

## **ADDENDUM #2**

### **Rye City School District**

#### **Osborn Elementary School**

10 Osborn Road

Rye, NY 10580

**SED Number: #66-18-00-01-0-001-022 & #66-18-00-01-0-001-023**

#### **Midland Elementary School**

312 Midland Avenue

Rye, NY 10580

**SED Number: #66-18-00-01-0-003-024 & #66-18-00-01-0-003-025**

#### **Milton Elementary School**

10 Hewlett St

Rye, NY 10580

**SED Number: #66-18-00-01-0-002-015**

#### **Rye High School/Middle School**

1 Parsons Street

Rye, NY 10580

**SED Number: #66-18-00-01-0-005-031 & #66-18-00-01-0-005-032**

***Issued: 2021-02-05***

### **PROJECT TEAM**

#### Architects

##### **Geddis Architects**

71 Old Post Road, Suite 101

P.O. Box 1020

Southport, CT 06890

Phone: (203) 256-8700

##### **Fielding International**

259 Water Street, Suite 1L

Warren, RI 02885

Phone: (401) 289-2789

#### Construction Manager

##### **Savin Engineers, PC**

3 Campus Drive

Pleasantville, NY 10570

Phone: (914) 769-3200

#### Structural Engineer

##### **Odeh Engineers**

1223 Mineral Spring Ave

North Providence, RI 02904

Phone: (401) 724-1771

#### Civil Engineer

##### **Weston & Sampson, PE, LS, LA, PC**

1 Winners Circle, Suite 130

Albany, NY 12205

Phone: (516) 463-4400

#### MEP Engineer

##### **Barile Gallagher & Associates**

##### **Consulting Engineers**

39 Marble Avenue, 2nd Floor

Pleasantville, NY 10570

Phone: (914) 328-6060

#### Acoustic Consultant

##### **DP Design**

12 Cold Spring Street

Providence, RI

401-861-3218

#### AV Consultant

##### **CAVANAUGH TOCCI**

327 F Boston Post Road

Sudbury, MA 01776

978-443-7871

#### Environmental

##### **Quest Environmental Solutions & Technologies, Inc.**

1376 Route 9

Wappingers Falls, NY 12590

845-298-6031

**This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated, January 19, 2021.**



The work shall be carried out in accordance with the following supplemental instructions and in accordance with the Contract Documents.
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**DRAWINGS:**

**OSBORN:**

1. D2-201:
  - a. Note added for exterior infill wall where existing louvers will be removed after the demolition of existing unit ventilators.
2. A2-512:
  - a. Note added for exterior infill wall where existing louvers will be removed after the demolition of existing unit ventilators.

**Electrical**

1. Drawing E2-305     Roof Plan
  - b. Revised to show four (4) HVAC communication control panels on roof.
2. Drawing E2-601     Electrical Schedules
  - c. Revised to show power for added HVAC communication control panels.

**MIDLAND:**

1. D2-101:
  - a. Note provided for removal of existing millwork enclosure for baseboard fintube and associated steam piping to be removed per mechanical drawings. Patch and paint existing wall where the millwork enclosure is removed.
2. A2-507:
  - a. Note provided for existing glazed block to remain.
3. A2-534:
  - a. Notes provided for removal of existing millwork enclosure for baseboard fintube and associated steam piping to be removed per mechanical drawings. Patch and paint existing wall where the millwork enclosure is removed.
4. A2-540:
  - a. Drawing Titles updated. Ceiling and flooring are not alternates, they are base bid.

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## HVAC

1. Drawing H2-103 Partial First Floor Plans (Removals)
  - a. Room OT/PT 38, The following shall be shown to be removed:
    - a. Existing 20 LF of baseboard fin tube and associated steam piping at the west wall.

## Electrical

1. Drawing E2-302 Partial First Floor Power and Fire Alarm Plan
  - a. Provide four (4) VFDs and wiring in Mechanical Room 57 for HWP-1,2,3,4. Coordinate the exact location before the start of any work.

## **MILTON:**

1. A2-302:
  - a. Detail 1: Updated to remove kiva for base bid.
  - b. Callouts added on details #1A and #3
2. A2-321:
  - a. Details #12 and #13 added.

## **HIGH SCHOOL & MIDDLE SCHOOL:**

1. D2-101:
  - a. Projects 1 & 4 areas updated.
  - b. Elevation tag for 2/D2-203 added.
2. D2-102
  - a. Projects 1 & 4 areas updated.
  - b. Elevation tag for 2/D2-203 added.
  - c. Note added for ceiling removal and replacement outside of Classroom 209.
3. D2-203
  - a. Elevation 2/D2-203 added
4. A2-101
  - a. Projects 1 & 4 areas updated.
  - b. Elevation tag for 2/A2-203 added.
5. A2-102
  - a. Projects 4 area updated.
  - b. Elevation tag for 2/A2-203 added.
  - c. Location for openings clarified along elevation 1/A2-203.
6. A2-115
  - a. New wood blocked noted at parapets.

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7. A2-201
  - a. Locations for new engineered cast stone window jambs and headers to match existing provided.
8. A2-202
  - a. Locations for new engineered cast stone window jambs and headers to match existing provided.
9. A2-203
  - a. Locations for new engineered cast stone window jambs and headers to match existing provided.
  - b. Elevation 2/A2-203 added.
  - c. Drawing numbers modified.
10. A2-311
  - a. Parapet details updated.
  - b. Project numbers updated.
11. A2-312
  - a. Parapet details updated.
  - b. Project numbers updated.
12. A2-313
  - a. Project numbers updated.
13. A2-314
  - a. Project numbers updated.
14. A2-315
  - a. Rake and eave detail updated.
  - b. Project number updated.
15. A2-350
  - a. Detail #4 – Wall finish note provided.
  - b. Detail #5 – Wall finish note provided.
  - c. Detail #7 – Roof Areas provided to coordinate with roof drawings.
16. A2-402
  - a. Note added for ceiling removal and replacement outside of Classroom 209.
17. A2-501
  - a. Detail #2 – Interior Elevation tag updated to reference appropriate drawing.
  - b. Detail #4 – Extent of flooring replacement in Lobby updated to match demo drawing.
18. A2-603
  - a. Locations for new engineered cast stone window jambs and headers to match existing provided.

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## HVAC

1. Drawing H2 – 101 Part Basement Plans, Legend and Notes
  - a. Revise legend to include hot water reverse return symbol (HWRR).
2. Drawing H2 – 103 Part First Floor Plan
  - a. Remove Project 3 reference from title sheet.
3. Drawing H2 – 104 Part First Floor Plan
  - a. Revise Toilet Rooms exhaust ductwork and registers adjacent to Conference Room 141 as existing to remain.
4. Drawing H2 – 107 Part Second Floor Plan
  - a. Move unit ventilator replacement work from Project 1 to Project 4.
5. Drawing H2 – 202 Part First Floor Plan
  - a. Add reference to “See note 1” to indicate areas of ceiling work by HVAC contractor where not indicated as being replaced in architectural drawings.
6. Drawing H2 – 203 Part First Floor Plan
  - a. Add Note #2 and reference to “See note 2” to indicate areas of ceiling work by HVAC contractor where not indicated as being replaced in architectural drawings.
7. Drawing H2 – 208 Part Second Floor Plan
  - a. Move unit ventilator replacement work from Project 1 to Project 4.
8. Drawing H2 – 302 Schedule
  - a. Add DX coil for future connection to note #5.

## Plumbing

1. Drawing P2 – 101 Legend, Schedules, Notes, First and Second Floor Plans
  - a. Second Floor Plan 2/P2-101 (Removals) (Project 1).
    - i. Add note: “Included sink removal in Room 221A for second new electric room.”
2. Sketches SKP2-1 and SKP2-2
  - a. PRV Assembly Replacement as shown on sketches attached.

## Electrical

1. Drawing E2-102 Partial First Floor Removal Plan
  - a. Revised to show electrical demolition of added lighting scope in corridor.
2. Drawing E2-105 Partial Second Floor Removal Plan
  - a. In high school gym remove power for existing air handling unit. Refer to H2-109. Coordinate exact location with mechanical contractor.
  - b. Revised to include removal of air handling unit in mechanical room.

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3. Drawing E2-106 Partial Second Floor Removal Plan
  - a. Revised to show electrical demolition of existing mechanical equipment.
4. Drawing E2-108 Exterior Removal Plan
  - a. Revised to show Project 4 instead of Project 4A.
5. Drawing E2-201 High School & Middle School Part First Floor Lighting Plan
  - a. Revise High School vestibule lighting layout.
  - b. Provide emergency lighting in vestibule.
  - c. Provide remote drivers for “WW5” fixture and “R10” fixtures.
6. Drawing E2-202 Partial First Floor Lighting Plan
  - a. Revised to show added lighting scope in corridor.
7. Drawing E2-304 Partial First Floor Power and Fire Alarm Plan
  - a. Revised to include power for ejector pump in ILAB.
8. Drawing E2-307 Partial Second Floor Power and Fire Alarm Plan
  - a. Revised to include unit ventilator work in Project 4 instead of Project
9. Drawing E2-309 Partial Third Floor and Basement Power and Fire Alarm Plan
  - a. Revised to include power for HVAC communication control panel on Third Floor.
10. Drawing E2-310 Roof Power and Fire Alarm Plan
  - a. Revised to include power for HVAC communication control panels on Roof.
11. Drawing E2-312 Exterior Plan
  - a. Revised to include exterior electrical work as Project 4 instead of Project 4A.
12. Drawing E2-601 High School & Middle School Electrical Schedules
  - a. Revise fixture type “WM4” and “WM4-EM”
13. Drawing E2-602 High School & Middle School Electrical Schedules
  - a. Revised to show power for HVAC communication control panels and ejector pump.
14. Sketch ESK-01 High School & Middle School Part Second Floor HVAC Com. Controls
  - a. Included power for HVAC communications control panels.
15. Sketch ESK-02 High School & Middle School Part Attic HVAC Com. Controls
  - a. Included power for HVAC communications control panel.
16. Sketch ESK-03 High School & Middle School Part Boiler Room Removal Plan
  - a. Included removals of (4) hot water pumps in boiler room.

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## **SPECIFICATIONS:**

### **VOLUME 1:**

#### **1. Bid Form Section 000310a-GC ES**

- a. See revised Interior & Exterior Renovation Bid Form for Osborn School attached.

#### **2. Bid Form Section 000310b-GC ES**

- a. See revised Interior & Exterior Renovation Bid Form for Midland School attached.

#### **3. Corrections to the Instructions to Bidders Section 001030:**

- a. In Subparagraph 6.a.iv, change “Insurance Coverage Affidavit” to “Insurance Coverage Certification”.
- b. In Subparagraph 7, change “not less than five percent (10%)” to “not less than ten percent (10%)”.

#### **4. Multiple Contract Summary – Osborn Section 011000a**

- a. See revised section attached and changes below.

#### **5. Multiple Contract Summary – Midland Section 011000b**

- a. See revised section attached and changes below.

#### **6. Multiple Contract Summary – Milton Section 011000c**

- a. See revised section attached and changes below.

#### **7. Multiple Contract Summary – High School/Middle School Section 011000d**

- a. See revised section attached and changes below.

#### **8. Alternates Section 012300.1**

- a. See revised section attached.

#### **9. Alternates Attachment Section 012300.2**

- a. See revised section attached.

#### **10. Insurance Coverage Certification**

- a. See revised Insurance Coverage Certification attached.



## **VOLUME 2: OSBORN ELEMENTARY SCHOOL**

### **1. 011000a – MULTIPLE CONTRACT SUMMARY – OSBORN ELEMENTARY SCHOOL**

#### **Revisions to subparagraph 1.05.C.1:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	<del>LEAD-BASED PAINT SAFE WORK PRACTICES</del>
<b>DIVISION 6</b>	<b>WOOD AND PLASTICS</b>
061001	<del>CARPENTRY-ROOFING</del>
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
076200	<del>SM SHEET METAL FLASHINGS &amp; SPECIALTIES</del>
<b>DIVISION 8</b>	<b>OPENINGS</b>
084113	<del>ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS</del>
088853.1	<del>1" IGU SECURITY GLAZING –SHOOTER ATTACK INSULATED GLASS</del>

#### **Revisions to subparagraph 1.05.C.2:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	<del>LEAD-BASED PAINT SAFE WORK PRACTICES</del>
<b>DIVISION 23</b>	<b>HEATING, VENTILATING AND AIR CONDITIONING (HVAC)</b>
230240	<del>GAS FIRED ROOFTOP ENERGY RECOVERY UNITS</del>
230250	<del>PACKAGED ENERGY RECOVERY GAS FIRED ROOFTOP UNITS</del>

#### **Revisions to subparagraph 1.05.C.3:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	<del>LEAD-BASED PAINT SAFE WORK PRACTICES</del>

#### **Revisions to subparagraph 1.05.C.4:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	<del>LEAD-BASED PAINT SAFE WORK PRACTICES</del>
<b>DIVISION 26</b>	<b>ELECTRICAL</b>
260425	<del>OCCUPANCY SENSORS</del>
260825	<del>PUBLIC ADDRESS SYSTEM AND CLOCK SYSTEM</del>
260850	<del>AUDIO VISUAL SYSTEM</del>

#### **Revisions to subparagraph 1.05.C.5:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	<del>LEAD-BASED PAINT SAFE WORK PRACTICES</del>
<b>DIVISION 8</b>	<b>OPENINGS</b>
084113	<del>ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS</del>

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**Add Subparagraph 1.06.A.24 as follows:**

The Contractor for General Construction (GC) will provide and install windows at the Gym, and all storefront at the security vestibule, which are to be installed in Phase 1A. The Contractor for Window Construction (WC) is responsible for removal and replacement of windows in Rooms 16, 17, 18, 19, 20, 21, 22, 23, 32 and 34.

**Add Subparagraph 1.06.A.25 as follows:**

The Contractor for General Construction (GC) is responsible for the entire scope of roof drain replacement as indicated on the roofing drawings and details.

**Add Subparagraph 1.06.A.26 as follows:**

The Contractor for General Construction (GC) is responsible for the entire scope of vinyl wall coverings as indicated in the drawings and specifications. The Owner is responsible for magnetic wall coverings.

**Add Subparagraph 1.06.A.27 as follows:**

The Contractor for General Construction (GC) shall infill openings at exterior and interior classroom walls at unit ventilators and louvers removed by others, see contract drawings and details.

**Add Subparagraph 1.06.A.28 as follows:**

The Contractor for General Construction (GC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate hold dimensions, installation of blocking, etc.

**Add Subparagraph 1.06.B.20 as follows:**

The Contractor for Mechanical Construction (MC) shall coordinate the demolition of existing window AC units and supplying and installing of new window AC units with the removal and replacement of windows by others in Phase 2.

**Revise Subparagraph 1.06.C.3 as follows:**

Provide all excavation and backfill for trenches inside building walls, including floor infill and patching to match existing, surrounding materials.

**Add Subparagraph 1.06.C.20 as follows:**

The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

**Add Subparagraph 1.06.D.21 as follows:**

The Contractor for Electrical Construction (EC) will provide and install the specified cable for the telecoil hearing loops, including necessary trenching and infill at floors, per the contract drawings and details.

**Add Subparagraph 1.06.D.22 as follows:**

The Contractor for Electrical Construction (EC) shall coordinate the demolition of existing receptacles for window AC units and supplying and installing of new receptacles for window AC units with the removal and replacement of windows by others in Phase 2.

**Add Subparagraph 1.06.D.23 as follows:**

The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate

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installation of electrical conduit and boxes. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.

**Revise Subparagraph 1.06.E.4 as follows:**

Coordinate removal of existing windows and installation of new windows at Rooms 16, 17, 18, 19, 20, 21, 22, 23, 32 and 34 with Contractor for General Construction (GC), Construction Manager and Owner. Note that the GC will provide and install windows at the Gym, and all storefront at the security vestibule, which are to be installed in Phase 1A.

**Add Subparagraph 1.06.E.7 as follows:**

The Contractor for Window Construction (WC) shall provide dust protection at each space during window removal and replacement by installing a 6 mil plastic sheeting partition on the interior side of the window which will allow sufficient space to work but also protect the balance of the space from dust and debris.

**VOLUME 3: MIDLAND ELEMENTARY SCHOOL**

**1. 011000b – MULTIPLE CONTRACT SUMMARY – MIDLAND ELEMENTARY SCHOOL**

**Revisions to subparagraph 1.05.C.1:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
076200	SM SHEET METAL FLASHINGS & SPECIALTIES
<b>DIVISION 8</b>	<b>OPENINGS</b>
081416	FLUSH WOOD DOORS
088853.1	1" IGU SECURITY GLAZING – <del>SHOOTER ATTACK</del> INSULATED GLASS

**Revisions to subparagraph 1.05.C.2:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	LEAD-BASED PAINT SAFE WORK PRACTICES

**Revisions to subparagraph 1.05.C.3:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	LEAD-BASED PAINT SAFE WORK PRACTICES

**Revisions to subparagraph 1.05.C.4:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	LEAD-BASED PAINT SAFE WORK PRACTICES

**Revisions to subparagraph 1.05.C.5:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
028300	LEAD-BASED PAINT SAFE WORK PRACTICES



**Add Subparagraph 1.06.A.22 as follows:**

The Contractor for General Construction (GC) will remove and replace all exterior doors where indicated, and all storefront at the security vestibule, which are to be installed in Phase 1A. The Contractor for Window Construction (WC) is responsible for removal and replacement of all windows indicated.

**Add Subparagraph 1.06.A.23 as follows:**

The Contractor for General Construction (GC) is responsible for the entire scope of vinyl wall coverings as indicated in the drawings and specifications. The Owner is responsible for magnetic wall coverings.

**Add Subparagraph 1.06.A.24 as follows:**

The Contractor for General Construction (GC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate hold dimensions, installation of blocking, etc.

**Add Subparagraph 1.06.B.20 as follows:**

The Contractor for Mechanical Construction (MC) shall coordinate the demolition of existing window AC units and supplying and installing of new window AC units with the removal and replacement of windows by others in Phase 2.

**Revise Subparagraph 1.06.C.3 as follows:**

Provide all excavation and backfill for trenches inside building walls, including floor infill and patching to match existing, surrounding materials.

**Add Subparagraph 1.06.C.21 as follows:**

The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

**Add Subparagraph 1.06.D.21 as follows:**

The Contractor for Electrical Construction (EC) will provide and install the specified cable for the telecoil hearing loops, including necessary trenching and infill at floors, per the contract drawings and details.

**Add Subparagraph 1.06.D.22 as follows:**

The Contractor for Electrical Construction (EC) shall coordinate the demolition of existing receptacles for window AC units and supplying and installing of new receptacles for window AC units with the removal and replacement of windows by others in Phase 2.

**Add Subparagraph 1.06.D.23 as follows:**

The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate installation of electrical conduit and boxes. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.

**Revise Subparagraph 1.06.E.3 as follows:**

Coordinate removal of existing windows and installation of all new windows with Contractor for General Construction (GC), Construction Manager and Owner. Window types 12 and 21 which surround new Door E-17 are in Phase 1A. Windows at the Main Office and Media Center areas are in Phase 1B. The balance of windows are in Phase 2. Note that the GC will remove and replace all exterior doors where indicated, and all storefront at the security vestibule, which are to be installed in Phase 1A.



**Add Subparagraph 1.06.E.6 as follows:**

The Contractor for Window Construction (WC) shall provide dust protection at each space during window removal and replacement by installing a 6 mil plastic sheeting partition on the interior side of the window which will allow sufficient space to work but also protect the balance of the space from dust and debris. Where a partition is not feasible due to space configuration, the WC shall cover all furnishings and equipment within the interior space with 6 mil plastic sheeting before commencing work, and thoroughly clean the space of all dust and debris after completing the work but before removing the dust protection.

**VOLUME 4: MILTON ELEMENTARY SCHOOL**

**1. 011000c – MULTIPLE CONTRACT SUMMARY – MILTON ELEMENTARY SCHOOL**

**Revisions to subparagraph 1.05.C.1:**

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS</i></b>
028300	<i>LEAD-BASED SAFE WORK PRACTICES</i>
<b>DIVISION 8</b>	<b><i>OPENINGS</i></b>
088853.1	<i>1" IGU SECURITY GLAZING –SHOOTER ATTACK INSULATED GLASS</i>

**Revisions to subparagraph 1.05.C.2:**

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS</i></b>
028300	<i>LEAD-BASED SAFE WORK PRACTICES</i>

**Revisions to subparagraph 1.05.C.3:**

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS</i></b>
028300	<i>LEAD-BASED SAFE WORK PRACTICES</i>

**Revisions to subparagraph 1.05.C.4:**

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS</i></b>
028300	<i>LEAD-BASED SAFE WORK PRACTICES</i>
<b>DIVISION 26</b>	<b><i>ELECTRICAL</i></b>
260825	<i>PUBLIC ADDRESS AND CLOCK SYSTEM</i>

**Revisions to subparagraph 1.05.C.5:**

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS (as related to this Contract work)</i></b>
028300	<i>LEAD-BASED SAFE WORK PRACTICES</i>
<b>DIVISION 7</b>	<b><i>THERMAL AND MOISTURE PROTECTION</i></b>
076200	<i>SM SHEET METAL FLASHINGS &amp; SPECIALTIES</i>

**Add Subparagraph 1.06.A.24 as follows:**

The Contractor for General Construction (GC) is responsible for the entire scope of vinyl wall coverings as indicated in the drawings and specifications. The Owner is responsible for magnetic wall coverings.



**Add Subparagraph 1.06.A.25 as follows:**

The Contractor for General Construction (GC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate hold dimensions, installation of blocking, etc.

**Add Subparagraph 1.06.B.23 as follows:**

The Contractor for Mechanical Construction (MC) is responsible for the entire scope of asbestos abatement at the Boiler Room.

**Revise Subparagraph 1.06.C.3 as follows:**

Provide all excavation and backfill for trenches inside building walls, including floor infill and patching to match existing, surrounding materials.

**Add Subparagraph 1.06.C.20 as follows:**

The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

**Add Subparagraph 1.06.D.22 as follows:**

The Contractor for Electrical Construction (EC) will provide and install the specified cable for the telecoil hearing loops, including necessary trenching and infill at floors, per the contract drawings and details.

**Add Subparagraph 1.06.D.23 as follows:**

The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate installation of electrical conduit and boxes. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.

**Add Subparagraph 1.06.E.6 as follows:**

The Contractor for Roofing Construction (RC) is responsible for the entire scope of asbestos abatement at the roof.

