

City of Lynchburg
Procurement Division
900 Church Street
Lynchburg, Virginia 24504
Telephone No.: (434) 455-3970
Fax No.: (434) 845-0711

**Addendum for Invitation for Bids
LCS Fort Hill School Window Replacement
2016-044**

Date: 02/09/2016
From: Lisa Moss, Buyer VCA
RE: Addendum No. 1

This Addendum supplements and amends the original Plans and Specifications and shall be taken into account in preparing proposals and shall become a part of the Contract Documents. The Bidder shall indicate receipt of this Addendum and all previously issued Addenda on the Bid Form.

Attached is the addendum as prepared by Dominion Seven Architects.

Company Name: _____ Address: _____ Date: _____

Authorized Signature: _____ Title: _____

Print Name: _____ Telephone No.: _____ Fax No.: _____

ADDENDUM #1

Name of Project	Lynchburg City Schools – Fort Hill School Window Replacement
Location	Lynchburg, VA
Project No.	3530
Date	February 9, 2016

The following items represent changes, modifications and/or clarifications to the Contract Documents for this project. This Addendum shall become a part of the Contract Documents, and all Bidders shall acknowledge its inclusion in their bid.

This Addendum consists of the following:

- 1 typed page
- 21 Asbestos Abatement Plan

GENERAL CLARIFICATION:

1. The values listed in the aluminum window specification for Thermal Transmittance and Solar Heat-Gain Coefficient are actual values tested with the West Commercial Window and the Cardinal Glass LoE² – 270.
2. Obscure Glazing pattern is number 62.

CHANGES TO SPECIFICATIONS:

INSERT Asbestos Abatement Specification (21 pages) included as part of this Addendum.

Section 085113 – Aluminum Windows:

Page 4, Paragraph 2.3.C, subparagraph 1.a, CHANGE location of Glazing Type GL-2 (obscure glazing) to be located at locations defined on Elevation Drawings, Sheet A4.1.

Page 5, Paragraph 2.3.F. DELETE this paragraph in its entirety and REPLACE with the following:

- F. Projected Window Hardware:
 1. Friction hinges, concealed between sash and frame.
 2. Hopper hinges shall be of sash balancing design with friction screw adjustment for fine tuning of window sash operation.
 3. Lock handles and housing are high pressure die cast zinc with adjustable stainless steel keeper.

Page 5, Paragraph 2.3.G. DELETE this paragraph in its ENTIRETY.

CHANGES TO DRAWINGS:

Sheet A4.1 – Elevations:

Refer to Section 6, Section at Stud Wall. CHANGE all interior trim to be new provided and installed by the Contractor. New wood trim to match existing in size and profile. New wood trim to be primed and painted with two finish coats.

END OF ADDENDUM #1



HURT & PROFFITT
INCORPORATED

Lynchburg City Schools

**Fort Hill School
1350 Liggates Road
Lynchburg, Virginia 24502**

Asbestos Abatement Specification and Design

Prepared For:

**Mr. Richard Thompson
Lynchburg City Schools
Lynchburg, Virginia**

February 9, 2016

H&P Project No.: 20160133

**Walter C. Nixon
Project Designer
DPOR License # 3305 001148
Expiration Date: 03/31/2016**

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Fort Hill School Window Replacement Project Asbestos Abatement and Disposal

PART I – GENERAL

1.1 Scope of Work

A. This asbestos abatement project will be conducted prior to the replace of approximately all window units from the Fort Hill School (FHS). The asbestos abatement procedures will consist of the removal and disposal of asbestos-containing materials (ACM) associated with each window unit found throughout and around the extent of the entire school building. The asbestos-containing building components to be removed consist of the following:

- Friable Asbestos-Containing Window Glaze
(1,000 +/- Linear Feet);
- Cat. I Non-Friable Asbestos-Containing Window Caulk
(1,500 +/- Linear Feet)

NOTE:

All quantities and locations of asbestos-containing materials associated with the windows must be field verified by the abatement contractor prior to bid. All ACM and/or suspect ACM found prior to and/or discovered during the removal process must be removed as required in this Specification for Abatement. All work practices conducted on-site shall be in strict compliance with this project design specification, state, federal, and local regulations. When conflicts occur between the project design documents and applicable state, federal, and/or local regulations, the most stringent course of action shall apply.

- B. Wet methods shall be utilized to minimize airborne fiber concentrations.
- C. The contractor shall conduct all work in accordance with state, federal, and local regulations. Additionally, the contractor shall comply with the design plans and specifications in this document.
- D. The contractor shall supply an adequate number of asbestos abatement workers on-site on a daily basis. This is to ensure the timely completion of this phase of the project. Subcontractors may not be utilized on this project without the written consent of the Lynchburg City Schools or their designee.

