

# BBS ARCHITECTS LANDSCAPE ARCHITECTS ENGINEERS

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June 21, 2022

## ADDENDUM NO. 2

**Re:** Greenburgh CSD Capital Improvement projects at Highview ES; Lee F Jackson ES; RJ Bailey ES; Woodlands MS HS; Early Childhood Program

SED #66-04-07-02-002-013 – Highview  
SED #66-04-07-02-006-011 – Lee F Jackson  
SED #66-04-07-02-005-012 – RJ Bailey  
SED #66-04-07-02-007-022 – Woodlands  
SED #66-04-07-02-011-018 – Early Childhood Program

**BBS Project #21-288; 21-289; 21-290; 21-291; 21-292**

This addendum contains changes to the requirements of the contract drawings and/or project manual. Such changes shall be incorporated into the contract documents and shall apply to the work with the same meaning and force as if they had been included in the original documents. Wherever this addendum modifies a portion of a paragraph of project manual or any portion of the drawing, the remainder of the paragraph or drawing affected shall remain in force.

The conditions of the basic project manual shall govern all work described in this addendum. Wherever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this addendum, the conditions of work, etc. included in the basic project manual for similar items of work shall apply to the work described in this addendum.

The "Conditions of the Contract" apply to all work described in this addendum.

The following changes shall be and are hereby made:

### SPECIFICATION MODIFICATIONS

1. **Section 08710** – Door hardware for magnetic hold open devices have been changed to door closer magnetic hold open device. Door closer 4011 shall be replaced with the following -
  - a. New door closer shall be as follows

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- i. 4410 ME Series model 4414ME 3071
    - ii. 120 V; Powder coat finish; Bypass hold open 140 deg; Long arm
    - iii. Provide all mounting plates, transformers, wiring harnesses and switches as required for a complete installation
  - b. GC shall provide and install all the door closer components. The EC shall provide all wiring required for connecting the closer to the fire alarm system and to all the internal components of the closer devices to make them operational upon activation of the fire alarm system
  - c. The Dormakaba EM hold open devices will not be utilized since the door closer will now have the magnetic hold open function.
2. **Section 09650** – Resilient Flooring specification has been added to the project manual.

**CONSTRUCTION DRAWING MODIFICATIONS**

1. **Sheet A3.01A** – Roof details roof area A
  - a. Roof edge detail shown as both detail 2 and 10 on sheet A3.02 show 2 different roof edge conditions. The correct roof edge condition is detail 2 / A3.02.
  - b. This sheet has been modified. The accompanying sheet A3.01A shall hereby supersede and replace sheet A3.01A issued with the bid documents. The sheet modifications are identified by a revision cloud with tag number 2.
2. **Sheet A3.04A**
  - a. This sheet has been added. The accompanying sheet A3.04A shall hereby be issued as part of the bid documents.
3. **Sheet A8.01A**
  - a. This sheet has been modified. The accompanying sheet A8.01A shall hereby supersede and replace sheet A8.01A issued with the bid documents. The sheet modifications are identified by a revision cloud with tag number 2.
4. **Sheet A2.01C**
  - a. This sheet has been modified. The accompanying sheet A2.01C shall hereby supersede and replace sheet A2.01C issued with the bid documents. The sheet modifications are identified by a revision cloud with tag number 2.
5. **Sheet A2.02C**
  - a. This sheet has been modified. The accompanying sheet A2.02C shall hereby supersede and replace sheet A2.02C issued with the bid documents. The sheet modifications are identified by a revision cloud with tag number 2.
6. **Sheet A8.01C**
  - a. Door frame elevation F1 and F2 in the door schedule does not indicate glass in the frame. Frame F1 and F2 have a transom panel above the door. These transoms shall be 5/16" Fireglass 20, size as indicated on frame elevations.

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**7. Sheet A10.01C**

- a. This sheet has been added. The accompanying sheet A10.01C shall hereby be issued as part of the bid documents.

**8. Sheet A8.02D**

- a. This sheet has been modified. The accompanying sheet A8.02D shall hereby supersede and replace sheet A8.02D issued with the bid documents. The sheet modifications are identified by a revision cloud with tag number 2.

**9. Sheet A1.01E**

- b. This sheet has been modified. The accompanying sheet A1.01E shall hereby supersede and replace sheet A1.01E issued with the bid documents. The sheet modifications are identified by a revision cloud with tag number 2.

**GENERAL CLARIFICATIONS**

1. Add alternate GC1-1 has been removed from the bid. Contractors are hereby instructed to cross out Add Alternate GC1-1 on the bid proposal form.
2. Time of completion will be evaluated during the contractor prove out meetings. The availability of certain building materials and electronic components is an issue at the moment. We have no way of knowing how this will impact the proposed schedule until we speak with the contractors. The contractors shall include in their base bid the cost associated with having to work nights during the school year in order to complete the work if it extends beyond September.
3. Roof area A and B are metal deck roof.
4. As per the asbestos report there is no asbestos to be abated on roof area A & B.
5. Roof area C has asbestos on all perimeter flashings and around all roof curbs and roof penetrations. The GC shall include in his add alternate bid price the cost for the asbestos abatement in conjunction with the roof reconstruction.
6. Base bid GC-1 is for the roof replacement at Highview ES only and does not include any interior renovations. The bid proposal form is very clear on this – read it!
7. The GC-1 contractor is responsible for all electrical disconnects and reconnects of mechanical equipment. The GC shall hire a licensed electrician to perform all electrical work associated with the roof reconstruction.
8. The GC-1 contractor shall be responsible for abatement of any asbestos that may be discovered during construction. Reimbursement for any unforeseen asbestos abatement shall be covered under the abatement allowance.
9. The GC-1 is responsible to provide and install all roof drains – disconnect, reconnect and installation of new as shown on the construction documents. GC-1 shall also be responsible for all roof drain piping insulations.
10. GC-1 is responsible to remove all existing wood blocking and replace with new ACQ treated wood blocking at all roof edges and roof penetrations. Blocking to be provided to the depth as required by the new tapered insulation.
11. Roof deck is not pitched. Tapered insulation will be required for proper roof pitch to drains.

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12. Alternate Roof C has been eliminated from the bid scope.
13. Tectum deck fastening is not required. All roof areas are metal deck.
14. It is required for the contractor to secure the decking to meet NYS building code. The metal deck is in good condition.
15. Base layer of insulation must be fastened to the roof deck, all other layers can be adhered with 2 part polyiso adhesive.
16. 07534 calls for a hot mopped base sheet with a torch down cap sheet, the contractor cannot torch down both the base and cap sheets.
17. It is confirmed that the fastening requirements of field 8, perimeter 12, and corner 16 fasteners meet the 120 MPH wind speed requirement for the 07534 specified warranty.
18. The GC-1 contractor shall provide 25 PSI polyiso insulation.
19. The GC-1 contractor shall provide a roofing substrate board as is required over the metal deck at roof area A and B.
20. Alternate GC1-1 is eliminated from the work scope. No alternate for roof area C.
21. Only flood testing of roof drains will be required.
22. The GC-2 is responsible for all roof cutting and patching as required for all mechanical equipment roof openings.
23. It is anticipated that roof reconstruction will extend into October / November. Once school starts all roofing will need to be done after school lets out at 3:30pm.
24. Liquidated damages are addressed within the AIA contracts.
25. All roof areas that are being cut and patched for mechanical equipment are to be included in GC-2 contract.



**DIVISION 9 - FINISHES**

**SECTION 09650 - RESILIENT FLOORING**

**PART 1 - GENERAL**

**1.01 DESCRIPTION OF WORK**

- A. Provide new resilient flooring and base where noted on drawings.

**1.02 RELATED SECTIONS**

- A. 03300 - Cast-in-Place Concrete
- B. 03511 - Self-Leveling Concrete Floor and Underlayment
- C. 03512 - Self-Leveling Concrete Floor Underlayment (Over Extruded Polystyrene Foam)
- D. 06100 - Rough Carpentry

**1.03 SUBMITTALS**

- A. Submittals shall be in accordance with Section 01300 - Submittals and as modified below.
- B. Product Data:
  - 1. Submit manufacturer's technical data and installation instructions for each type of resilient flooring, adhesives and accessories.
  - 2. Include manufacturer's written instructions for recommended maintenance practices for each type of resilient flooring and accessories.
- C. Samples:
  - 1. For projects requiring initial selection of color and pattern by Architect, submit samples in form of actual sections of resilient flooring, including accessories, showing manufacturer's full range of colors and patterns available, for each type of resilient flooring required.
  - 2. For projects requiring verification of previously selected styles and colors; submit, for verification purposes, samples of each type, color, and pattern of resilient flooring, including accessories, selected by Architect, indicating full range of variation in color and pattern selected. Provide full-size tile units and minimum 2 1/2" long sections of resilient flooring accessories.
- D. Maintenance Instructions:
  - 1. Submit manufacturer's written instructions for recommended maintenance practices for each type of resilient flooring and accessories.

E. Replacement Material:

1. Submit to Owner at project site one box of each type and color of tile for each 50 boxes (or fraction thereof) of each type and color installed.

1.04 PRODUCT DELIVERY AND STORAGE

- A. Deliver materials to project site in manufacturer's original, unopened containers with labels indicating brand names, colors, patterns, and quality designations legible and intact.
- B. Do not open containers or remove markings until materials are inspected and accepted by installation contractor.
- C. Store and protect accepted materials in accordance with manufacturer's directions and recommendations.
- D. Unless otherwise indicated, store materials in original containers at not less than 70°F for not less than 48 hours immediately before installation.
- E. All products should be inspected for dye lot, style, color, size, quality and shipping damage prior to installation and should not be installed if any irregularities are observed. Inspect the cartons to be sure all colors are the same shade.

1.05 ENVIRONMENTAL REQUIREMENTS

- A. Maintain temperature in space to receive tile between 70°F and 90°F for not less than 48 hours immediately before installation.
- B. Maintain minimum temperature of 55°F after flooring is installed except as specified in "A" above.
- C. Temperatures provided for installation and initial finishing shall be maintained at levels in accordance with manufacturer's requirements.

PART 2 - PRODUCTS

2.01 TILE FLOORING

- A. Vinyl Composition Tile: (VCT) Azrock by Tarkett or equivalent.
  1. Meets ASTM F1066 Class 2 (Through Pattern)
  2. Interior Floor Finish Requirements: Interior floor finish shall meet or exceed the requirements of The Building Code of New York State.
    - a. The flooring specified is classified in accordance with

NFPA 253 as: Class 1, Critical Radiant Flux 0.45 watts/cm2 or greater.

b. Flame spread rating less than 25 and smoke developed not to exceed 450, in accordance with ASTM E-84.

3. Size: 12" x 12" unless otherwise shown. Thickness: 1/8".

4. Color and pattern: Unless otherwise specified, color shall be as selected by the Architect from manufacturer's full range of standard VCT patterns and colors. Pattern to match existing where appropriate or as shown on finish floor plans. In the event that the finish floor plans in part or in their entirety are not provided herein, the bid shall include a minimum of two and/or three colors in a full tile basic pattern as determined by the Architect.

5. Slip resistance: ADA compliant with a static coefficient of friction of 0.6 for level surfaces and 0.8 for ramps.

6. 150 psi rating.

7. Manufacturers offering products complying with these requirements include:

a. Azrock by Tarkett, Houston, Texas

b. Mannington Commercial; Calhoun, GA.

c. Armstrong Commercial US, Lancaster, PA.

B. Vinyl Enhanced Tile: (VET) Azrock by Tarkett or equivalent

1. Meets ASTM F1066.

2. Interior Floor Finish Requirements: Interior floor finish shall meet or exceed the requirements of The Building Code of New York State.

a. The flooring specified is classified in accordance with NFPA 253 as: Class 1, Critical Radiant Flux 0.45 watts/cm2 or greater.

b. Flame spread rating less than 25 and smoke developed not to exceed 450, in accordance with ASTM E-84.

3. Size: 12" x 12" unless otherwise shown, 1/8" thick.

4. Color and pattern: Unless otherwise specified, color shall be as selected by the Architect from manufacturer's Azterra, Color Essence, or Color Essence SR series or manufacturer's current full range of standard V.E.T. Pattern to match existing where appropriate or as shown on finish floor plans. In the event that the finish floor plans in part or in their entirety are not provided here, the bid shall include a minimum of two and/or three colors in a full tile basic pattern as determined by the Architect.

5. Slip resistance: ADA Compliant with a static coefficient of friction of 0.6 for level surfaces and 0.8 for ramps.
  6. 400 psi rating.
  7. Manufacturers offering products complying with these requirements include:
    - a. Azrock by Tarkett, Houston, Texas.
    - b. Roppe Corporation; Fostoria, Ohio.
- C. Homogeneous Solid Vinyl Tile: (SVT) Azrock by Tarkett or equivalent.
1. Meets ASTM F1700, Class 1, Type A (Type B for Slip Resistance).
  2. Interior Floor Finish Requirements: Interior floor finish shall meet or exceed the requirements of The Building Code of New York State.
    - c. The flooring specified is classified in accordance with NFPA 253 as: Class 1, Critical Radiant Flux 0.45 watts/cm2 or greater.
    - d. Flame spread rating less than 25 and smoked developed not to exceed 450, in accordance with by ASTM E-84.
  3. Size: 16" x 16" unless otherwise shown, 1/8" thick.
  4. Color and pattern: Unless otherwise specified, color shall be as selected by the Architect from manufacturer's Cortina Grande or Karim Kolors series or manufacturer's current full range of standard V.E.T. Pattern to match existing where appropriate or as shown on finish floor plans. In the event that the finish floor plans in part or in their entirety are not provided within. Include a minimum of two and/or three colors in a full tile basic pattern as determined by the Architect.
  5. Slip resistance: ADA compliant with a static coefficient of friction of 0.6 for level surfaces and 0.8 for ramps.
  6. 800 psi rating.
  7. Manufacturers offering products complying with these requirements include:
    - a. Azrock by Tarkett, Houston, Texas.
    - b. Polyflor Ltd., Manchester, UK.
- D. Luxury Vinyl Tile (LVT) by Tandus Centiva by Tarkett or equivalent.
1. Meets ASTM Testing as follows:

- a. ASTM F137
  - b. ASTM F2199
  - c. ASTM F970
  - d. ASTM F1914
  - e. ASTM e648
  - f. ASTM D2047
  - g. ASTM E662
  - h. ASTM F1515
  - i. ASTM F925
  - j. ASTM F1514
- 2. Offer a minimum 1500 PSI rating.
  - 3. Available with the following emboss selections: Pathway, Frost, Natural Grain, Fresco, Quarry, Rough Grain, Sawn, Straight Grain and Tick.
  - 4. Offer a variance in size selection.
  - 5. Offer a design selection between wood, stone or abstract products.
  - 6. Offer a minimum wear layer thickness of 32 mil.
  - 7. Offer a 3 mm overall thickness.
  - 8. Offer a 20 year commercial warranty.

## 2.02 ACCESSORIES

### A. Rubber Cove or Wall Base:

- 1. Rubber cove or wall base shall be extruded and as manufactured by Roppe Corporation. It shall be constructed of first quality materials, properly vulcanized, and shall be smooth and free from imperfections which detract from its appearance. The base shall conform fully to the requirements of U.S. Federal Specification SS-W-40a, Type I Rubber. All cove base shall be of the cove Style B with a height of 4" (101.6 mm), in lengths continuous coil (1.22 m), in the color stated (see No. 4 below), and of 1/8" (3.175 mm) thickness.
- 2. Height: 4" unless otherwise noted.
- 3. Thickness: 1/8" gauge.
- 4. Color: As may be detailed in the finish floor plans or as selected by Architect from the manufacturer's premium colors.

5. Style: Standard top-set cove, except as may be detailed in finish floor plans or as selected by the Architect.
6. In the event that the finish floor plans in part or in their entirety are not provided herein, for bidding purposes, the Contractor shall utilize and, therefore, for inclusion in the scope of work and contract, that 100 percent of all rubber cove base shown to be provided shall be of Roppe Corporation Premium Colors Group IV or equal.

B. Accessories:

1. The Contractor shall utilize for bidding purposes and, therefore, for inclusion in the scope of work, all transitional reducers, reducer strips, cove caps, thresholds, edging, fillet strips and/or joiners as may need to be required by the project and/or Architect to provide a complete and acceptable project. All accessories shall be rubber and as manufactured by Roppe Corporation Color Group II or equal or luxury vinyl tile moldings to match specified pattern by [moldingsonline.com](http://moldingsonline.com).

C. Adhesives (Cements):

1. Waterproof, stabilized type as recommended by flooring manufacturer for the type of tile to be installed. Asphalt emulsions and other non-waterproof types are not acceptable.

D. Concrete Slab Primer:

1. Non-staining type as recommended by flooring manufacturer.

E. Leveling and Patching Compounds

1. Trowel Grade, featherable, latex modified Portland cement or blended hydraulic cement based formulation acceptable to the flooring manufacturer.
2. Gypsum based compounds shall not be used in slab on grade construction and will only be considered where specifically approved by the flooring manufacturer.

PART 3 - EXECUTION

3.01 INSPECTION OF SURFACES

A. Examine surfaces to receive resilient tile materials before installation begins for:

1. Defects or conditions that would adversely affect quality and execution of installation.
2. Deviations beyond allowable tolerances of surfaces to receive resilient flooring:

a. Maximum variation in sub-floor surfaces: 1/8 inch in

10 feet.

3. Do not proceed with installation until unsatisfactory conditions have been reported in writing to the Architect and have been corrected.

B. Prepare substrates according to ASTM F 710 including the following:

1. Moisture Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.

- a. When slab moisture content is in excess of manufacturer's requirements and if further drying is not possible, it may be necessary to install a moisture vapor barrier such as Chapco's Defender by Fuller Construction Products, Inc. If such a barrier product is determined to be required the product shall be deemed acceptable by the flooring and adhesive manufacturer'. The cost for application for such a barrier if not otherwise specified is considered an additional cost to the project. Added cost shall be agreed prior to proceeding.

- b. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer.

- c. VCT, VET & SVT

1. Perform anhydrous calcium chloride test, ASTM F 1869. Results must not exceed 5 lbs. Moisture Vapor Emission Rate per 1,000 sq. ft. in 24 hours.

Special Note: If MVER is greater than 5 lbs. but less than 8 lbs. consult manufacturer for special adhesive recommendations.

2. Perform relative humidity test using in situ probes, ASTM F 2170. Results must not exceed 80%.

Special Note: If MVER is greater than 80% but less than 90% consult manufacturer for special adhesive recommendations.

- b. LVT

1. ASTM F1869 and ASTM F2170 and pH testing is required when installing LVT. Testing should be performed in several areas including the perimeter of the room, at columns and wherever else moisture might occur. The maximum allowable moisture vapor emission rate (MVER) from the subfloor is 6.0 lbs. The maximum pH range is 9 or less. The In-Situ/RH requirement is not to

exceed 75%. Three test results for the first 1,000 sq. ft. are required, with 1 test result for every 1,000 sq. ft. thereafter. The installer may alternate every 1,000 sq. ft. between RH and Calcium Chloride test sites after the first 1,000 sq. ft.

- C. Wood subfloors must have a minimum of 18" (45.7 cm) of cross-ventilated space beneath the bottom of the joist.
  - 1. The floor must be rigid, free of movement.
  - 2. Single wood and tongue and groove subfloors should be covered with ¼" (6.4 mm) or ½" (12.7 mm) APA approved underlayment plywood.
    - a. Use ¼" (6.4 mm) thick underlayment panels for boards with a face width of 3" (76 mm) or less.
  - 3. Do not install over OSB (Oriented Strand Board), particle board, chipboard, lauan or composite type underlayments.
- D. Condition of Surfaces to Receive Resilient Materials: Dry, clean and free of oil, grease, or wax.
- E. Substrates shall be free of curing compounds, sealers, hardeners.
- F. Fill all minor cracks in substrates using approved crack filler in accordance with manufacturer's printed instructions.
- G. Flash patch with products acceptable to the resilient flooring manufacturer. If condition requires self-levelling underlayment, refer to that specification in Division 3.
- H. Clean substrates of all dirt and loose particles before application of flooring materials.
- I. Provide additional underlayment and build up to abutting dissimilar flooring materials.
- J. Store and use adhesives in accordance with the manufacturer's printed instructions.
- K. Proceeding with installation constitutes acceptance of the substrate conditions.