**VOLUME 5 – RYE HIGH SCHOOL/MIDDLE SCHOOL**

**1. 011000d – MULTIPLE CONTRACT SUMMARY – RYE HIGH SCHOOL/MIDDLE SCHOOL**

**Revisions to subparagraph 1.05.C.1:**

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS</i></b>
028300	<i>LEAD-BASED PAINT SAFE WORK PRACTICES</i>
<b>DIVISION 5</b>	<b><i>METALS</i></b>
051200	<i>STRUCTURAL STEEL FRAMING</i>
<b>DIVISION 7</b>	<b><i>THERMAL AND MOISTURE PROTECTION</i></b>
074213.16	<i>INSULATED CORE METAL WALL PANELS</i>
076200	<i>SM SHEET METAL FLASHINGS &amp; SPECIALTIES</i>
079200	<i>JOINT SEALANTS</i>
079201	<i>JOINT SEALERS</i>

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<b>DIVISION 8</b>	<b>OPENINGS</b>
081416	<del>FLUSH WOOD ENTRANCE DOORS</del>
081417	<del>FLUSH WOOD ENTRANCE DOORS</del>
088853.1	<del>1" IGU SECURITY GLAZING -SHOOTER ATTACK INSULATED GLASS</del>
<b>DIVISION 9</b>	<b>FINISHES</b>
097700	MAGNETIC WALL COVERINGS

**Revisions to subparagraph 1.05.C.2:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS (as related to this Contract Work)</b>
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
079201	JOINT SEALERS
<b>DIVISION 23</b>	<b>HEATING, VENTILATING AND AIR CONDITIONING</b>
230237	<del>INDOOR</del> FIXED PLATE ENERGY RECOVERY UNIT

**Revisions to subparagraph 1.05.C.3:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS (as related to this Contract Work)</b>
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
079201	JOINT SEALERS

**Revisions to subparagraph 1.05.C.4:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS (as related to this Contract Work)</b>
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
079201	JOINT SEALERS

**Revisions to subparagraph 1.05.C.5:**

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS (as related to this Contract Work)</b>
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
076200	SM SHEET METAL FLASHINGS & SPECIALTIES
079201	JOINT SEALERS
<b>DIVISION 8</b>	<b>OPENINGS</b>

**This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated, January 19, 2021.**



081113	<i>HOLLOW METAL DOORS AND FRAMES</i>
081416	<i>FLUSH WOOD <del>ENTRANCE</del> DOORS</i>
081417	<i>FLUSH WOOD ENTRANCE DOORS</i>
084114	<i>ALUMINUM ENTRANCES AND STOREFRONT</i>

**Add Subparagraph 1.06.A.22 as follows:**

The Contractor for General Construction (GC) is responsible for the entire scope of roofing removal and replacement, including asbestos abatement where indicated, and roof drain replacement where indicated, with the exception of roofing areas at the top of the Middle School masonry façade and in Roof Area C (which are by the Contractor for Masonry Construction (MAS) in Phase 2). The GC is responsible for blocking and curb/rail/portal installation with flashings at all roof areas (including Roof Area C) to facilitate installation of mechanical equipment by others.

**Add Subparagraph 1.06.A.23 as follows:**

The Contractor for General Construction (GC) is responsible for the entire scope of vinyl wall coverings as indicated in the drawings and specifications. The Owner is responsible for magnetic wall coverings.

**Add Subparagraph 1.06.A.24 as follows:**

The Contractor for General Construction (GC) will demolish openings and provide and install new mechanical louvers and ancillary construction as indicated in Rooms 136, 138, 140, 145, 221, 223, 224, 225 and 226.

**Add Subparagraph 1.06.A.25 as follows:**

The Contractor for General Construction (GC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate hold dimensions, installation of blocking, etc.

**Add Subparagraph 1.06.B.20 as follows:**

The Contractor for Mechanical Construction (MC) will provide, install and maintain gym flooring protection as indicated on the mechanical drawings.

**Revise Subparagraph 1.06.C.3 as follows:**

Provide all excavation and backfill for trenches inside building walls, including floor infill and patching to match existing, surrounding materials.

**Add Subparagraph 1.06.C.21 as follows:**

The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

**Add Subparagraph 1.06.D.23 as follows:**

The Contractor for Electrical Construction (EC) will provide and install the specified cable for the telecoil hearing loops, including necessary trenching and infill at floors, per the contract drawings and details.

**Add Subparagraph 1.06.D.24 as follows:**

The Contractor for Electrical Construction (EC) is responsible for all floor slab demolition and patching associated with the installation of electrical floor boxes where indicated on drawings.



**Add Subparagraph 1.06.D.25 as follows:**

The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate installation of electrical conduit and boxes. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.

**Add Subparagraph 1.06.E.6 as follows:**

The Contractor for Masonry Restoration (MAS) is responsible for the full scope of masonry façade restoration at the Middle School, including removal and replacement of all windows in the Middle School masonry façade and ancillary carpentry and finish work on the interior side of the Middle School masonry façade, and stucco cladding removal and replacement with EIFS cladding, and all integral roofing removal and replacement at the top of the masonry façade and in Roof Area C, including roof drain replacement where indicated. Removal and replacement of all storefront at the Middle School security vestibule is the responsibility of the Contractor for General Construction (GC).

**Add Subparagraph 1.06.E.7 as follows:**

The Contractor for Masonry Restoration (MAS) is responsible for the entire scope of door removal, replacement and installation at Doors E1-28, ST1-1 and ST1-3.

**CLARIFICATIONS:**

1. Bid Walk Through Sign-In Sheet attached for Osborn, Midland, Milton & Rye High School Middle School.
2. Bid Walk Through Meeting Agenda & Meeting Notes attached.
3. Pre-Bid Request for Information Form attached. Please use when submitting RFI's.
4. **Question:** Bid security states the bond should be 5% then it says 10%. Please advise the percentage of the bid bond  
**Response:** The bid security amount shall be ten percent (10%). The bid advertisement currently states "five percent (5%)" and Section 7 of Instructions to Bidders currently states "five percent (10%)." The documentation will be revised to state "ten percent (10%)."
5. **Question:** Can you clarify the Bid Security amount?  
Under instructions to bidders section 7 & the Legal Advertisement.  
I notice in the instructions to bidders written in words it reads  
Five percent but in parentheses it has (10%)  
**Response:** The bid security amount shall be ten percent (10%). The bid advertisement currently states "five percent (5%)" and Section 7 of Instructions to Bidders currently states "five percent (10%)." The documentation will be revised to state "ten percent (10%)."
6. **Question:** Are we required to bid all projects under each separate contract for our bid to be considered?  
**Response:** Yes. As the Bid Form states, "A contractor submitting a bid for projects \_\_\_\_ must submit a bid for all \_\_\_\_ of the projects."

**This Addendum No. 2 forms part of the Contract Documents and modifies the original bidding documents dated, January 19, 2021.**



## **MIDLAND**

### **HVAC**

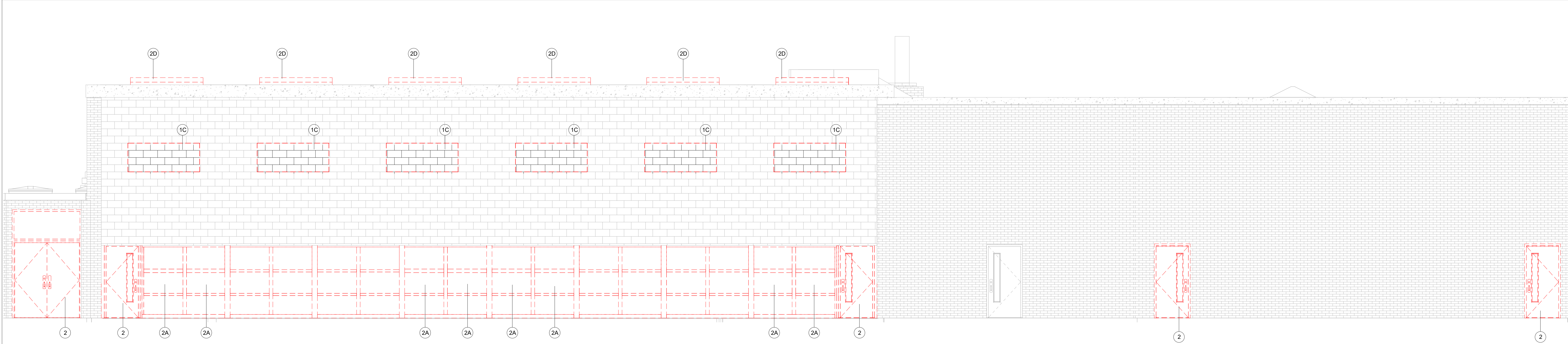
1. Drawing H2-205 Boiler Room Plans
  - a. The new hot water pumps HWP-1, 2, 3, & 4 will have variable frequency drives as specified in the pump schedule. Due to wall space limitations, the drives shall be located on unistrut supports mounted to the floor, with exact locations as directed during construction.
2. Drawing H2-201 Partial First Floor Plan
  - a. New horizontal hydronic piping branches within the 1951 classrooms shall be below the existing ceilings for Project 1 Base Bid, and above the new ceilings for Project 1C.
3. Drawing H2-203 Partial First Floor Plan
  - a. New horizontal hydronic piping branches within the 1951 classrooms shall be below the existing ceilings for Project 1 Base Bid, and above the new ceilings for Project 1C.
  - b. Special Education 40, add the following:
    - a. The baseboard FT-A shown shall be two-tier fintube. Provide additional piping to accommodate the additional fintube tier. The cover height shall be 24 inches.
    - b. Add 8 feet of single tier FT-A baseboard along the east wall. Provide additional piping to accommodate the fintube.
  - c. Omit the reference to "Matchline See DWG. H2-204"
4. Drawing H2-301 Schedules
  - a. Schedule of Duct Mounted Hot Water Coils, change the following:
    - i. The CFM for coil HWC 1-5 shall read 1000 cfm. The MBH shall read 92. The Flow Rate shall read 10.0.

## **MILTON**

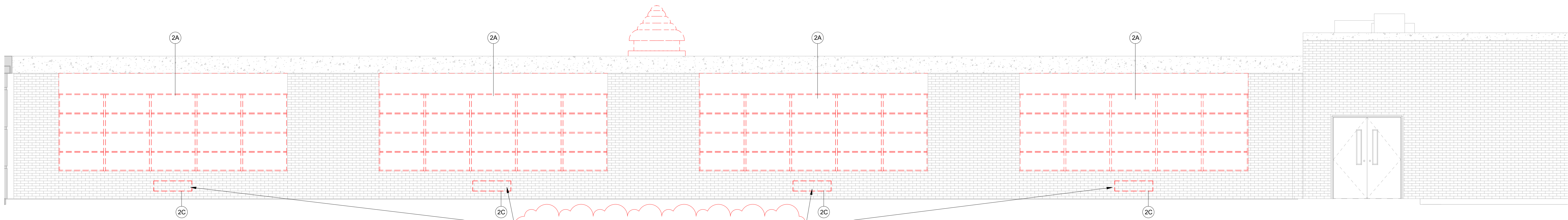
### **HVAC**

1. Drawing H2-201 Part Ground Floor Plan
  - a. The new air handling units HVAC-1, 2, & 3 will have panel enclosures for AHU Modules (AHU Communication Kits and EEV Kits) as specified in the VRF Outdoor Units specifications. Due to wall space limitations, the panels shall be located on unistrut supports mounted to the floor, with exact locations as directed during construction.



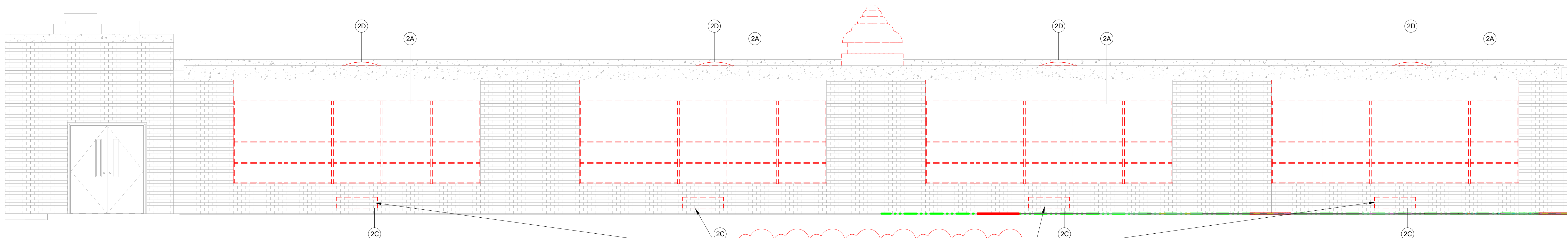


1 Demo Elevation 1 PROJECT 1  
SCALE: 1/4" = 1'-0"



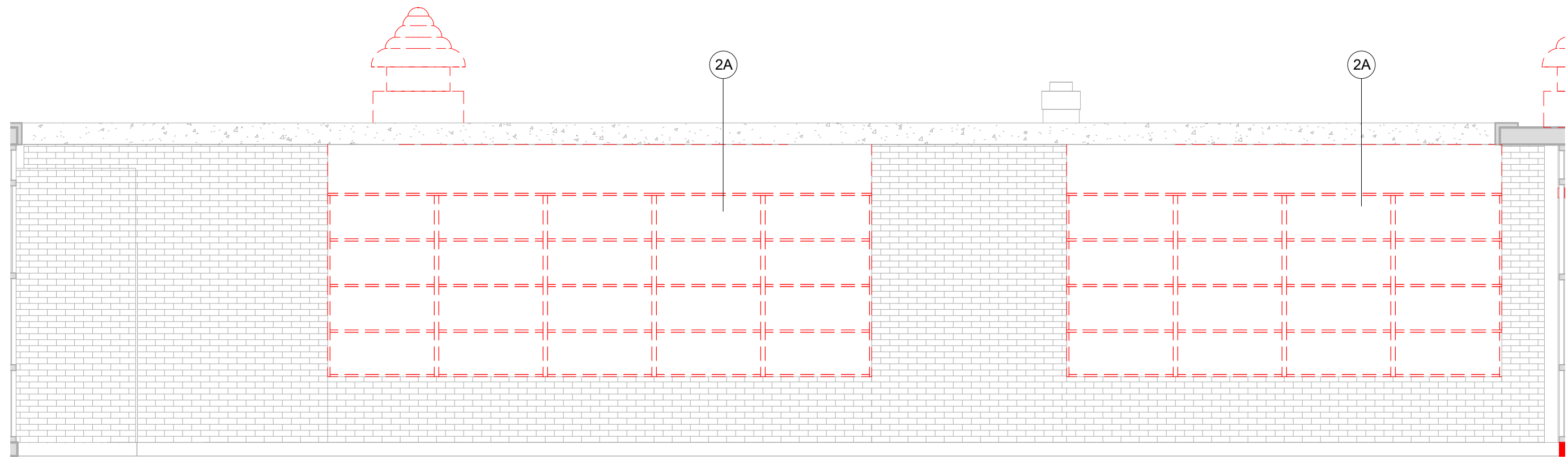
2 Demo Elevation 2 PROJECT 4  
SCALE: 1/4" = 1'-0"

AFTER MECHANICAL CONTRACTOR HAS REMOVED THE EXISTING UNIT VENTILATOR. REMOVE EXISTING LOUVER AND PREPARE OPENING FOR NEW MASONRY INSTALL, 4" CONCRETE BLOCK, WATERPROOF BLOCK WITH FLASHING EXTEND TO FACE OF BRICK WITH DRIP EDGE, 2" INSULATION, 2" AIR SPACE AND FACE BRICK TO MATCH THE EXISTING BRICK



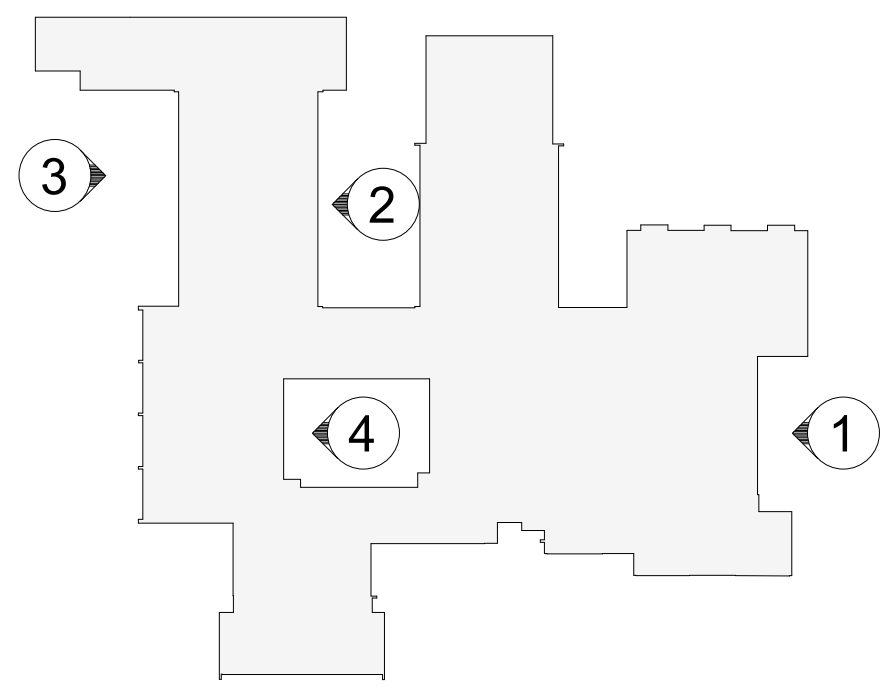
3 Demo Elevation 3 PROJECT 4  
SCALE: 1/4" = 1'-0"

AFTER MECHANICAL CONTRACTOR HAS REMOVED THE EXISTING UNIT VENTILATOR. REMOVE EXISTING LOUVER AND PREPARE OPENING FOR NEW MASONRY INSTALL, 4" CONCRETE BLOCK, WATERPROOF BLOCK WITH FLASHING EXTEND TO FACE OF BRICK WITH DRIP EDGE, 2" INSULATION, 2" AIR SPACE AND FACE BRICK TO MATCH THE EXISTING BRICK



4 Demo Elevation 4 PROJECT 4  
SCALE: 1/4" = 1'-0"

DEMOLITION KEYNOTE LEGEND PHASE 2	
Key Value	Keynote Text
1	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY.
1A	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A DOOR OPENING. SEE DOOR SCHEDULE.
1B	REMOVE EXISTING GYP. BD./ TILE ON TAG SIDE OF THE WALL. EXISTING STUDS TO REMAIN.
1C	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A WINDOW OPENING. SEE WINDOW TYPES.
2	REMOVE EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE.
2A	REMOVE EXISTING EXTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
2B	REMOVE EXISTING INTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
2C	REMOVE EXISTING EXTERIOR LOUVER, FRAME, SILL & ACCOCIATED HARDWARE
2D	REMOVE EXISTING EXTERIOR SKYLIGHT, FRAME AND ASSOCIATED HARDWARE.
3	REMOVE EXISTING FLOORING, BASE, ADHESIVE AND ALL APPLIED ACCESSORIES. FLASH PATCH AS REQUIRED TO ACHIEVE SMOOTH AND LEVEL SUBSTRATE PER MANUF. SPEC. FOR NEW FLOORING. PITCH TO NEW FLOOR DRAINS.
4	REMOVE EXISTING GYP. BD. CEILINGS, CEILING GRID, TILES & SOFFITS BELOW STRUCTURAL DECK. REMOVE EXISTING LIGHT FIXTURES AND DEVICES.
5	REMOVE EXISTING PLUMBING FIXTURES, TOILET PARTITIONS & ASSOCIATED PLUMBING AND ACCESSORIES.
6	REMOVE EXISTING MILLWORK COUNTER, CABINETS AND SHELVING.
7	REMOVE EXISTING MECHANICAL EQUIPMENT.



OSBORN PHASE 2 KEY PLAN  
1" = 80'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	9/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

**Geddis Architects**  
Architecture. Planning. Interiors  
71 Old Post Road  
P.O. Box 1020  
Southport, CT 06890  
(203) 256-8700

**Fielding International**  
Transforming Education by Design  
259 Water Street Suite 1L  
Warren, RI 02885 USA  
+1 401-289-2789

**BGA**  
BARILE GALLAGHER & ASSOCIATES  
CONSULTING ENGINEERS  
39 MARBLE AVE. PLEASANTVILLE, NY 10570  
914.328.6060 GENERAL@BGA-ENG.com www.BGA-ENG.com

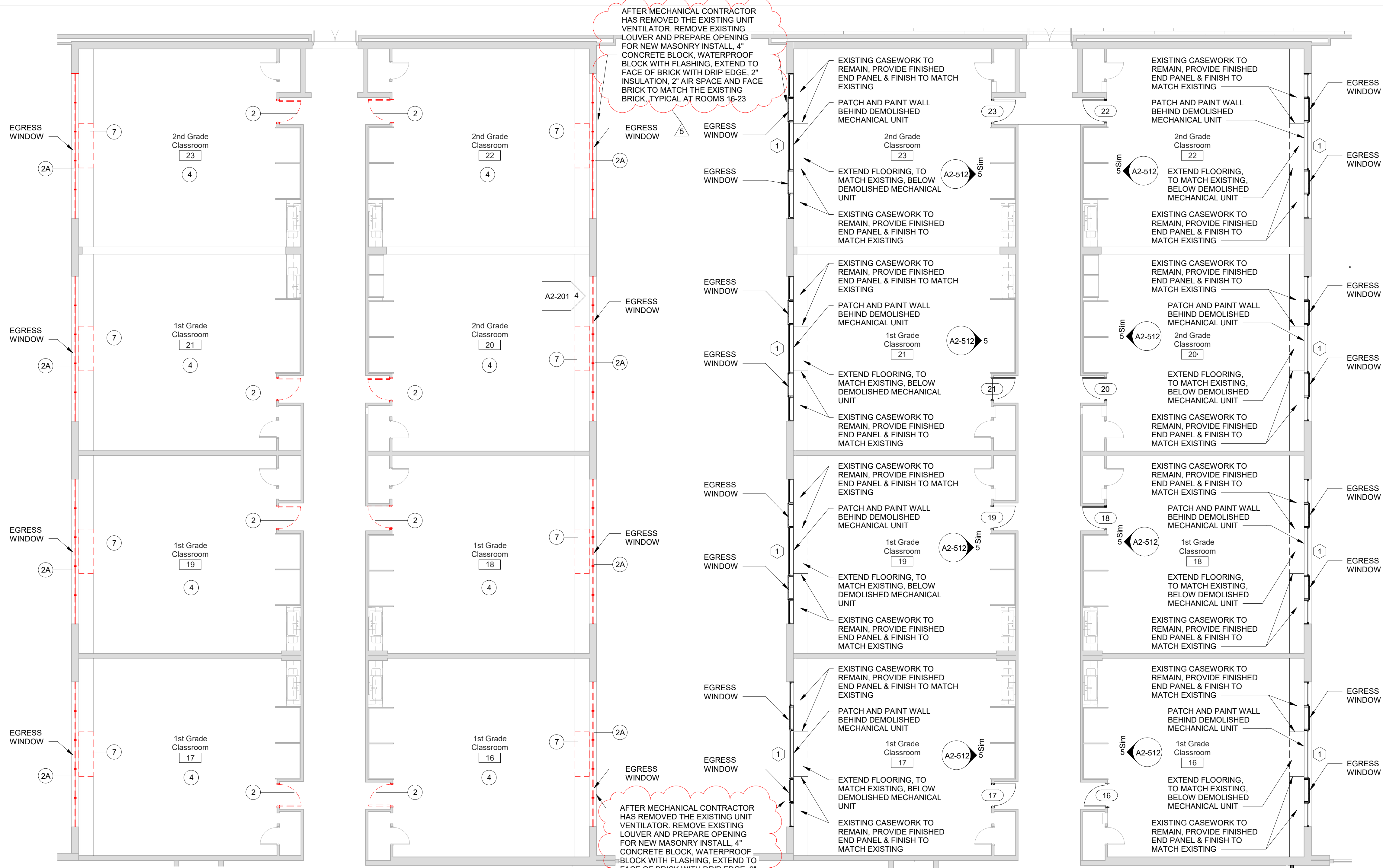
**Construction Manager**  
SAVIN ENGINEERS, P.C.  
3 Campus Drive  
Pleasantville, NY 10570  
914-769-3200  
**Structural Engineer**  
ODEH ENGINEERS  
1223 Mineral Spring Ave  
North Providence, RI 02904  
401-724-1771  
**Civil Engineer**  
WESTON & SAMPSON  
1 Winners Circle, Suite 130  
Albany, NY 12205  
518-463-4400  
**Roof Consultant**  
WATSKY ASSOCIATES INC.  
20 Madison Ave  
Valhalla, NY 10595  
914-948-3450  
**Acoustic Consultant**  
DP DESIGN  
12 Cold Spring Street  
Providence, RI  
401-861-3218  
**AV Consultant**  
CAVANAUGH TOCCI  
327 F Boston Post Road  
Sudbury, MA 01776-3027  
978-443-7871