- E. The contractor accepts that multiple means of clearance criteria may be utilized for final clearance criteria. Visual inspections, PCM air testing, and AHERA TEM air sampling will be utilized on this project. The contractor understands that their base bid is to include all necessary labor, equipment, etc. to successfully abate and clean each work area for re-occupancy by other trades.
- F. The Contractor shall protect any ancillary proximate areas where abatement related activities shall be performed (this also includes damage that may be incurred in the building). **Any damage incurred by the Contractor or by abatement related activities, shall result in the Contractor being held liable for all costs related to the restoration of damaged areas to their original condition. There shall be no costs incurred by Lynchburg City Schools for any restoration efforts other than the windows to be replaced as part of the over all project scope.**

1.2 Contractor Responsibilities

The selected asbestos abatement contractor shall be responsible for:

- A. Performing work in accordance with applicable federal, state, and local regulations pertaining to asbestos abatement work. These regulations include, but are not limited to, the laws of Virginia, the United States Environmental Protection Agency (US EPA) Asbestos Hazard Emergency Response Act (AHERA), the Occupational Safety and Health Administration (OSHA), and local regulations.
- B. Providing all labor, equipment, materials, and supervision to complete the project in a professional, safe, and timely fashion.
- C. Providing supervisors and workers who are competent, trained, and medically fit to conduct asbestos abatement work.
- D. Completing the project as specified in these design plans & specifications. The contractor accepts that the areas will not be considered successfully abated, until final visual inspections proves that the work area(s) are considered safe for re-occupancy by other trades.
- E. Packaging, transporting, and disposing of all asbestos and asbestos contaminated materials, within all applicable State, Federal, and Local regulations.

- F. Ensuring building security during the course of the asbestos window removal, so that unauthorized personnel may not enter designated work areas and subsequently the building.
- G. Providing emergency plans and emergency telephone numbers to Lynchburg City Schools and on-site abatement personnel.
- H. Obeying the owner's policies and procedures pertaining to work on-site.
- I. Complying with the contractual requirements set forth by Lynchburg City Schools and this specification.
- J. Notifying both the Virginia Department of Labor & Industry and the US Environmental Protection Agency of the planned start date(s) of abatement activities and all subsequent changes in schedule as required by both the Virginia Administrative Code (VAC) and The Asbestos Hazard Emergency Response Act (AHERA) for friable removal of asbestos-containing building materials; including the payment of applicable notification fees.
- K. Ensuring compliance with OSHA regulations pertaining to worker safety and health, including worker protection to heat stress.

1.3 Personal Protective Equipment

- A. The Contractor (Employer) shall be responsible for providing their personnel with adequate personal protective equipment (PPE) to perform the work on this project, as per federal and state regulations.
- B. The Contractor (Employer) will be responsible for collecting OSHA personal asbestos air samples for their workers on this project. Representative samples shall be taken daily on $\frac{1}{4}$ of the workforce and sample results shall be posted in the personal decontamination unit within 48 hours of collection. The contractor is responsible for providing their employees with adequate respiratory protection based upon the sample results received. Both eight (8) hour full day monitoring as well as short term thirty (30) minute excursion monitoring shall be performed each day asbestos removal activities are being performed.
- C. "Street" clothing is not permitted in the work area(s) at any time.
- D. With the use of amended water during asbestos abatement project, "flooring" will become slippery. The Contractor shall provide their workers with non-skid footwear on this project.

- E. The Contractor is responsible for providing the building owner's authorized representatives, the environmental consultant, and state and/or federal inspectors with personal protective equipment. This may include some or all of the following: protective clothing, respirators, HEPA cartridges, hardhats, gloves, eye protection, and rubber disposable boots.

1.4 Project Monitoring & Air Sampling

- A. The Contractor **shall not** include the costs of asbestos abatement project monitoring and final clearance air sampling in their bid. Lynchburg City Schools will hire a third party asbestos project monitoring firm licensed by the Virginia DPOR, as required by the USEPA AHERA regulations.