### 3.02 INSTALLATION

- A. Strictly adhere to manufacturer's printed instructions and the following:
  - 1. Lay resilient tile so as to ensure full uniform contact with substrate and to produce finished surfaces, which are smooth, even, and in true plane, free of buckles, waves, or other imperfections.



2. Cut and scribe tile neatly into breaks and recesses, walls, door frames, casework, and around pipes, columns, and other projections where flashed base is not required.
3. Lay tile square with room axis. Do not install border tiles that are less than 1/2 the width of a field tile. Tile against walls shall be the same width on each side of room.
4. Tile pattern when laid shall lie in an alternating direction as determined by the Architect.

B. Rubber Base:

1. Use approved cove base adhesive and apply in accordance with manufacturer's printed instructions such as Roppe Corporation's No. 205 Cove Base Adhesive or equal. Adhesive shall hold base tightly in contact.
2. Where necessary, patch and fill back-up material with underlayment material to provide continuous, uniform surface.
3. Scribe base accurately; use specified preformed corners; butt joints between sections tightly.
4. Provide base at built-in work, casework, and elsewhere as indicated or required.

- C. Reducing Strips: Install at points of transition from new resilient flooring to dissimilar flooring material. Whenever possible, locate strips between door jambs centered under doors.

### 3.03 ADJUSTMENTS

- A. Reset any tiles which have not seated in a level plane with surrounding tiles.
- B. Carefully remove and replace any tiles with broken corners with surrounding tiles.

### 3.04 CLEANING AND PROTECTION

- A. Protect floors from rolling loads for 72 hours after installation by covering with hardboard or plywood. Protect the floor with undyed, untreated building paper until final inspection.
- B. Initial cleaning and maintenance is the responsibility of the installing contractor and must be performed as soon as possible after installation. Initial cleaning may be not be performed until 3 days (72 hours) after installation or as otherwise specified by the manufacturer. The intent is to allow the tile become well seated in the adhesive and to prevent excess moisture and cleaning agents from interfering with the adhesive bond. Sweep and protect the floor until initial cleaning and maintenance can begin.

Initial Cleaning and Maintenance after Installation:

1. Sweep or vacuum floor thoroughly.
2. Clean flooring utilizing a pH neutral cleaner such as Super Shine All by Hillyard. Allow to stand for 5-15 minutes, but do not allow to dry. Scrub with a single disc rotary machine (175-350 rpm) with a blue or green pad. Remove solution and rinse with clean water. Allow flooring to dry completely before applying finish.
  - a. Heavily soiled floor may require a stripping procedure as the initial cleaning.
3. Floor finish:
  - a. For VCT, Apply four coats of a manufacturer approved high quality commercial floor finish such as Super Hil-Brite by Hillyard, allowing to dry completely between coats.
  - b. For VET, Apply three coats of a manufacturer approved high quality commercial floor finish such as Super Hil-Brite by Hillyard, allowing to dry completely between coats.
  - c. For SVT, Apply two coats of a manufacturer approved high quality commercial floor finish such as Super Hil-Brite by Hillyard, allowing to dry completely between coats.
  - d. S.V.T. has an alternative for maintenance which follows a dry buffing procedure. The awarded scope includes the standard cleaning and application of floor finish. Prior to proceeding with the application of finish, the dry buffing option is to be review with the Owner. If the Owner prefers the dry buffing process then the contractor shall perform the initial dry buffing in lieu of the initial application of floor finish.

### 3.05 CLEAN UP

- A. Remove from the site and legally dispose of all cartons, rubbish, and debris resulting from the work of this Section.

**END OF SECTION**



2020 ENERGY CONSERVATION CONSTRUCTION CODE of NEW YORK STATE DESIGN CRITERIA				
2020 E.C.C.C. of N.Y. STATE	CLIMATE ZONE	INSULATION COMPONENT	R-VALUE	REFERENCE
SECTION C301 CLIMATE ZONES	ZONE 4A (WESTCHESTER COUNTY)			TABLE C301.1 NEW YORK STATE CLIMATE ZONES BY COUNTY
SECTION C402 BUILDING ENVELOPE REQUIREMENTS	ZONE 4	ROOF - INSULATION ENTIRELY ABOVE ROOF DECK	R-30a	TABLE C402.1.3 OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS, R-VALUE METHOD

HAZARDOUS MATERIALS NOTES	
1.	ALL CONTRACTORS SHALL BE ADVISED THAT THE SCHOOL DISTRICT HAS SOLICITED AN INDEPENDENT TESTING COMPANY TO INSPECT AND TEST ALL AREAS OF THE EXISTING BUILDING WHICH ARE SCHEDULED TO BE DISTURBED DURING CONSTRUCTION FOR THE PRESENCE OF ASBESTOS, LEAD AND/OR PCB CONTAINING CONSTRUCTION MATERIALS.
2.	ALL INSPECTIONS AND TESTING HAVE BEEN PERFORMED BY: ENVIROSCIENCE CONSULTANTS 37 MOORE AVENUE FIRST FLOOR MT. KISCO, NY 10549
3.	RESULTS OF THE INSPECTIONS AND TESTING INDICATE THAT THE EXISTING BUILDING HAS TESTED NEGATIVE FOR THE PRESENCE OF ASBESTOS, LEAD AND/OR PCB CONTAINING CONSTRUCTION MATERIALS. REFER TO PRE CONSTRUCTION SURVEY, BULK SAMPLING AND ANALYSIS OF SUSPECT ASBESTOS, LEAD OR PCB CONTAINING MATERIALS PROJECT MANUAL, INFORMATION AVAILABLE TO BIDDERS FOR ADDITIONAL INFORMATION.
4.	ALL DISTURBANCES, REMOVAL OR DEMOLITION WORK TO THESE IDENTIFIED AREAS MUST BE PERFORMED IN CONFORMANCE WITH THE GUIDELINES AS OUTLINED IN THE PROJECT MANUAL AND APPLICABLE LOCAL, STATE AND/OR FEDERAL REGULATIONS.
5.	ALL LEAD, ASBESTOS AND PCB REMOVAL IS BY THE G.C. THE CONTRACTOR SHALL PERFORM A SITE INSPECTION PRIOR TO SUBMITTING A BID TO REVIEW AND QUANTIFY ALL ASBESTOS, LEAD AND/OR PCB CONTAINING CONSTRUCTION MATERIALS TO BE REMOVED OR AFFECTED BY THE PROPOSED SCOPE OF WORK.

WIND DESIGN DATA		
DESIGN CRITERIA		REFERENCE
ULTIMATE WIND SPEED	130 MPH	ASCE 7-16 FIG. 26.5-1B
RISK FACTOR	III	ASCE 7-16 TABLE 1.5-1
WIND EXPOSURE	CATEGORY B	ASCE 7-16 SECTION 26.7.3
INTERNAL PRESSURE COEFFICIENT	GCPH +/- 0.18 ENCLOSED	ASCE 7-16 TABLE 26.11-1
COMPONENTS AND CLADDING	ZONE 1 = +20/-31 PSF 2 = +20/-51 PSF 3 = +20/-77 PSF	ASCE 7-16 FIGURE 30.5-1 EQUATION 30.5-1

WOOD BLOCKING & PERIMETER EDGE NOTES	
1.	CONTRACTOR IS TO BE ADVISED THAT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXTENT OF WOOD BLOCKING REQUIRED FOR ALL PERIMETER GRAVEL STOPS, MECHANICAL CURBS, EXPANSION JOINTS, ETC. IN ACCORDANCE WITH THE TAPERED INSULATION LAYOUTS INCLUDED IN THESE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS.
2.	THE DETAILS SHOWN MAY NOT DEPICT THE REQUIRED HEIGHT OF BLOCKING REQUIRED AND REPRESENT THE INTENT OF THE DETAIL AT THIS CONDITION.
3.	THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN THE HEIGHT OF THE TOP OF GRAVEL STOP AT EACH ROOF ELEVATION AND MAKE THE NECESSARY MODIFICATIONS AT THE EDGE CONDITIONS TO MEET THE TAPERED ELEVATION HEIGHTS IN ACCORDANCE WITH THE ROOF MANUFACTURERS REQUIREMENTS.
4.	THE CONTRACTOR IS RESPONSIBLE TO MODIFY THE HEIGHTS OF ALL BREAK METAL FASCIAS & FASCIA EXTENDERS AS REQUIRED TO CONFORM TO THE INTENT OF THE DETAILS SHOWN AND THE CONDITIONS AS THEY CURRENTLY EXIST.
5.	PROVIDE APPROPRIATE BLOCKING FASTENERS AS REQ'D. TO SECURE BLOCKING TO EXIST. ROOF DECK IN ACCORDANCE W/ MANUF. ROOF SYSTEM REQUIREMENTS FOR COMPLIANCE W/ ASCE 7-10. CONTRACTOR SHALL PROVIDE N.Y.S. STRUCTURAL ENGINEERS CERTIFICATION FOR ANCHORING METHOD IN ACCORDANCE WITH ROOFING SPECIFICATIONS.

ROOF DEMOLITION NOTES	
1.	EXISTING MECHANICAL EQUIPMENT FANS SHALL BE REMOVED AND REINSTALLED AS REQUIRED TO FACILITATE REMOVAL AND INSTALLATION OF EXISTING OR NEW ROOFING. THE CONTRACTOR SHALL HIRE A LICENSED ELECTRICIAN TO DISCONNECT AND RECONNECT POWER TO FANS.
2.	EXISTING HVAC ROOF TOP EQUIPMENT SHALL BE REMOVED AND REINSTALLED AS REQUIRED TO FACILITATE REMOVAL AND INSTALLATION OF NEW OR EXISTING ROOFING. THE CONTRACTOR SHALL HIRE A LICENSED ELECTRICIAN TO DISCONNECT AND RECONNECT POWER TO RTUS. THE CONTRACTOR SHALL HIRE A LICENSED PLUMBER TO DISCONNECT AND RECONNECT GAS SERVICE TO RTUS WHERE APPLICABLE.
3.	CONTRACTOR SHALL REMOVE AND REPLACE EXISTING ROOF HATCHES WITH NEW AS SPECIFIED. SIZE TO MATCH EXISTING ONE REMOVED.
4.	CONTRACTOR SHALL REMOVE EXISTING ROOFING SYSTEMS AS INDICATED FULL DEPTH AND PREPARE DECK TO RECEIVE NEW ROOFING SYSTEM.
5.	CONTRACTOR SHALL REMOVE EXISTING ROOF DRAIN DOME STRAINERS, FLASHING CLAMP RINGS AND INSTALL NEW C.I. OF THE SAME. CONTRACTOR TO FURNISH & INSTALL NEW 3" CAST IRON STATIC EXTENSION RINGS. THE CONTRACTOR SHALL SHAKE OUT EXISTING DRAIN LINES TO ENSURE PROPER FUNCTION OF DRAINAGE, TYPICAL AT ALL ROOF DRAIN LOCATIONS.
6.	ALL ROOF AREAS MARKED "NOT IN CONTRACT" SHALL BE PROTECTED DURING ROOF REPLACEMENT SCOPE OF WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO REPAIR AND RESTORE THESE AREAS IF ANY DAMAGE HAS BEEN CAUSED AT NO ADDITIONAL COST TO THE OWNER.

ROOF SYMBOL LEGEND	
	EXISTING ROOFTOP AIR HANDLER LOCATIONS ON EQUIPMENT RAILS
	EXISTING A/C CONDENSER LOCATION ON EQUIPMENT RAILS
	EXISTING ROOF TOP EXHAUST FAN LOCATION
	EXISTING ROOF DRAIN LOCATIONS
	EXISTING PENETRATION POCKET THRU ROOF LOCATIONS TO REMAIN
	EXISTING PLUMBING REMN THRU ROOF LOCATIONS TO REMAIN
	ROOF CORE LOCATIONS. REFER TO EXISTING ROOF COMPOSITION NOTES FOR ADDITIONAL INFO.
	LOW POINT OF TAPERED INSULATION
	HIGH POINT OF TAPERED INSULATION @ 1/8" PER FOOT - U.O.N.
	INDICATES EXIST'G ROOF EXPANSION JOINT LOCATION. G.C. TO REMOVE & INSTALL NEW AS DETAILED
	SHEET METAL GOOSE NECK VENT STACK
	INDICATES NEW ROOF WALKWAY PADS
	INDICATES ROOF AREA NOT IN CONTRACT
	MECHANICAL GRAVITY VENTS
	EXISTING COPING MOUNTED SECURITY LIGHT, REMOVE AND REINSTALL
	EXISTING SKYLIGHTS TO BE REMOVED AND REPLACED WITH NEW. SEE DETAILS

EXISTING ROOF COMPOSITION CORES	
** ALL CORES ARE FROM THE TOP DOWN **	
ROOF CORE SAMPLE #1, ROOF B AT FLASHING TOTAL THICKNESS ABOVE DECK: 4 INCHES	
• GRAVEL BALLAST SURFACE • CAP SHEET - ASPHALT • 1/2" PERLITE BOARD • RIGID INSULATION BOARD, APPROX. 3-1/2" TOTAL • METAL DECK STRUCTURE	
ROOF CORE SAMPLE #2, ROOF B AT FIELD TOTAL THICKNESS ABOVE DECK: 3-1/2 INCHES	
• GRAVEL BALLAST SURFACE • CAP SHEET - ASPHALT • 1/2" PERLITE BOARD • RIGID INSULATION BOARD, APPROX. 3" TOTAL • METAL DECK STRUCTURE	
ROOF CORE SAMPLE #3, ROOF A AT FIELD TOTAL THICKNESS ABOVE DECK: 3-1/2 INCHES	
• GRAVEL BALLAST SURFACE • CAP SHEET - ASPHALT • 1/2" PERLITE BOARD • RIGID INSULATION BOARD, APPROX. 3" TOTAL • VAPOR BARRIER • METAL DECK STRUCTURE	
ROOF CORE SAMPLE #4, ROOF A AT FLASHING TOTAL THICKNESS ABOVE DECK: 3-1/2 INCHES	
• GRAVEL BALLAST SURFACE • CAP SHEET - ASPHALT • 1/2" PERLITE BOARD • RIGID INSULATION BOARD, APPROX. 3" TOTAL • VAPOR BARRIER • METAL DECK STRUCTURE	
ROOF CORE SAMPLE #5, ROOF OVER SMALL CANOPY TOTAL THICKNESS ABOVE DECK: 1/2 INCH	
• GRAVEL BALLAST SURFACE • CAP SHEET - ASPHALT • 1/2" PERLITE BOARD • CONCRETE DECK STRUCTURE	
ROOF CORE SAMPLE #6, ROOF A AT ROOF DRAIN TOTAL THICKNESS ABOVE DECK: 2-1/2 INCHES	
• GRAVEL BALLAST SURFACE • CAP SHEET - ASPHALT • 1/2" PERLITE BOARD • RIGID INSULATION BOARD, APPROX. 2" TOTAL • VAPOR BARRIER • METAL DECK STRUCTURE	

TAPERED INSULATION NOTES	
1.	G.C. SHALL PROVIDE A TAPERED INSULATION PLAN FOR ALL ROOF AREAS IN CONTRACT.
2.	G.C. SHALL FIELD VERIFY ROOF DIMENSIONS & ROOF DRAIN LOCATIONS
3.	TAPERED INSULATION LAYOUT SHALL CONFORM TO LATEST REQUIREMENTS OF THE N.Y. STATE ENERGY CODE, MINIMUM PITCH OF 1/8" PER FOOT.
4.	TAPERED INSULATION PLAN SHALL SHOW ALL ROOF PITCHES & CRICKETS AS REQUIRED TO FACILITATE POSITIVE DRAINAGE.
5.	ROOF INSULATION TO BE A MIN. THICKNESS OF 5.2" AND R-30 (CONTINUOUS INSULATION) AS PER THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE

PRE-ABATEMENT WORK NOTES:	
1. THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONAL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL ESTABLISH LABEL AND MAINTAIN PROPER EXITS AND WAYS OF DEPARTURE WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.	
POST-ABATEMENT WORK NOTES:	
1. THE CONTRACTOR SHALL, UPON COMPLETION OF REMOVALS, PROVIDE WRITTEN DOCUMENTATION THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL HAZARDOUS MATERIALS.	
2. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL HAZARDOUS MATERIALS REMOVED FROM THE SITE.	

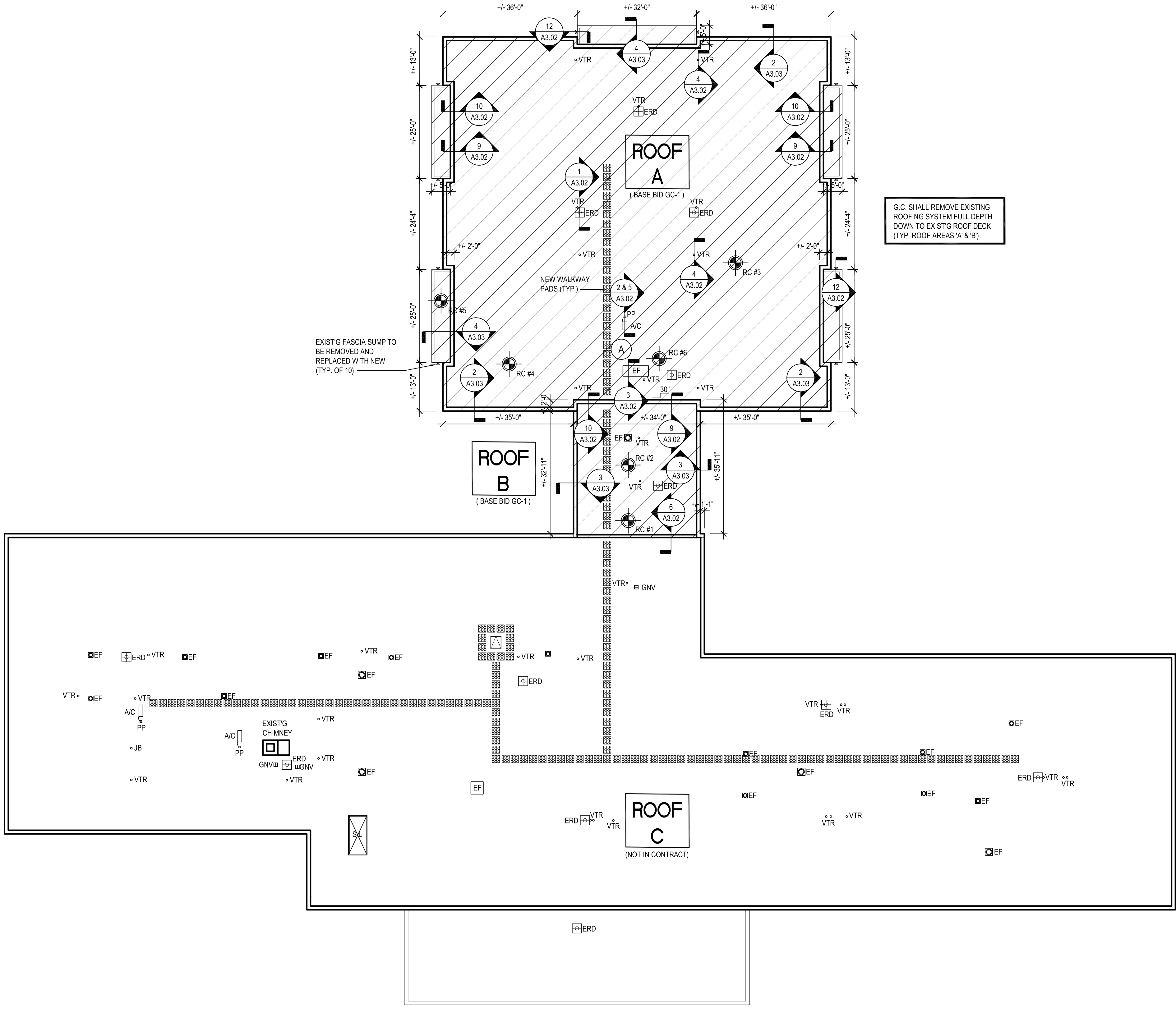
ABATEMENT NOTES	
	REMOVE FROM THE AREAS INDICATED; ALL ASSUMED ASBESTOS CONTAINING ELECTRICAL WIRE INSULATION, AT ALL LOCATIONS BASED ON THIS PROJECT, LOCATED IN FAN ROOM AND INTERIOR OF AIR HANDLERS DUCT WORK SYSTEMS. REMOVAL SHALL BE IN COMPLIANCE WITH CODE RULE 56 AND SPECIFICATIONS.
NOTES: REFER TO ENVIROSCIENCE CONSULTANTS, REPORT FOR PROJECT # 21819, CONTAINED WITHIN THE PROJECT MANUAL, FOR ALL PRECONSTRUCTION SURVEY, BULK SAMPLING AND ANALYSIS OF SUSPECT/ASSUMED ASBESTOS CONSTRUCTION MATERIALS. G.C. TO COORDINATE WITH ENVIROSCIENCE FOR PROJECT-SPECIFIC ABATEMENT & DISPOSAL PROTOCOL, REQUIRED.	