SED#: 6618-0001-0001-023

**PROJECT**  
**Rye City Schools**  
555 Theodore Fremd Ave, Rye, NY 10580  
**Osborn Elementary School**  
10 Osborn Road, Rye, NY 10580

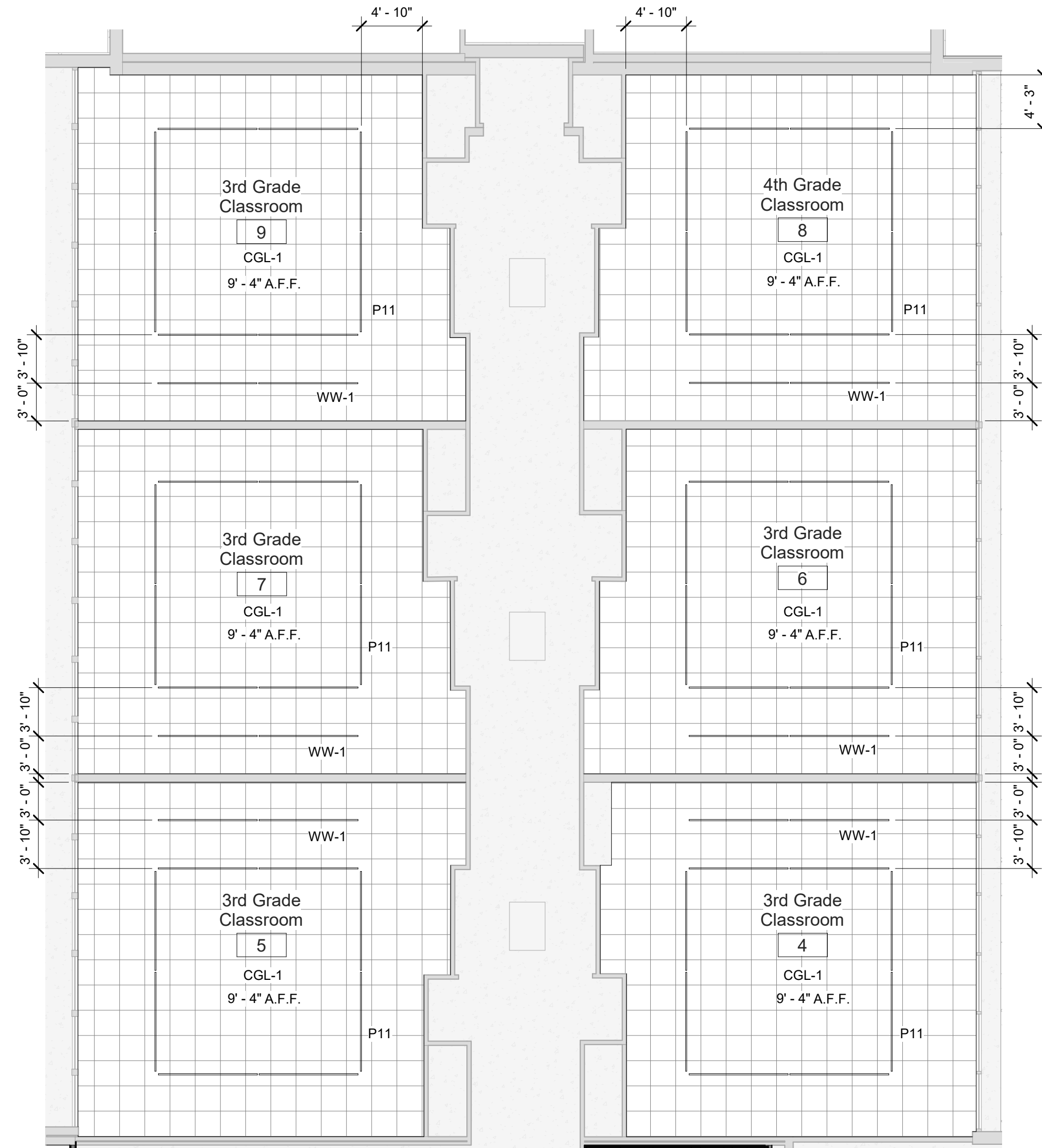
**EXTERIOR DEMOLITION ELEVATIONS**  
**PROJECTS 1 & 4**  
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PROJECT No.: 9200  
DRAWING BY: Author  
CHK BY: \_\_\_\_\_ Checker  
DWG No: D2-201



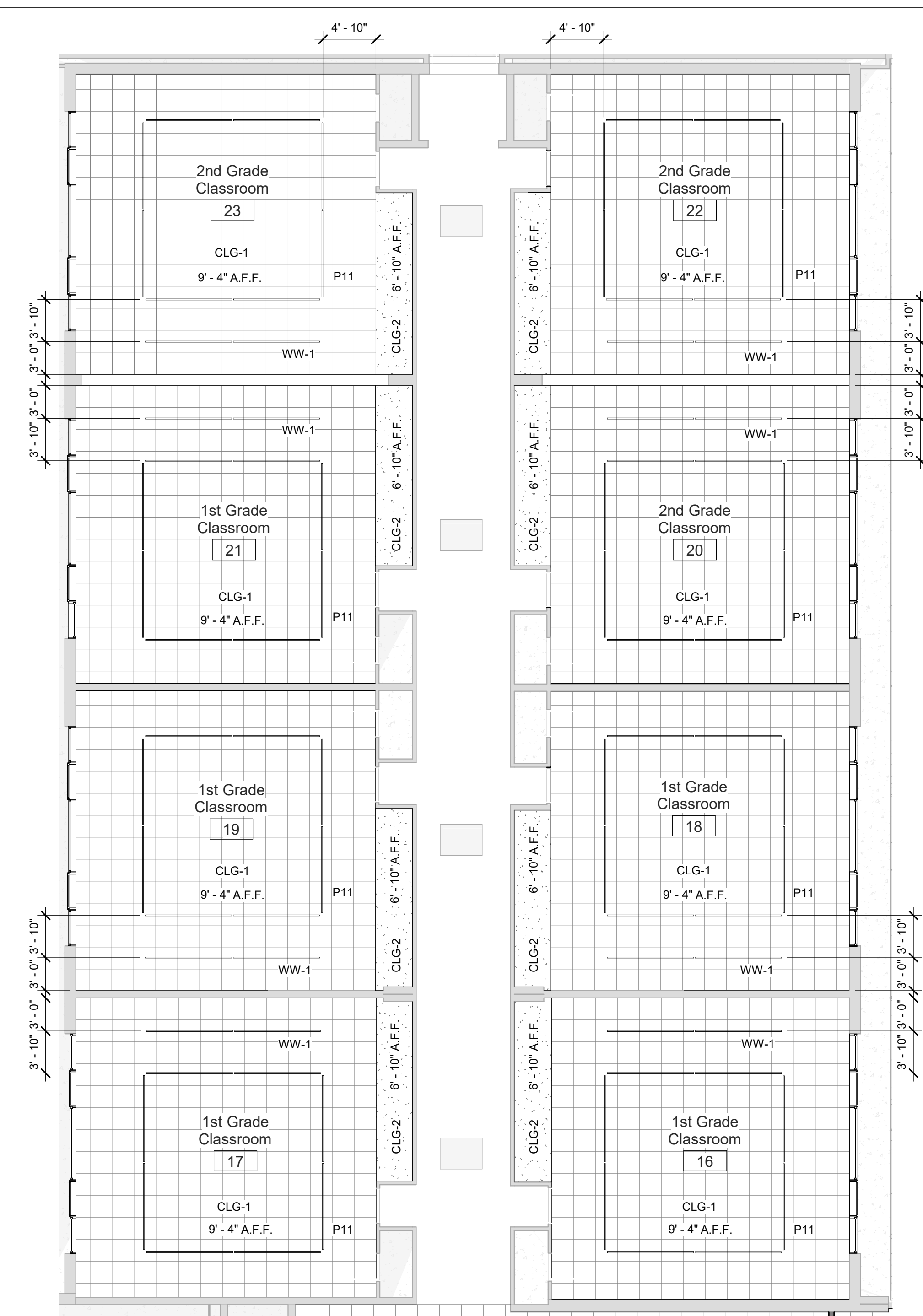


1 Demolition Plan - Classrooms 16-23  
SCALE: 1/8" = 1'-0"

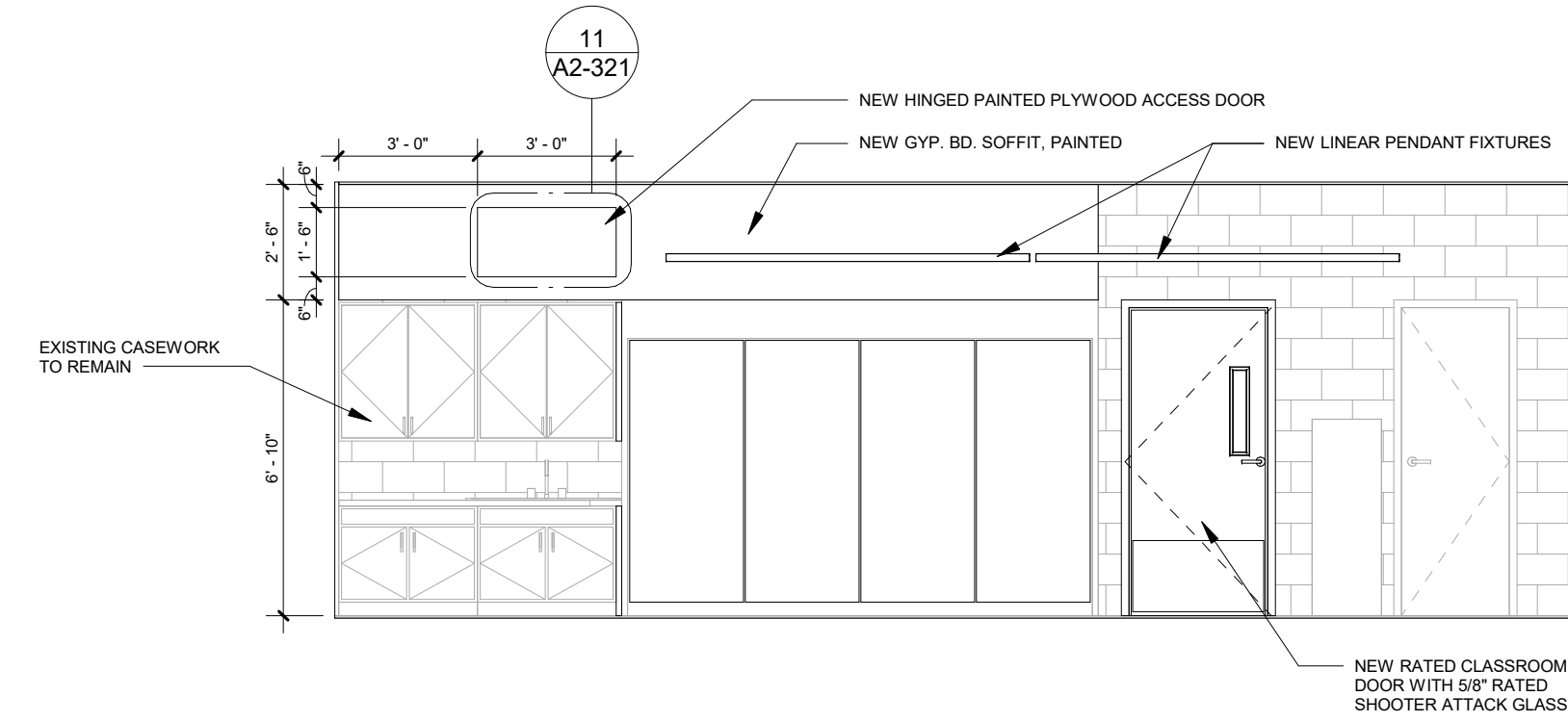
2 Enlarged Plan - Classrooms 16-23  
SCALE: 1/8" = 1'-0"



4 Classroom 4-9 Reflected Ceiling Plan  
SCALE: 1/8" = 1'-0"



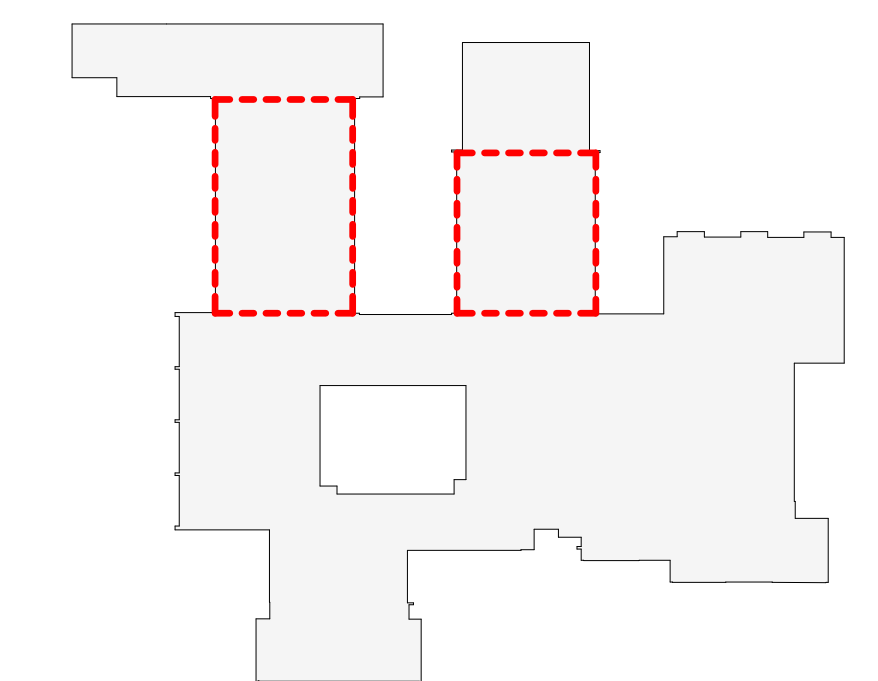
3 Classrooms 16-23 Reflected Ceiling Plan  
SCALE: 1/8" = 1'-0"



5 Typical Classroom Elevation  
SCALE: 1/4" = 1'-0"

#### NOTES

- SEE DRAWING A2-400 FOR CEILING FIXTURE AND MATERIAL LEGENDS.
- SEE DRAWING A2-700 FOR FINISH MATERIALS LEGEND.



OSBORN PHASE 2 KEY PLAN  
1" = 80'

DEMOLITION KEYNOTE LEGEND PHASE 2	
Key Value	Keynote Text
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6	REMOVE EXISTING MILLWORK COUNTER, CABINETS AND SHELVING.
7	REMOVE EXISTING MECHANICAL EQUIPMENT.

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	9/15/2020
2	SED SUBMISSION: Addendum #1	01/11/2021
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

Geddis  
Architects

Architecture. Planning. Interiors

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(203) 256-8700

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International

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BGA

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39 MARBLE AVE. PLEASANTVILLE, NY 10570  
914.328.6060 GENERAL@BGA-ENG.COM www.BGA-ENG.COM

Construction Manager  
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3 Campus Drive  
Pleasantville, NY 10570  
914-769-3200

Structural Engineer  
ODEH ENGINEERS  
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12 Cold Spring Street  
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AV Consultant  
CAVANAUGH TOCCI  
327 F Boston Post Road  
Sudbury, MA 01776-3027  
978-443-7871

SED#: 6618-0001-0001-023

#### PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

10 Osborn Road, Rye NY 10580

CLASSROOMS 19-23  
DEMOLITION, FLOOR PLAN &  
REFLECTED CEILING PLAN &  
CLASSROOMS 4-9  
REFLECTED CEILING PLAN

PROJECT 1

SEAL & SIGNATURE	DATE: 01/19/21
	PROJECT No: 9200
	DRAWING BY: Author
	CHK BY: Checker
	DWG No: A2-512



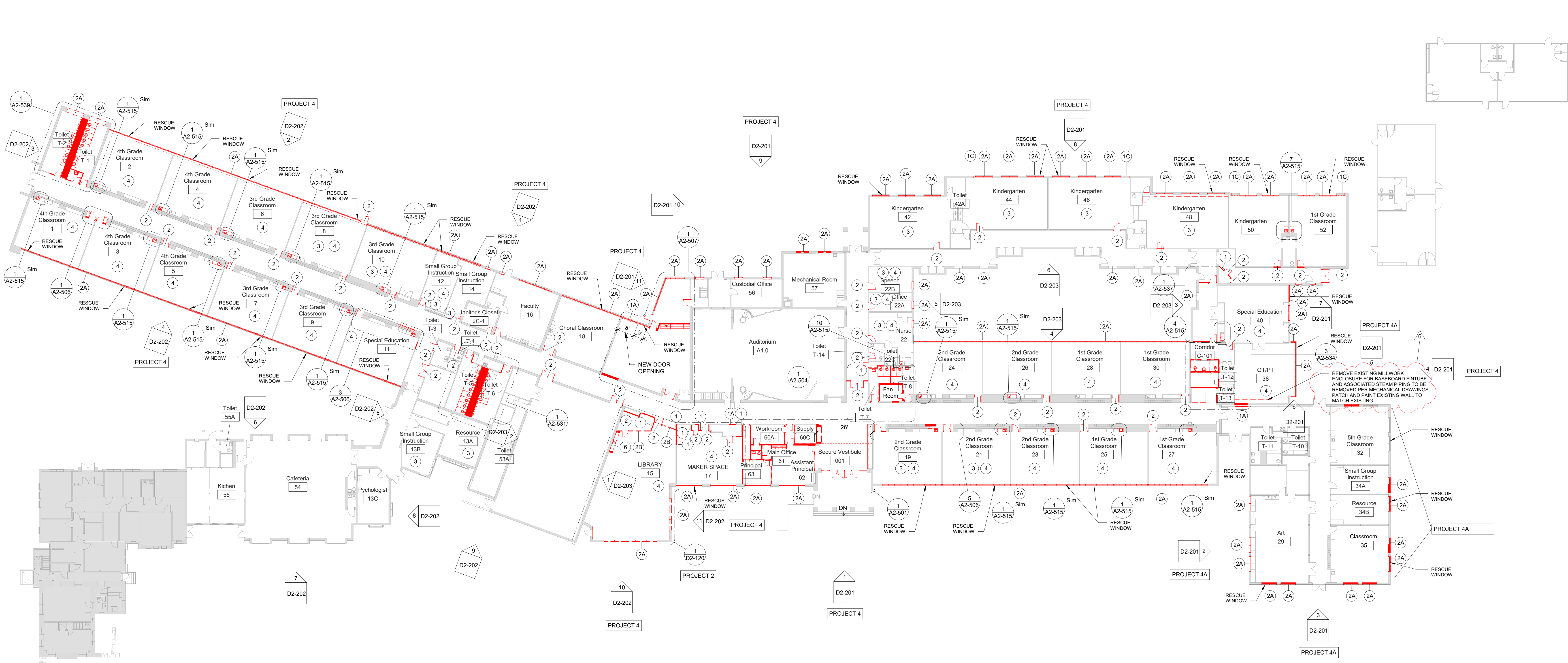




(NEW)		ELECTRICAL PANEL SCHEDULE																								
PANEL: LV-PP-2		MOUNTING: SURFACE		X	MAIN LUGS ONLY			MAIN C BKR:		GROUND BUS:		X														
208Y120, 3 PHASE, 4 WIRE		(NEMA 1)		FLUSH	DOUBLE LUGS			3200P		ISOLATED GROUND BUS:																
44 .000MIN A.I.C. SYM		IN MCC			FEED THRU LUG			MAIN BUS -		TVSS:																
NEUTRAL: 100%					SHUNT TRIP MAIN			400A		NUMBER OF POLES:		84														
CKT TRIP	LOAD	WIRE	CND.	KVA / PHASE			KVA / PHASE CND.			WIRE	LOAD	TRIP	CKT													
No. (AMP)			(IN.)	A	B	C	A	B	C (IN.)		(AMP)	No.														
1	2	RM 16 AC	2#12-1#12G	3/4	0.80		0.80			3/4	2#12-1#12G	RM 16 AC	2	2												
3	20				0.80		0.80			3/4	2#12-1#12G		20	4												
5	2	RM 18 AC	2#12-1#12G	3/4	0.80		0.80			3/4	2#12-1#12G	RM 18 AC	2	6												
7	20				0.80		0.80			3/4	2#12-1#12G		20	8												
9	2	RM 20 AC	2#12-1#12G	3/4	0.80		0.80			3/4	2#12-1#12G	RM 20 AC	2	10												
11	20				0.80		0.80			3/4	2#12-1#12G		20	12												
13	2	RM 22 AC	2#12-1#12G	3/4	0.80		0.80			3/4	2#12-1#12G	RM 22 AC	2	14												
15	20				0.80		0.80			3/4	2#12-1#12G		20	16												
17	2	RM 23 AC	2#12-1#12G	3/4	0.80		0.80			3/4	2#12-1#12G	RM 23 AC	2	18												
19	20				0.80		0.80			3/4	2#12-1#12G		20	20												
21	2	RM 21 AC	2#12-1#12G	3/4	0.80		0.80			3/4	2#12-1#12G	RM 21 AC	2	22												
23	20				0.80		0.80			3/4	2#12-1#12G		20	24												
25	2	RM 19 AC	2#12-1#12G	3/4	0.80		0.80			3/4	2#12-1#12G	RM 19 AC	2	26												
27	20				0.80		0.80			3/4	2#12-1#12G		20	28												
29	2	RM 17 AC	2#12-1#12G	3/4	0.80		0.80			3/4	2#12-1#12G	RM 17 AC	2	30												
31	20				0.80		0.80			3/4	2#12-1#12G		20	32												
33	2	ERU 7	2#12-1#12G	3/4	1.10		1.10			3/4	2#12-1#12G	ERU 8	2	34												
35	20				1.10		1.10			3/4	2#12-1#12G		20	36												
37	2	ERU 5	2#12-1#12G	3/4	1.10		1.10			3/4	2#12-1#12G	ERU 6	2	38												
39	20				1.10		1.10			3/4	2#12-1#12G		20	40												
41	20	ROOF GR	2#12-1#12G	3/4	0.50					-	-	SPARE	20	42												
43	2	ERU 3	2#12-1#12G	3/4	1.10		1.10			3/4	2#12-1#12G	ERU-4	2	44												
45	20				1.10		1.10			3/4	2#12-1#12G		20	46												
47	2	ERU-1	2#12-1#12G	3/4	1.10		1.10			3/4	2#12-1#12G	ERU-2	2	48												
49	20				1.10		1.10			3/4	2#12-1#12G		20	50												
51	3	RTU-1	3#6-1#10G	3/4	4.60		4.60			3/4	2#12-1#12G	CU-C	2	52												
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55	3				4.60		4.60			3/4	2#12-1#12G	ERU-9	2	56												
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59	3	RTU-2	3#6-1#10G	3/4	4.60		4.60			3/4	2#12-1#12G	ERU-10	2	60												
61	40				4.60		4.60			3/4	2#12-1#12G		20	62												
63	3	EH-2	3#10-1#10G	3/4	1.00		1.00			3/4	2#12-1#12G	COMM. CTRL PANEL	20	64												
65	30				1.00		1.00			3/4	2#12-1#12G		20	66												
67	30	SPACE	-	-						-	-	SPARE	20	68												
69	20	SPACE	-	-						-	-	SPACE	20	70												
71	20	SPACE	-	-						-	-	SPACE	20	72												
73	20	SPACE	-	-						-	-	SPACE	20	74												
75	20	SPACE	-	-						-	-	SPACE	20	76												
77	20	SPACE	-	-						-	-	SPACE	20	78												
79	20	SPACE	-	-						-	-	SPACE	20	80												
81	20	SPACE	-	-						-	-	SPACE	20	82												
83	20	SPACE	-	-						-	-	SPACE	20	84												
SUBTOTALS					###	###	###	9.8	10.9	8.5	SUBTOTALS															
TOTAL LOADS					27.9	KVA	PHASE A	LIGHTING:		0.00	KVA															
					28.4	KVA	PHASE B	RECEPTACLE:		0.00	KVA															
					25.4	KVA	PHASE C	KITCHEN:		0.00	KVA															
TOTAL CONN. LOAD					81.7	KVA	227	A	MOTOR:		81.24	KVA														
TOTAL DEMAND LOAD					81.7	KVA	227	A	POWER:		0.50	KVA														
								TOTAL:			81.74	KVA														