PART II – SUBMITTALS

2.1 Pre-Abatement Submittals

Upon being selected by the City of Lynchburg to perform asbestos abatement activities, the Contractor will be responsible for the following submissions (3 copies of each) within 48 hours:

- A. Copies of both Virginia Department of Labor and Industry (VA DOLI) USEPA Notifications to conduct asbestos work at Fort Hill School, address: 1350 Liggates Road, Lynchburg, Virginia 24502.
- B. Copies of Virginia Waste Transporter Permits and the location of the landfill where the asbestos waste will be transported to.
- C. Copy of the waste manifest to be used on this project.
- D. Copy of a local wastewater discharge permit. If no permit is to be used, a statement indicating how wastewater will be disposed of on this project will be required.
- E. Material Safety Data Sheets (MSDS) for all chemicals and/or solvents to be utilized on-site.
- F. Manufacturers certifications for all equipment to be used on the project, ie: HEPA filtration units and/or HEPA vacuums.
- G. Copy of the company's Hazard Communication Program, Medical Surveillance Program and Respiratory Protection Program, and Site Emergency Response Plan.

- H. Copy of notification letters to the local fire and rescue squads, that asbestos abatement work will be conducted at the site.
 - I. Copies of the emergency phone numbers that will be posted on the personal decontamination unit.
 - J. Copies of the following workers certifications;
 - 1. Virginia DPOR licenses for all personnel.
 - 2. Certificates of training for all personnel.
 - 3. Medical Evaluations Forms to show suitability to wear respiratory protection for all personnel.
 - 4. Fit Test Forms to show respirator suitability.
 - K. Proposed Supervisor on the project, including a list of at least five (5) other projects that the Supervisor has worked on in similar scope.
- 2.2 Asbestos Abatement Submittals

The Contractor shall be responsible for providing the Lynchburg City School System and their environmental consultant with the following submittals;

- A. Copies of OSHA personal air samples. Note – Lynchburg City Schools and their environmental consultant are not responsible for the interpretation of these results, the intent is to prove that the abatement contractor is taking these required samples only.
- B. A daily list of the personnel on-site accompanied with their Virginia DPOR Licenses.
- C. The supervisor's daily log book that documents the checking of critical barriers and the cleaning of the decontamination unit(s) at the beginning and end of each shift, as required by 29 CFR 1926.1101.
- D. An account of any asbestos handling air samples that were greater than 0.01 f/cc according to phase contrast microscopy (PCM) and the measures taken to clean the proximate area (if necessary).

2.3 Post Abatement Submittals

- A. Copies of waste manifests and/or bill of lading for every waste shipment from the site project.
- B. Any other submittal that the Lynchburg City School System and/or their environmental consultant requests.

2.4 Close-Out Documentation

- A. The Lynchburg City School System will be responsible for ensuring that the contractor has met all the contractual obligations to close-out this project.

PART III - PRODUCTS

3.1 Equipment

The contractor shall be responsible for the following:

- A. Providing all equipment necessary to complete the project.
- B. Providing only safe and reliable equipment to the work site.
- C. Providing personal protective equipment to all persons working on-site.
- D. Providing air filtration devices and vacuums that are HEPA exhausted.
- E. Utilizing barrier tape and danger signs to keep unauthorized personnel away from the work area. The perimeter of the work area at ground level, the decontamination units, and waste dumpster shall all be properly demarcated utilizing barrier tape and signage. Danger signs shall contain the following language as required by EPA AHERA and OSHA: (See note on Asbestos Abatement Design Drawing)

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

- F. Utilizing amended water to minimize airborne dust concentrations in the work area.
- G. Utilizing 6 mil polyethylene sheeting for the construction of

asbestos work areas, 6 mil polyethylene sheeting for decontamination units, and the lining of waste trailers.

- H. Utilizing 6 mil polyethylene bags for the disposal of all waste.
- I. Utilizing duct tape (or approved equivalent) to seal polyethylene sheetings and bags.
- J. Utilizing safe electrical power cords throughout the site.
- K. Utilizing Ground Fault Interrupters (GFI's) or Ground Fault Circuit Interrupters (GFCI's) on all power sources.
- L. Any power tools utilized shall be properly HEPA exhausted, as required by 29 CFR 1926.1101.

3.2 Miscellaneous Products

- A. Any miscellaneous products not covered in Subpart 3.1 of this section, must have the approval of the Lynchburg City School System and/or their designated representative in writing, prior to use on-site.
- B. Any miscellaneous products approved of and brought to site, must be accompanied by manufacturer's product information and/or MSDS's. This information must be submitted to the Lynchburg City School System and/or their environmental representative.

PART IV – EXECUTION

4.1 Decontamination Enclosures

- A. A decontamination enclosure, which meets the requirements of 29 CFR 1926.1101, shall be constructed and deemed adequate by the onsite Project Monitor, **prior to the commencement of any work area preparation, see Drawing H&P Appendix B for recommended Decontamination Unit locations.**
- B. The personal decontamination unit shall be equipped with one shower per 6 full shift abatement workers.
- C. All decontamination units shall;
 - 1. Meet all requirements of CFR 1926.1101.