LEAD CONTAINING NOTES	
	CONTRACTOR SHALL NOTE THAT LEAD PAINT EXISTS ON THE EXISTING LOWER LEVEL LOBBY/ GYMNASIUM METAL DOOR FRAMES, METAL GLASS PARTITIONS, AND METAL BEAMS (GREEN WHITE). REFER TO SPECIFICATIONS FOR PROTOCOL ON REMOVALS AND IMPACT ON NEW WORK SCOPE.
NOTES: MATERIALS IDENTIFIED ABOVE SHOULD BE CONSIDERED LEAD CONTAINING IN THE AREAS INDICATED AS WELL AS WHERE EVER THEY EXIST THROUGHOUT THE STRUCTURE. DESIGNATED MATERIALS INDICATE MATERIALS TO BE REMOVED AND PROPERLY DISPOSED OF UNDER THIS PROJECT. REFER TO PRE CONSTRUCTION LEAD MATERIALS INSPECTION, SAMPLING REPORT, AND LEAD WORK SAFE PLAN SPECIFICATION 02050 FOR ABATEMENT PROCEDURES AND LEGAL REMOVAL AND DISPOSAL REQUIREMENTS. REFER TO ENVIROSCIENCE CONSULTANTS, REPORT FOR PROJECT # 21819, CONTAINED WITHIN THE PROJECT MANUAL FOR LEAD-BASED PAINT INSPECTION DATA & APPENDIX C FOR LEAD XRF TEST RESULTS FOR PROJECT-SPECIFIC DATA.	

GENERAL NOTES	
1.	IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED, AND PROTECTED.
2.	ALL WORK AND MATERIAL OF THIS PROJECT AND ADJACENT SURFACES AND THE INTERIOR OF THE BUILDING SHALL BE PROTECTED FROM DAMAGE, IN THE EVENT OF DAMAGE, THE RESPONSIBLE CONTRACTOR (I.E. GENERAL CONTRACTOR OR ASBESTOS CONTRACTOR) SHALL IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENTS NECESSARY TO THE APPROVAL OF THE ARCHITECT AND AT NO ADDITIONAL COST TO THE SCHOOL DISTRICT.
3.	ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION TO SCHOOL OPERATIONS AND SHALL COMPLY WITH PROCEDURES OUTLINED IN SPECIFICATION SECTION 01303 OF THE PROJECT MANUAL.
4.	EACH CONTRACTOR SHALL ENFORCE STRICT DISCIPLINE AND GOOD ORDER AMONG THE CONTRACTORS EMPLOYEES AND OTHER PERSONS CARRYING OUT THE CONTRACT. THE CONTRACTOR SHALL NOT PERMIT EMPLOYMENT OF UNFIT PERSONS OR PERSONS NOT SKILLED IN THE TASKS ASSIGNED TO THEM.
5.	EACH CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL HIS OWN PROJECT WASTE MATERIAL AND RUBBISH FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATION TO BE COORDINATED WITH THE OWNER, OFF-SITE DISPOSAL TO BE ON A REGULAR BASIS.
6.	CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND PRIOR TO PROCEEDING WITH WORK, NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
7.	CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR BIDDING AND ESTIMATING.
8.	CONTRACTOR TO PROTECT ALL AREAS OF WORK FROM INCLEMENT WEATHER DURING AND AT THE END OF DAILY WORK OPERATIONS.
9.	ALL PROJECT WASTE MATERIAL AND RUBBISH TO BE DISPOSED IN CONTAINERS PROVIDED BY EACH CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATION TO BE COORDINATED WITH THE CONSTRUCTION MANAGER AND OWNER. OFF-SITE DISPOSAL TO BE ON A REGULAR BASIS.
10.	ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHOULD BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT AND OWNER.
11.	ALL DEBRIS, DUST, AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.

WIRE AND CONDUIT NOTE	
THE ROOF CONTRACTOR SHALL HAVE ALL ELECTRICAL CONDUIT IN THE VICINITY OF THE ROOF RECONSTRUCTION DISCONNECTED BY A LICENSED ELECTRICIAN AS NEEDED. CONDUIT SHOULD BE DISCONNECTED AS REQUIRED AS THE AREA THAT CONTAINS THE ELECTRICAL CONDUIT BECOMES IMPACTED BY ROOF RECONSTRUCTION WORK. THE CONTRACTOR MUST REVIEW & COORDINATE ALL ELECTRICAL CONDUIT DISCONNECTS WITH THE SCHOOL DISTRICT, SO AS NOT TO DISRUPT OR INTERFERE WITH SCHOOL OPERATIONS. WHEN ROOF RECONSTRUCTION WORK HAS BEEN COMPLETED IN A PARTICULAR AREA, ANY ELECTRICAL CONDUIT THAT CAN REASONABLY BE REINSTALLED WITHOUT EFFECTING ONGOING AREAS OF ROOF RECONSTRUCTION, SHALL BE SO REINSTALLED BY A LICENSED ELECTRICIAN. THE ROOF CONTRACTOR WILL PROVIDE PRE-MANUFACTURED PIPE SUPPORT PEDESTAL ASSEMBLIES FOR ALL CONDUIT. PIPE PEDESTAL SUPPORT DESIGN & SPACING SHALL BE SPECIFIED BY ROOF SURFACING MANUFACTURER & REVIEWED BY ARCHITECT PRIOR TO CONSTRUCTION OR PURCHASE BY THE CONTRACTOR. ALL ELECTRICAL CONNECTIONS SHALL BE RESTORED UPON COMPLETION OF THE WORK. ALL ELECTRICAL WORK TO EXISTING ROOF TOP EQUIPMENT WHICH MUST BE EXTENDED DUE TO NEW ELEVATION OF ROOF CURBS IS ALSO THE RESPONSIBILITY OF THE ROOF CONTRACTOR.	

NOTE TO CONTRACTOR:	
ANY SQUARE FOOTAGES AND/OR DIMENSIONS SHOWN SHALL BE CONSIDERED APPROXIMATE. THE CONTRACTOR IS FULLY RESPONSIBLE TO FIELD-VERIFY ALL ROOF AREA DIMENSIONS AND INCLUDE ALL CONDITIONS AS A PART OF THE BASE BID COST.	



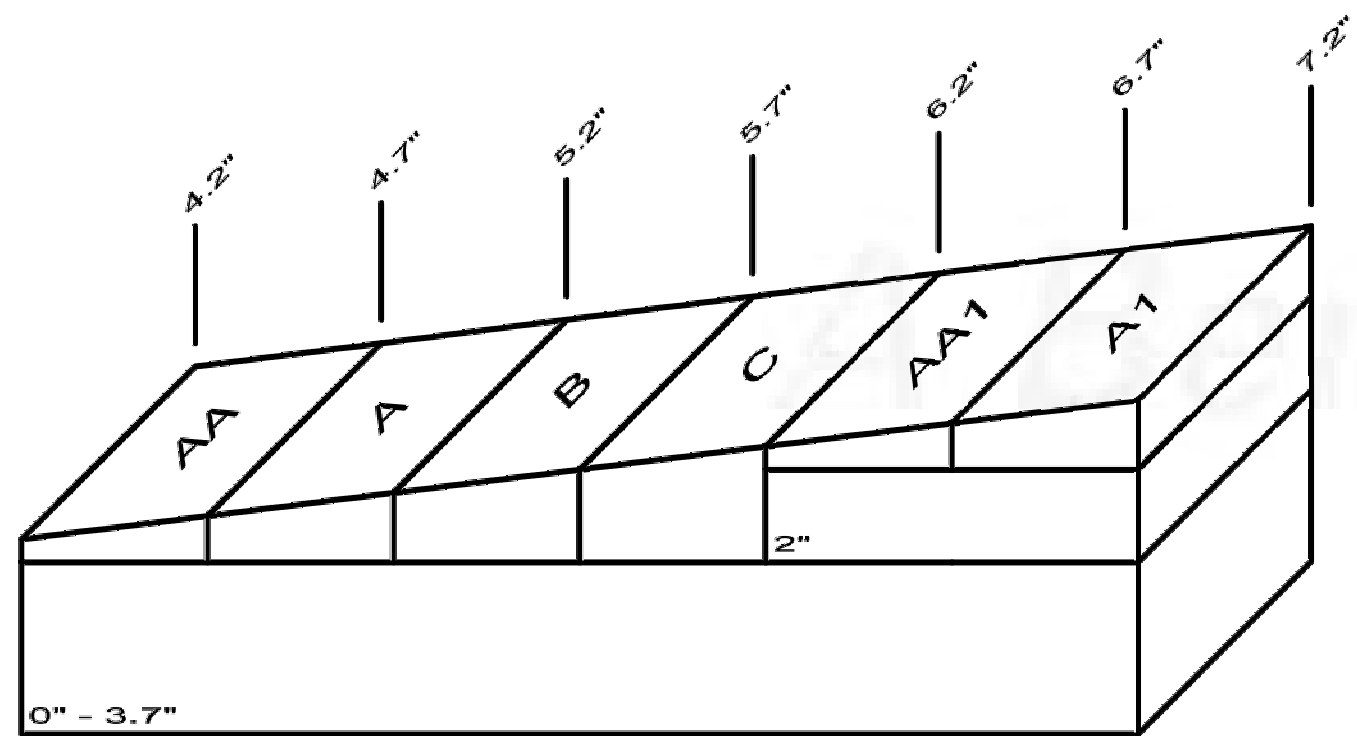
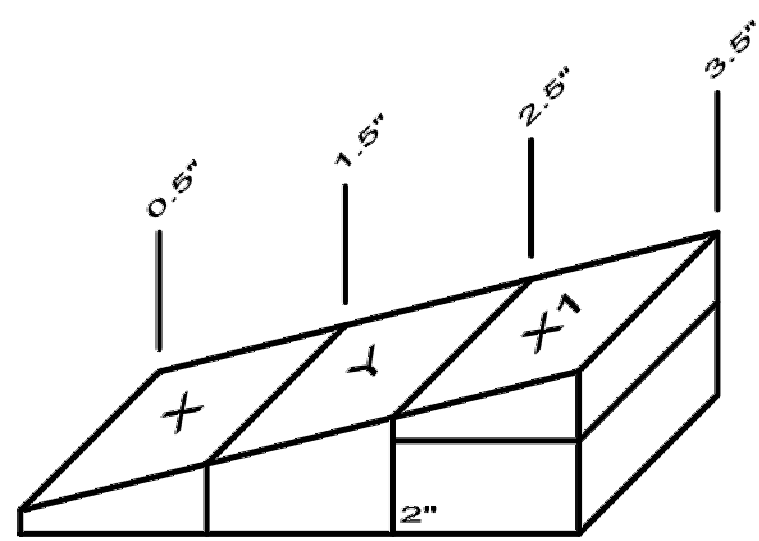
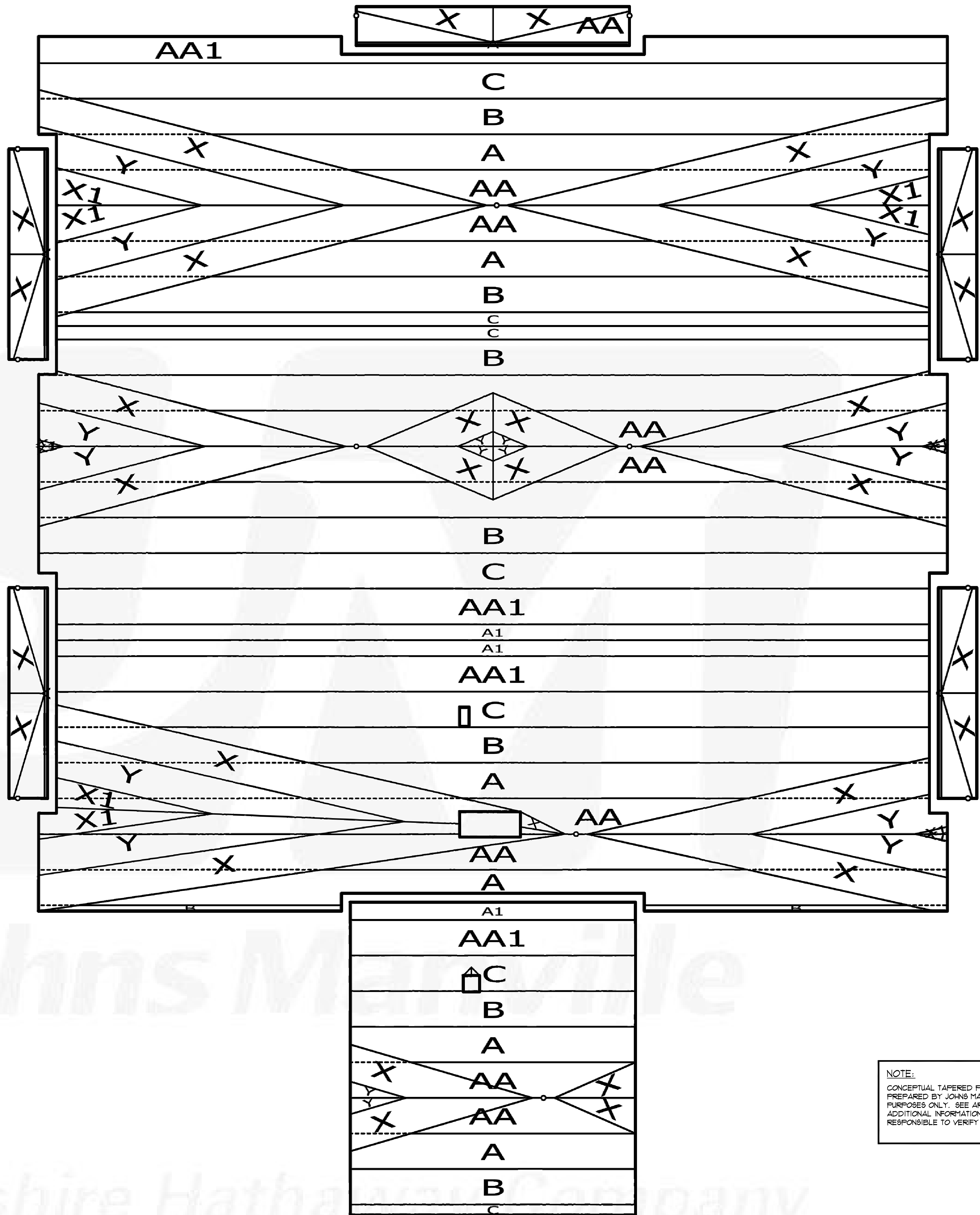
ROOF DEMOLITION AND PROPOSED PLAN  
HIGHVIEW ELEMENTARY SCHOOL

SCALE: 1/16" = 1'-0"

REV.	DATE	ITEM		
02	06/21/22	BID ADD. NO. 02		
NOTICE				
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KEY PLAN				
NOT TO SCALE				
GREENBURGH CENTRAL SCHOOL DISTRICT PHASE I - DISTRICT WIDE CAPITAL IMPROVEMENTS HIGHVIEW ELEMENTARY SCHOOL HARTSDALE, NEW YORK - WESTCHESTER COUNTY				
PROJECT	DRAWING BY: SES			
	CHECK BY: JWW			
NOTICE				
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SED No:	66-04-07-06-002-013			
DISTRICT	GREENBURGH CSD			
PROJECT	PH I - DW CAP. IMPROVEMENTS HIGHVIEW E.S.			
DWG TITLE	ROOF DEMOLITION & PROPOSED PLANS			
SCALE:	AS NOTED			
DATE:	MAY 2022			
BID PICK-UP:	MAY 27, 2022			
FILE No:	21-288			
A3.01A OF				



\*\*\*\* This Drawing is for Conceptual Purposes ONLY. \*\*\*\*  
\*\*\*\* Not intended for Final Submittal. \*\*\*\*  
\*\*\* N.T.S \*\*\*



NOTE:  
CONCEPTUAL TAPERED POLYISO LAYOUT DRAWING.  
PREPARED BY: JOHN MANVILLE, IS FOR REFERENCE  
PURPOSES ONLY. SEE ARCHITECTURAL ROOF PLANS FOR  
ADDITIONAL INFORMATION. CONTRACTOR SHALL BE  
RESPONSIBLE TO VERIFY ALL EXISTING CONDITIONS IN FIELD.

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Estimator  
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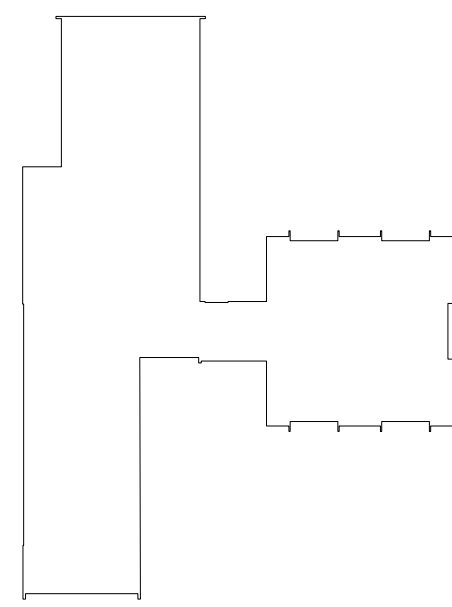
Project:  
NY22-367711A1 BASE BID  
GREENBURGH CSD HIGHVIEW ES  
HARTSDALE, NY

Tapered  
Systems  
Group  
10100 W. Ute Ave.  
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Littleton, CO 80127



REV.	DATE	ITEM

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INFORMATION AS THEY HAVE NOT BEEN FIELD AND DETAIL  
PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.



