: 71979756_PLM
Date Received: 11/18/2021
Date Reported: 12/2/2021

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
11 *71979756PLM_11*	Drywall/ Joint Compound *drywall with paint only*	**None Detected**	**10% Cellulose**	**90% Other**	White Fibrous Homogeneous Crushed
12 *71979756PLM_12*	Drywall/ Joint Compound *drywall with paint only*	**None Detected**	**10% Cellulose**	**90% Other**	White Fibrous Homogeneous Crushed
13 *71979756PLM_13*	Drywall/ Joint Compound *drywall: none detect; joint compnd: none detect*	**None Detected**	**10% Cellulose**	**90% Other**	White Fibrous Homogeneous Crushed
14 *71979756PLM_14*	Drywall/ Joint Compound *drywall: none detect; joint compnd: none detect*	**None Detected**	**10% Cellulose**	**90% Other**	White Fibrous Homogeneous Crushed
15 *71979756PLM_15*	Drywall/ Joint Compound *joint compound only*	**None Detected**		**100% Other**	White Non Fibrous Homogeneous Crushed
16 *71979756PLM_16*	Drywall/ Joint Compound *joint compound only*	**None Detected**		**100% Other**	White Non Fibrous Homogeneous Crushed
17 *71979756PLM_17*	Drywall/ Joint Compound *drywall: none detect; joint compnd: none detect*	**None Detected**	**10% Cellulose**	**90% Other**	White Fibrous Homogeneous Crushed
18 *71979756PLM_18*	Drywall/ Joint Compound *drywall: none detect; joint compnd: none detect*	**None Detected**	**10% Cellulose**	**90% Other**	White Fibrous Homogeneous Crushed

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Charmel Dozier (36)

Analyst

Approved Signatory

P-F-002 r15 1/16/2021

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING NVLAP LAB CODE 200664-0

AIHA ACCREDITED LABS.ORG Lab ID # 173190

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: 11652-E2/ AHERA ACPS Ferdinand T. Day (11.12.21) Survey

Lab Order ID: 71979756
Analysis ID: 71979756_PLM
Date Received: 11/18/2021
Date Reported: 12/2/2021

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
19 - A	18"x18" Tan and gray cloudy self-stick floor tile and associated mastic	**None Detected**		**100% Other**	Tan Non Fibrous Homogeneous
71979756PLM_19	*tile*				Dissolved
19 - B	18"x18" Tan and gray cloudy self-stick floor tile and associated mastic	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous
71979756PLM_33	*mastic*				Dissolved
20 - A	18"x18" Tan and gray cloudy self-stick floor tile and associated mastic	**None Detected**		**100% Other**	Tan Non Fibrous Homogeneous
71979756PLM_20	*tile*				Dissolved
20 - B	18"x18" Tan and gray cloudy self-stick floor tile and associated mastic	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous
71979756PLM_34	*mastic*				Dissolved
21 - A	18"x18" Dark gray vinyl self-stick floor tile and associated mastic	**None Detected**		**100% Other**	Gray Non Fibrous Homogeneous
71979756PLM_21	*tile*				Dissolved
21 - B	18"x18" Dark gray vinyl self-stick floor tile and associated mastic	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous
71979756PLM_35	*mastic*				Dissolved
22 - A	18"x18" Dark gray vinyl self-stick floor tile and associated mastic	**None Detected**		**100% Other**	Gray Non Fibrous Homogeneous
71979756PLM_22	*tile*				Dissolved
22 - B	18"x18" Dark gray vinyl self-stick floor tile and associated mastic	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous
71979756PLM_36	*mastic*				Dissolved

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Charmel Dozier (36)

Analyst

Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING
NVLAP LAB CODE 200664-0

Lab ID # 173190

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: 11652-E2/ AHERA ACPS Ferdinand T. Day (11.12.21) Survey

Lab Order ID: 71979756
Analysis ID: 71979756_PLM
Date Received: 11/18/2021
Date Reported: 12/2/2021

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
23	White interior window caulk	**None Detected**		**100% Other**	White Non Fibrous Homogeneous
71979756PLM_23					Dissolved
24	White interior window caulk	**None Detected**		**100% Other**	White Non Fibrous Homogeneous
71979756PLM_24					Dissolved
25	Gray interior window caulk	**None Detected**		**100% Other**	Gray Non Fibrous Homogeneous
71979756PLM_25					Dissolved
26	Gray interior window caulk	**None Detected**		**100% Other**	Gray Non Fibrous Homogeneous
71979756PLM_26					Dissolved

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Charmel Dozier (36)

Analyst

Approved Signatory

7197956

Client:	ECS Mid-Atlantic, LLC	***Instructions:***
Contact:	Lauren Kesslak	*Use Column "B" for your contact info*
Address:	14026 Thunderbolt Place, Suite	
Phone:	(703)-471-8400	*To See an Example Click the bottom Example Tab.*
Fax:		
Email:	Lkesslak@ecslimited.com	***Enter samples between "<<" and ">>"***
Project:	11652-E2/ AHERA ACPS Ferdinand	***Begin Samples with a "<< "above the first sample and end with a ">>" below the last sample.***
Client Notes:		*Only Enter your data on the first sheet "Sheet1"*
P.O. #.	11652-E2/ AHERA ACPS Ferdinand	*Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.*
Date Submitted:	11/12/2021 0:00	
Analysis:	PLM EPA 600/R-93/116	
TurnAroundTime:	3-Day	