2. Be cleaned at the beginning, during, and end of each work shift.
Dirt and/or debris in the decontamination unit shall not be permitted.
3. Collect and filter wastewater in accordance with Department of Environmental Quality and US EPA requirements.

4.2 Utilities

- A. The Lynchburg City School System shall be responsible for providing electrical power to the Contractor on this project.
- B. The Contractor shall be responsible for coordinating the shutdown of electrical power in the work areas, ie: Lock Out / Tag Out. In the event that the power may not be turned off, all power sources shall be wrapped in three individual layers of fire retardant 6 mil polyethylene sheeting and labeled "DANGER, LIVE ELECTRIC".
- C. The Lynchburg City School System shall be responsible for providing the Contractor with a water supply on this project.
- D. If the power and water is provided by the Building Owner, the Contractor shall be responsible for the maintenance of all electrical cords and water hoses, and keeping them in a secure location to prevent unnecessary tripping hazards.

4.3 Heating, Ventilation, and Air Conditioning Systems (HVAC)

- A. The Contractor shall be responsible for coordinating any HVAC shutdown and isolation with Lynchburg City School System personnel..

4.4 Critical Barriers

- A. Upon completion of the pre-cleaning, the Contractor shall be responsible for the construction of critical barriers that conform to CFR 1926.1101 on the interior of each window unit.
- B. Two layers of 6 mil polyethylene sheeting shall be utilized to cover and/or seal the interior of each window unit, doors, openings, drains, ducts, corridors, etc. to isolate the work area(s) from interior areas of the building. Asbestos danger tape shall be hung and maintained throughout the window removal procedures for each work area at a minimum of 15 feet from either side of each window unit and at a minimum of 15 feet from the building. A disposal drop cloth will be required to be taped to the exterior wall below each window unit and maintained throughout the window removal process.

- C. The contractor shall be responsible for the;
 - a. Monitoring of critical barriers during the abatement process to ensure that the critical barriers remain in place.
 - b. Maintaining the Asbestos Danger tape during the abatement process to ensure the work areas are intact until final visual clearance is complete for each work area on the exterior of the building.

4.5 General Asbestos Handling & Cleaning Requirements

- A. Asbestos shall be abated utilizing wet methods only. If possible it is required that each window unit be removed intact and wrapped in two (2) layers of polyethylene sheeting.
- B. Dry removal, sweeping, wire brushing, removal methods utilizing pressurized water or air, or other inappropriate asbestos abatement techniques will not be permitted.
- C. Loose waste shall be immediately bagged and be transported to the waste decontamination enclosure. The waste bag shall then be cleaned in the waste decontamination enclosure, double bagged, labeled with a generator label, and transported to the waste dumpster, trailer, etc.
- D. The contractor shall not allow asbestos debris and/or waste to accumulate inside the work area(s). Visible dust and debris shall be wet wiped and HEPA vacuumed during abatement activities to minimize fiber release.
- E. Waste bag transfer shall take place inside a cart that has been lined with two layers of 6 mil polyethylene. This cart shall be covered by polyethylene during any waste transfer activities and be labeled with an approved asbestos danger sign.
- F. Workers will not be required to wear PPE during work area preparation unless asbestos abatement work is being performed on another part of the same project. PPE will be required during asbestos abatement activities, cleaning, and during any other work area activities until final air clearance criteria has been achieved.

4.6 Asbestos Waste Disposal

- A. The contractor shall ensure that all asbestos-containing waste is deemed “adequately wet”, in accordance with EPA definition prior to being wrapped and/or bagged for disposal.
- B. Bags, drums, or other acceptable packaging materials used for the transport of asbestos-containing waste shall be labeled as asbestos-containing and have affixed upon it a waste generator tag/label.
- C. Two 6 mil polyethylene bags or sheetings shall be utilized for the disposal of all asbestos-containing wastes generated as part of the asbestos abatement project.
- D. Loose waste shall be single-bagged in the work area(s). The waste bags shall be transported to the waste decontamination unit where it shall be cleaned, double bagged, labeled, and immediately transported to the waste dumpster, trailer, or vehicle for disposal. All polyethylene sheeting utilized throughout each abatement work area as part of the window removal process is considered loose asbestos-containing waste. Removal of the interior polyethylene window critical barriers will not be allowed until visual clearances and interior TEM air clearances have proven that the work area(s) are free to be re-occupied by other trades.
- E. A daily count of waste bags and/or wrapped window units shall be calculated by the Asbestos Abatement Supervisor. This count shall be given daily to the onsite Project Monitor.
- F. All wastes shall be sent to an approved and licensed landfill that accepts friable asbestos-containing wastes. Waste manifests shall accompany all waste that leaves site. Copies of the waste manifests shall be submitted to the Lynchburg City School System within 72 Hours of leaving site, illustrating delivery to the waste facility/landfill.
- G. Waste vehicles used for the transport of asbestos shall bear all appropriate licenses, labels and/or placards in accordance with US DOT requirements. Waste vehicle drivers must have at a minimum 2 hour OSHA asbestos-awareness training prior to transporting asbestos waste from the site.