NEW		ELECTRICAL PANEL SCHEDULE																	
PANEL: PP-AR		MOUNTING: SURFACE		X	MAIN LUGS ONLY			MAIN C BKR:		GROUND BUS:		X							
208Y120, 3 PHASE, 4 WIRE		(NEMA 1)		FLUSH	DOUBLE LUGS			100A/3P		ISOLATED GROUND BUS:									
.14 .000MIN A.I.C. SYM		IN MCC			FEED THRU LUG			MAIN BUS -		TVSS:									
NEUTRAL: 100%					SHUNT TRIP MAIN			100 A		NUMBER OF POLES:		56							
CKT	TRIP	LOAD	WIRE	CND.	KVA / PHASE			KVA / PHASE CND.			WIRE	LOAD	TRIP	CKT					
No.	(AMP)			(IN.)	A	B	C	A	B	C (IN.)		(AMP)	No.						
1	20	RECEP 14G	2#12-1#12G	3/4	0.72			0.90			3/4	2#12-1#12G	RECEP 14F	20	2				
3	20	RECEP 14E	2#12-1#12G	3/4		0.90		0.90			3/4	2#12-1#12G	RECEP 14D	20	4				
5	20	RECEP 14A	2#12-1#12G	3/4			0.90		0.90		3/4	2#12-1#12G	RECEP 14B	20	6				
7	20	RECEP 14C	2#12-1#12G	3/4	0.90			0.34			3/4	2#12-1#12G	CORR RECP	20	8				
9	20	CORR RECP	2#12-1#12G	3/4		0.34			0.20		3/4	2#12-1#12G	GR	20	10				
11	2	HP-A	2#12-1#12G	3/4			0.25			0.25	3/4	2#12-1#12G	HP-A&D	2	12				
13	20				0.25				0.25		3/4	2#12-1#12G		20	14				
15	2	HP-B&D	2#12-1#12G	3/4			0.25			0.25	3/4	2#12-1#12G	HP-B&E	2	16				
17	20					0.25			0.25		3/4	2#12-1#12G		20	18				
19	20	LIGHTING	2#12-1#12G	3/4	0.50			0.50			3/4	2#12-1#12G	LIGHTING	20	20				
21	20	CORR LIGHTING	2#12-1#12G	3/4	0.50			0.50			3/4	2#12-1#12G	LIGHTING	20	22				
23	20	WORK ROOM	2#12-1#12G	3/4			0.50		0.50		3/4	2#12-1#12G	14F GR	20	24				
25	3				1.00						-	-	SPARE	20	26				
27	30	EH-2	3#10-1#10G	3/4			1.00				-	-	SPARE	20	28				
29	30						1.00				-	-	SPARE	20	30				
31	20	SPARE	-	-							-	-	SPARE	20	32				
33	20	SPARE	-	-							-	-	SPARE	20	34				
35	20	SPARE	-	-							-	-	SPARE	20	36				
37	20	SPARE	-	-							-	-	SPARE	20	38				
39	20	SPARE	-	-							-	-	SPARE	20	40				
41	20	SPARE	-	-							-	-	SPARE	20	42				
43	20	SPARE	-	-							-	-	SPARE	20	44				
45	20	SPARE	-	-							-	-	SPARE	20	46				
47	20	SPARE	-	-							-	-	SPARE	20	48				
49	20	SPARE	-	-							-	-	SPARE	20	50				
51	20	SPARE	-	-							-	-	SPARE	20	52				
53	20	SPARE	-	-							-	-	SPARE	20	54				
SUB/TOTALS					3.37	3.39	2.90	1.99	1.85	1.90	SUB/TOTALS								
TOTAL LOADS					5.4 KVA	PHASE A						LIGHTING:	2.40 KVA						
					5.2 KVA	PHASE B						RECEPTACLE:	0.00 KVA						
					4.8 KVA	PHASE C						KITCHEN:	0.00 KVA						
TOTAL CONN. LOAD					15.4 KVA	43.0	A					MOTOR:	5.00 KVA						
TOTAL DEMAND LOAD					15.4 KVA	43.0	A					POWER:	8.00 KVA						
												TOTAL:	15.40 KVA						





# 1 First Floor Demo Plan - Phase 2

SCALE: 1" = 20'-0"

## DEMO LEGEND

- DEMO EXISTING WALLS & DOORS
- DEMO EXISTING WALL FINISHES
- AREA NOT IN SCOPE

## DEMOLITION KEYNOTE LEGEND PHASE 2

Key Value	Keynote Text
1	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY.
1A	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A DOOR OPENING. SEE DOOR SCHEDULE.
1B	REMOVE EXISTING GYP. BD/ TILE ON TAG SIDE OF THE WALL. EXISTING STUDS TO REMAIN.
1C	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A WINDOW OPENING. SEE WINDOW TYPES.
2	REMOVE EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE.
2A	REMOVE EXISTING EXTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
2B	REMOVE EXISTING INTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
3	REMOVE EXISTING FLOORING, BASE, ADHESIVE AND ALL APPLIED ACCESSORIES. FLASH PATCH AS REQUIRED TO ACHIEVE SMOOTH AND LEVEL SUBSTRATE PER MANUF. SPEC. FOR NEW FLOORING. PITCH TO NEW FLOOR DRAINS.
4	REMOVE EXISTING GYP. BD. CEILINGS, CEILING GRID, TILES & SOFFITS BELOW STRUCTURAL DECK. REMOVE EXISTING LIGHT FIXTURES AND DEVICES.
5	REMOVE EXISTING PLUMBING FIXTURES, TOILET PARTITIONS & ASSOCIATED PLUMBING AND ACCESSORIES.
6	REMOVE EXISTING MILLWORK COUNTER, CABINETS AND SHELVING.
6A	REMOVE EXISTING LOCKERS AND ASSOCIATED HARDWARE.

## KEYNOTES

- APPROVED IN PHASE 1, SED #6618001-0003-024 ON 03/16/20

## BID PROJECTS

PROJECT 1: ALL WORK NOT INCLUDED IN PROJECTS 2 & 4 LISTED BELOW

ALTERNATE 1A: NEW CEILING & LIGHTING TO GO WITH GREY BOX HVAC WORK.

ALTERNATE 1B: GREY BOX COMPLETE RENOVATION

ALTERNATE 1C: CEILING AND LIGHTING IN CLASSROOMS

ALTERNATE 1D: CAFETERIA HVAC

PROJECT 2: LIBRARY RENOVATION

ALTERNATE 2A: TELECOIL HEARING LOOP FOR LIBRARY

ALTERNATE 2B: KIVA TIERED SEATING FOR LIBRARY

ALTERNATE 2C: ACOUSTIC CEILING BAFFLES FOR LIBRARY

PROJECT 3: NOT USED

PROJECT 4: WINDOW REPLACEMENT & CAFETERIA ROOF REPLACEMENT

ALTERNATE 4A: 2006 WING WINDOW REPLACEMENT

## MIDLAND KEY PLAN

1" = 100'

## Revision Schedule

No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
6	BID ADDENDUM #2	02/05/2021

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978-443-7871

SED#: 6618-0001-0003-025

## PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

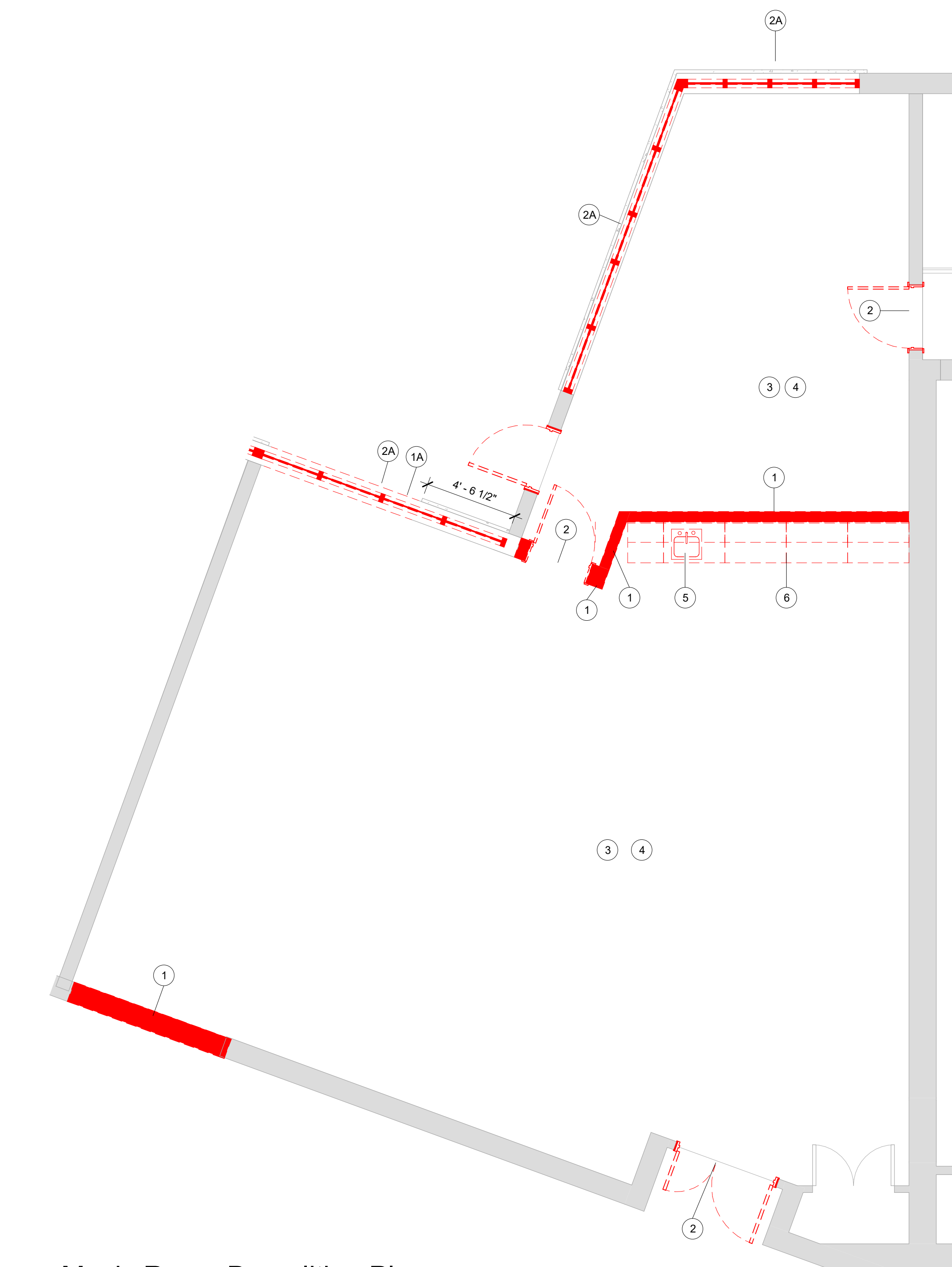
312 Midland Ave, Rye NY 10580

## FIRST FLOOR DEMOLITION PLAN

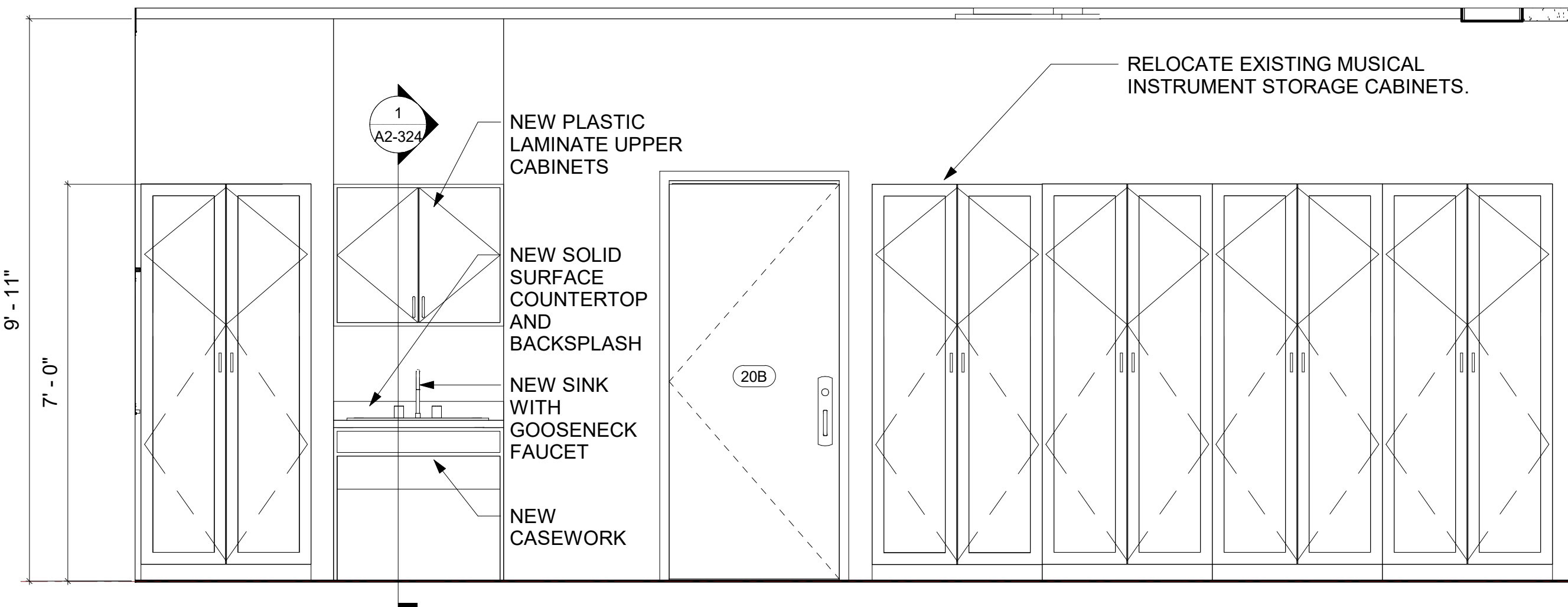
PROJECTS 1, 2 & 4

SEAL & SIGNATURE DATE: 02/18/20  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: D2-101





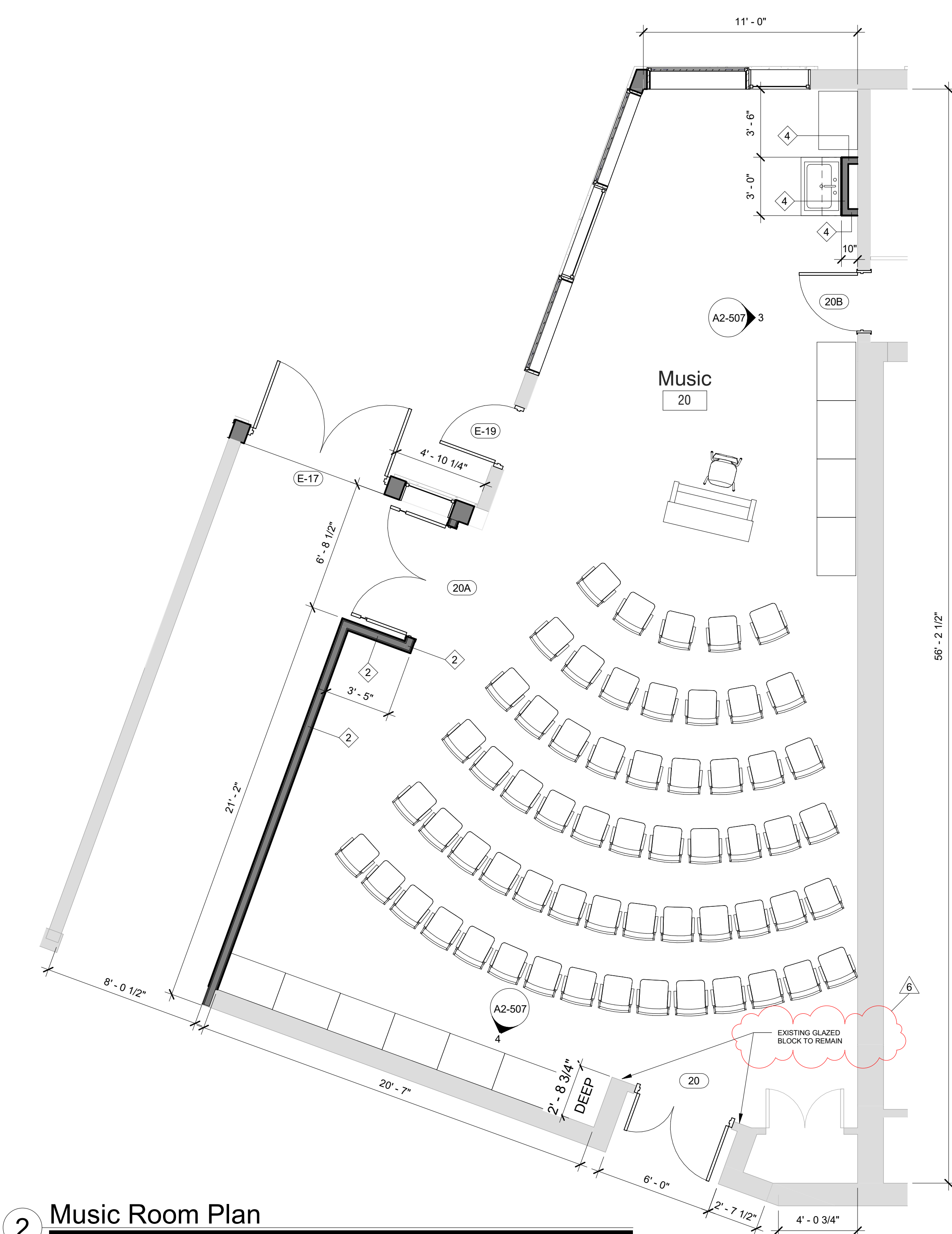
1 Music Room Demolition Plan  
SCALE: 1/4" = 1'-0"



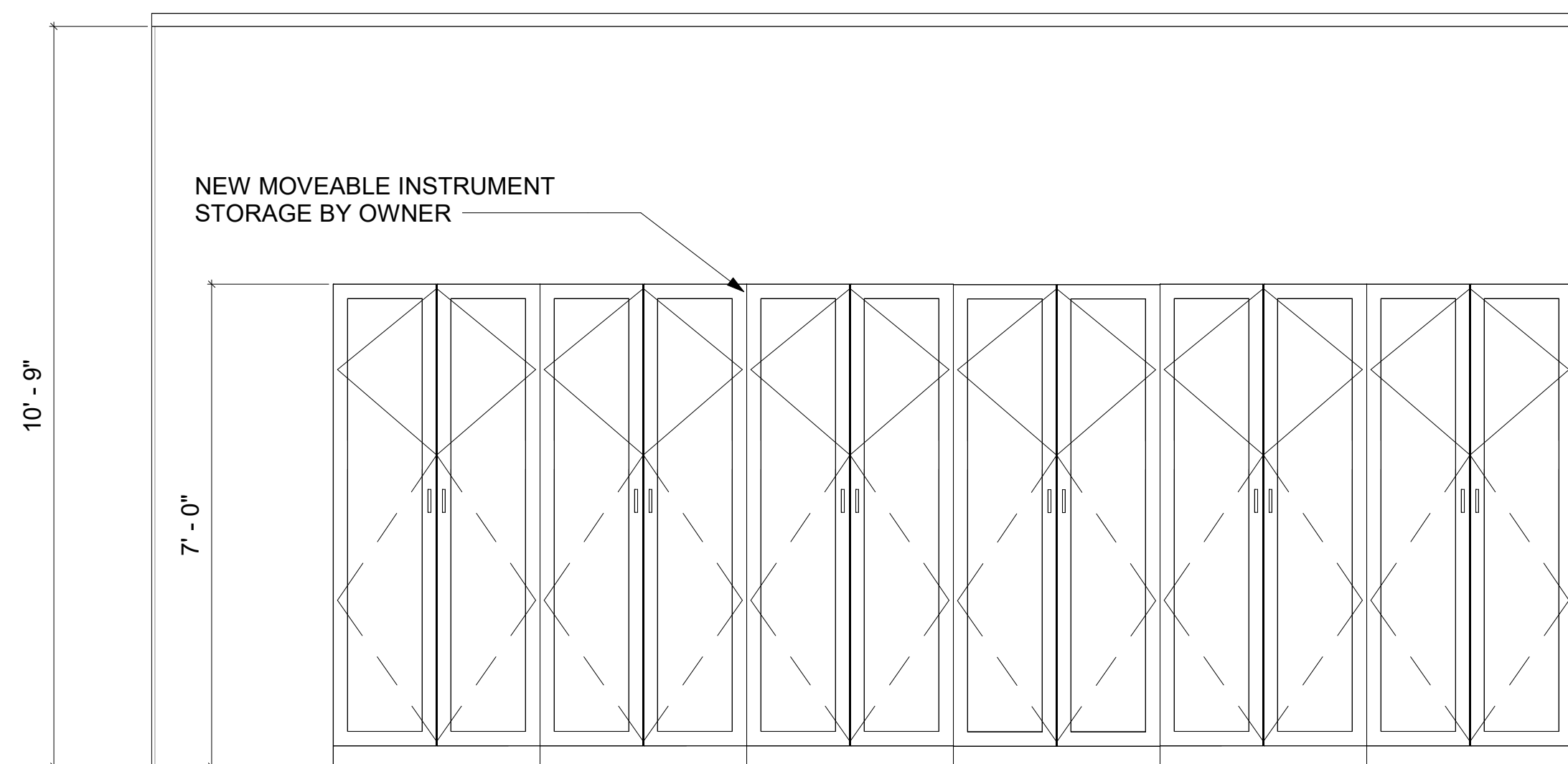
3 Music Classroom Cabinets and New Sink  
SCALE: 1/2" = 1'-0"