KEY PLAN  
NOT TO SCALE

PROJECT  
GREENBURGH CENTRAL SCHOOL DISTRICT  
PHASE I - DISTRICT WIDE CAPITAL IMPROVEMENTS  
HIGHVIEW ELEMENTARY SCHOOL  
HARTSDALE, NEW YORK - WESTCHESTER COUNTY

DWG TITLE  
ROOF INSULATION TAPERED PLAN

DRAWING BY: SES  
CHECK BY: JWW

NOTICE  
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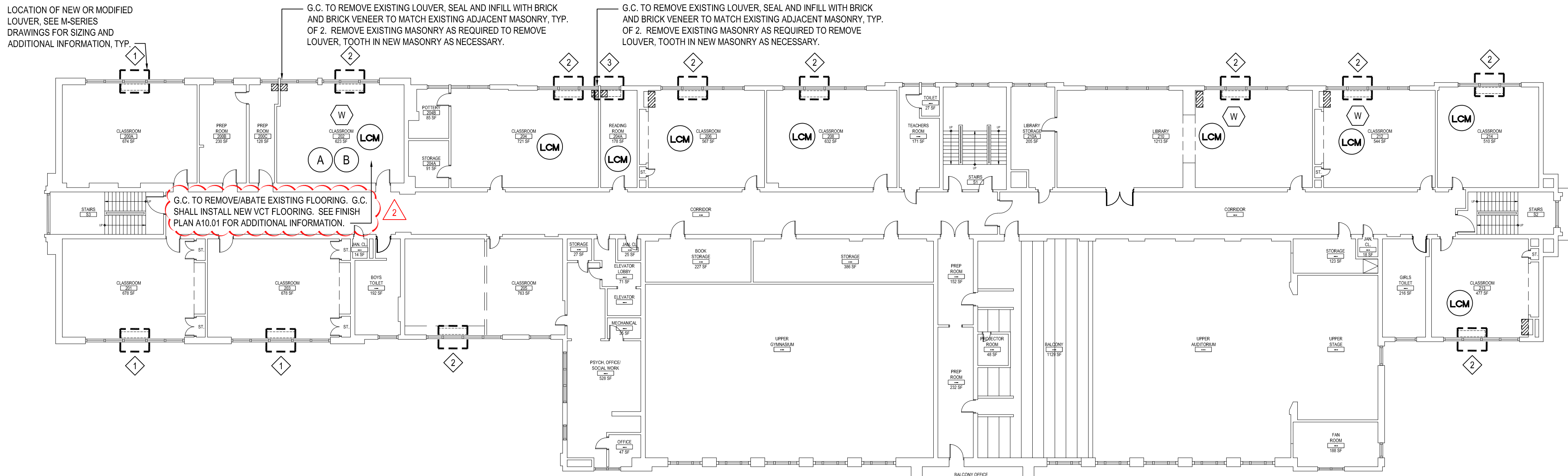
SED No: 66-04-07-06-0-002-013  
DISTRICT: GREENBURGH CSD  
PROJECT: PH I - DW CAP IMPROVEMENTS  
HIGHVIEW E.S.  
DWG TITLE: ROOF INSULATION  
TAPERED PLAN  
SCALE: AS NOTED  
DATE: MAY 2022  
BID PICK-UP: MAY 27, 2022  
FILE No: 21-288

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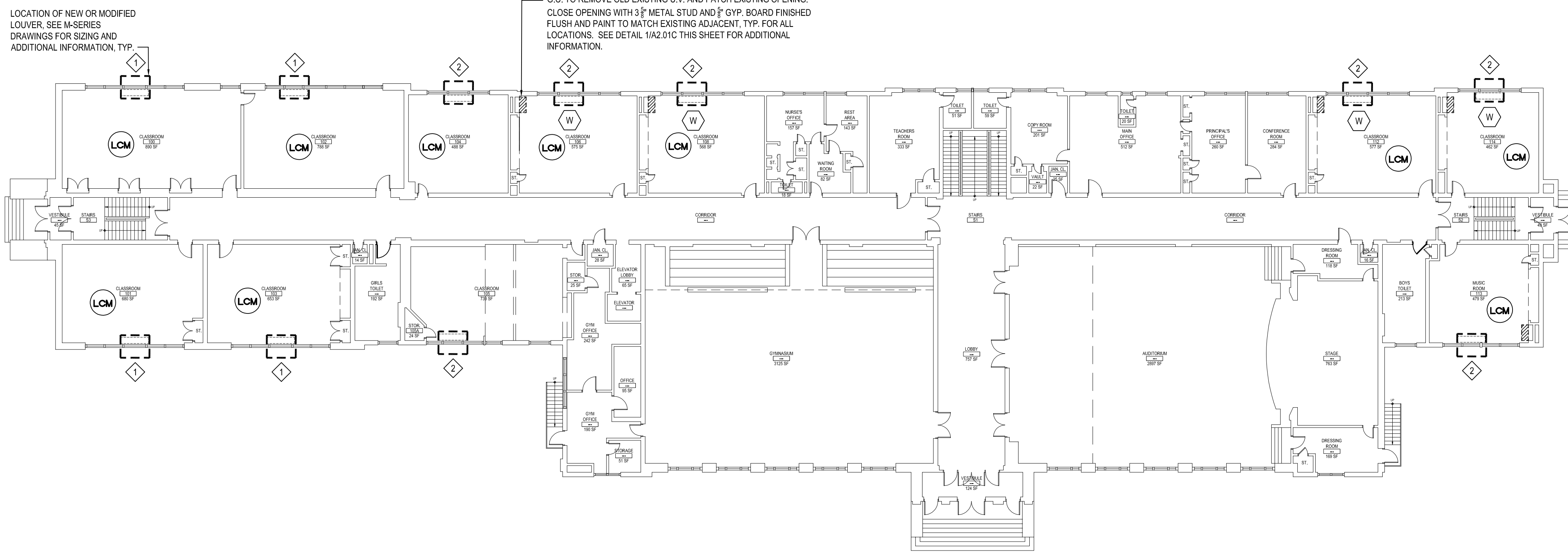




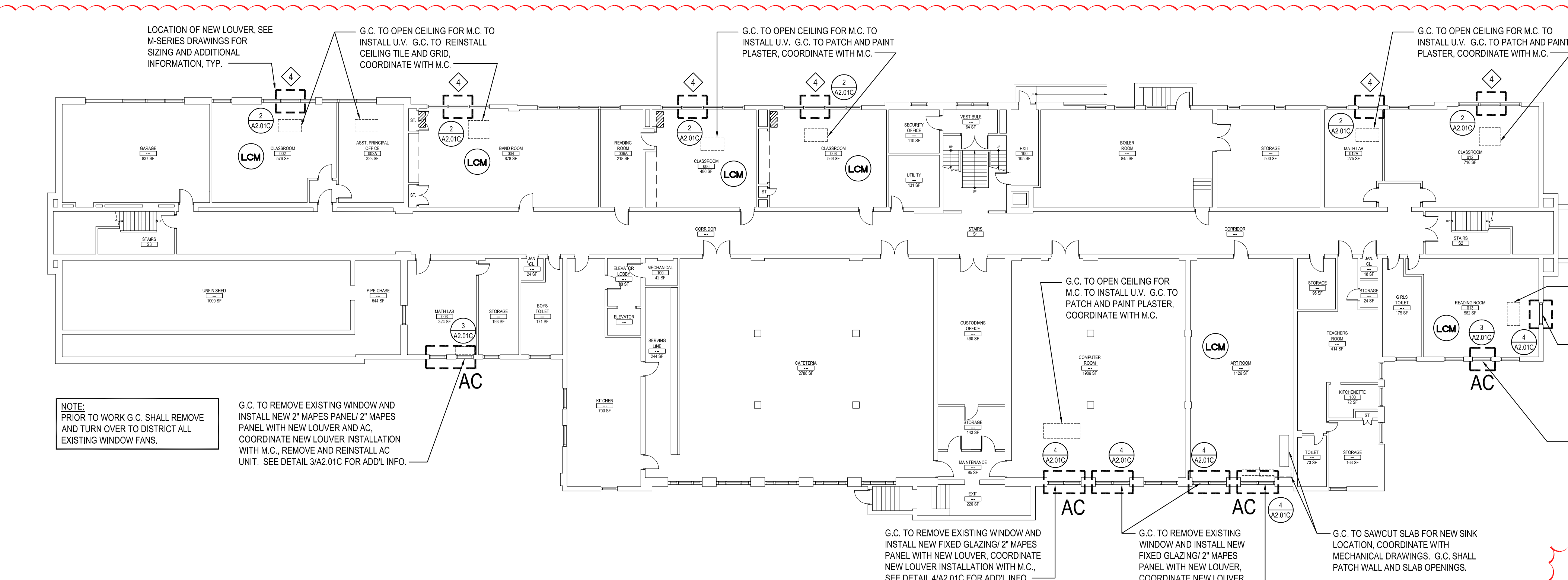




MASONRY RECONSTRUCTION SECOND FLOOR KEY PLAN



MASONRY RECONSTRUCTION FIRST FLOOR KEY PLAN



MASONRY RECONSTRUCTION BASEMENT KEY PLAN

**U.V. LOUVER LEGEND**

- 1 NEW U.V.'S BY M.C. EXISTING 4'-34"x8' LOUVER IN MASONRY TO BE EXPANDED TO ACCOMMODATE NEW 4'-48"x10' LOUVER. OPENING BY G.C. LOUVER BY M.C.
- 2 NEW U.V.'S BY M.C. G.C. TO CREATE NEW MASONRY OPENING FOR NEW 4'-48"x10' LOUVER. OPENING BY G.C. LOUVER BY M.C.
- 3 NEW U.V.'S BY M.C. G.C. TO REMOVE EXISTING LOUVER AND ADD NEW MASONRY BLOCK TO MATCH EXISTING ADJACENT IN EXCESS SPACE LEFT FROM NEW 4'-24"x10' LOUVER. OPENING BY G.C. LOUVER BY M.C.
- 4 NEW CEILING U.V.'S BY M.C. NEW LOUVERS IN EXISTING METAL PANELS ABOVE WINDOWS. LOUVER PROVIDED BY M.C., INSTALLED BY G.C. SEE DETAIL 2/A2.01C FOR ADDL INFO.

**AC** G.C. TO PATCH OPENING AT OLD U.V. LOCATION, COORDINATE WITH MECHANICAL DRAWINGS.

**W** EXISTING A.C. UNIT TO BE REMOVED AND REINSTALLED AS NECESSARY TO COMPLETE U.V. WORK.

**W** G.C. SHALL REMOVE AND DISPOSE OF EXISTING WINDOW SILL SHELVES FOR PROPER INSTALLATION OF NEW U.V.

**DEMOLITION NOTES**

- CONTRACTOR SHALL REFER TO ABATEMENT SERIES DRAWINGS FOR ADDITIONAL SCOPE AND NOTES NOT SHOWN ON THESE DRAWINGS.
- ALL ABATEMENT, DEMOLITION, REMOVAL AND DISPOSAL SHALL BE PERFORMED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED. DISCONNECTS SHALL BE PERFORMED BY ELECTRICAL CONTRACTOR, PLUMBING CONTRACTOR AND MECHANICAL CONTRACTOR. REFER TO M.E.P. SERIES DRAWINGS FOR COORDINATION AND ADDITIONAL GENERAL CONSTRUCTION DEMOLITION SCOPE DESCRIPTIONS.
- PRIOR TO THE START OF ANY DEMOLITION WORK THE CONTRACTOR SHALL COORDINATE A CONSTRUCTION DEBRIS REMOVAL PATH W/ OWNER.
- PRIOR TO THE START OF ANY DEMOLITION WORK THE CONTRACTOR SHALL HAVE CARTING CONTAINER(S) IN PLACE. FINAL DESIGNATION OF CONTAINER(S) IS TO BE COORDINATED W/ OWNER.
- PRIOR TO THE START OF ANY DEMOLITION WORK THE CONTRACTOR SHALL SAFE OFF ALL ELECTRICAL AND PLUMBING SERVICES NECESSARY TO PERFORM THE WORK OUTLINED IN THE DOCUMENTS. IT IS THE CONTRACTOR'S (G.C.) RESPONSIBILITY TO COORDINATE THESE ITEMS W/ THE ELECTRICAL AND PLUMBING CONTRACTORS.
- FLOORING DEMOLITION SCOPE SHALL INCLUDE ALL ABATEMENT, REMOVAL OF RUBBER/WOOD COVE AND BASE MOULDINGS, AND FLOORING DOWN TO EXISTING CONCRETE FLOORING.
- ALL HEAT AND SMOKE DETECTORS ARE TO BE PROPERLY COVERED THROUGHOUT THE PROJECTS DURATION. CONTRACTOR TO NOTIFY OWNER IF ANY WORK WILL INVOLVE THE INTERRUPTION OF ALARM SERVICE SO THAT THE SYSTEM CAN BE TAKEN OFF LINE DURING WORK HOURS AND PLACED BACK ONLINE UPON COMPLETION OF DAYS ACTIVITIES.
- ALL DOORS, AND HARDWARE SCHEDULED TO BE REMOVED ARE TO BE DISPOSED OF IN THEIR ENTIRETY. 'NO' MATERIAL IS TO BE TURNED OVER TO THE OWNER UNLESS OTHERWISE DIRECTED BY THE OWNER.
- THE CONTRACTOR (G.C.) IS RESPONSIBLE TO REVIEW AND COORDINATE ALL G.C. WORK W/ MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS UNDER THIS PROJECT.
- ALL GENERAL DEMOLITION WORK SHALL BE PERFORMED UNDER NEGATIVE PRESSURE WITH FILTERED POWER EXHAUST. NEGATIVE AIR SHALL PROVIDE A MINIMUM OF FOUR AIR CHANGES PER HOUR. ALL NEGATIVE AIR MACHINES AD EXHAUST DUCTING SHALL BE MONITORED REGULARLY BY THE CONTRACTOR TO ASSURE PROPER OPERATION.
- IT IS THE INTENT OF THIS DEMOLITION SCOPE TO REMOVE ALL FLOORING, WALLS, CEILINGS & DOORS (WHERE SHOWN DASHED), CASEWORK, WOOD TRIMWORK, WALL MOUNTED TACKBOARD, IN THEIR ENTIRETY TO ACCOMMODATE PROPOSED CONSTRUCTION AND FINISHES AS SHOWN HEREIN AND SPECIFIED.
- OWNER TO REMOVE ALL LOOSE FURNISHINGS AND STORED MATERIALS PRIOR TO START OF WORK.
- ALL DEMOLITION, REMOVAL AND DISPOSAL SHALL BE PERFORMED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED. DISCONNECTS SHALL BE PERFORMED BY ELECTRICAL CONTRACTOR, PLUMBING CONTRACTOR AND MECHANICAL CONTRACTOR. REFER TO M.E.P. SERIES DRAWINGS FOR COORDINATION AND ADDITIONAL GENERAL CONSTRUCTION DEMOLITION SCOPE DESCRIPTIONS.
- G.C. SHALL SAWCUT WALLS, FLOORS, ROOF, ETC. UNLESS OTHERWISE NOTED. REFER TO CONSTRUCTION DOCUMENTS FOR LOCATIONS, DESCRIPTIONS AND RESPONSIBILITIES.
- G.C. SHALL VERIFY ALL REMOVALS W/ OWNERS REPRESENTATIVE/OWNER, AND M.C., P.C. OR E.C. PRIOR TO COMMENCEMENT.

**NOTE:** THROUGHOUT BUILDING. BEFORE PROCEEDING WITH WORK, DISTRICT SHALL DISCONNECT/REMOVE AND STORE ALL WINDOW FANS. G.C. SHALL DO THE SAME WITH ANY WINDOW FANS THAT NEED TO MOVED IN ORDER TO COMPLETE WORK.

**PRE-ABATEMENT WORK NOTES:**

- THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONAL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH, LABEL AND MAINTAIN PROPER EXITS AND WAYS OF DEPARTURE WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.

**POST-ABATEMENT WORK NOTES:**

- THE CONTRACTOR SHALL UPON COMPLETION OF REMOVALS, PROVIDE WRITTEN DOCUMENTATION THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL HAZARDOUS MATERIALS.
- THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL HAZARDOUS MATERIALS REMOVED FROM THE SITE.

**ABATEMENT NOTES**

**A** REMOVE FROM THE AREAS INDICATED: ALL ASBESTOS CONTAINING 12"x12" FLOOR TILE, BLUE, AT ALL LOCATIONS BASED ON THIS PROJECT, LOCATED IN ROOM #202. REMOVAL SHALL BE IN COMPLIANCE WITH CODE RULE 56 AND SPECIFICATIONS.