Scientific Analytical Institute

4604 Dundas Drive
Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Data 1	Sample Description	Data 2
<<			
1		4" blue cove base with tan mastic	Storage near door 8
2		4" blue cove base with tan mastic	Storage near door 8
3		Plaster Skim coat	Storage near door 8
4		Plaster Skim coat	Storage near door 8
5		4" gray cove base with tan mastic	Near door 8
6		4" gray cove base with tan mastic	Near door 8
7		12"x12" light gray with gray streak floor tile with associated yellow mastic	Pump room 154/switch gear room 154
8		12"x12" light gray with gray streak floor tile with associated yellow mastic	Pump room 154/switch gear room 154
9		2'x2' Rough finish ceiling tile	Pump room 154/switch gear room 154
10		2'x2' Rough finish ceiling tile	Pump room 154/switch gear room 154
11		Drywall/ Joint Compound	160 Music Room
12		Drywall/ Joint Compound	160 Music Room
13		Drywall/ Joint Compound	117 Work room in main office
14		Drywall/ Joint Compound	117 Work room in main office
15		Drywall/ Joint Compound	C205 Extended Learning Area
16		Drywall/ Joint Compound	C205 Extended Learning Area
17		Drywall/ Joint Compound	341 Conference Room
18		Drywall/ Joint Compound	341 Conference Room
19		18"x18" Tan and gray cloudy self-stick floor tile and associated mastic	Outside 160 Music room
20		18"x18" Tan and gray cloudy self-stick floor tile and associated mastic	Outside 160 Music room
21		18"x18" Dark gray vinyl self-stick floor tile and associated mastic	Nurse office 121
22		18"x18" Dark gray vinyl self-stick floor tile and associated mastic	Nurse office 121
23		White interior window caulk	Gym
24		White interior window caulk	Gym
25		Gray interior window caulk	3rd Floor Hallway
26		Gray interior window caulk	3rd Floor Hallway
<<			

B Shelley 11/18 11Am

Accepted ☒

Returned ☐

Relinquished By

Received By

Appendix IV: Certifications/ Licenses

Certificate of Completion

Zachary Harrell

Asbestos Inspector Initial

EPA Approved Under TSCA Title II

September 21-23, 2021	September 23, 2021	**ECS 21 1118**
Course Dates	Examination Date	Certificate Number

14026 Thunderbolt Place Chantilly, Virginia 20151	September 23, 2022
Course Location	Expiration Date

Christopher J. Chapman
Training Manager

Robert Rhett
Instructor

ECS Mid-Atlantic, LLC
14026 Thunderbolt Place, Chantilly, Virginia
(703) 471-8400

DPOR License Lookup License Number 3303004832

License Details

Name	HARRELL, ZACHARY DAVID
License Number	3303004832
License Description	Asbestos Inspector License
Rank	Asbestos Inspector
Address	ARLINGTON, VA 22207
Initial Certification Date	2021-12-29
Expiration Date	2022-12-31

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DPOR License Lookup build 1,452 (built 2021-09-14 01:36:33).

Appendix V: AHERA ACBM and Suspect ACBM Categories Document

AHERA ACBM and Suspect ACBM Categories

(1) Damaged or significantly damaged thermal system insulation ACM:

- (1) Means thermal system insulation ACM on pipes, boilers, tanks, ducts, and other thermal system insulation equipment where the insulation has lost its structural integrity, or its covering, in whole or in part, is crushed, water stained, gouged, punctured, missing, or not intact such that it is not able to contain fibers. Damage may be further illustrated by occasional punctures, gouges or other signs of physical injury to ACM; occasional water damage on the protective coverings/jackets; or exposed ACM ends or joints. Asbestos debris originating from the ACBM in question may also indicate damage.

(2) Damaged friable surfacing ACM:

- (2) Means friable surfacing ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or which has delaminated such that its bond to the substrate (adhesion) is inadequate, or which, for any other reason, lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation of ACM from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM. Asbestos debris originating from the ACBM in question may also indicate damage.

(3) Significantly damaged friable surfacing ACM:

- (3) Means damaged friable surfacing ACM in a functional space where the damage is extensive and severe.

(4) Damaged or significantly damaged friable miscellaneous ACM:

- (4) Means friable miscellaneous ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or, if applicable, which has delaminated such that its bond to the substrate (adhesion) is inadequate or which for any other reason lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation of ACM from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM. Asbestos debris originating from the ACBM in question may also indicate damage.

(5) ACBM with potential for damage:

- (5) Means circumstances in which:

    - (1) Friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities.

- (2) There are indications that there is a reasonable likelihood that the material or its covering will become damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.

(6) ACBM with potential for significant damage:

- (6) Means circumstances in which:

  - (1) Friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities.

  - (2) There are indications that there is a reasonable likelihood that the material or its covering will become significantly damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.

  - (3) The material is subject to major or continuing disturbance, due to factors including, but not limited to, accessibility or, under certain circumstances, vibration or air erosion.

(7) Any remaining friable ACBM or friable suspected ACBM:

- (1) Means any remaining friable ACBM or friable Suspected ACBM in a building.