- DEMO LEGEND**
- DEMO EXISTING WALLS & DOORS
  - - - DEMO EXISTING WALL FINISHES
  - AREA NOT IN SCOPE

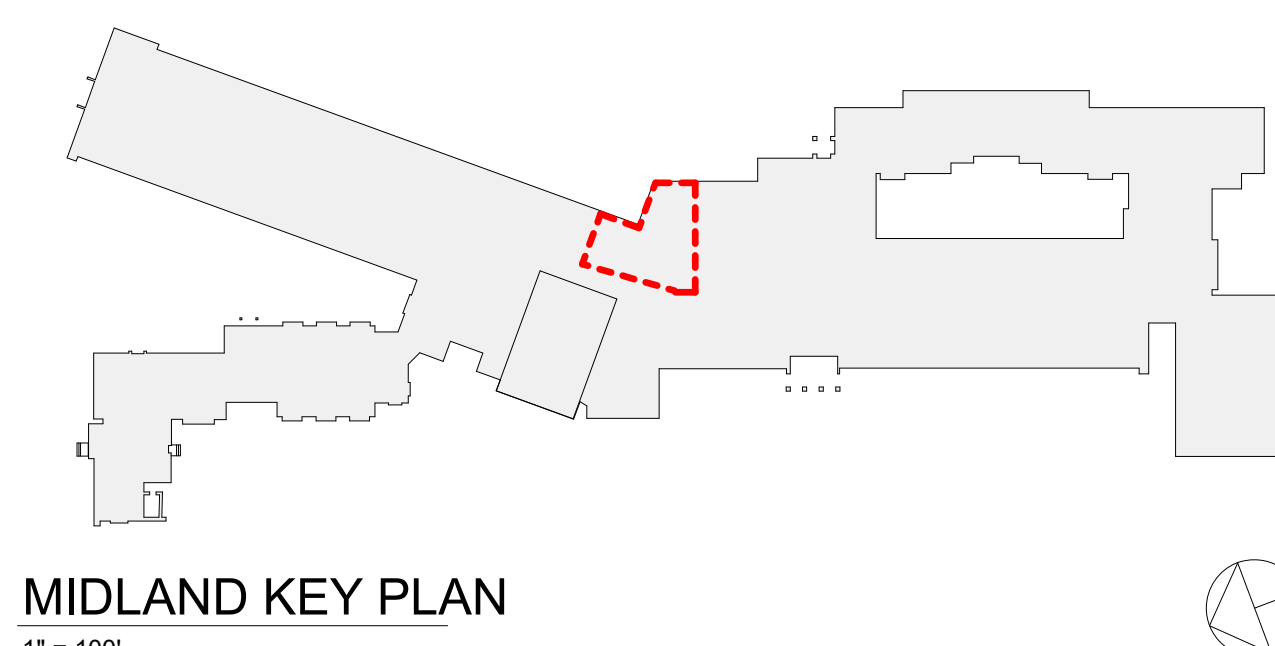
DEMOLITION KEYNOTE LEGEND PHASE 2	
Key Value	Keynote Text
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2 Music Room Plan  
SCALE: 1/4" = 1'-0"



4 Music Classroom Cabinets  
SCALE: 1/2" = 1'-0"



MIDLAND KEY PLAN  
1" = 100'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
6	BID ADDENDUM #2	02/05/2021

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Sudbury, MA 01776-3027  
978-443-7871

SED#: 6618-0001-0003-025

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

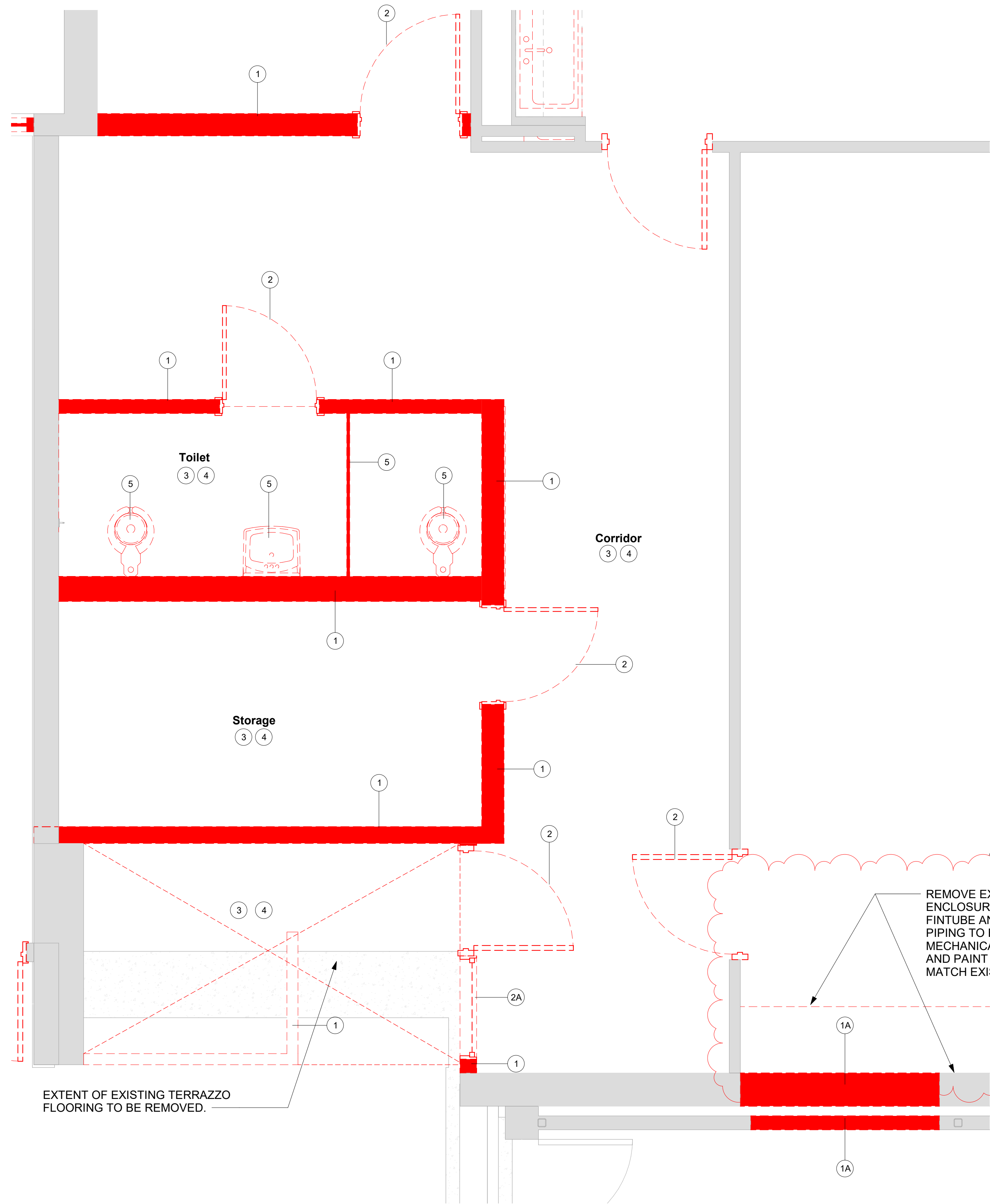
312 Midland Ave, Rye NY 10580

MUSIC ROOM DEMO AND FLOOR PLAN

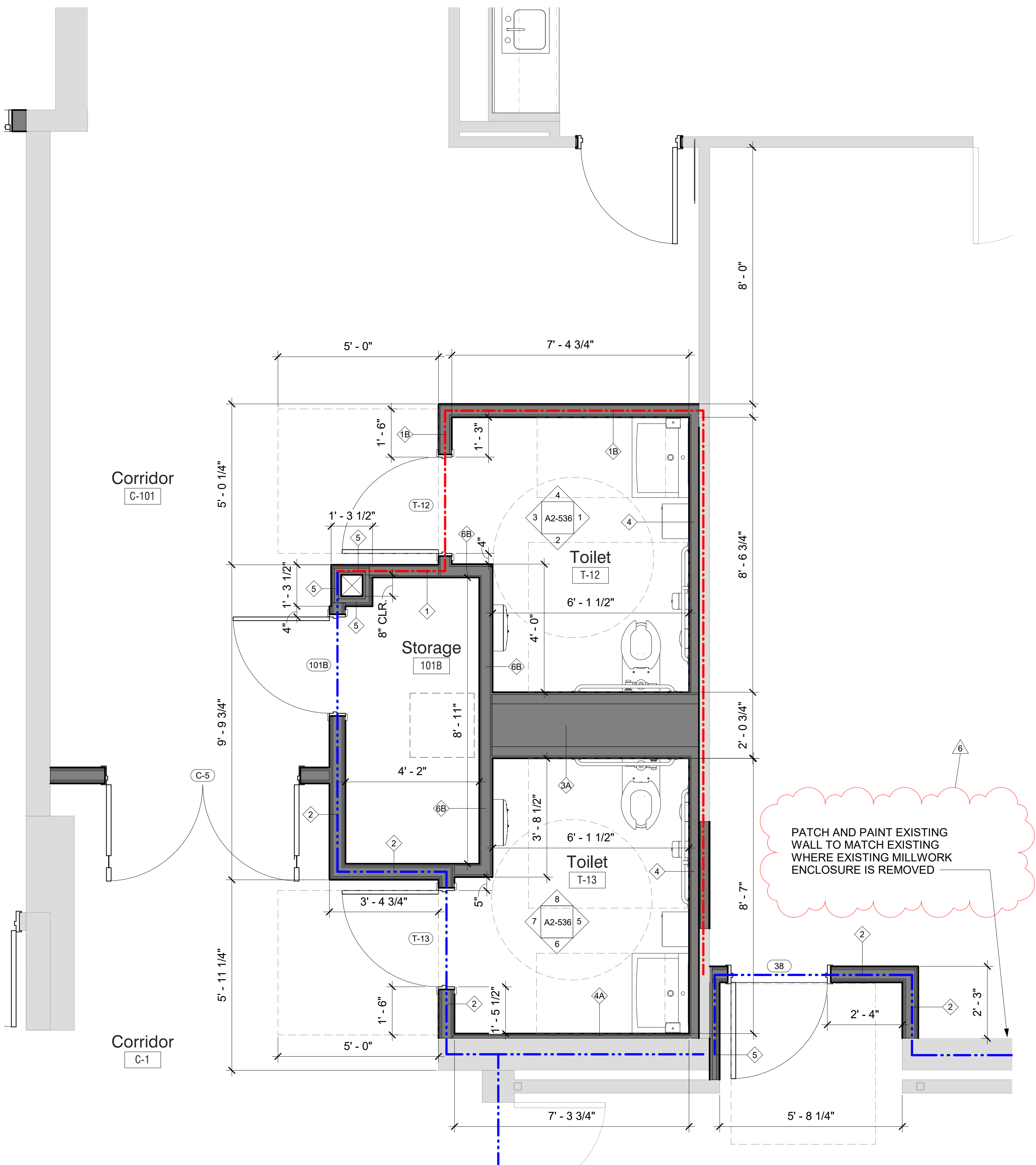
PROJECT 1

SEAL & SIGNATURE DATE: 02/27/20  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-507





3 FIRST FLOOR TOILET ROOM & STORAGE CLOSET DEMO PLAN  
SCALE: 1/2" = 1'-0"



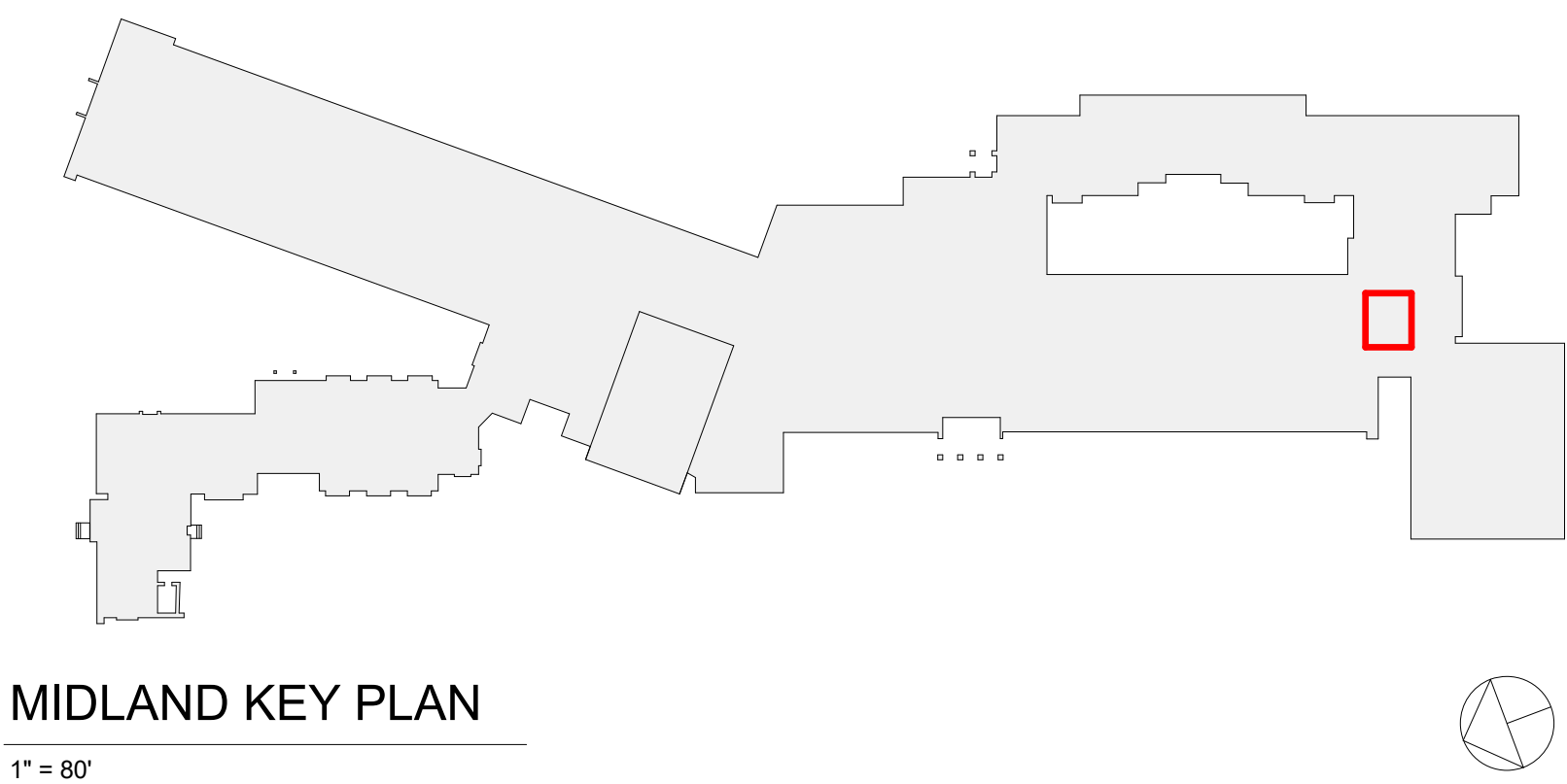
1 FIRST FLOOR TOILET ROOMS #T-12, #T-13 & STORAGE 38A FLOOR PLAN  
SCALE: 1/2" = 1'-0"

**LEGEND**

--- 1-HR RATED FIRE PARTITION

--- 2-HR RATED FIRE BARRIER

DEMOLITION KEYNOTE LEGEND	
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Revision Schedule		
No.	Description	Date
	SED Submission: Revision 1	10/15/2019
	SED Submission: Addendum #1	01/17/2020
	Issued For Bid	02/07/2020
	Bidding Addendum #4	03/05/2020
3	ISSUED FOR BID	01/19/2021
6	BID ADDENDUM #2	02/05/2021

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Sudbury, MA 01776-3027  
978-443-7871

SED#: 6618-0001-0003-025

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

312 Midland Ave, Rye NY 10580

ENLARGED TOILET & ADJACENT CORRIDOR PLANS, ELEVATIONS & DETAILS

PROJECT 1

SEAL & SIGNATURE | DATE: 10/15/19  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-534



Revision Schedule		
No.	Description	Date
	SED Submission: Revision 1	10/15/2019
	Issued For Bid	02/07/2020
3	ISSUED FOR BID	01/19/2021
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PROJECT

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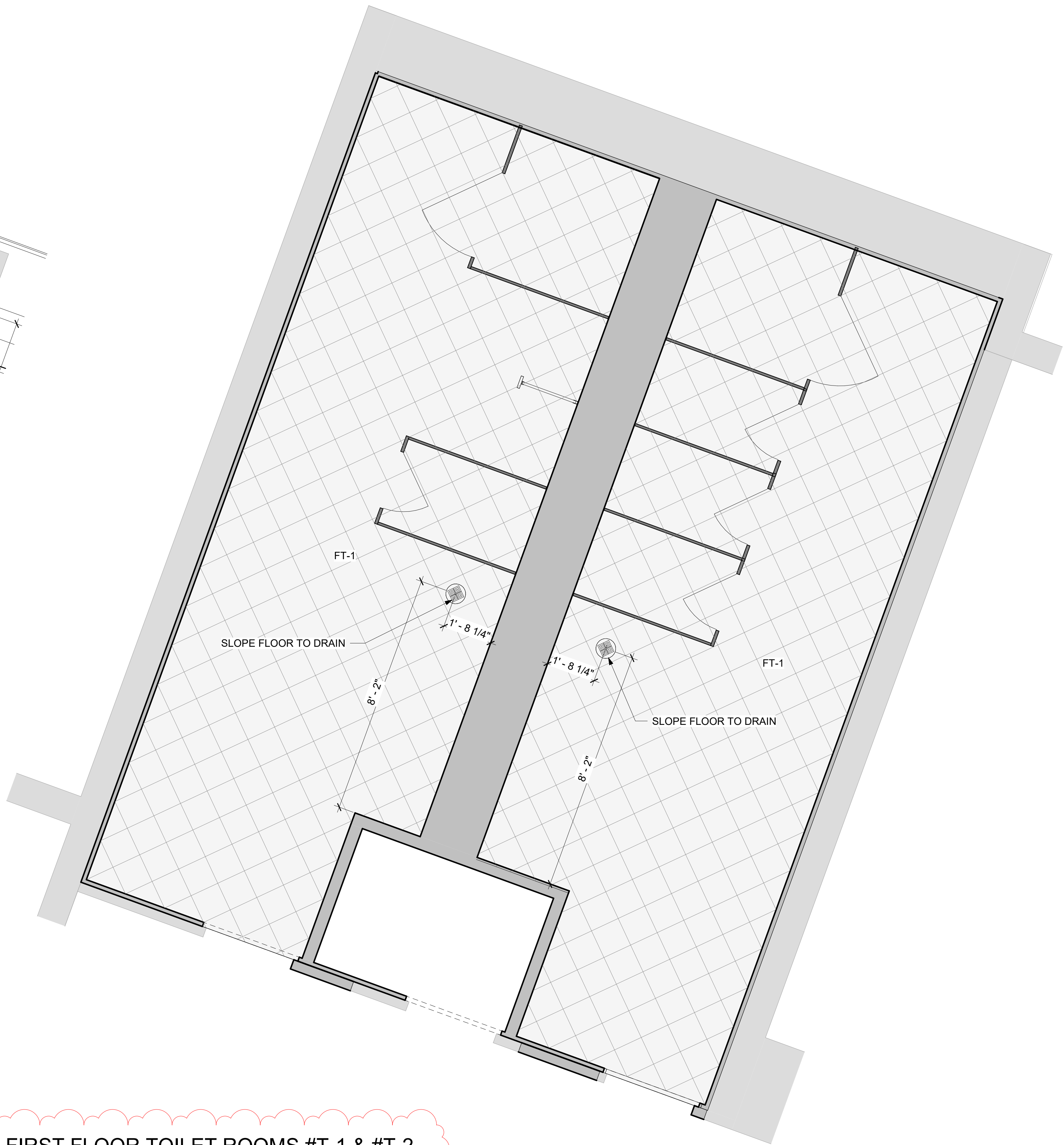
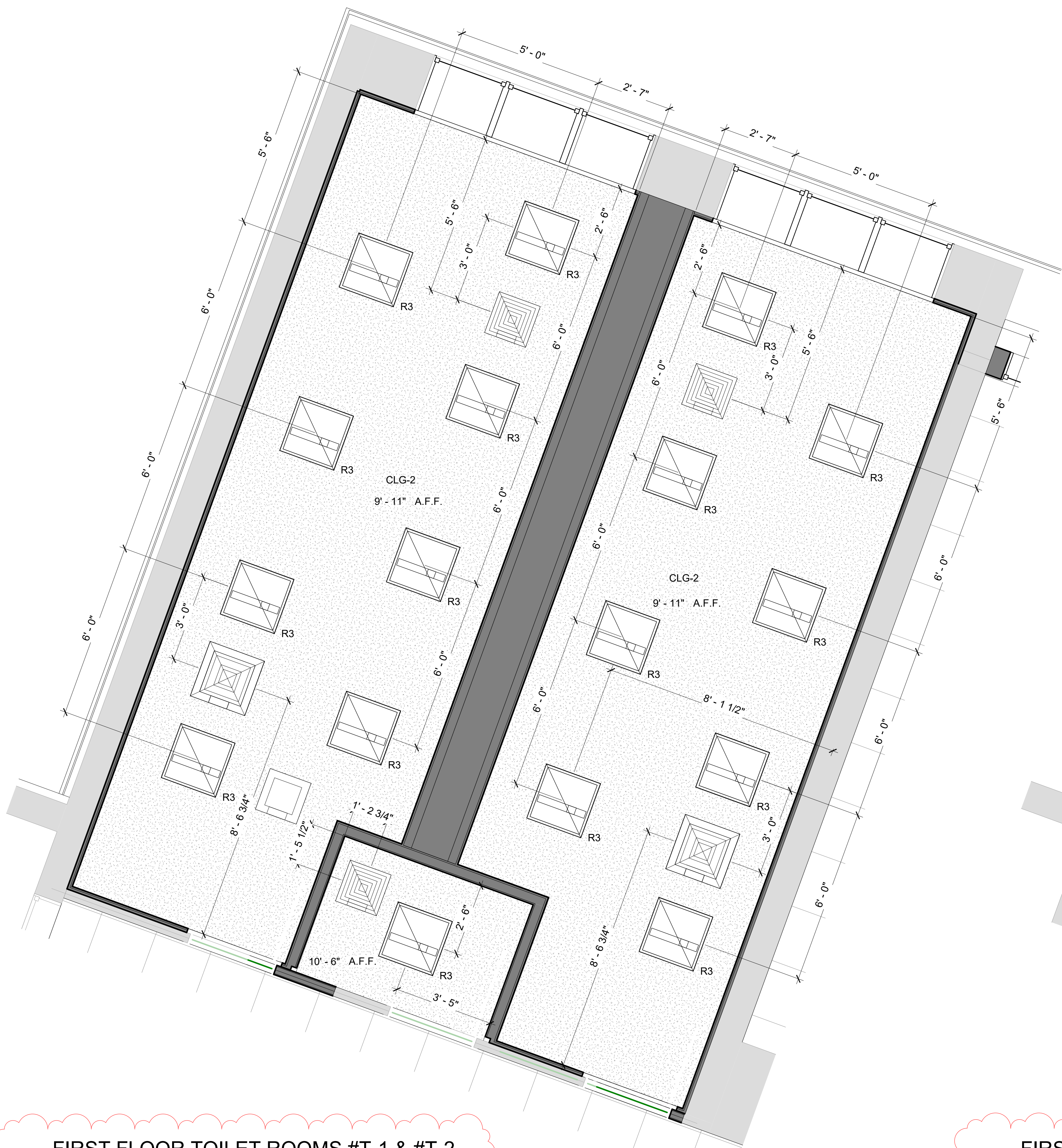
Midland Elementary School