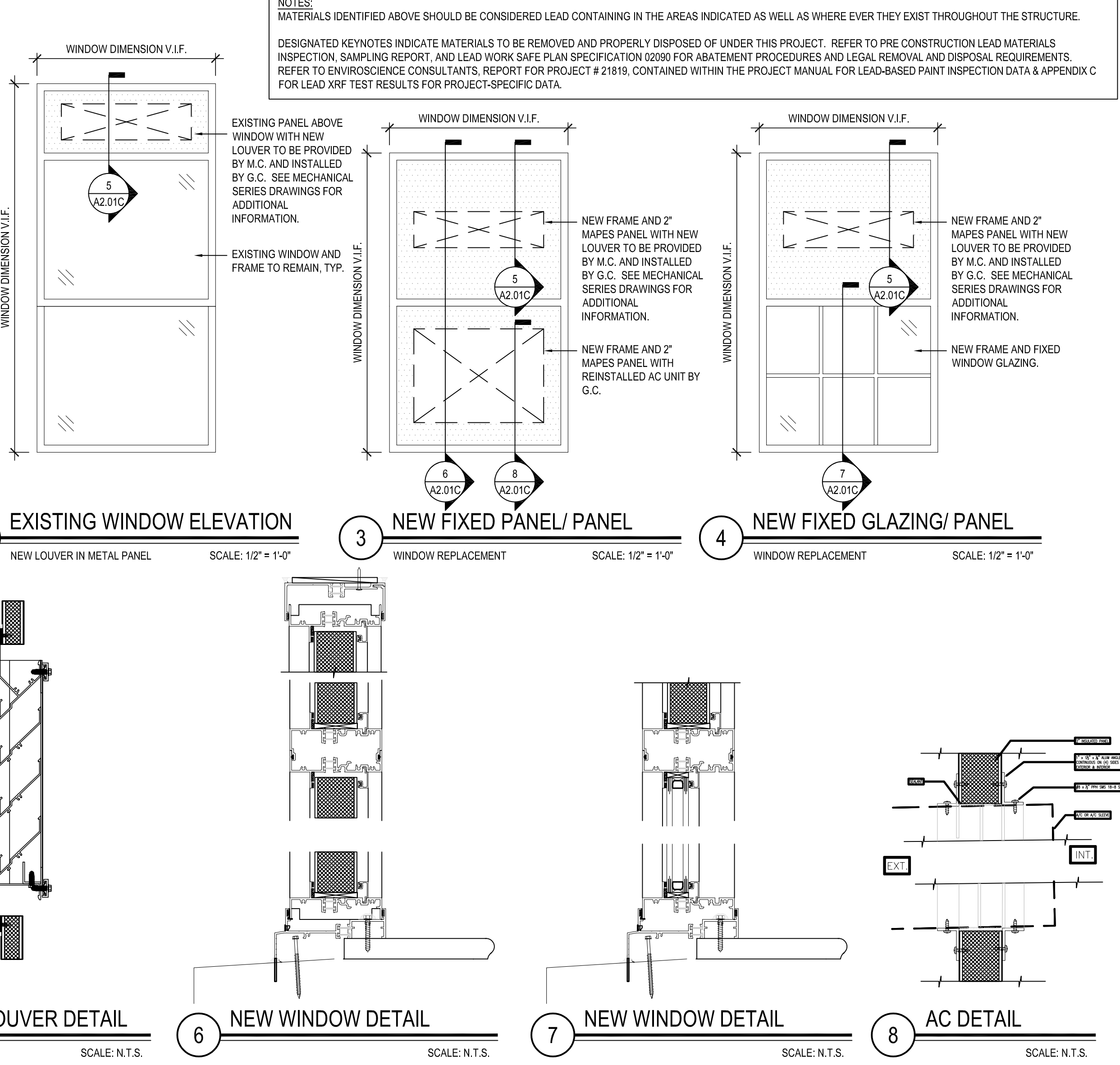
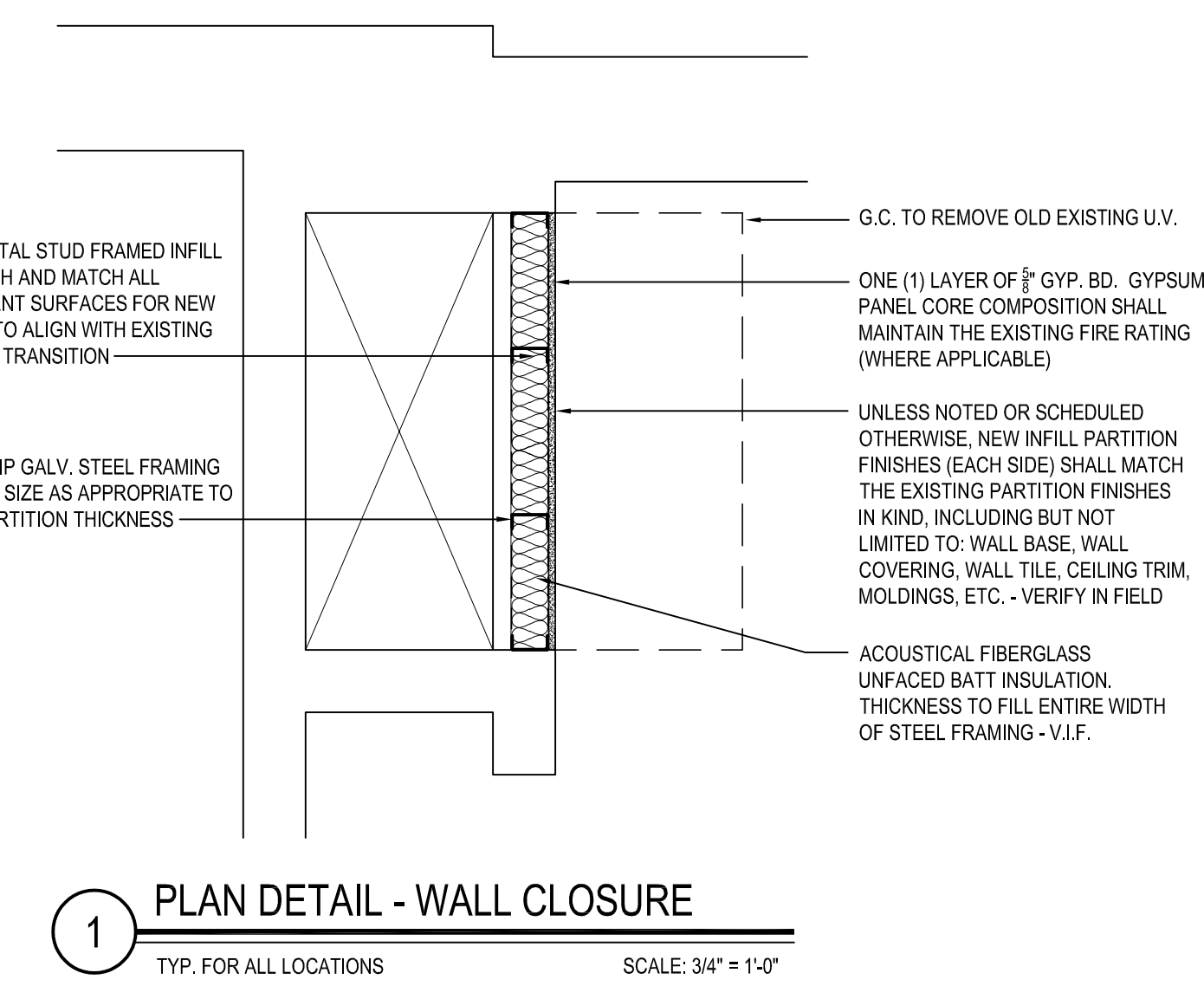
**B** REMOVE FROM THE AREAS INDICATED: ALL ASBESTOS CONTAINING 12"x12" FLOOR TILE, RED, AT ALL LOCATIONS BASED ON THIS PROJECT, LOCATED IN ROOM #202. REMOVAL SHALL BE IN COMPLIANCE WITH CODE RULE 56 AND SPECIFICATIONS.

**NOTE:** PRESUMED ASBESTOS CONTAINING PIPE INSULATION AND ASSOCIATED ELBOWS THROUGHOUT BUILDING NOT TO BE AFFECTED BY SCOPE OF WORK. REFER TO REPORT BY ENVIRONMENTAL CONSULTANTS, PROJECT #21819.

**NOTES:** REFER TO ENVIRONMENTAL CONSULTANTS, REPORT FOR PROJECT # 21819, CONTAINED WITHIN THE PROJECT MANUAL, FOR ALL PRE-CONSTRUCTION SURVEY, BULK SAMPLING AND ANALYSIS OF SUSPECTED/ASSUMED ASBESTOS CONSTRUCTION MATERIALS. G.C. TO COORDINATE WITH ENVIRONMENTAL FOR PROJECT-SPECIFIC ABATEMENT & DISPOSAL PROTOCOL REQUIRED.

**LEAD CONTAINING NOTES**

**LCM** CONTRACTOR SHALL NOTE THAT LEAD PAINT EXISTS ON EXISTING PLASTER WALLS, METAL UNIT VENTILATORS, METAL RADIATORS, BRICK WALLS, AND WOOD BASEBOARDS. LOCATIONS FOR LEAD CONTAINING MATERIALS CAN BE FOUND THROUGHOUT BUILDING BUT NOT LIMITED TO ROOMS #02, #04, #06, #08, #10, #12, #14, #16, #18, #20, #22, #24, #26, #28, #30, #32, #34, #36, #38, #40, #42, #44, #46, #48, #50, #52, #54, #56, #58, #60, #62, #64, #66, #68, #70, #72, #74, #76, #78, #80, #82, #84, #86, #88, #90, #92, #94, #96, #98, #100. REFER TO SPECIFICATIONS FOR PROTOCOL ON REMOVALS AND IMPACT ON NEW WORK SCOPE.



REV.	DATE	ITEM
02	06/21/22	BID ADD. NO. 02

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

GREENBURGH CENTRAL SCHOOL DISTRICT  
PHASE I - DISTRICT WIDE CAPITAL IMPROVEMENTS  
RICHARD J. BAILEY ELEMENTARY SCHOOL  
WHITE PLAINS, NEW YORK - WESTCHESTER COUNTY

**DWG TITLE**

MASONRY RECONSTRUCTION  
NEW UNIT VENTILATORS

**DRAWING BY:** S.E.S.  
**CHECK BY:** J.W.W.

**NOTICE**

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**SED No:** 66-04-07-06-005-012

**DISTRICT:** GREENBURGH CSD

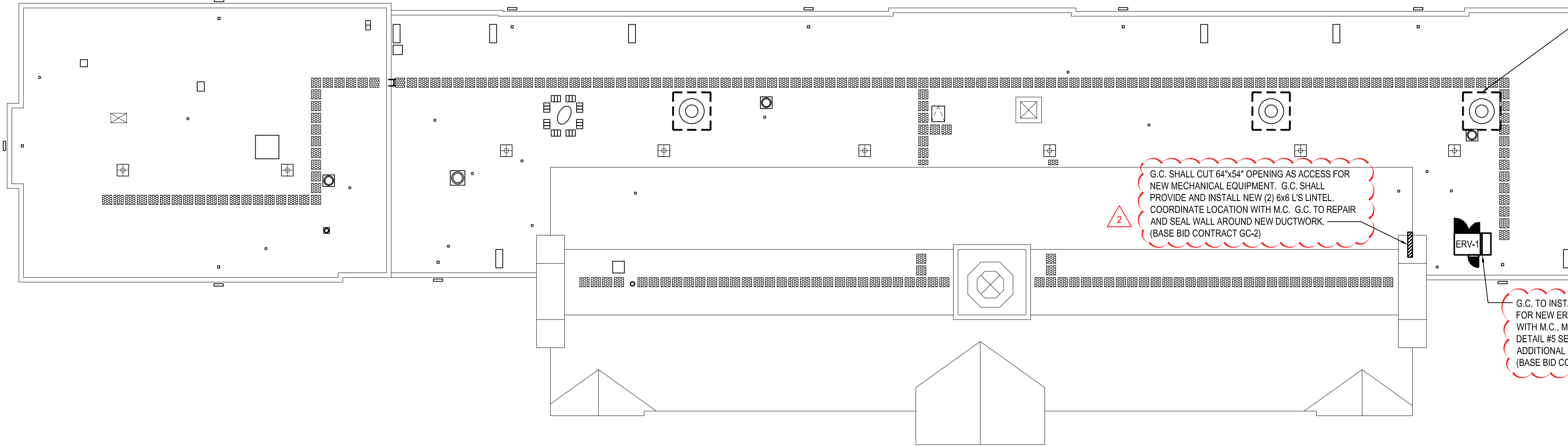
**PROJECT:** PH. I - DW CAP. IMPROVEMENTS  
R.J. BAILEY E.S.

**DWG TITLE:** MASONRY RECONSTRUCTION  
NEW UNIT VENTILATORS

**SCALE:** AS NOTED  
**DATE:** MAY 2022  
**BID PICK-UP:** MAY 27, 2022  
**FILE No:** 21-290

**A2.01C**

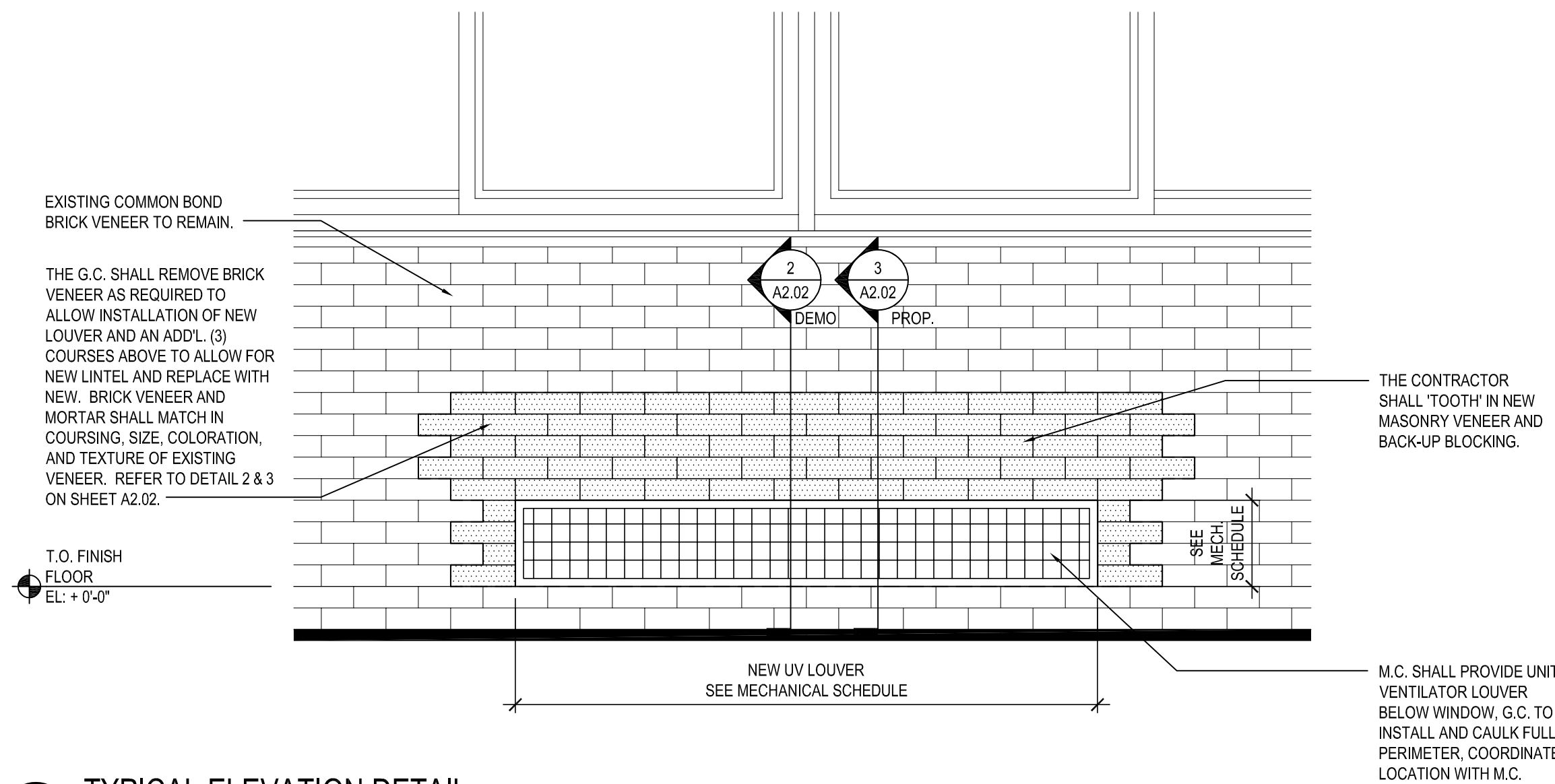




PROPOSED ROOF KEY PLAN

NOTE:

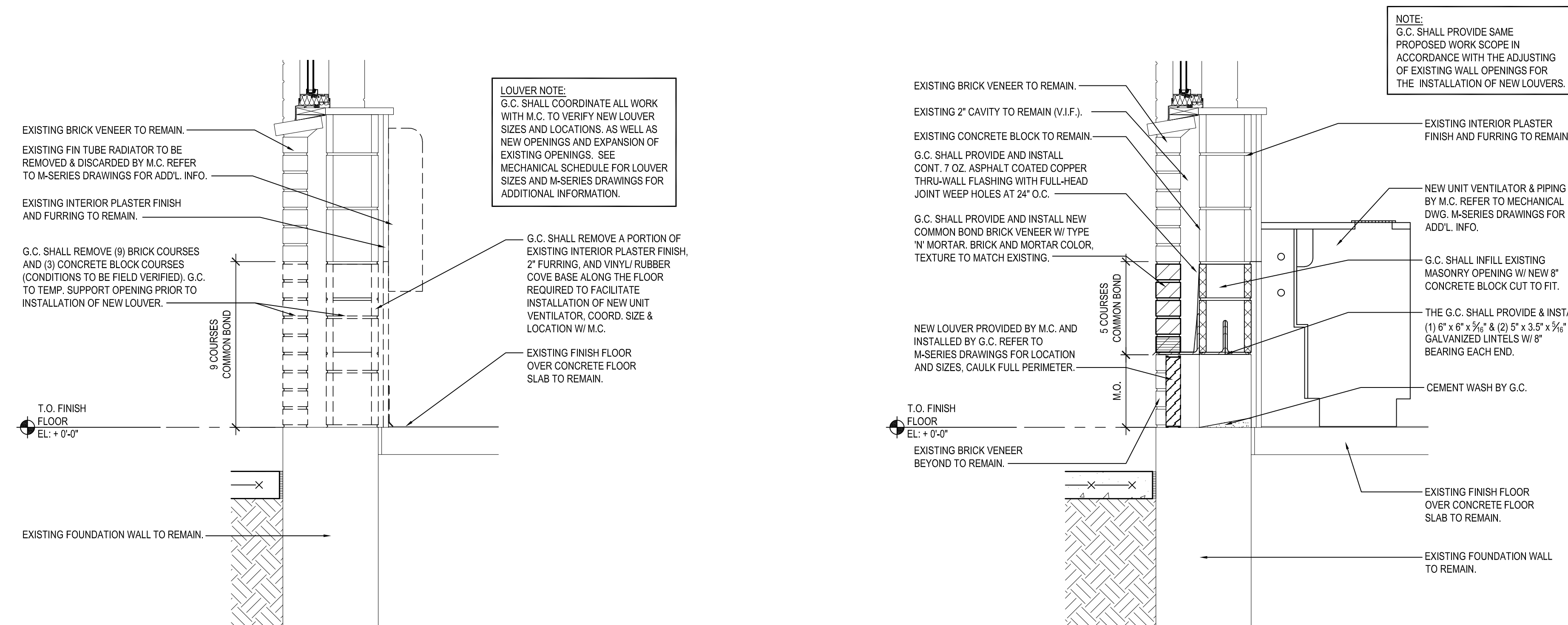
SCALE: 1/16" = 1'-0"



1 TYPICAL ELEVATION DETAIL

G.C. TO COORDINATE SIZE AND LOCATION OF LOUVER OPENINGS WITH M.C.

SCALE: 3/4" = 1'-0"



2 SECTION DETAIL

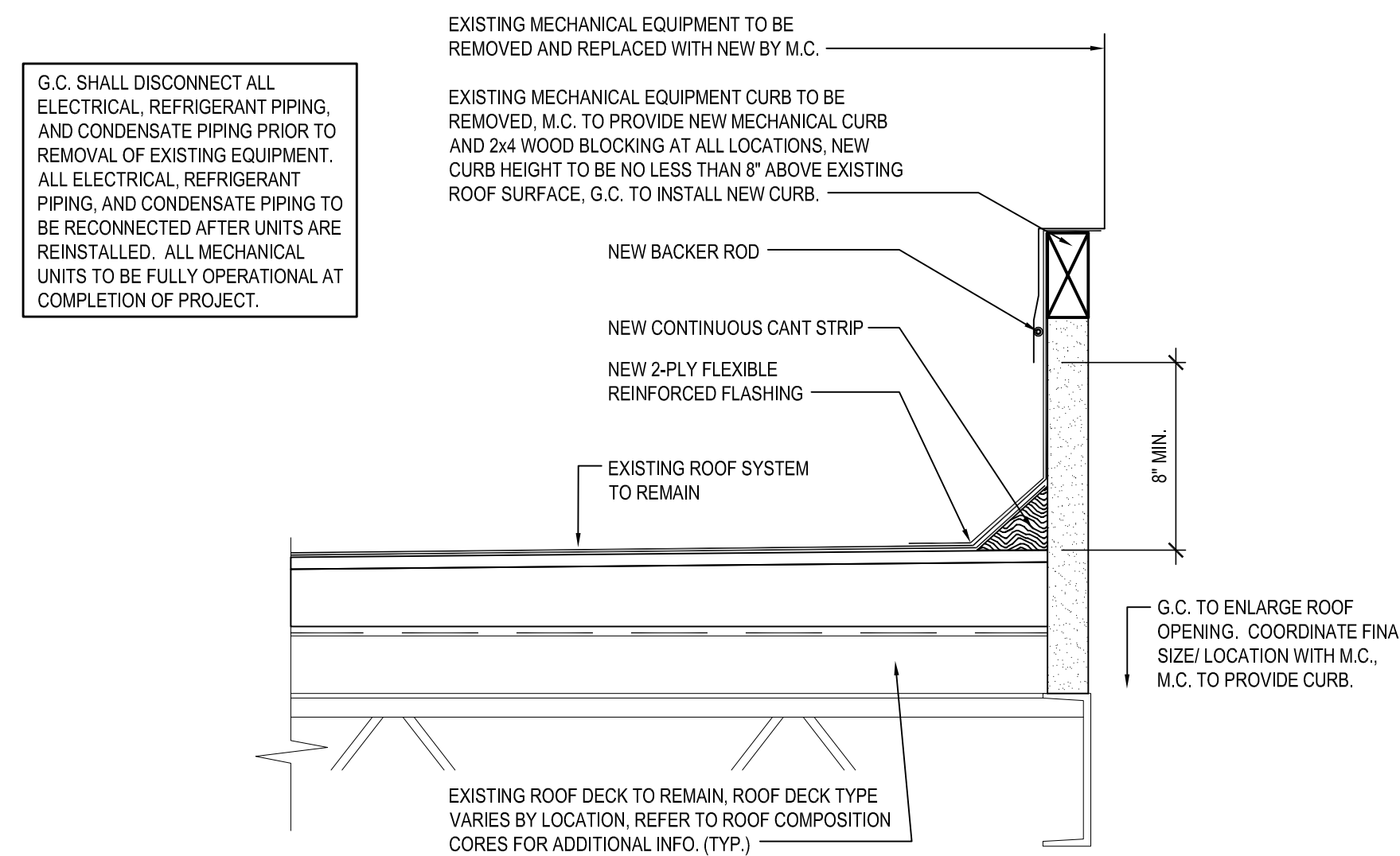
DEMO

SCALE: 1" = 1'-0"