4.7 Inspections

- A. The Contractor shall not interfere, impede, or delay any inspections by The Lynchburg City School System's designated representative(s), the Project Monitor, and/or State, Federal, or Local Inspectors.
- B. The Contractor shall request inspections at the following intervals;
 - 1. Upon completion of the decontamination unit(s).
 - 2. Upon completion of the preparation of the work area(s), prior to window removal / abatement start.
 - 3. Upon completion of the removal of asbestos-containing window components, ie: window unit and associated caulks and potential debris.
 - 4. Upon completion of asbestos abatement work area teardown activities.

4.8 Project Monitoring and Air Sampling

- A. The Contractor shall not include the costs of project monitoring and/or air sampling in their bid, for environmental and/or clearance assessment.
- B. The Lynchburg City School System will be responsible for the selection and payment of the third party onsite Project Monitoring / Air Sampling firm.
- C. The onsite Project Monitor / Air Sampling Technician will be responsible for the following;
 - 1. Visual inspections of work area preparation completion, asbestos abatement completion and cleanliness in accordance with ASTM E11368-05 *Standard Practice for Visual Inspection of Asbestos Abatement*.
 - 2. Conducting daily work-in-progress (WIP) environmental air sampling during the asbestos abatement process to ensure asbestos fibers are not entering the school building or leaving the designated work area(s).
 - 3. Providing daily contractor oversight to ensure contractor compliance with the laws & regulations governing asbestos abatement procedures in Virginia, in accordance with this specification and the AHERA regulations.

4. Collecting PCM and TEM air samples inside the building or in each work area at the completion of window unit removal activities utilizing aggressive air sampling techniques in accordance with the US EPA AHERA regulations and NIOSH 7400 methodologies. The final clearance air sample event(s) will be utilized to ensure asbestos abatement activities are complete following the visual inspection(s).
- D. The Contractor accepts the fact the Project Monitor has been retained by the Lynchburg City School System to oversee the asbestos abatement project. The Lynchburg City School System has authorized the Project Monitor to stop the Contractor's work, if in their judgment, there is a risk to the health & safety of building occupants, abatement works and/or the environment due to the Contractor's actions and/or the Contractor is not following the contractual design specifications and all applicable laws. Work shall only be permitted to commence if allowed by the Lynchburg City School System or their environmental consultant and corrective actions have taken place. The Contractor acknowledges that it is their responsibility to follow all applicable laws pertaining to asbestos abatement and the job specifications, and failure to do so may result in lost time and/or dismissal from site at no cost to Lynchburg City School System or their environmental consultant. The Contractor shall not be compensated for any lost time, labor, materials, etc., due to inappropriate actions.

END OF SECTION



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INCORPORATED

Appendix A

Certificate of Completion

Awarded to

Walter C. Nixon

Driver's License#

Certificate No. HP0001

attended and successfully passed an examination for the course entitled

8-Hour Asbestos Project Designer Refresher Training Course

(The person receiving this certificate has received the requisite training for asbestos accreditation under ISCA Title II)

Location of Course & Examination

Hurt & Proffitt, Inc.

2524 Langhorne Road

Lynchburg, VA 24501

Date of Course & Examination:

March 24, 2015

Certification Expiration Date:

March 24, 2016

Provided By:

Hurt & Proffitt, Inc.