312 Midland Ave, Rye NY 10580

ENLARGED TOILET PLANS,  
ELEVATIONS & DETAILS

PROJECT 1

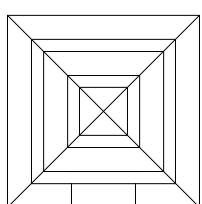
SEAL & SIGNATURE | DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-540



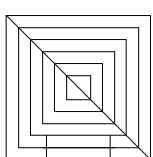
1 FIRST FLOOR TOILET ROOMS #T-1 & #T-2  
REFLECTED CEILING PLAN

2 FIRST FLOOR TOILET ROOMS #T-1 & #T-2  
FLOOR PATTERN PLAN

LEGEND



SUPPLY DIFFUSER: SEE  
MECH. DWGS FOR INFO



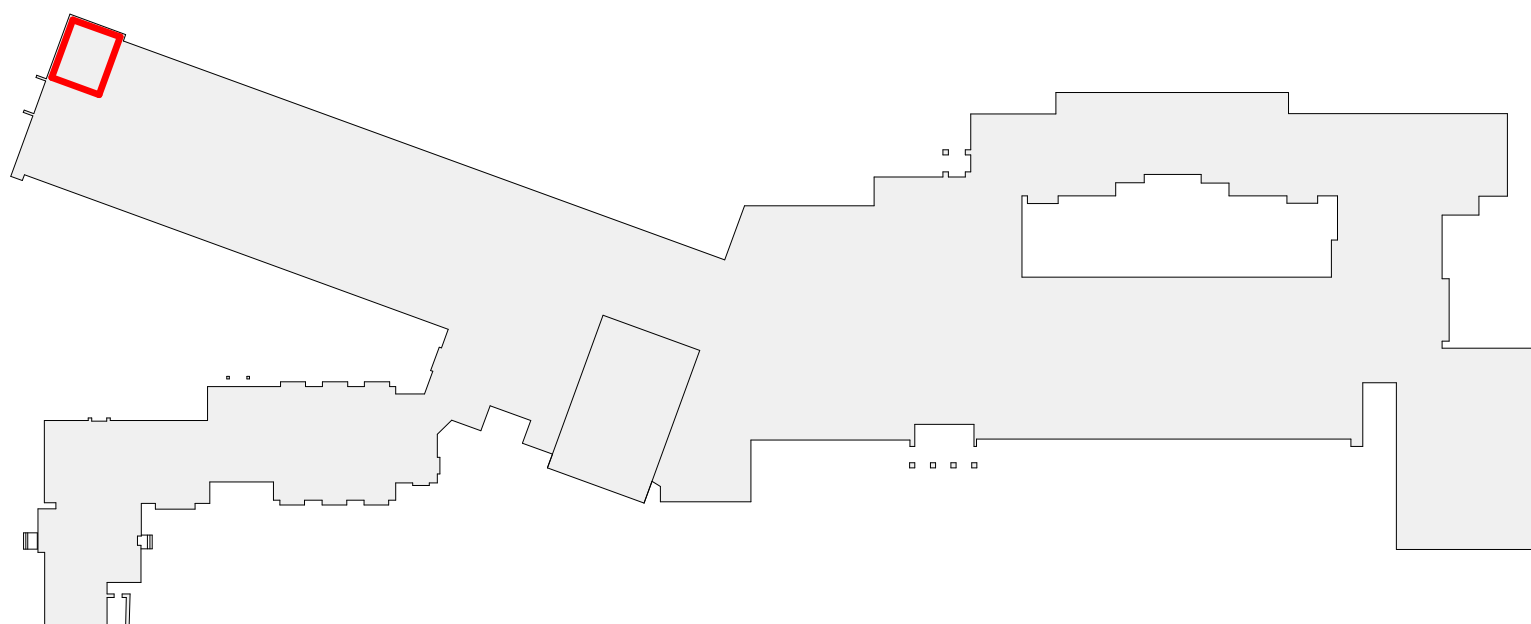
RETURN FAN:SEE MECH.  
DWGS FOR INFO



NEW FLOOR DRAIN

NOTES

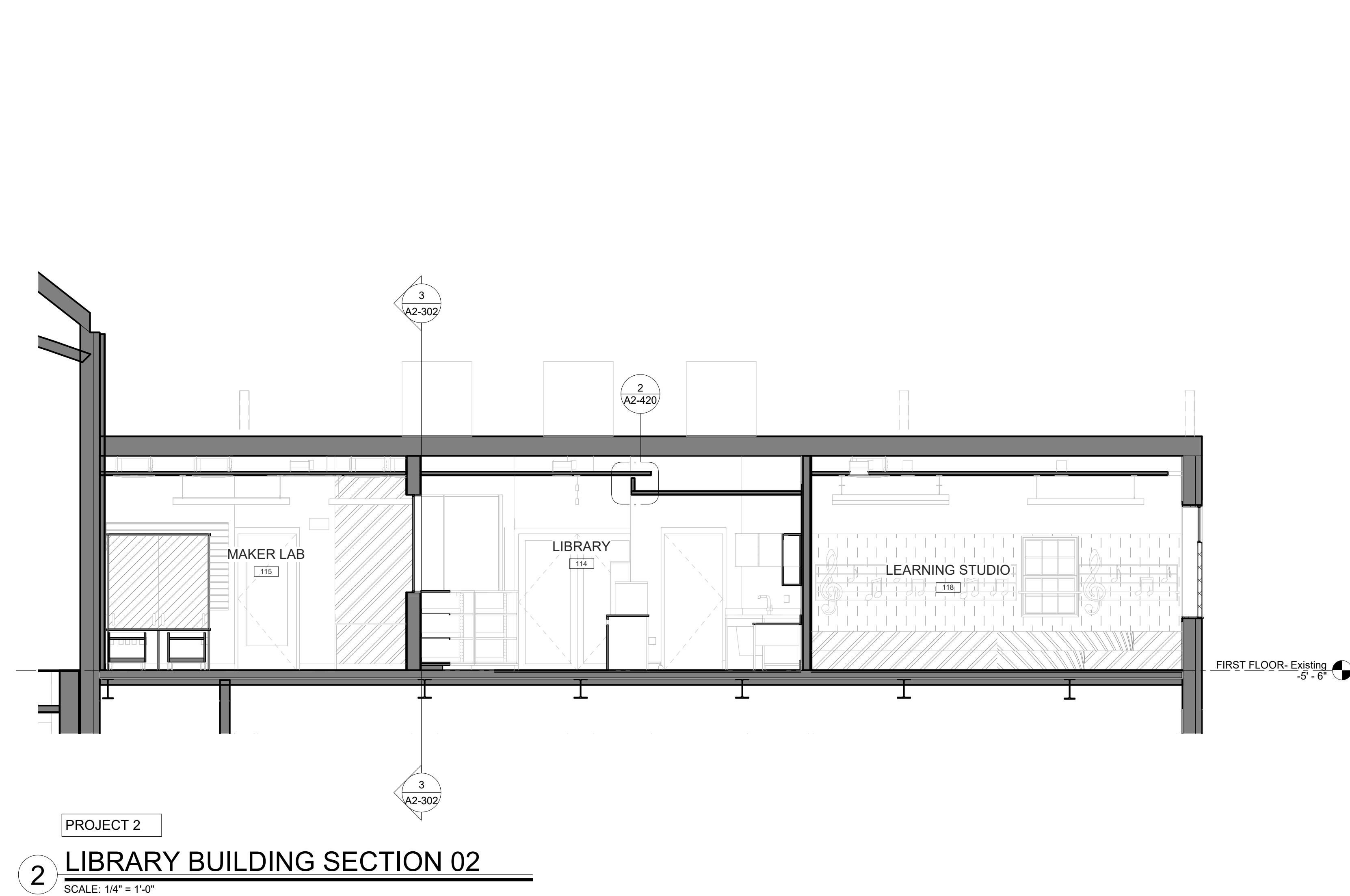
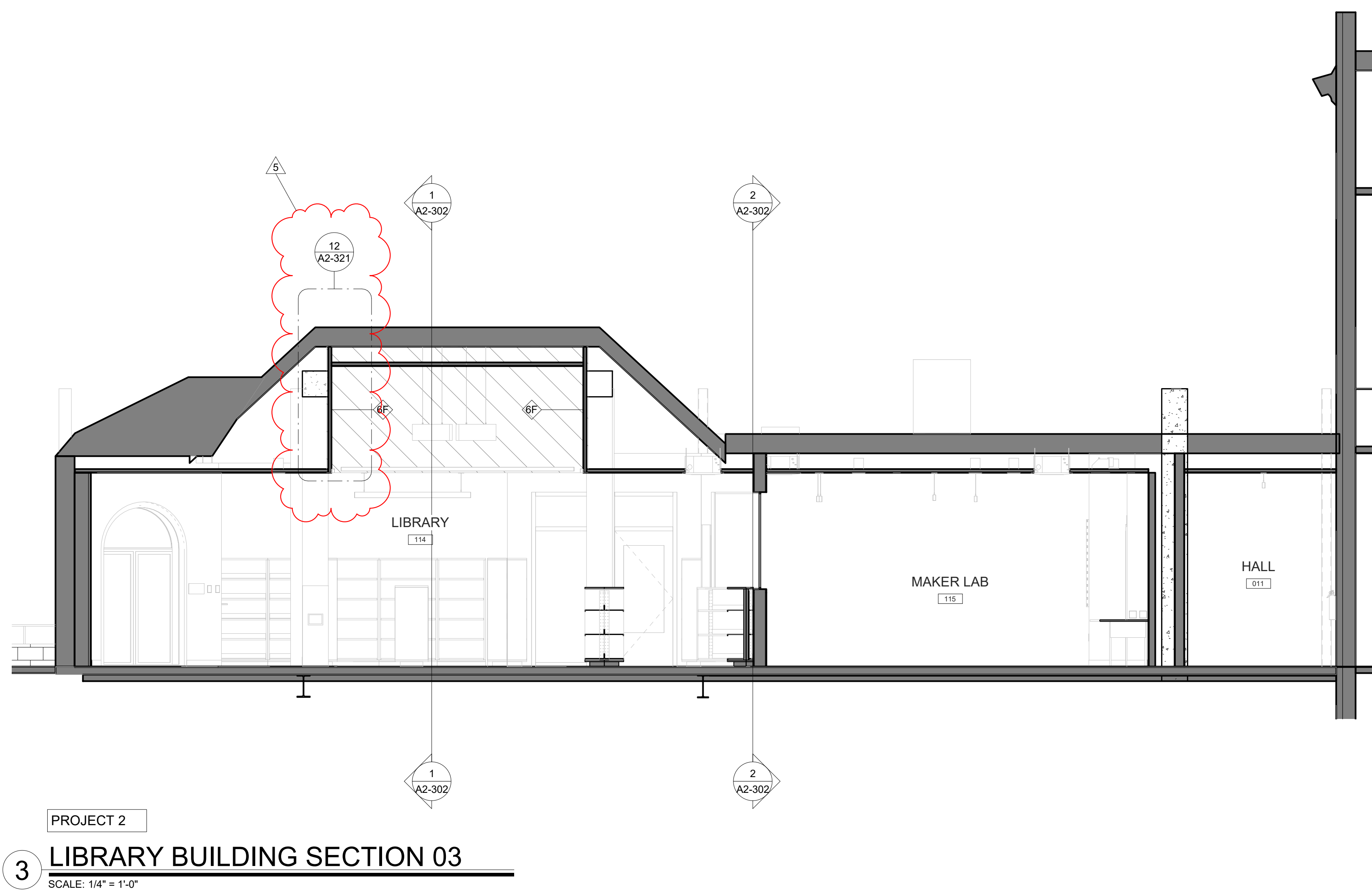
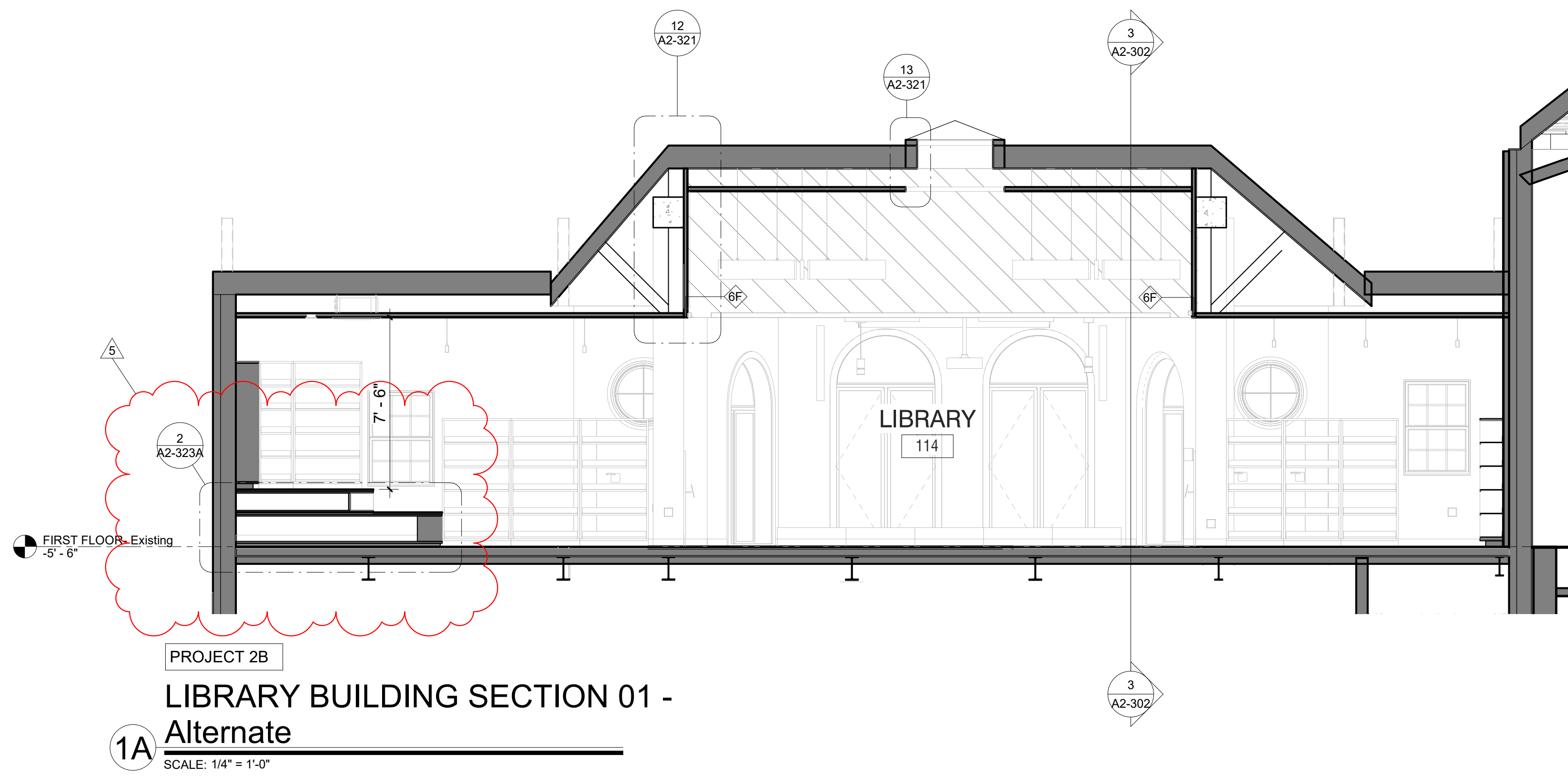
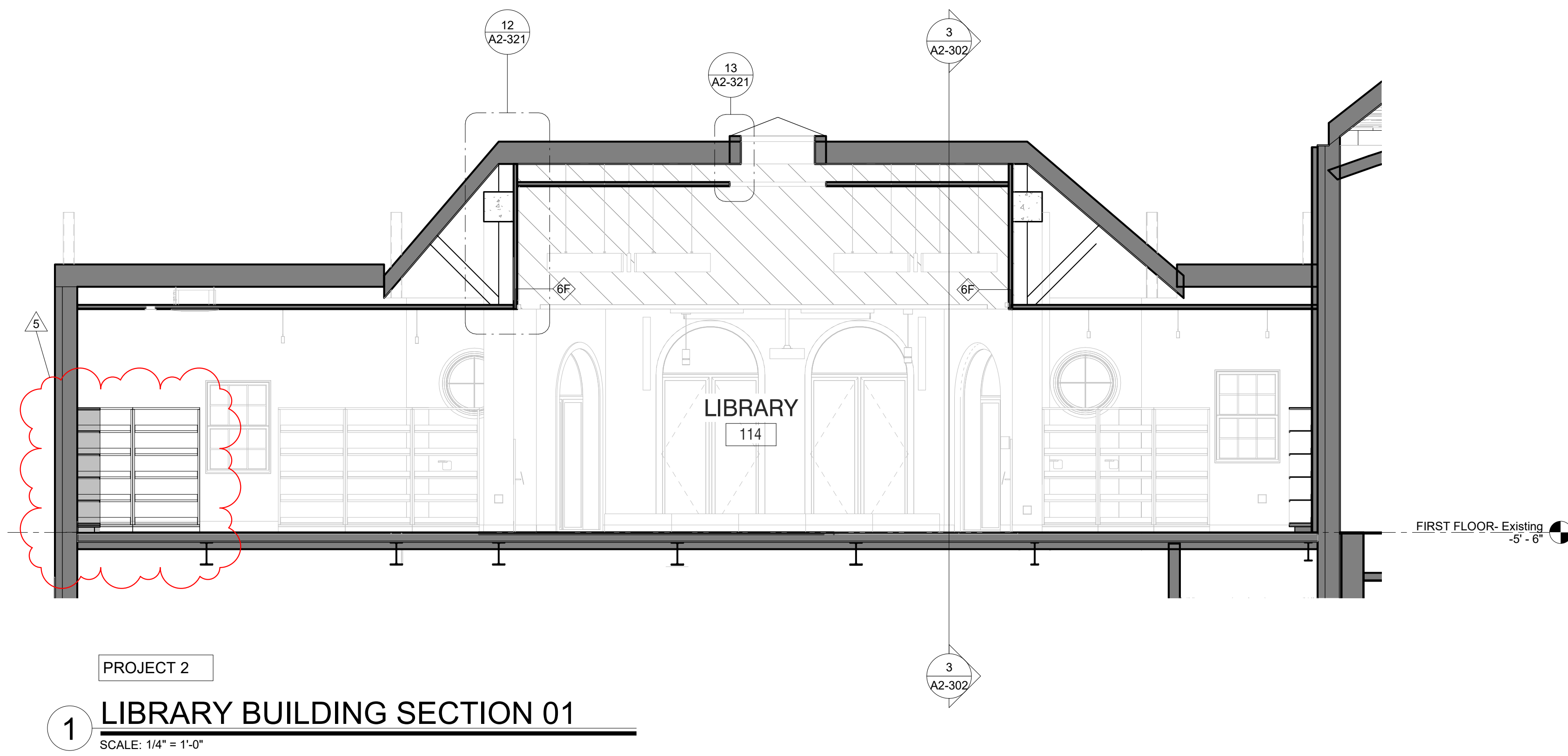
1. SEE DRAWING A2-400 FOR CEILING  
FIXTURE AND MATERIAL LEGENDS.
2. SEE DRAWING A2-700 FOR FINISH  
MATERIALS LEGEND.



MIDLAND KEY PLAN

1" = 80'





Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09-15-2020
2	SED SUBMISSION: Addendum #1	01-11-2021
3	ISSUED FOR BID	01-19-2021
5	BID ADDENDUM #2	02-05-2021

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914-769-3200  
**Structural Engineer**  
ODEH ENGINEERS  
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401-724-1771  
**Civil Engineer**  
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Albany, NY 12205  
518-463-4400  
**Roof Consultant**  
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914-948-3450  
**Acoustic Consultant**  
DP DESIGN  
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Providence, RI  
401-861-3218  
**AV Consultant**  
CAVANAUGH TOCCI  
327 F Boston Post Road  
Sudbury, MA 01776-3027  
978-443-7871

SED#: 6618-0001-0002-015

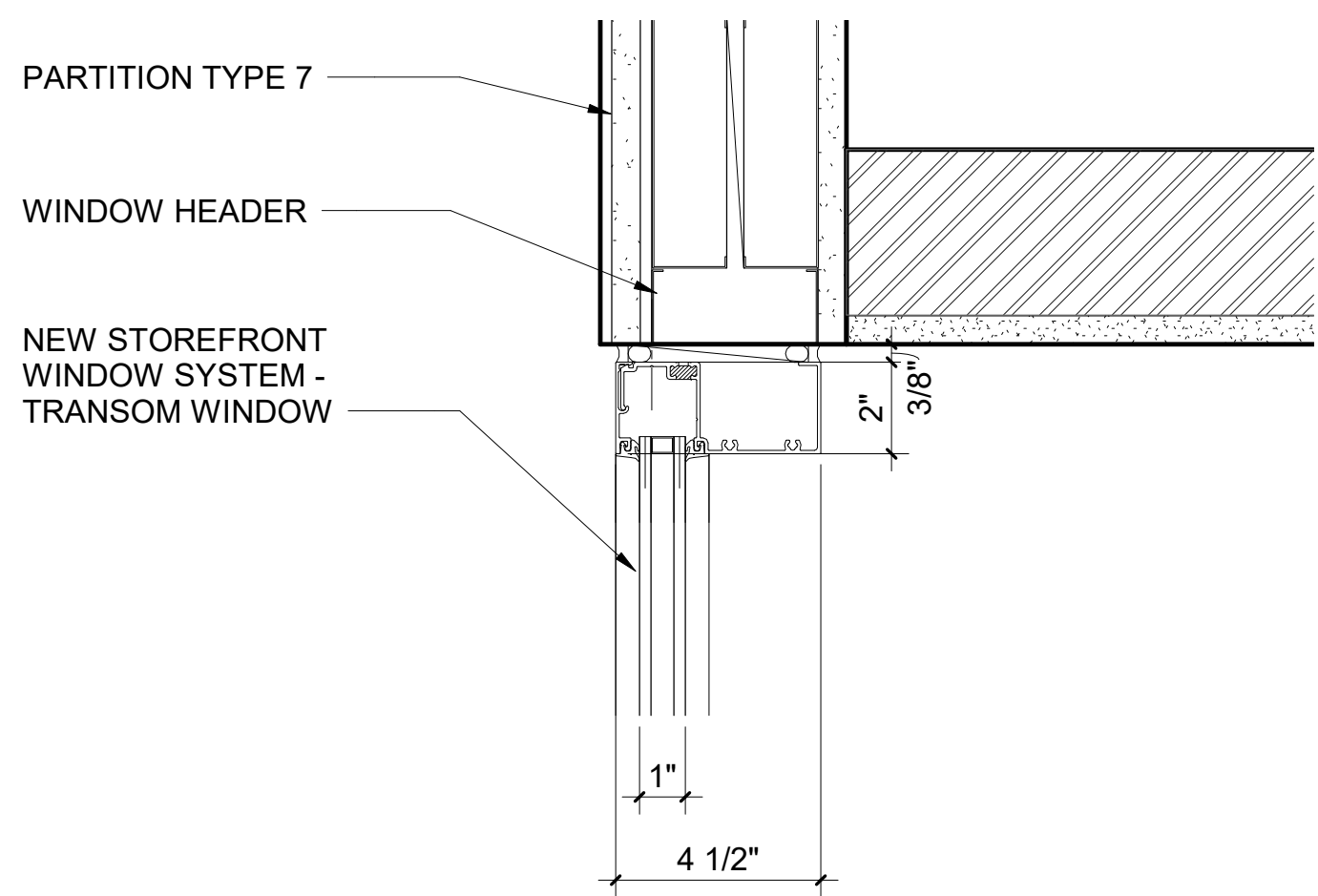
**PROJECT**  
**Rye City Schools**  
555 Theodore Fremd Ave, Suite B-101  
**Milton Elementary School**  
12 Hewlett St, Rye, NY 10580