3 SECTION DETAIL

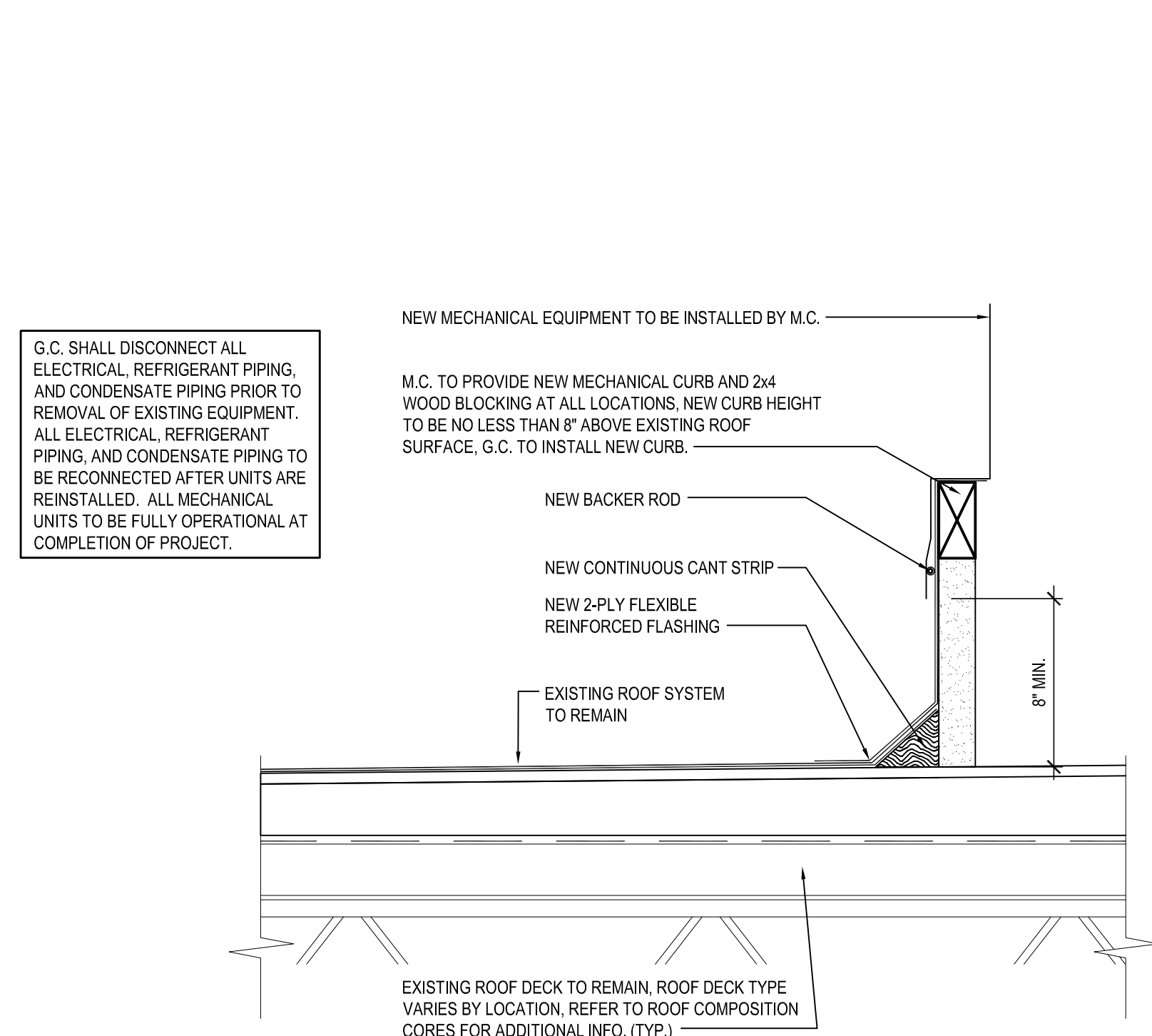
PROPOSED

SCALE: 1" = 1'-0"



4 TYPICAL EQUIPMENT CURB DETAIL

SCALE: 1-1/2" = 1'-0"



5 TYPICAL EQUIPMENT CURB DETAIL

SCALE: 1-1/2" = 1'-0"

REV.	DATE	ITEM
02	06/21/22	BID ADD. NO. 02

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KEY PLAN

NOT TO SCALE

PROJECT

GREENBURGH CENTRAL SCHOOL DISTRICT  
PHASE I - DISTRICT WIDE CAPITAL IMPROVEMENTS  
RICHARD J. BAILEY ELEMENTARY SCHOOL  
WHITE PLAINS, NEW YORK - WESTCHESTER COUNTY

DWG TITLE

PROPOSED ROOF PLAN AND DETAILS  
NEW UNIT VENTILATORS

DRAWING BY: S.E.S.  
CHECK BY: J.W.W.

NOTICE

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SED No: 66-04-07-06-0-005-012

DISTRICT: GREENBURGH CSD

PROJECT: PH. I - DW CAP. IMPROVEMENTS  
R.J. BAILEY E.S.

DWG TITLE: PROPOSED ROOF PLAN  
NEW UNIT VENTILATORS

SCALE: AS NOTED  
DATE: MAY 2022  
BID PICK-UP: MAY 27, 2022  
FILE No: 21-290

A2.02C

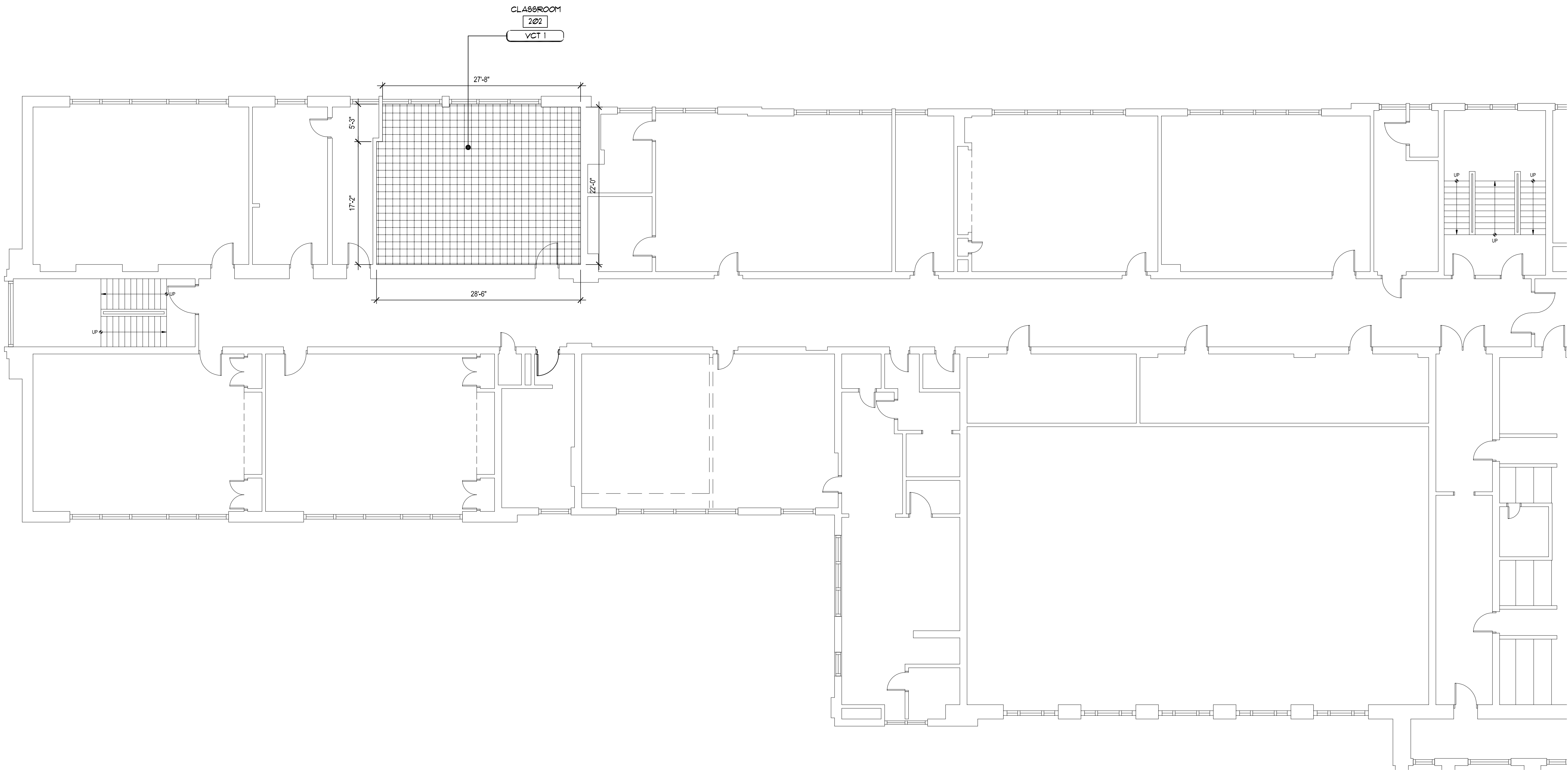


ABBREVIATIONS			
A.C.T. . . . . ACOUSTIC CEILING TILE	C.TILE . . . . . CARPET TILE	G.T.W. . . . . GLAZED TILE WAINSCOT	R.T. . . . . RUBBER TILE
CARP. . . . . CARPET	C.W.T. . . . . CERAMIC WALL TILE	GYP. . . . . GYPSUM BOARD	TERR. . . . . TERRAZZO/TERRAZZO BASE
C.F.T. . . . . CERAMIC FLOOR TILE	EPOXY. . . . . EPOXY TERRAZZO	VINYL. . . . . SLIP-RESISTANT SHEET VINYL	VCT. . . . . VINYL COMPOSITION TILE
C.M.U. . . . . CONC. MASONRY UNIT	VETI. . . . . VINYL ENHANCED TILE	R.C.B. . . . . RUBBER COVE BASE	VINYL. . . . . SLIP-RESISTANT FLOORING
CTC.B. . . . . CERAMIC TILE COVE BASE	GCMU. . . . . GLAZED CONC. MASONRY UNIT	R.F. . . . . RUBBER FLOORING	W.D. . . . . WOOD

\* BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS,

SECOND FLOOR FINISH SCHEDULE

NO.	LOCATION	FLOOR TYPE	BASE TYPE	WALLS TYPE	CEILING TYPE	REMARKS	NO.
202	CLASSROOM	VCT 1	RCB 1	EXIST. TO REMAIN	EXIST. TO REMAIN		202



FINISH NOTES:

- 1) ALL FINISHED TYPES (STYLE/COLOR/PATTERN) SHALL BE OFF THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL FINAL STYLE / COLOR / PATTERN TO BE SELECTED BY ARCHITECT.
- 2) G.C. SHALL PREP/PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY M.C.) COLOR AS SELECTED BY ARCHITECT.
- 3) REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
- 4) SHOULD ANY FINISH MATERIALS BE DISCONTINUED BY MANUFACTURER, G.C. MUST REPLACE WITH CLOSEST MATCH AT NO ADDITIONAL COST, AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
- 5) AT ROOMS HAVING EXISTING FLOOR TILE REMOVED/ABATED, CONTRACTOR SHALL PROVIDE AND INSTALL FLOOR PATCH (PLAN/PATCH PLUS) BY MAPEI OR APPROVED EQUAL OVER ENTIRE EXISTING SUBSTRATE AND/OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS AND AS SPECIFIED FOR INSTALLATION OF NEW VCT, AND/OR CARPET OR EXPOSED CONCRETE AS SPECIFIED ON FINISH SCHEDULE.
- 6) G.C. SHALL PREP, PRIME & PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED FINISH WITH BENJAMIN MOORE LATEX EGGSHELL - COLOR: INTERIOR READY MIXED WHITE.
- 7) REFER TO FINISH FLOOR PLANS FOR TILE PATTERNS - THE TILE PATTERNS MAY NOT REPRESENT THE FINAL PATTERNS TO BE DESIGNED, INSTALLED & TURNED OVER TO OWNER, THE BID SHALL BE BASED ON THE TILE MIX & PERCENTAGES, AS INDICATED IN THE PROJECT MANUAL.
- 8) ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.

FLOOR TYPES

SYMBOL	DESCRIPTION
VCT 1:	12"x12"x1/8" VINYL COMPOSITION TILE AS MANUFACTURED BY MANNINGTON OR APPROVED EQUAL.

BASE TYPES

TYPE RCB 1:	4" RUBBER COVE BASE AS MANUFACTURED BY ROMPE OR EQUAL COLOR BY OWNER
-------------	--

NOTES:

1. GENERAL CONTRACTOR SHALL PATCH ALL AREAS OF FLOOR DAMAGED BY THE REMOVAL OF MASTIC.
2. GENERAL CONTRACTOR SHALL FLASH PATCH ALL FLOORS IN THEIR ENTIRETY (WHERE MASTIC REMOVAL HAS OCCURRED WITH (PLAN/PATCH PLUS) BY MAPEI OR ARCHITECT APPROVED EQUAL.
3. GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. PRIOR TO INSTALLATION OF NEW FLOORING.
4. ALL NEW FLOORING TO BE INSTALLED THROUGHOUT ENTIRE FLOOR AREA AS SHOWN UNLESS OTHERWISE NOTED.

G.C. SHALL VERIFY ALL DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK.

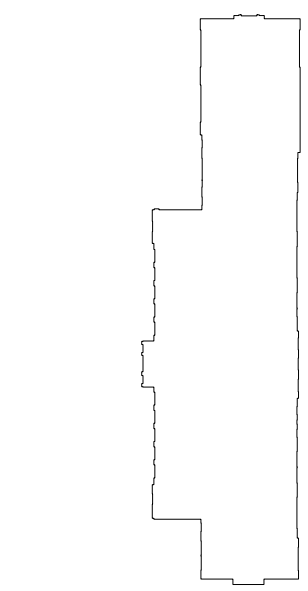
SECOND FLOOR FINISH PLAN

SCALE: 1/8" = 1'-0"

REV.	DATE	ITEM
02	06/20/22	BID ADD. NO. 02

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KEY PLAN

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PHASE I - DISTRICT WIDE CAPITAL IMPROVEMENTS  
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WHITE PLAINS, NEW YORK - WESTCHESTER COUNTY

PROJECT

DRAWING BY:	S.E.S.
CHECK BY:	J.W.W.

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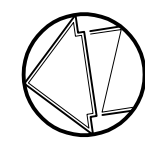
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DISTRICT	GREENBURGH CSD
PROJECT	PH. I - DW CAP. IMPROVEMENTS R.J. BAILEY E.S.
DWG TITLE	SECOND FLOOR FINISH FLOOR PLAN & NOTES
SCALE:	AS NOTED
DATE:	MAY 2022
BID PICK-UP:	MAY 27, 2022
FILE No:	21-200

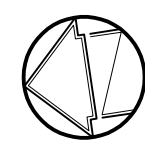
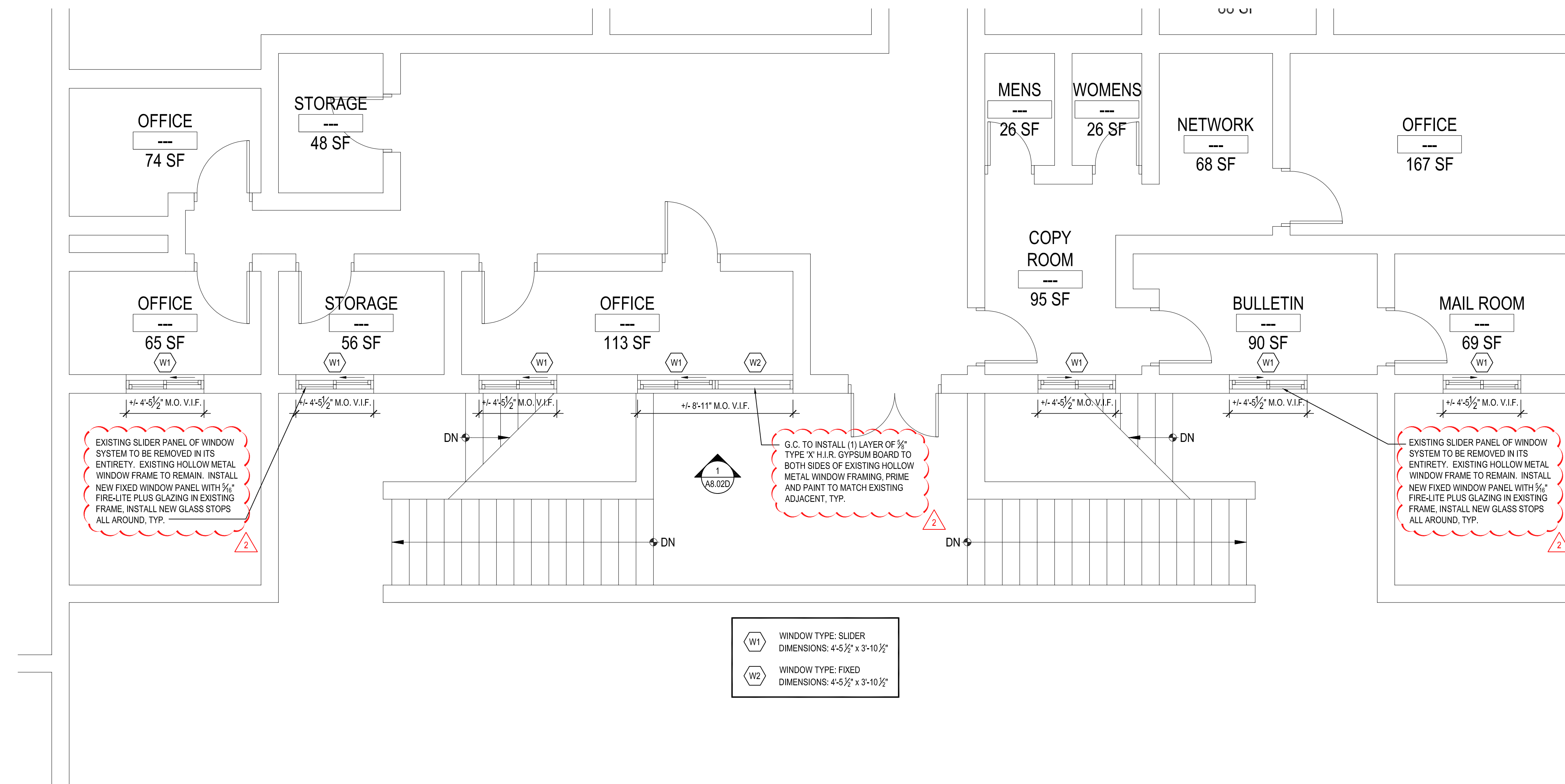
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INTERIOR WINDOW REPLACEMENT SECOND FLOOR KEY PLAN

SCALE: 1/32" = 1'-0"