2524 Langhorne Road

Lynchburg, VA 24501

Ph: (434) 847-7796

Fax : (434) 847-0047

Walter C. Nixon

Walter C. Nixon

Director of Training Services

Melissa S. Hart

Melissa S. Hart

Course Instructor

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
03-31-2016

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
3305001148

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS PROJECT DESIGNER LICENSE

WALTER CHRISTOPHER NIXON
175 SAGE LN
MADISON HEIGHTS, VA 24572-0000



Jay W. DeBoer
Jay W. DeBoer, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)



HURT & PROFFITT
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Appendix B



**LYNCHBURG
CITY
SCHOOLS
FORT HILL
SCHOOL
WINDOW
REPLACEMENT**

Hurt & Proffitt, Inc
MATERIAL INCLUDED HEREIN IS COVERED BY
OUR PROFESSIONAL LIABILITY INSURANCE POLICY
OR PART THEREOF. THIS WORK IS NOT TO BE
REPRODUCED OR TRANSMITTED IN ANY FORM OR
BY ANY MEANS, ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING, RECORDING, OR BY
ANY INFORMATION STORAGE AND RETRIEVAL
SYSTEM, WITHOUT THE WRITTEN CONSENT OF HURT &
PROFFITT, INC.

CITY PROJECT NUMBER: Y6555

H&P Project Number
20160133
ISSUE DATE:
February 9, 2016

REVISIONS:

- DEMOLITION NOTES**
1. DIMENSIONAL INDICATE EXISTING CONSTRUCTION TO BE REMOVED. UNLESS OTHERWISE NOTED, REMOVAL OF EXISTING WALLS INCLUDES REMOVAL OF ITEMS AFFIXED TO WALL DOORS, WINDOWS, CASEWORK, ELECTRICAL, MECHANICAL, PLUMBING, TRIM, ETC). EXTENT OF SELECTIVE DEMOLITION SHALL BE AS REQUIRED FOR INSTALLATION OF NEW WORK.
 2. REMOVE ALL EXISTING MATERIALS AND/OR FINISHES THAT ARE TO REMAIN. EXISTING WORK TO REMAIN SHALL BE PROTECTED BY DEMOLITION OPERATIONS SHALL BE REMOVED TO MATCH ORIGINAL DESIGN CONSTRUCTION.
 3. PRIOR TO THE REMOVAL OR MODIFICATION OF WALLS OR OTHER POTENTIALLY LOAD BEARING ELEMENTS, THE ACTUAL SIZE AND LOCATION OF THE STRUCTURAL COMPONENT AND LOAD BEARING CONDITION SHALL BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE A-E OF ANY UNUSUAL OR HAZARDOUS CONCEALED CONDITION.
 4. PROVIDE ALL TEMPORARY BRACING AND SHORING NECESSARY TO MAINTAIN SUPPORT FOR ALL LOADS INCLUDING ROOF LOADS, AND TO MAINTAIN EXISTING FRAMING TO REMAIN IN ITS EXISTING LOCATION WHILE WORKING MODIFICATIONS REQUIRED UNDER THIS CONTRACT.
 5. CUT AND PATCH HOLES IN SLABS ON GRADE AND SUPPORTED SLABS AS REQUIRED TO COMPLETE WORK SHOWN.
 6. ALL ABANDONED BRING AND CONDUIT SHALL BE CAPED IN CONCEALED LOCATIONS. PATCH OPENINGS TO MATCH ADJACENT SURFACES. ABANDONED ELECTRICAL BOXES SHALL BE PROVIDED WITH NEW BLANK COVER PLATES.
 7. PROVIDE TEMPORARY DUST BARRIERS TO ISOLATE DEMOLITION WORK FROM UNAFFECTED AREAS.
 8. PROVIDE PROTECTION TO ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA AND TO AND FROM OCCUPIED PORTIONS OF THE BUILDING.
 9. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSIONS REQUIRED. USE APPROPRIATE PROTECTIVE COVERINGS TO PREVENT DAMAGE TO ADJACENT SURFACES. USE HAND TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHIPPING, TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES.
 10. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
 11. CLEAN SURFACE, BRUSH, USE AND INSPECT SURFACES OF CAST, REEF, AND REBERS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE SELECTIVE DEMOLITION OPERATIONS BEGAN.
 12. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AS REQUIRED, PRIOR TO FABRICATION OR INSTALLATION OF ALL WORK.
 13. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.
 14. PROVIDE TEMPORARY WEATHER PROTECTION, DURING INTERVAL BETWEEN SELECTIVE DEMOLITION OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES AND NEW CONSTRUCTION, TO PREVENT WATER LEAKAGE AND DAMAGE TO STRUCTURE AND INTERIOR AREAS.