**LIBRARY BUILDING SECTIONS and ALTERNATE**

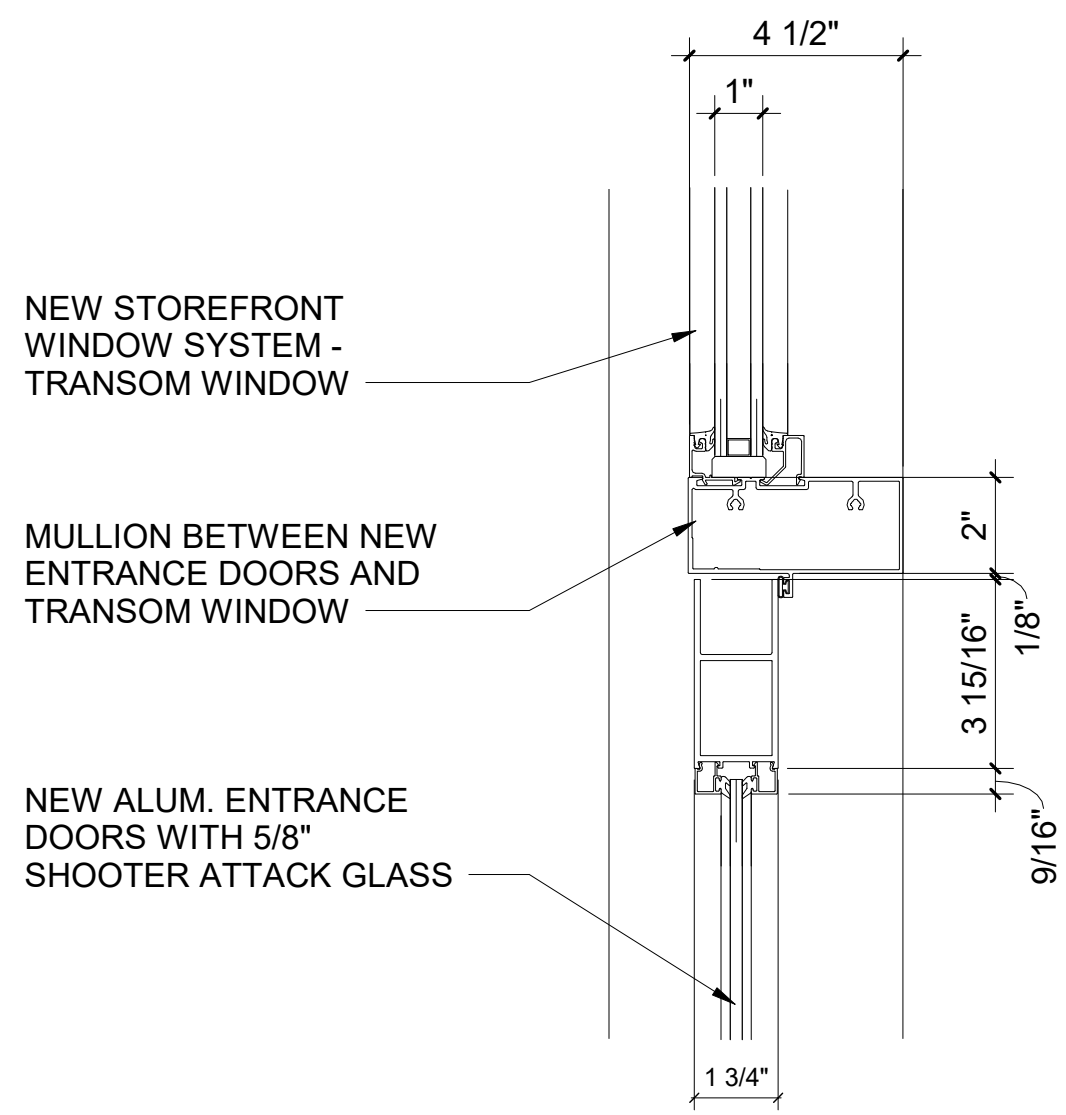
**PROJECT 2 & 2B**

SEAL & SIGNATURE DATE: 06/10/20  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-302

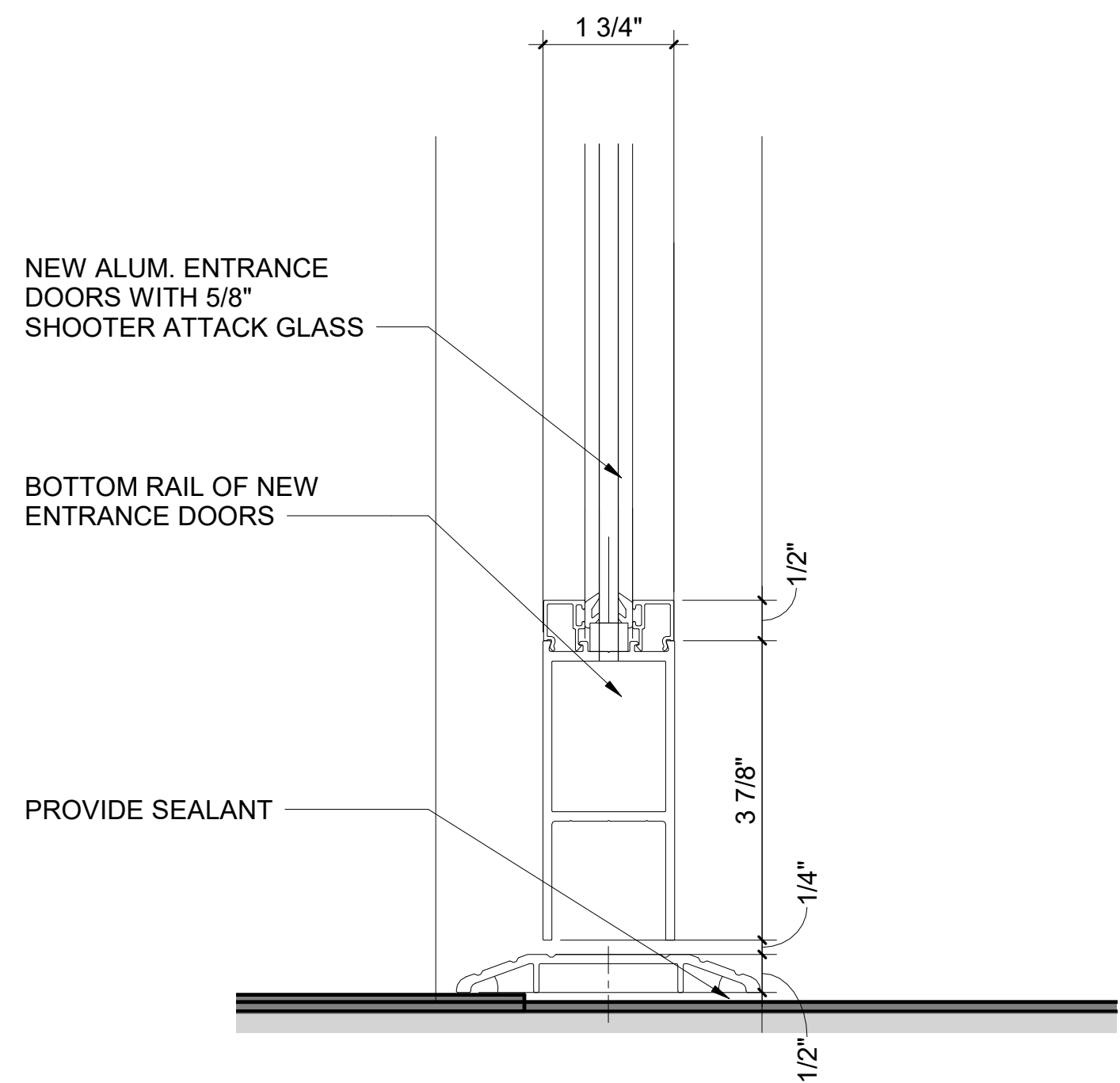




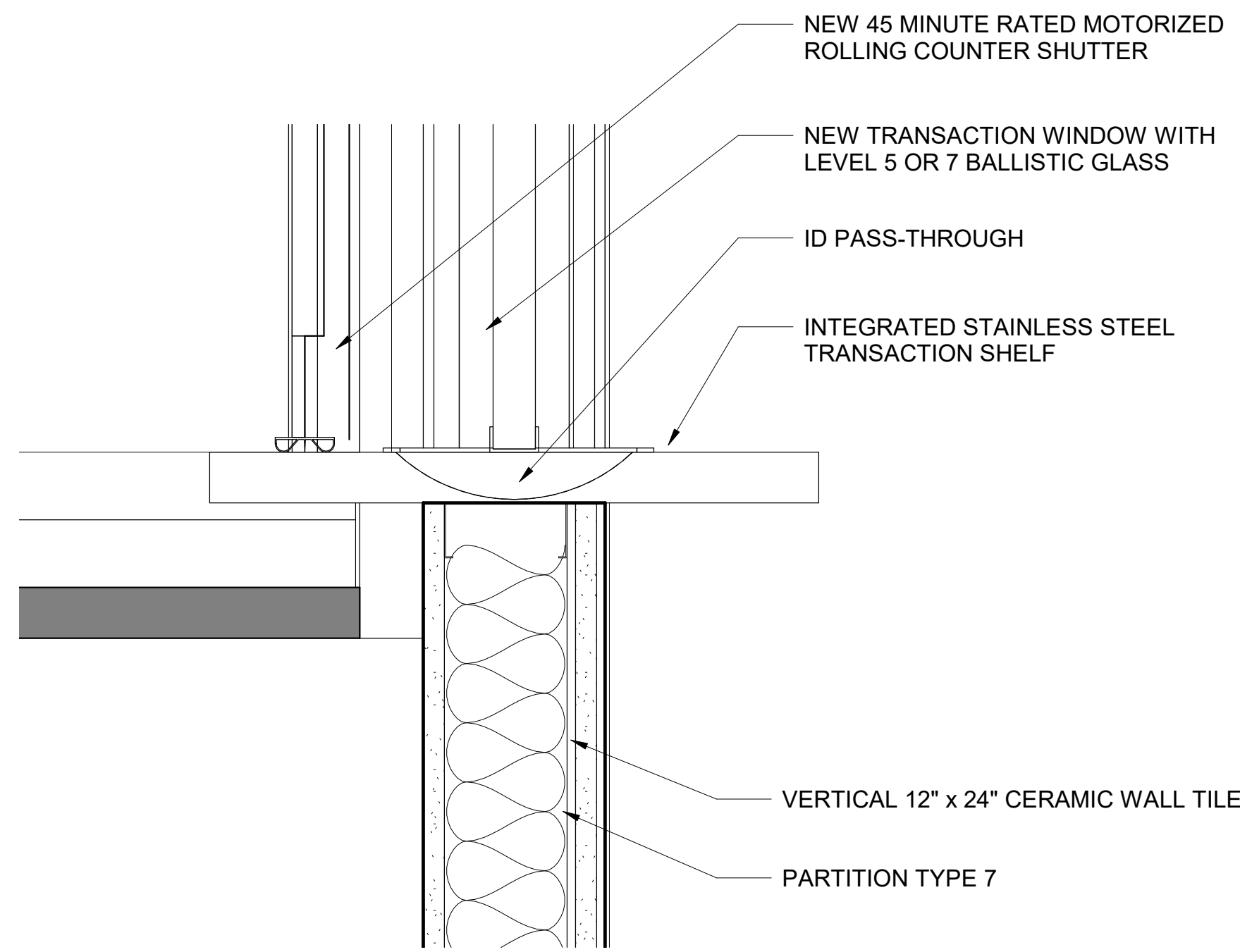
1 Secure Vestibule Transom Window Head  
SCALE: 3" = 1'-0"



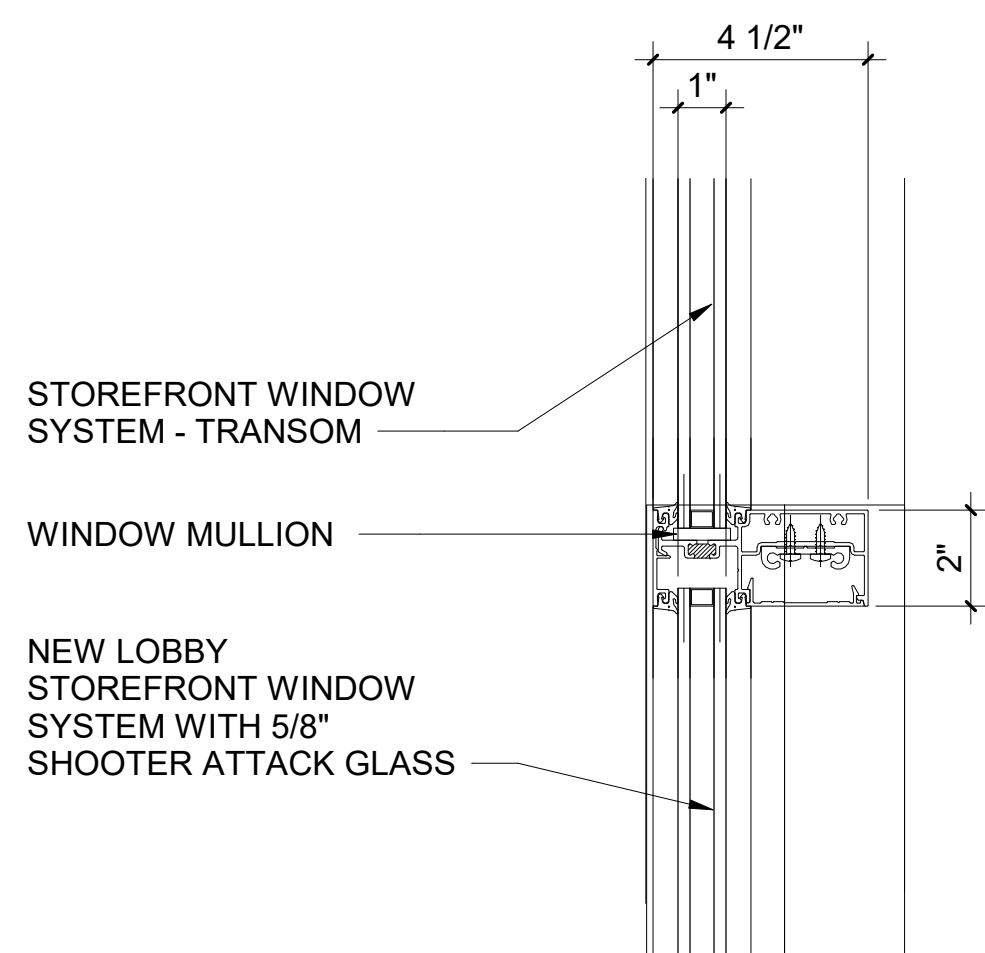
2 Secure Vestibule Door Head and Transom Detail  
SCALE: 3" = 1'-0"



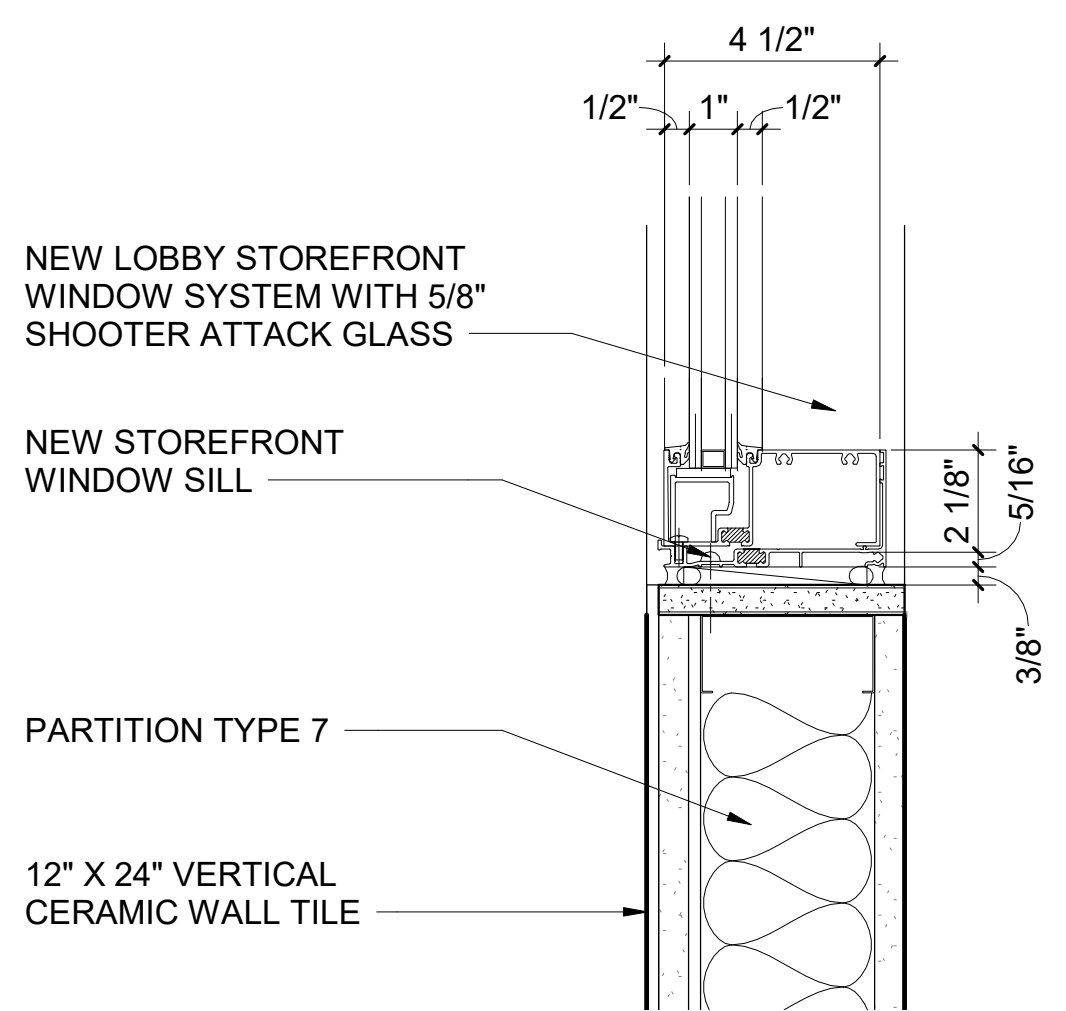
3 Secure Vestibule Door Bottom Rail  
SCALE: 3" = 1'-0"



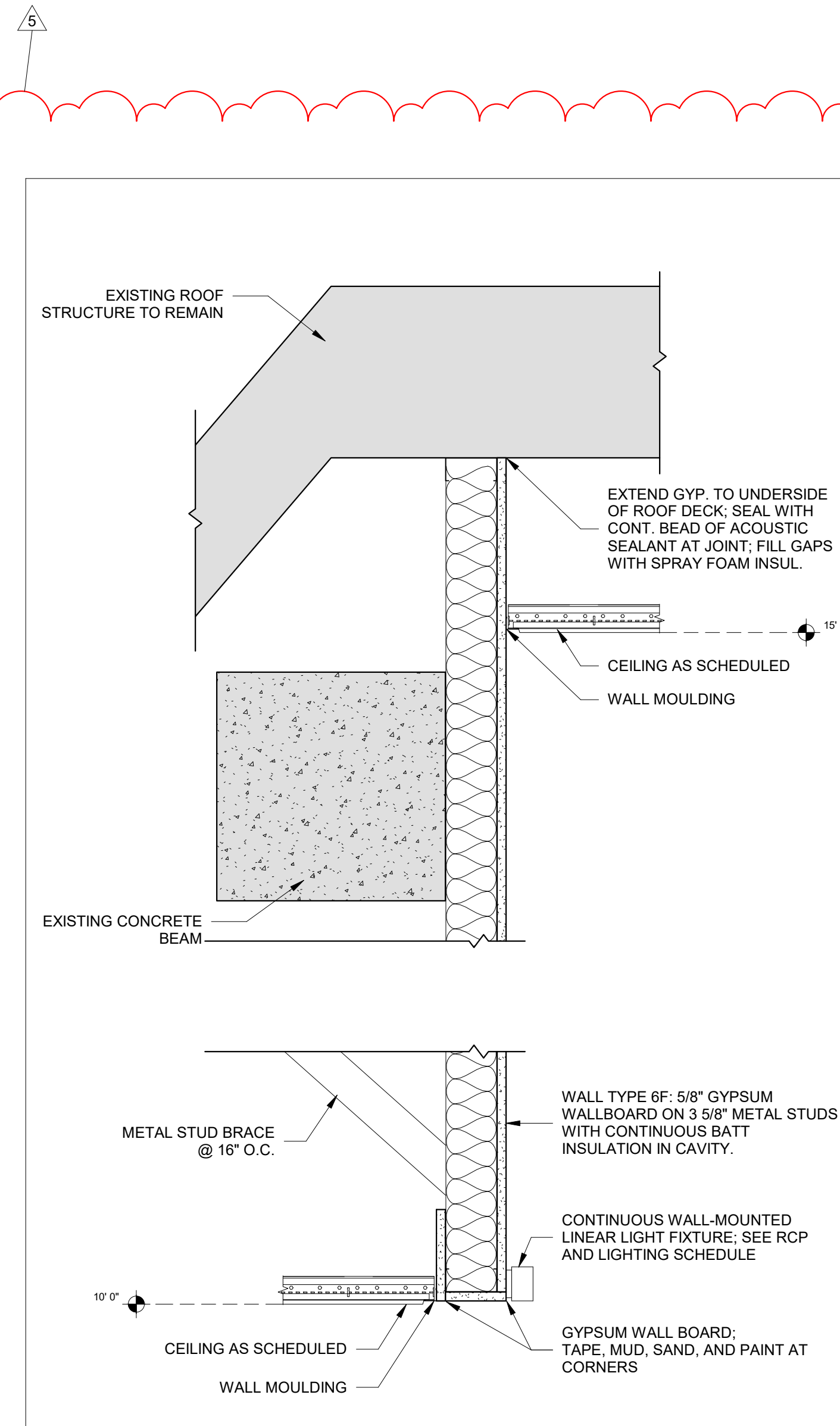
4 Section Detail Through Transaction Window  
SCALE: 3" = 1'-0"