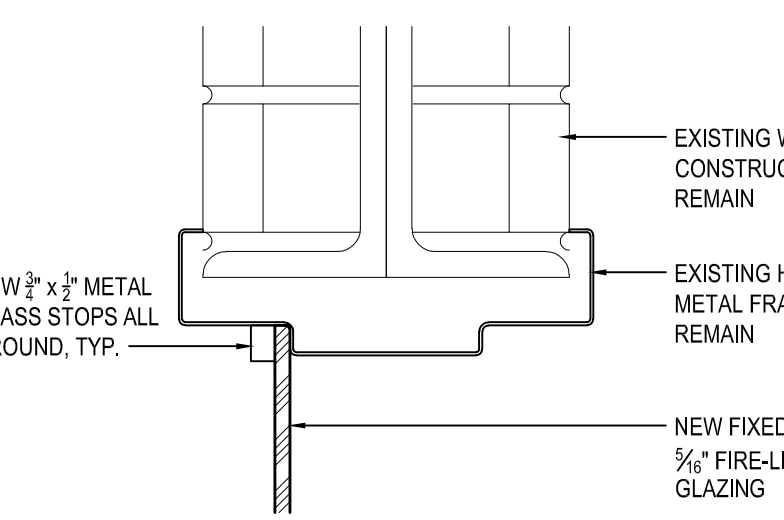


ENLARGED PROPOSED INTERIOR WINDOW REPLACEMENT PLAN

SCALE: 1/4" = 1'-0"

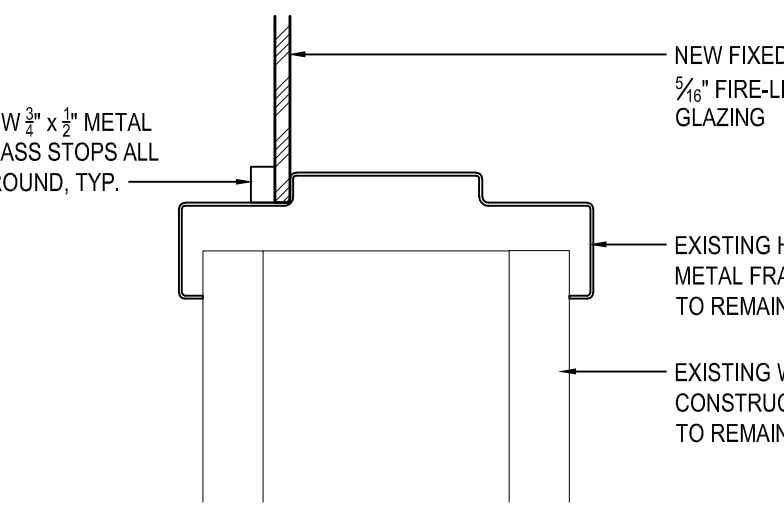
1 TYPICAL WINDOW REPLACEMENT ELEVATION

SCALE: 1/4" = 1'-0"



2 TYPICAL HEAD DETAIL

SCALE: 3" = 1'-0"

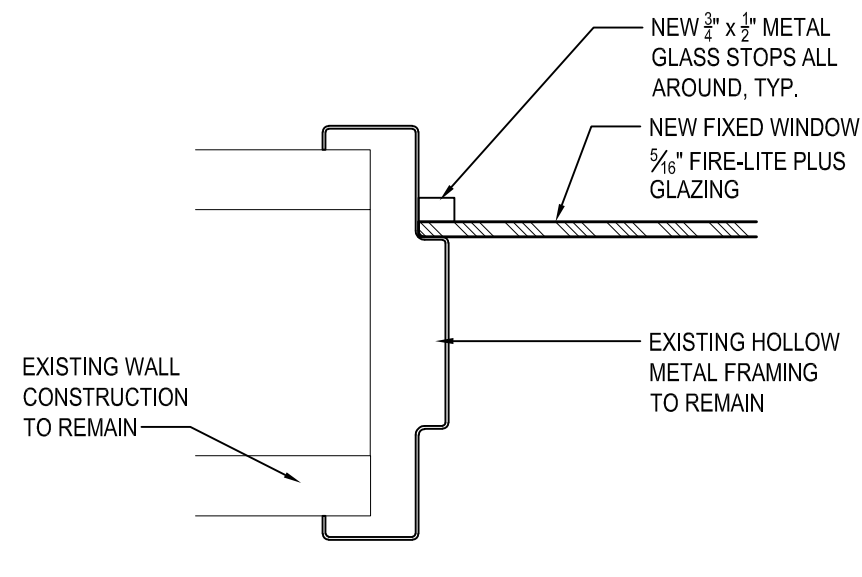


3 TYPICAL SILL DETAIL

SCALE: 3" = 1'-0"

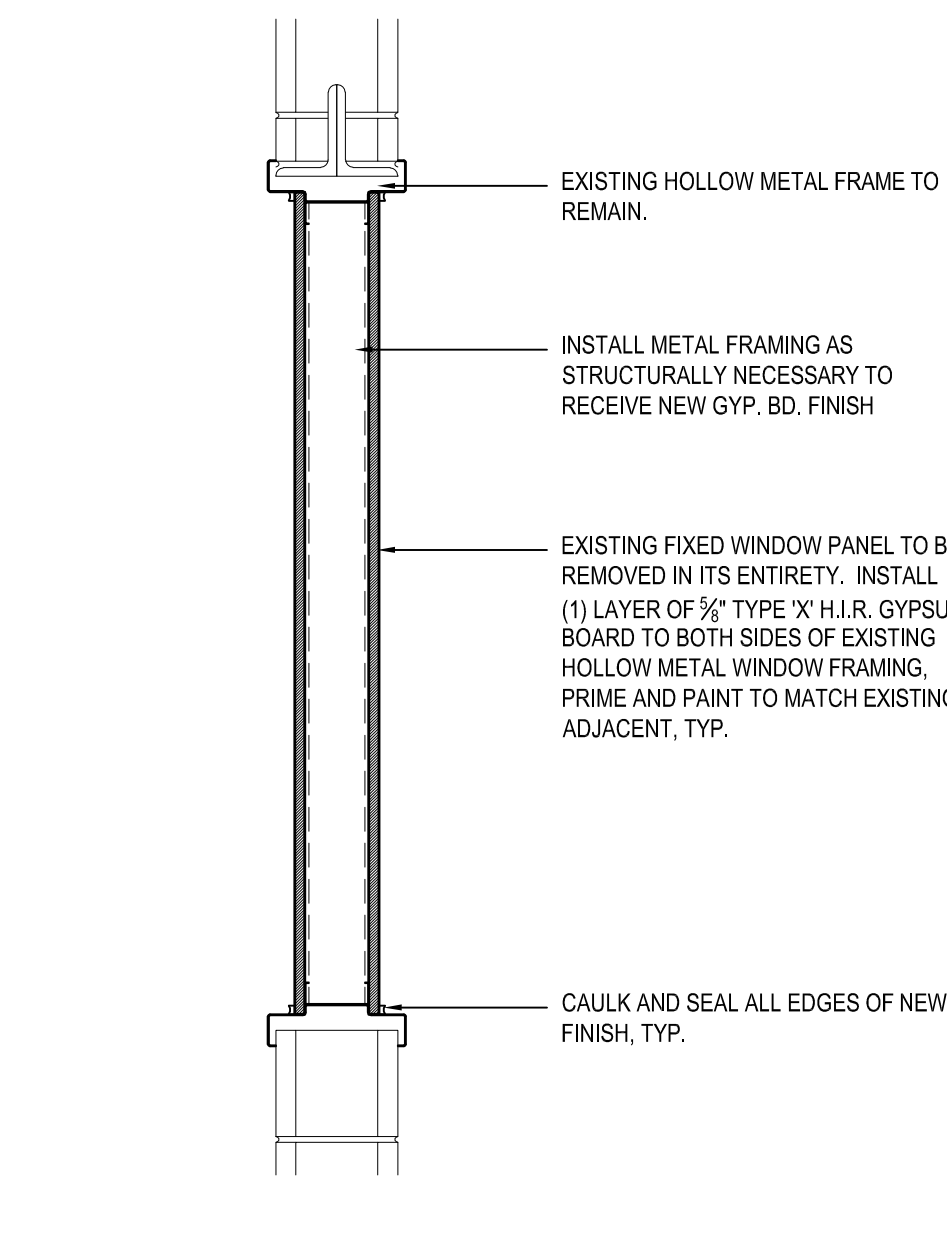
4 TYPICAL JAMB DETAIL

SCALE: 3" = 1'-0"



5 WINDOW REPLACEMENT SECTION

SCALE: 1" = 1'-0"



PRE-ABATEMENT WORK NOTES:

1. THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONAL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH, LABEL AND MAINTAIN PROPER EXITS AND WAYS OF DEPARTURE WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.

POST-ABATEMENT WORK NOTES:

1. THE CONTRACTOR SHALL, UPON COMPLETION OF REMOVALS, PROVIDE WRITTEN DOCUMENTATION THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL HAZARDOUS MATERIALS.  
2. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL HAZARDOUS MATERIALS REMOVED FROM THE SITE.

ABATEMENT NOTES

- (A) REMOVE FROM THE AREAS INDICATED: ALL ASBESTOS CONTAINING ELBOWS TO FIBERGLASS PIPE INSULATION WITH CANVAS WRAP. AT ALL LOCATIONS BASED ON THIS PROJECT, LOCATED IN MECHANICAL ROOMS. REMOVAL SHALL BE IN COMPLIANCE WITH CODE RULE 56 AND SPECIFICATIONS.
- (B) REMOVE FROM THE AREAS INDICATED: ALL ASBESTOS CONTAINING ELBOWS TO FIBERGLASS PIPE INSULATION WITH TAR CONTAINING WRAP. AT ALL LOCATIONS BASED ON THIS PROJECT, LOCATED IN MECHANICAL ROOMS. REMOVAL SHALL BE IN COMPLIANCE WITH CODE RULE 56 AND SPECIFICATIONS.
- (C) REMOVE FROM THE AREAS INDICATED: ALL ASBESTOS CONTAINING DUCT INSULATION, AT ALL LOCATIONS BASED ON THIS PROJECT, LOCATED IN CAFETERIA/MECHANICAL ROOM #1. REMOVAL SHALL BE IN COMPLIANCE WITH CODE RULE 56 AND SPECIFICATIONS.

NOTES:

REFER TO ENVIRONMENTAL CONSULTANTS, REPORT FOR PROJECT # 21819, CONTAINED WITHIN THE PROJECT MANUAL, FOR ALL PRECONSTRUCTION SURVEY, BULK SAMPLING AND ANALYSIS OF SUSPECT/ASSUMED ASBESTOS CONSTRUCTION MATERIALS. G.C. TO COORDINATE WITH ENVIRONMENTAL FOR PROJECT-SPECIFIC ABATEMENT & DISPOSAL PROTOCOL REQUIRED.

LEAD CONTAINING NOTES

NONE OF THE BUILDING MATERIALS AFFECTED BY THE SCOPE OF WORK WERE FOUND TO BE LEAD CONTAINING. PLEASE SEE TEST RESULTS AND REPORT BY ENVIRONMENTAL CONSULTANTS, REPORT FOR PROJECT # 21819, CONTAINED WITHIN THE PROJECT MANUAL, FOR ALL PRECONSTRUCTION SURVEY, BULK SAMPLING AND ANALYSIS OF SUSPECT/ASSUMED LEAD CONTAINING CONSTRUCTION MATERIALS.

GENERAL PARTITION TYPE NOTES:

- ALL PARTITIONS SHALL EXTEND TO UNDERSIDE OF A FLOOR SLAB OR ROOF DECK UNLESS OTHERWISE NOTED.
- AT ALL PARTITIONS THAT ARE DESIGNATED TO BE FIRE RATED PARTITIONS, PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT AT TOPS OF PARTITIONS; AT ALL PENETRATIONS THROUGH RATED PARTITIONS, AND FIRE SHIELD JOINT FILLER AT PARTITION TO SLAB/DECK JUNCTION.
- REFER TO CODE COMPLIANCE DRAWINGS FOR LOCATIONS OF ALL FIRE RATED PARTITIONS/ASSEMBLIES AND ADDITIONAL FIRE RATING INFORMATION.
- ALL PARTITIONS SHALL BE FINISHED AS SCHEDULED. ALL FINISHES SHALL BE CONTINUOUS AT ALL PARTITION FACES UNLESS NOTED OTHERWISE. REFER TO A9-SERIES FOR ADDITIONAL FINISH INFORMATION.
- ALL NEW PARTITIONS SHALL BE PREPARED, PRIMED AND PAINTED, PER SPECIFICATION SECTION 09600.
- REFER TO THE PROJECT MANUAL FOR CONTROL AND EXPANSION JOINT REQUIREMENTS FOR ALL MASONRY WALL CONSTRUCTION, GYP. BD. WALL CONSTRUCTION, GYP. BD. LAMINATION, AND PLASTER SURFACING.
- REFER TO SPECIFICATIONS FOR GYPSUM BOARD TYPE DESIGNATIONS AND APPLICABLE LOCATIONS (GYP. BD. TYPE I / TYPE II).
- WHERE METAL STUD FRAMED PARTITIONS ARE SCHEDULED TO RECEIVE NEW TILE FINISHES; THE CONTRACTOR SHALL MAINTAIN AND MATCH THE EXISTING PARTITION'S FIRE RATINGS FOR CONTINUITY OF FIRE AND SMOKE PROTECTION - CONTRACTOR TO VERIFY IN FIELD (1-HR MIN. RATING AT CORRIDORS). REFER TO CODE COMPLIANCE DRAWINGS FOR ADDITIONAL INFORMATION.
- ALL NEW OPENINGS IN METAL STUD PARTITIONS, INCLUDING BUT NOT LIMITED TO DOORS AND WINDOWS, SHALL RECEIVE THE APPROPRIATE HEADER AS DESIGNED BY THE LIGHT GAUGE FRAMING MANUFACTURER.
- WHERE EXISTING OPENINGS IN EXISTING PARTITIONS ARE SCHEDULED TO BE INFILLED, THE NEW INFILL CONSTRUCTION SHALL MAINTAIN AND MATCH THE EXISTING PARTITION'S FIRE RATINGS FOR CONTINUITY OF FIRE AND SMOKE PROTECTION - CONTRACTOR TO VERIFY IN FIELD (1-HR MIN. RATING AT CORRIDORS). REFER TO CODE COMPLIANCE DRAWINGS FOR ADDITIONAL INFORMATION.
- AT ALL LOCATIONS WHERE EXISTING PARTITIONS ARE SCHEDULED TO BE PATCHED OR INFILLED, ALL NEW CONSTRUCTION FINISHES SHALL MATCH THE EXISTING ADJACENT SURFACES IN KIND - CONTRACTOR TO V.I.F.
- AT ALL LOCATIONS WHERE NEW WORK IS SCHEDULED, THE CONTRACTOR SHALL PROVIDE SOLID BLOCKING, LATERAL BRACING, AND ADDITIONAL FRAMING AS REQUIRED TO SECURE NEW PARTITIONS TO THE STRUCTURE ABOVE AND TO ACCOMMODATE ALL NEW WALL MOUNTED FIXTURES, ACCESSORIES, EQUIPMENT, ETC.
- WHERE PARTITION TYPES ARE NOT SPECIFICALLY IDENTIFIED IN PLAN, IT IS THE INTENT THAT THE GRAPHICALLY INDICATED WALL TYPE SHALL BE CONTIGUOUS UNTIL INTERRUPTED BY ANOTHER SPECIFIED WALL TYPE.

PAINT TYPES

TYPE P1: PAINT BY SHERWIN WILLIAMS, DTM ALKOY SEMI-GLOSS ENAMEL, COLOR: TO BE SELECTED BY ARCHITECT (H.M. WINDOW FRAMES).

NOTE:

ALL DIMENSIONS GIVEN ARE +/- AND ARE TO BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION OF NEW PANELS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL BY ARCHITECT PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.

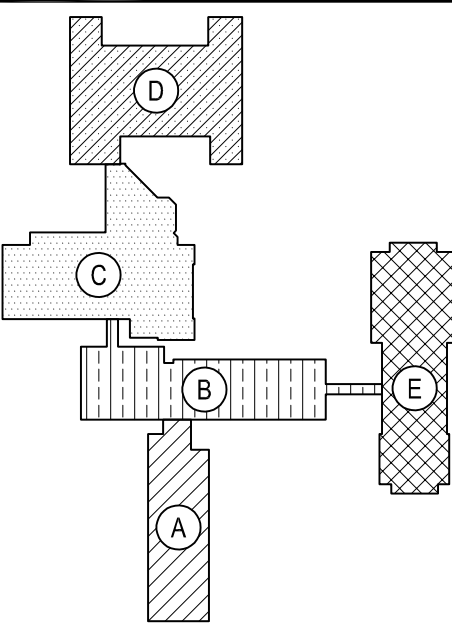
DEMOLITION and REMOVAL NOTES

- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVALS, UNLESS NOTED OTHERWISE. MECHANICAL PLUMBING AND ELECTRICAL CONTRACTORS SHALL BE RESPONSIBLE FOR ALL DISCONNECTS. G.C. TO COORDINATE DEMOLITION WITH M.C., P.C., AND E.C. REFER TO M.E.P. SERIES DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION AND DEMOLITION SCOPE BY GENERAL CONTRACTOR NOT SHOWN THIS DRAWING. TYPICAL FOR ALL AREAS OF INTERIOR DEMOLITION AND/OR RECONSTRUCTION.
- ALL OPENINGS IN EXISTING INTERIOR AND EXTERIOR WALLS SHALL BE PATCHED AS REQUIRED AND MASONRY TOOTHED-IN TO MATCH ADJACENT.
- G.C. SHALL PATCH, REPLACE, OR REPAIR DAMAGE CAUSED TO EXIST. FLOOR, WALLS, ROOF, ETC. SHOWN TO REMAIN AS A RESULT OF DEMOLITION TO PRIOR CONDITION OR MATCH ADJACENT NEW CONSTRUCTION.
- G.C. SHALL VERIFY ALL REMOVALS WITH OWNERS REPRESENTATIVE/OWNER, AND M.C., P.C., OR E.C. PRIOR TO COMMENCEMENT.
- NOTED WALL REMOVALS SHALL INCLUDE ALL DOORS, WINDOWS AND FRAMES WHERE SHOWN.

REV.	DATE	ITEM
02	06/20/22	BID ADD. NO. 02

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KEY PLAN

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GREENBURGH CENTRAL SCHOOL DISTRICT  
PHASE I - DISTRICT WIDE CAPITAL IMPROVEMENTS  
WOODLANDS MIDDLE/ HIGH SCHOOL  
HARTSDALE, NEW YORK - WESTCHESTER COUNTY

PROJECT  
DRAWING BY: S.E.S.  
CHECK BY: J.W.W.

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SED No:

66-04-07-06-0-007-022

DISTRICT:

GREENBURGH CSD

PROJECT:

PH I - DW CAP IMPROVEMENTS  
WOODLANDS M.S.H.S.

DWG TITLE:

DEMO AND PROPOSED  
WINDOW REPLACEMENTS

SCALE:

AS NOTED

DATE:

MAY 2022

BID PICK-UP:

MAY 27, 2022

FILE No:

21-291

A8.02D



## DEMOLITION and REMOVAL NOTES

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVALS, UNLESS NOTED OTHERWISE. MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS SHALL BE RESPONSIBLE FOR ALL DISCONNECTS, G.C. TO COORDINATE DEMOLITION WITH M.C., P.C., AND E.C. REFER TO M.E.P. SERIES DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION AND DEMOLITION SCOPE BY GENERAL CONTRACTOR. NOT SHOWN THIS DRAWING, TYPICAL FOR ALL AREAS OF INTERIOR DEMOLITION AND/OR RECONSTRUCTION.
2. ALL OPENINGS IN EXISTING INTERIOR AND EXTERIOR WALLS SHALL BE PATCHED AS REQUIRED AND MASONRY TOOTHED-IN TO MATCH ADJACENT.
3. G.C. SHALL PATCH, REPLACE, OR REPAIR DAMAGE CAUSED TO EXIST. FLOOR, WALLS, ROOF, ETC. SHOWN TO REMAIN AS A RESULT OF DEMOLITION TO PRIOR CONDITION OR MATCH ADJACENT NEW CONSTRUCTION.
4. G.C. SHALL VERIFY ALL REMOVALS W/ OWNERS REPRESENTATIVE/OWNER, AND M.C., P.C., OR E.C. PRIOR TO COMMENCEMENT.