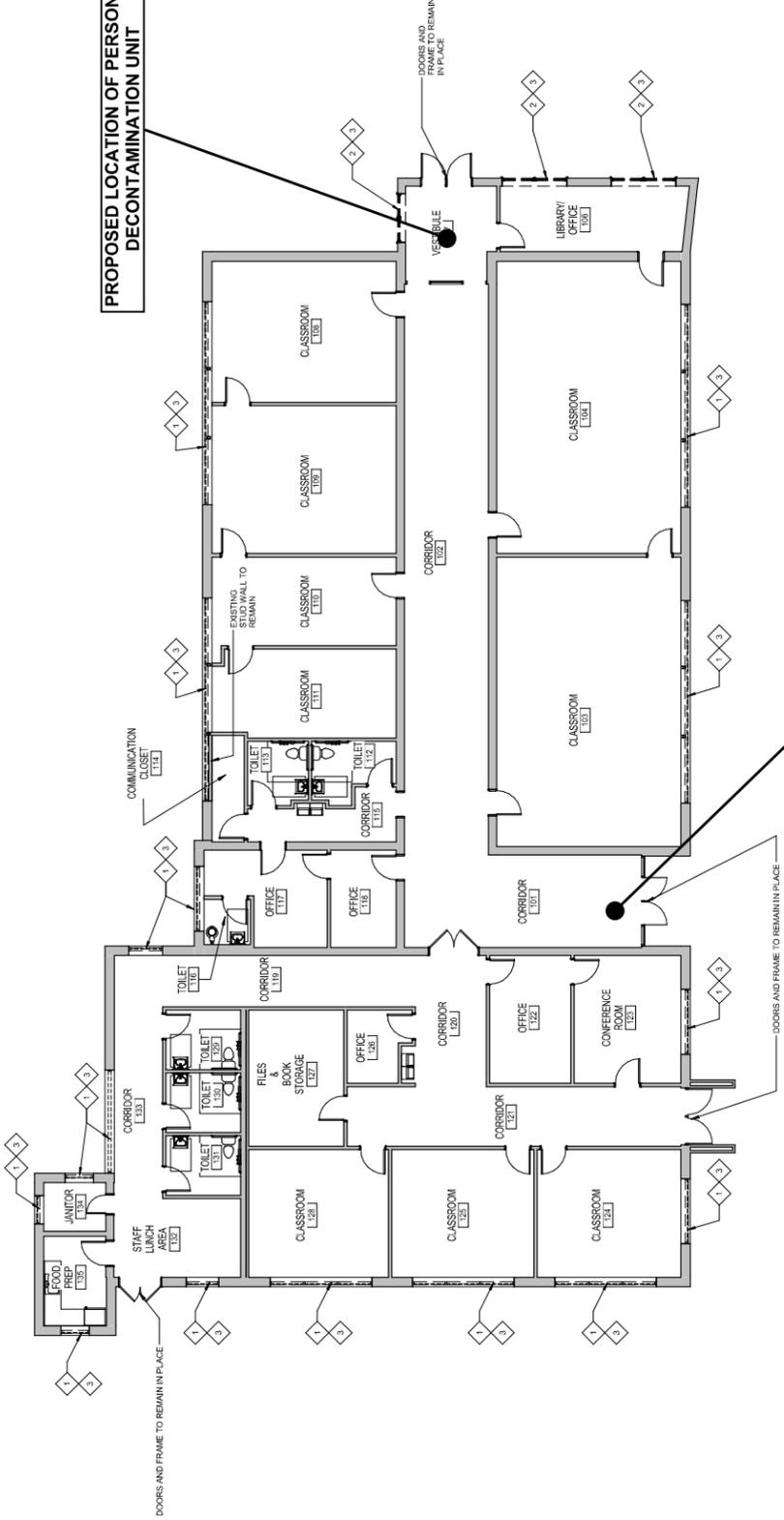
- DEMOLITION KEYNOTES**
1. REMOVE EXISTING DASHED WINDOW SYSTEM, TYP.
 2. REMOVE EXISTING DASHED DOUBLE HUNG WINDOW.
 3. REMOVE EXISTING DOUBLE HUNG WINDOW.

- ASBESTOS CONTAINING MATERIAL AND LEAD-BASED PAINTED ITEMS**
1. THE WINDOW CALLING CONTAINS 2% ASBESTOS. CONTRACTOR TO REMOVE AND DISPOSE OF AS REQUIRED BY LAW OR THE ASBESTOS ABATEMENT SPECIFICATION, WHICHEVER IS MOST STRINGENT.
 2. EXISTING WOOD TRIM DOES CONTAIN LEAD BASED PAINT. WHERE EXISTING PAINTED WOOD TRIMS TO BE DEMOLISHED, CONTRACTOR TO FOLLOW ALL CODES AND REGULATIONS FOR REMOVING LEAD-BASED PAINTED ITEMS. ANY AND ALL COSTS TO BE INCLUDED IN CONTRACT.