## LEAD CONTAINING NOTES

CONTRACTOR SHALL NOTE THAT LEAD PAINT EXISTS ON EXISTING WOOD WINDOW FRAMES, PLASTER WALLS, WOOD WINDOW STOODS, WOOD PANEL, TO FIRE ALARM, WOOD WALLS, WOOD DOOR FRAMES, METAL WINDOW SASH, METAL WINDOW FRAMES, AND PLASTER CEILING. LOCATIONS FOR LEAD CONTAINING MATERIALS CAN BE FOUND THROUGHOUT BUILDING BUT NOT LIMITED TO CLASSROOMS #001, #002, #002A, #002B, #003, #004, TOILET B, & TOILET D. REFER TO SPECIFICATIONS FOR PROTOCOL ON REMOVALS AND IMPACT ON NEW WORK SCOPE.

NOTES:  
MATERIALS IDENTIFIED ABOVE SHOULD BE CONSIDERED LEAD CONTAINING IN THE AREAS IDENTIFIED AS WELL AS WHERE EVER THEY EXIST THROUGHOUT THE STRUCTURE.

DESIGNATED KEYNOTES INDICATE MATERIALS TO BE REMOVED AND PROPERLY DISPOSED OF UNDER THIS PROJECT. REFER TO PRE-CONSTRUCTION LEAD MATERIALS INSPECTION, SAMPLING REPORT, AND LEAD WORK SAFE PLAN SPECIFICATION 02090 FOR ABATEMENT PROCEDURES AND LEGAL REMOVAL AND DISPOSAL REQUIREMENTS. REFER TO ENVIRONMENTAL CONSULTANTS' REPORT FOR PROJECT #21819, CONTAINED WITHIN THE PROJECT MANUAL FOR LEAD-BASED PAINT INSPECTION DATA & APPENDIX C FOR LEAD XRF TEST RESULTS FOR PROJECT-SPECIFIC DATA.

## PRE-ABATEMENT WORK NOTES:

1. THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONAL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH LABEL AND MAINTAIN PROPER EXITS AND WAYS OF DEPARTURE WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.

## POST-ABATEMENT WORK NOTES:

1. THE CONTRACTOR SHALL, UPON COMPLETION OF REMOVALS, PROVIDE WRITTEN DOCUMENTATION THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL HAZARDOUS MATERIALS.
2. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL HAZARDOUS MATERIALS REMOVED FROM THE SITE.

## ABATEMENT NOTES

- (A) REMOVE FROM THE AREAS INDICATED: ALL ASBESTOS CONTAINING 9"x9" FLOOR TILE, RED, AND MASTIC, AT ALL LOCATIONS BASED ON THIS PROJECT, LOCATED IN CLASSROOM #002B. REMOVAL SHALL BE IN COMPLIANCE WITH CODE RULE 56 AND SPECIFICATIONS.
- (B) REMOVE FROM THE AREAS INDICATED: ALL PRESUMED ASBESTOS CONTAINING 9"x9" FLOOR TILE, BLUE, AND MASTIC, AT ALL LOCATIONS BASED ON THIS PROJECT, LOCATED IN CLASSROOMS #002 & #002A. REMOVAL SHALL BE IN COMPLIANCE WITH CODE RULE 56 AND SPECIFICATIONS.
- (C) REMOVE FROM THE AREAS INDICATED: ALL PRESUMED ASBESTOS CONTAINING 9"x9" FLOOR TILE, WHITE, AND MASTIC, AT ALL LOCATIONS BASED ON THIS PROJECT, LOCATED IN CLASSROOMS #002 & #002A. REMOVAL SHALL BE IN COMPLIANCE WITH CODE RULE 56 AND SPECIFICATIONS.

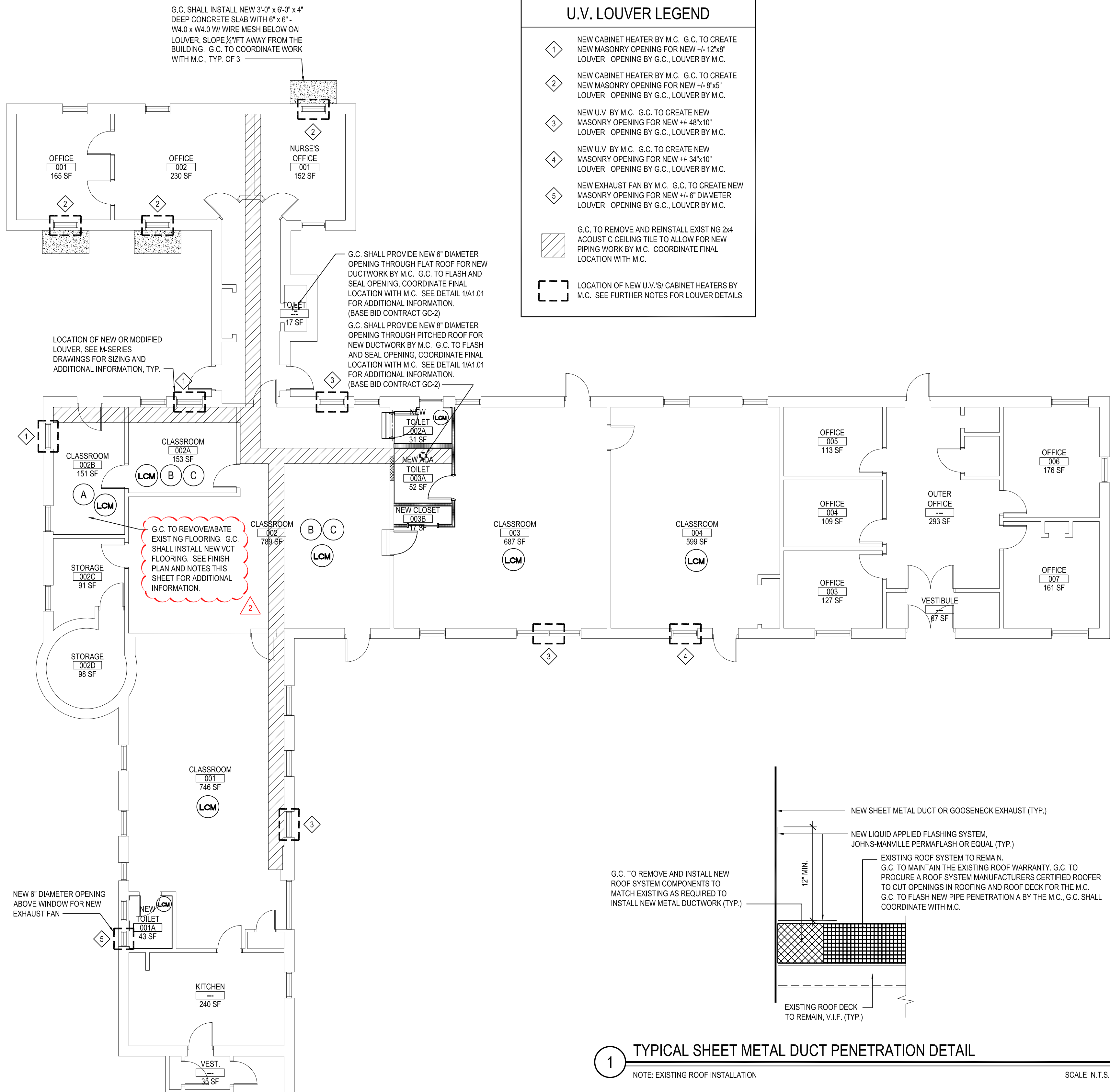
NOTES:  
REFER TO ENVIRONMENTAL CONSULTANTS' REPORT FOR PROJECT #21819, CONTAINED WITHIN THE PROJECT MANUAL, FOR ALL PRE-CONSTRUCTION SURVEY, BULK SAMPLING AND ANALYSIS OF SUSPECT/ASSUMED ASBESTOS CONSTRUCTION MATERIALS. G.C. TO COORDINATE WITH ENVIRONMENTAL FOR PROJECT-SPECIFIC ABATEMENT & DISPOSAL PROTOCOL, REQUIRED.

## U.V. LOUVER LEGEND

1. NEW CABINET HEATER BY M.C. G.C. TO CREATE NEW MASONRY OPENING FOR NEW 4" x 12" LOUVER. OPENING BY G.C., LOUVER BY M.C.
2. NEW CABINET HEATER BY M.C. G.C. TO CREATE NEW MASONRY OPENING FOR NEW 4" x 8" LOUVER. OPENING BY G.C., LOUVER BY M.C.
3. NEW U.V. BY M.C. G.C. TO CREATE NEW MASONRY OPENING FOR NEW 4" x 8" LOUVER. OPENING BY G.C., LOUVER BY M.C.
4. NEW U.V. BY M.C. G.C. TO CREATE NEW MASONRY OPENING FOR NEW 4" x 8" LOUVER. OPENING BY G.C., LOUVER BY M.C.
5. NEW EXHAUST FAN BY M.C. G.C. TO CREATE NEW MASONRY OPENING FOR NEW 4" x 8" DIAMETER LOUVER. OPENING BY G.C., LOUVER BY M.C.

G.C. TO REMOVE AND REINSTALL EXISTING 24" ACOUSTIC CEILING TILE TO ALLOW FOR NEW PIPING WORK BY M.C. COORDINATE FINAL LOCATION WITH M.C.

LOCATION OF NEW U.V.'S/ CABINET HEATERS BY M.C. SEE FURTHER NOTES FOR LOUVER DETAILS.



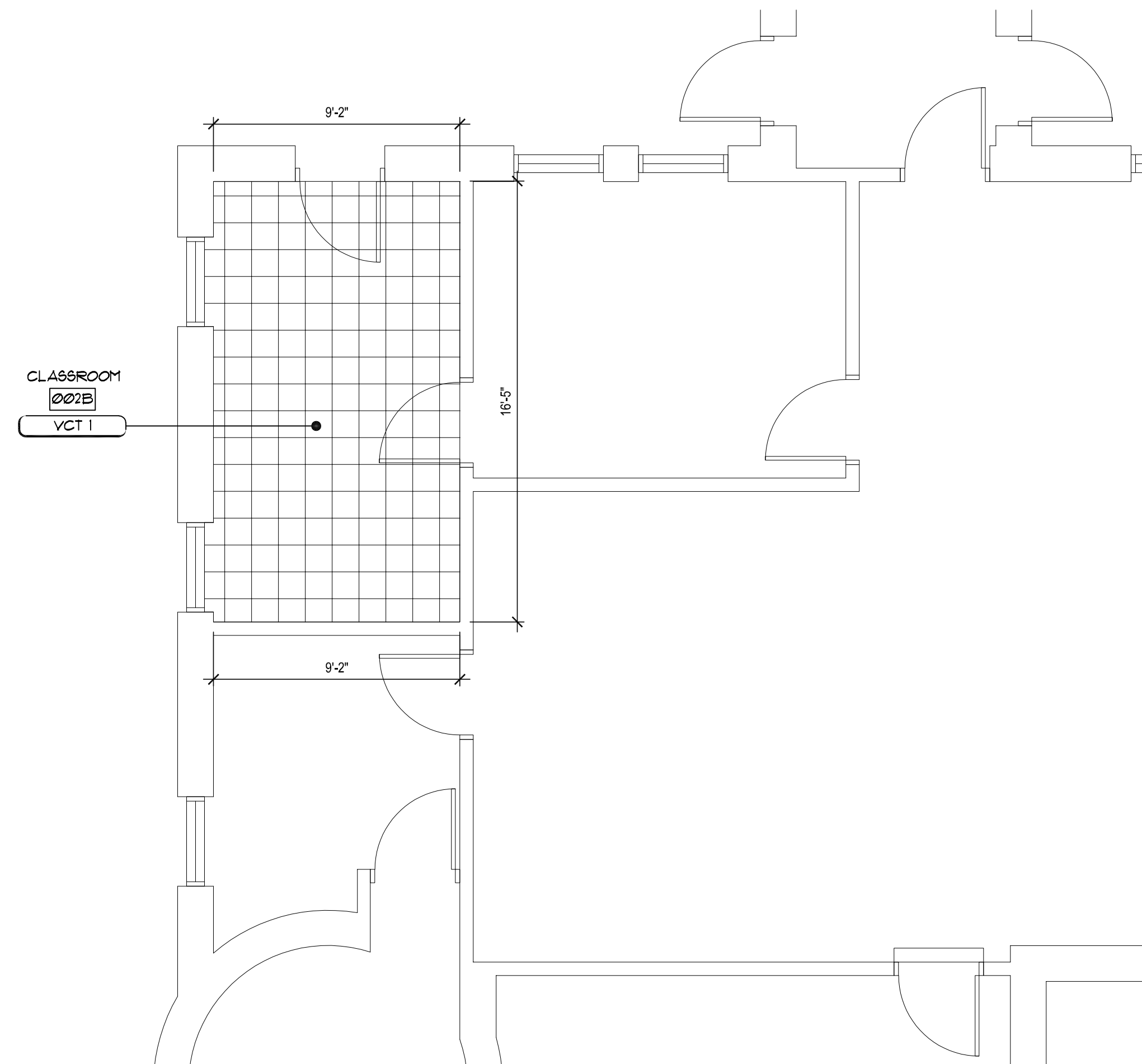
## ABBREVIATIONS

ACT	ACOUSTIC CEILING TILE	CTILE	CARPET TILE	G.T.W.	GLAZED TILE WAINSCOT	R.T.	RUBBER TILE
CARP.	CARPET	C.W.T.	CERAMIC WALL TILE	GYP.	GYPSON BOARD	TERR.	TERRAZZO/TERRAZZO BASE
C.F.T.	CERAMIC FLOOR TILE	EPOXY	EPOXY TERRAZZO	VINYL	SLIP-RESISTANT SHEET VINYL	VCT	VINYL COMPOSITION TILE
CMU	CONC. MASONRY UNIT	VETI	VINYL ENHANCED TILE	R.C.B.	RUBBER COVE BASE	VINYL	SLIP-RESISTANT FLOORING
CTCB.	CERAMIC TILE COVE BASE	GCMU	GLAZED CONC. MASONRY UNIT	R.F.	RUBBER FLOORING	W.D.	WOOD

\* BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS,

## FIRST FLOOR FINISH SCHEDULE

NO.	LOCATION	FLOOR TYPE	BASE TYPE	WALLS TYPE	CEILING TYPE	REMARKS	NO.
002B	CLASSROOM	VCT 1	RCB 1	EXIST. TO REMAIN	EXIST. TO REMAIN		002B



## FINISH NOTES:

- 1) ALL FINISHED TYPES (STYLE/COLOR/PATTERN) SHALL BE OFF THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL FINAL STYLE / COLOR / PATTERN TO BE SELECTED BY ARCHITECT.
- 2) G.C. SHALL PREP, PRIME & PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY M.C.) COLOR AS SELECTED BY ARCHITECT.
- 3) REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
- 4) SHOULD ANY FINISH MATERIALS BE DISCONTINUED BY MANUFACTURER, G.C. MUST REPLACE WITH CLOSEST MATCH AT NO ADDITIONAL COST, AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
- 5) AT ROOMS HAVING EXISTING FLOOR TILE REMOVED/ABATED, CONTRACTOR SHALL PROVIDE AND INSTALL FLOOR PATCH (PLAN/PATCH PLUS) BY 'MAPEI' OR APPROVED EQUAL OVER ENTIRE EXISTING SUBSTRATE AND/OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS AND AS SPECIFIED FOR INSTALLATION OF NEW V.C.T. AND/OR CARPET OR EXPOSED CONCRETE AS SPECIFIED ON FINISH SCHEDULE.
- 6) G.C. SHALL PREP, PRIME & PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED FINISH WITH BENJAMIN MOORE LATEX EGGSHELL - COLOR: INTERIOR READY MIXED WHITE.
- 7) REFER TO FINISH FLOOR PLANS FOR TILE PATTERNS - THE TILE PATTERNS MAY NOT REPRESENT THE FINAL PATTERNS TO BE DESIGNED, INSTALLED & TURNED OVER TO OWNER. THE BID SHALL BE BASED ON THE TILE MIX & PERCENTAGES, AS INDICATED IN THE PROJECT MANUAL.
- 8) ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.

## FLOOR TYPES

SYMBOL	DESCRIPTION
VCT 1	12"x12"x8" VINYL COMPOSITION TILE AS MANUFACTURED BY MANNINGTON OR APPROVED EQUAL.

## BASE TYPES

TYPE RCB 1: 4" RUBBER COVE BASE AS MANUFACTURED BY ROPPE OR EQUAL COLOR: BY OWNER

## NOTES:

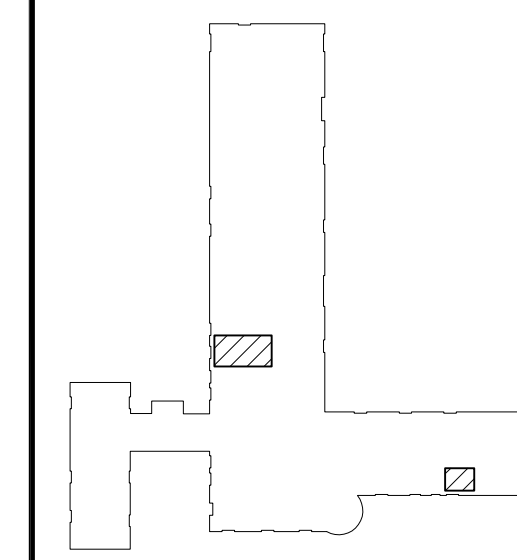
1. GENERAL CONTRACTOR SHALL PATCH ALL AREAS OF FLOOR DAMAGED BY THE REMOVAL OF MASTIC.
2. GENERAL CONTRACTOR SHALL FLASH PATCH ALL FLOORS IN THEIR ENTIRETY WHERE MASTIC REMOVAL HAS OCCURRED WITH (PLAN/PATCH PLUS) BY 'MAPEI' OR ARCHITECT APPROVED EQUAL.
3. GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS, PRIOR TO INSTALLATION OF NEW FLOORING.
4. ALL NEW FLOORING TO BE INSTALLED THROUGHOUT ENTIRE FLOOR AREA AS SHOWN UNLESS OTHERWISE NOTED.

G.C. SHALL VERIFY ALL DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK.

REV.	DATE	ITEM
02	06/21/22	BID ADD. NO. 02

## NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT CHANGED BY BBS ARCHITECTS. LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AND THEY HAVE NOT BEEN FIELD RULES AND DETAILING PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S DRAWING.



## KEY PLAN

GREENBURGH CENTRAL SCHOOL DISTRICT  
PHASE I - DISTRICT WIDE CAPITAL IMPROVEMENTS  
EARLY CHILDHOOD PROGRAM  
HARTSDALE, NEW YORK - WESTCHESTER COUNTY  
OVERALL FIRST FLOOR  
DEMOLITION and PROPOSED PLANS

PROJECT  
DRAWING BY: S.E.S.  
CHECK BY: J.W.W.

## NOTICE

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DEMO & PROPOSED PLANS  
SCALE: AS NOTED  
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