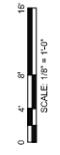
- GENERAL NOTES - ASBESTOS REMOVAL**
- A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETION OF ASBESTOS MATERIAL REMOVAL AS DEFINED IN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, MATERIALS, EQUIPMENT, AND PERSONNEL TO BE USED TO REMOVE ASBESTOS. CONTRACTOR SHALL COORDINATE WITH THE DESIGN SPECIFICATION, CONTRACTOR SHALL MAKE ALL EFFORTS TO COOPERATE AND COORDINATE WORK WITH OWNER, CONSTRUCTION MANAGER, OTHER CONTRACTORS, AND THEIR REPRESENTATIVES. COORDINATE BUILDING OPERATIONS WITH OWNER.
 - B. CONTRACTOR SHALL HOLD A CURRENT LICENSE IN THE STATE OF VIRGINIA FOR ASBESTOS REMOVAL AND COMPLETE ASBESTOS REMOVALS AND ALL ASSOCIATED WORK UNDER THIS CONTRACT FOR EACH DESIGNATED PHASE OF CONSTRUCTION.
 - C. CONTRACT DRAWINGS INDICATE THE EXTENT OF THE REMOVALS AND ARE TO BE USED AS A GUIDELINE. AT A MINIMUM, MATERIALS IDENTIFIED ON THE DRAWING IS TO BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING WASTE.
 - D. ALL PROPOSED DECONTAMINATION CHAMBER LOCATIONS, POWER AND WATER SOURCES, AND STAGING AREAS SHALL BE IDENTIFIED BY THE CONTRACTOR AND APPROVED BY THE OWNER, THEIR REPRESENTATIVE, AND THE CONSTRUCTION MANAGER.
 - E. THIS CONTRACT INCLUDES THE REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING WINDOW COMPONENTS, IE WINDOW GLAZE AND WINDOW CASINGS. THE WINDOW UNITS MAY BE REMOVED AS WHOLE AND DISPOSED OF IN ACCORDANCE WITH ALL VIRGINIA DEQ AND/OR US EPA REGULATIONS.

PROPOSED LOCATION OF PERSONAL DECONTAMINATION UNIT

PROPOSED LOCATION OF PERSONAL DECONTAMINATION UNIT



1 FLOOR PLAN DEMOLITION
D.T., SCALE: 1/8" = 1'-0"





HURT & PROFFITT
INCORPORATED

Appendix C

GENERAL NOTES - ASBESTOS REMOVAL

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETION OF ASBESTOS MATERIAL REMOVAL AS DEFINED IN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, COORDINATION, SUPERVISION, MANAGEMENT, AND SEQUENCING TO COMPLETE THE WORK AS ILLUSTRATED IN THE DESIGN/SPECIFICATION. CONTRACTOR SHALL MAKE ALL EFFORTS TO COOPERATE AND COORDINATE WORK WITH OWNER, CONSTRUCTION MANAGER, OTHER CONTRACTORS, AND THEIR REPRESENTATIVES. COORDINATE BUILDING/POWER/HVAC ISOLATION WITH OWNER.
- B. CONTRACTOR SHALL HOLD A CURRENT LICENSE IN THE STATE OF VIRGINIA FOR ASBESTOS REMOVAL AND SHALL EMPLOY VIRGINIA LICENSED ASBESTOS WORKERS. SUFFICIENT STAFFING SHALL BE PROVIDED TO COMPLETE ASBESTOS REMOVALS AND ALL ASSOCIATED WORK UNDER THIS CONTRACT FOR EACH DESIGNATED PHASE OF CONSTRUCTION.
- C. CONTRACT DRAWINGS INDICATE THE EXTENT OF THE REMOVALS AND ARE TO BE USED AS A GUIDELINE. AT A MINIMUM, MATERIALS IDENTIFIED ON THE DRAWING IS TO BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING WASTE.
- D. ALL PROPOSED DECONTAMINATION CHAMBER LOCATIONS, POWER AND WATER SOURCES, AND STAGING AREAS SHALL BE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE OWNER, THEIR REPRESENTATIVE, AND THE CONSTRUCTION MANAGER.
- E. THIS CONTRACT INCLUDES THE REMOVAL AND DISPOSAL OF ASBESTOS-CONTAINING WINDOW COMPONENTS, IE: WINDOW GLAZE AND WINDOW CAULKS. THE WINDOWS UNITS MAY BE REMOVED AS WHOLE AND DISPOSED OF IN ACCORDANCE WITH ALL VIRGINIA DEQ AND/OR US EPA REGULATIONS.