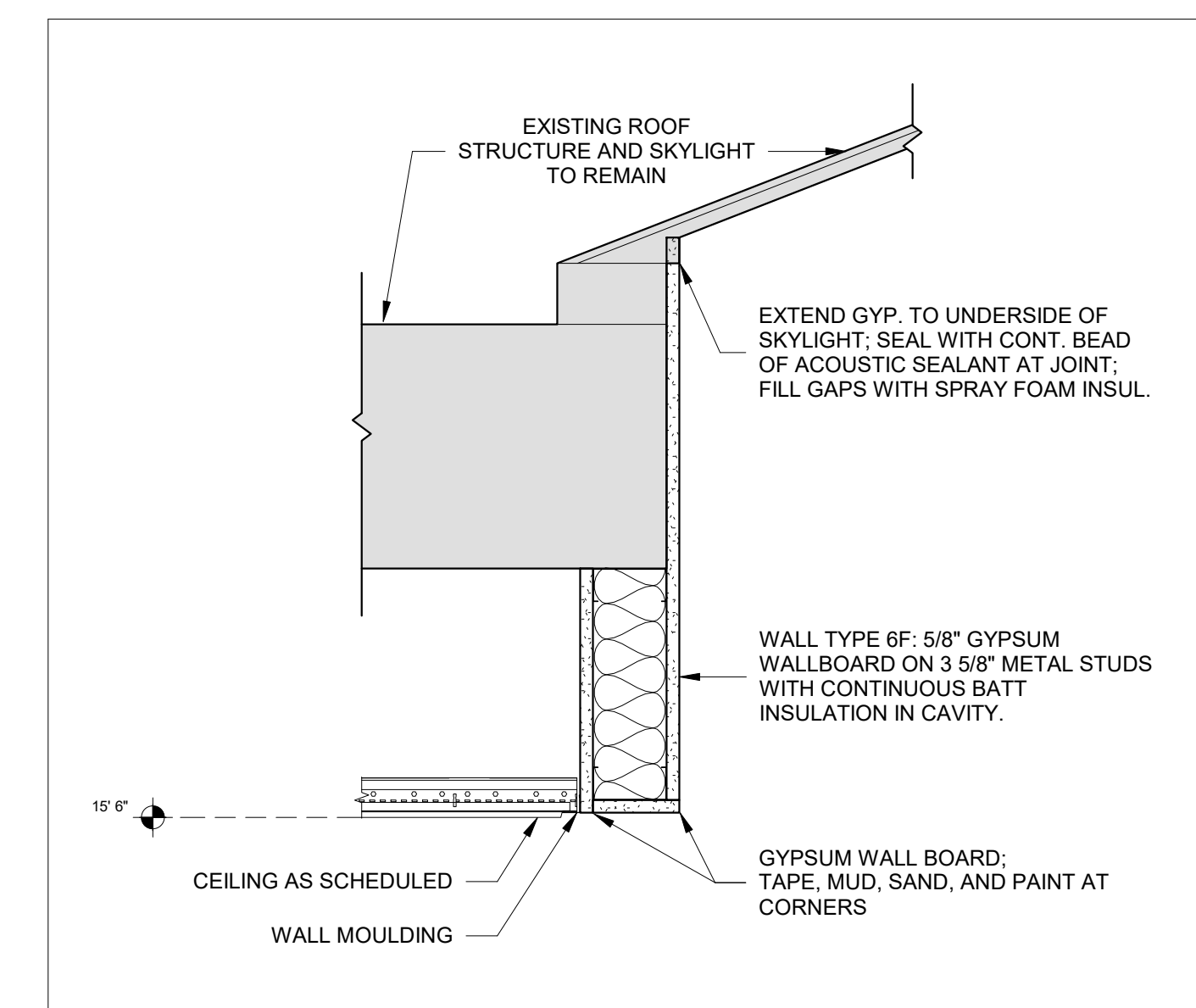
5 Transom Window Connection Detail  
SCALE: 3" = 1'-0"



6 Window Sill Detail  
SCALE: 3" = 1'-0"



12 Act to Gyp Wall to Gyp/Furring at Beam  
SCALE: 1 1/2" = 1'-0"



13 Act to Gyp to Existing Skylight  
SCALE: 1 1/2" = 1'-0"

MILTON KEY PLAN  
1" = 80'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09-15-2020
3	ISSUED FOR BID	01-19-2021
5	BID ADDENDUM #2	02-05-2021

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SED#: 6618-0001-0002-015

PROJECT

Rye City Schools  
555 Theodore Fremd Ave, Suite B-101  
Milton Elementary School

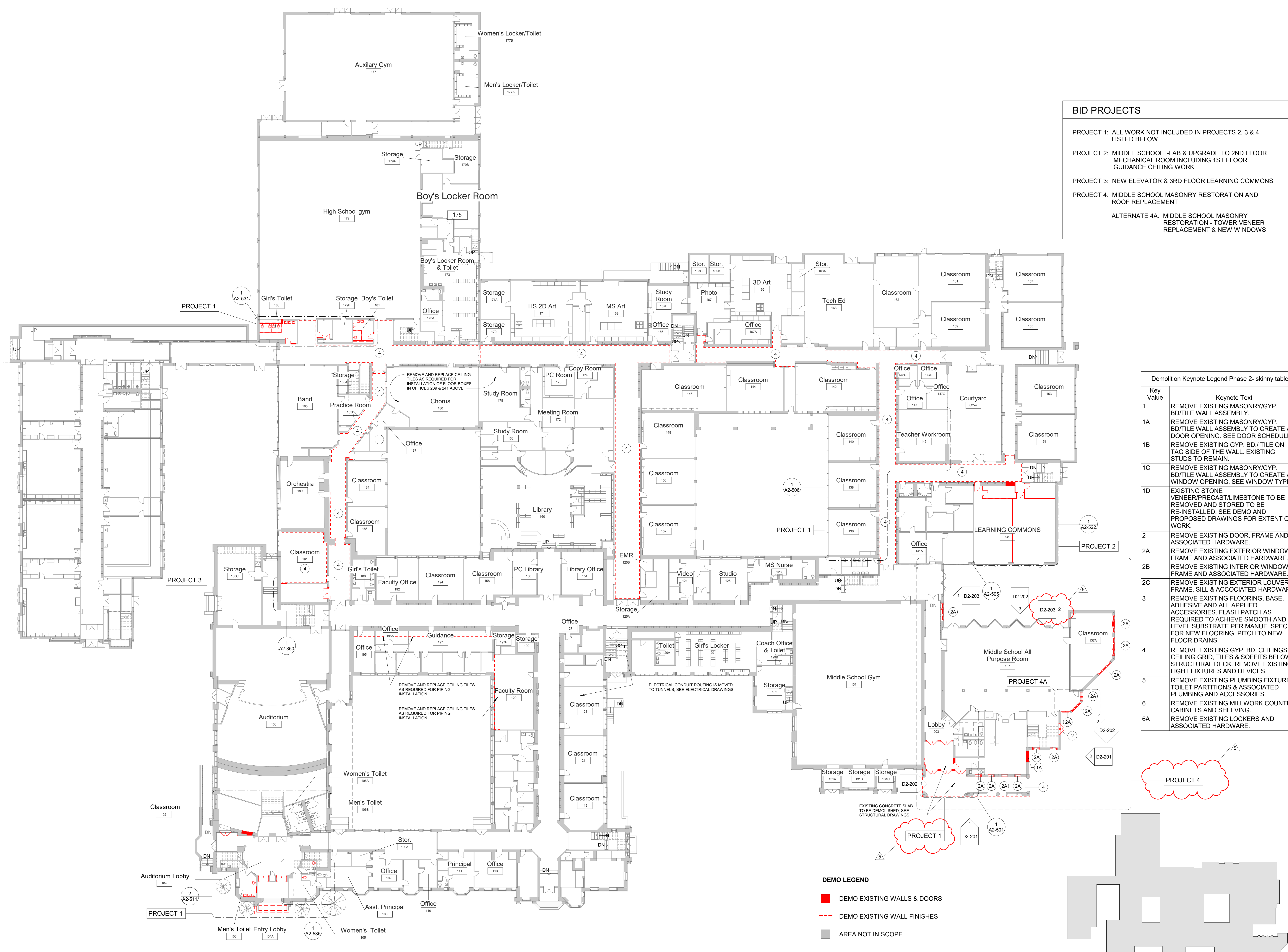
12 Hewlett St., Rye, NY 10580

WALL SECTION DETAILS

PROJECT 1

SEAL & SIGNATURE | DATE: 05/12/20  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-321





1 First Floor Plan-Phase 2 Demo  
SCALE: 1" = 20'-0"

**BID PROJECTS**

PROJECT 1: ALL WORK NOT INCLUDED IN PROJECTS 2, 3 & 4 LISTED BELOW

PROJECT 2: MIDDLE SCHOOL H-LAB & UPGRADE TO 2ND FLOOR MECHANICAL ROOM INCLUDING 1ST FLOOR GUIDANCE CEILING WORK

PROJECT 3: NEW ELEVATOR & 3RD FLOOR LEARNING COMMONS

PROJECT 4: MIDDLE SCHOOL MASONRY RESTORATION AND ROOF REPLACEMENT

ALTERNATE 4A: MIDDLE SCHOOL MASONRY RESTORATION - TOWER VENEER REPLACEMENT & NEW WINDOWS

Demolition Keynote Legend Phase 2- skinny table	
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6	REMOVE EXISTING MILLWORK COUNTER, CABINETS AND SHELVEING.
6A	REMOVE EXISTING LOCKERS AND ASSOCIATED HARDWARE.

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021
5	BID ADDENDUM #2	02/05/2021

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SED #: 6618-0001-0005-032

PROJECT

**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580

**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

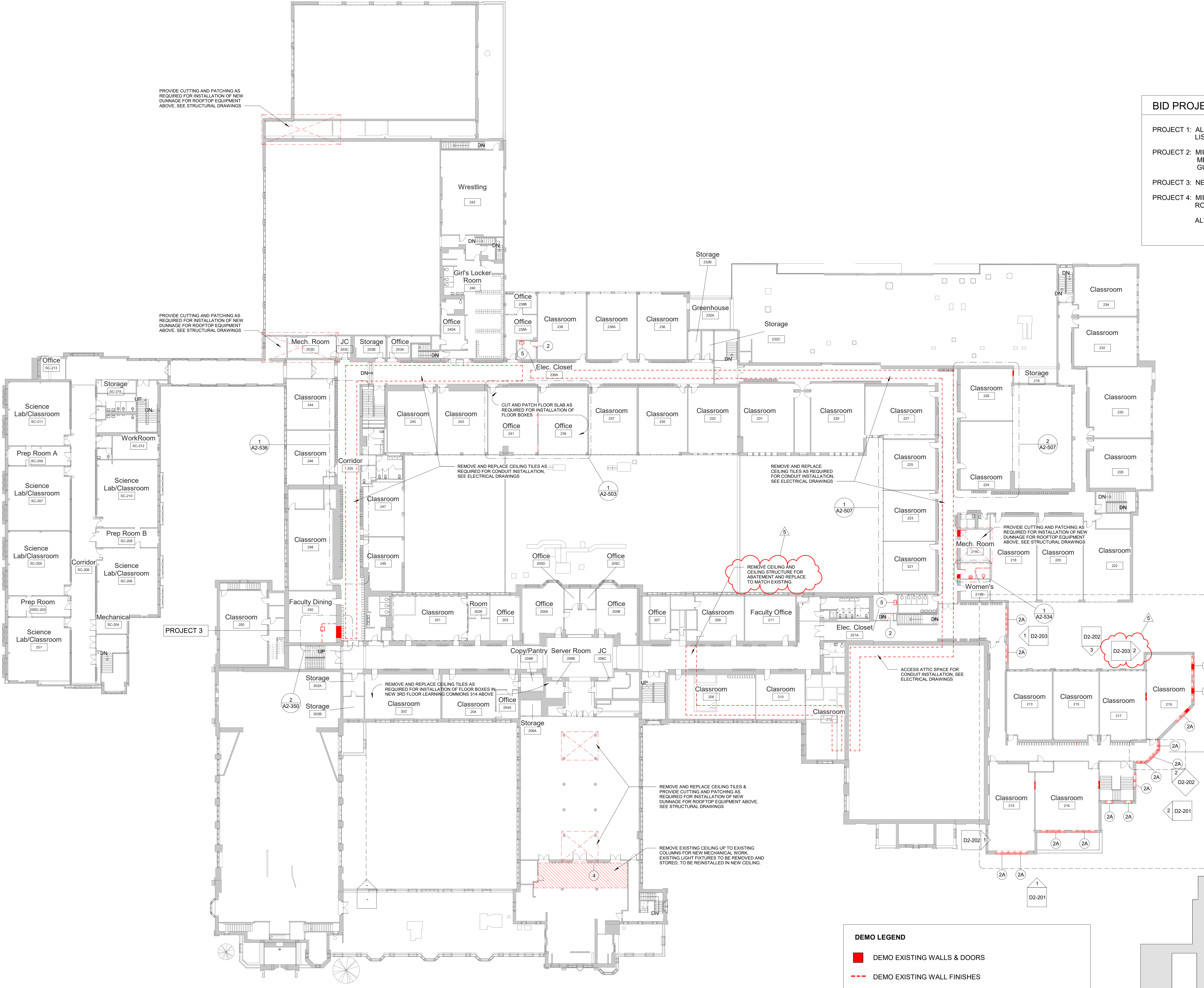
FIRST FLOOR DEMOLITION PLAN

PROJECTS 1, 2, 3, 4 & 4A

SEAL & SIGNATURE	DATE: 01/19/21
	PROJECT No: 9200
	DRAWING BY: Author
	CHK BY: Checker
	DWG No: D2-101

RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'





1 Second Floor Plan-Phase 2 Demo  
SCALE: 1" = 20'-0"

**BID PROJECTS**

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**DEMO LEGEND**

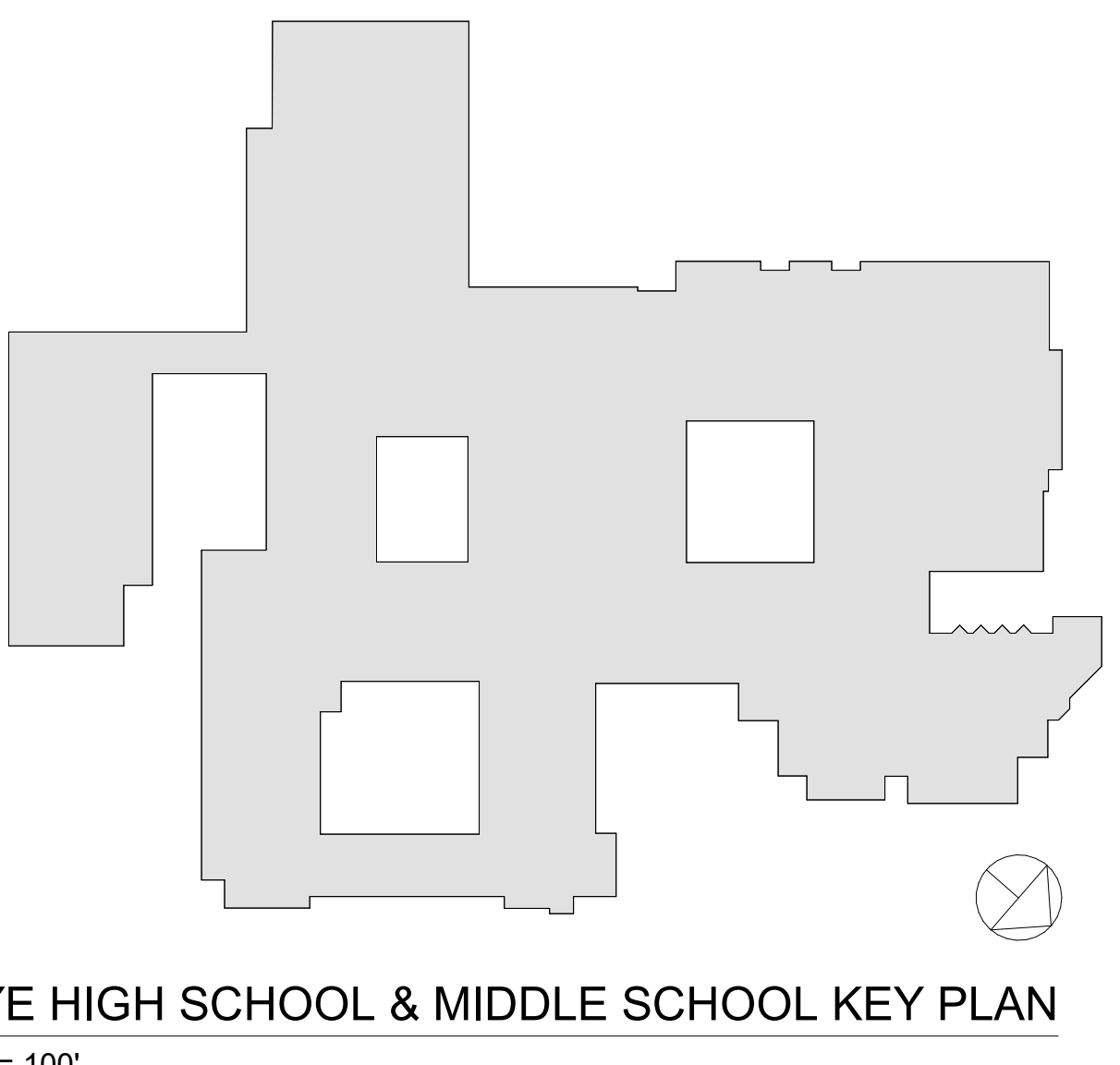
■ DEMO EXISTING WALLS & DOORS

--- DEMO EXISTING WALL FINISHES

■ AREA NOT IN SCOPE

**KEYNOTES**

1. APPROVED IN PHASE 1, SED #6618001-0005-031 ON 03/16/20



Revision Schedule		
No.	Description	Date
	SD - ISSUED FOR PRICING	2020/02/24
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

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SED #: 6618-0001-0005-032

PROJECT

**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580

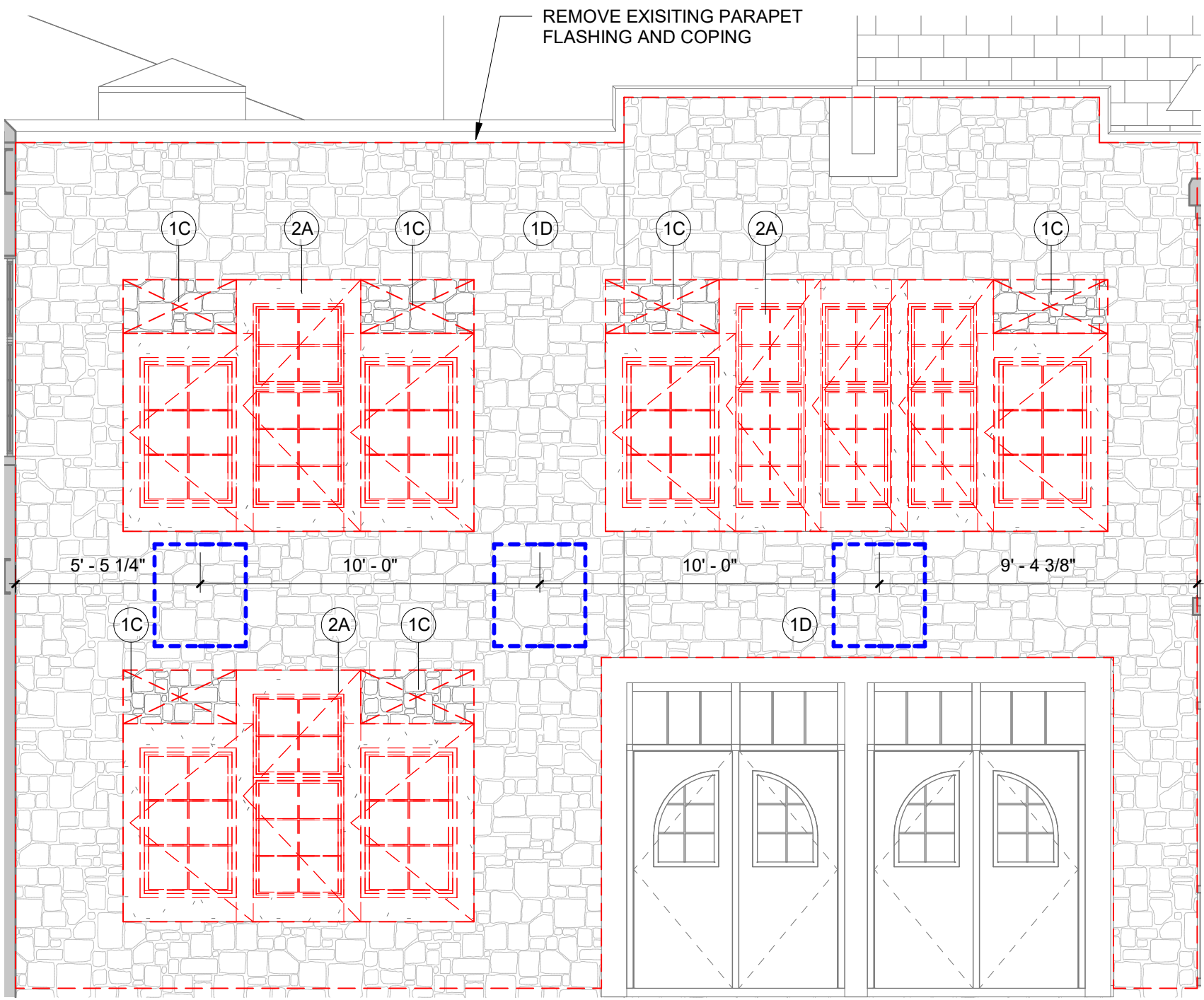
**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

**SECOND FLOOR DEMOLITION PLAN**

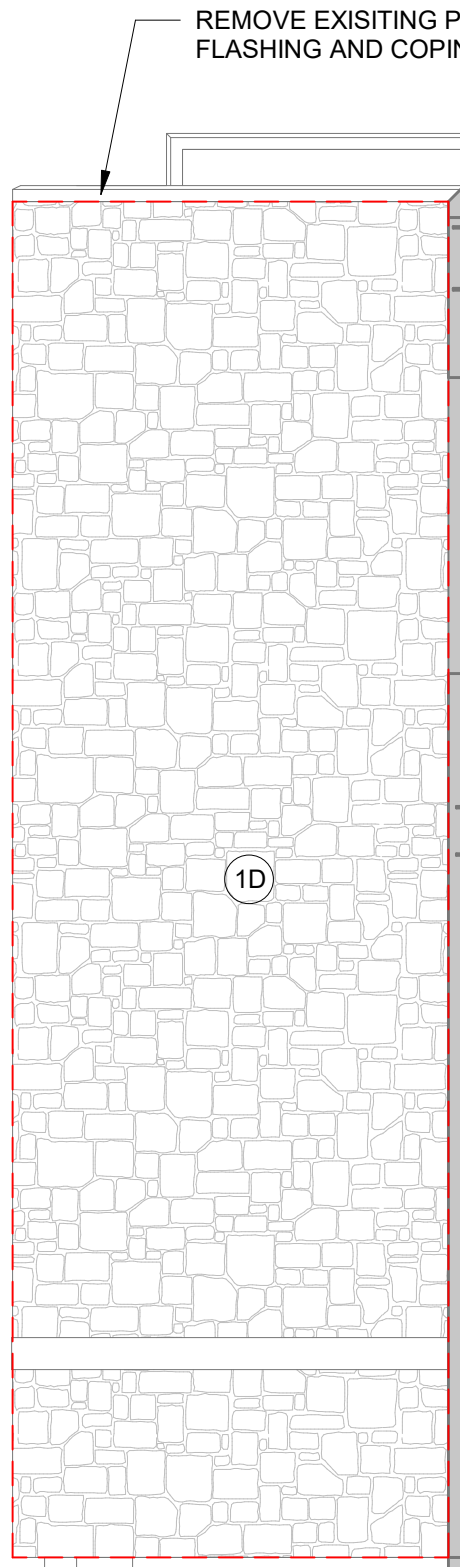
PROJECTS 1, 2, 3, 4 & 4A

SEAL & SIGNATURE	DATE: 01/19/21 PROJECT No: 9200 DRAWING BY: Author CHK BY: _____ Checker DWG No: D2-102
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1 EXTERIOR DEMOLITION ELEVATION F  
SCALE: 1/4" = 1'-0"



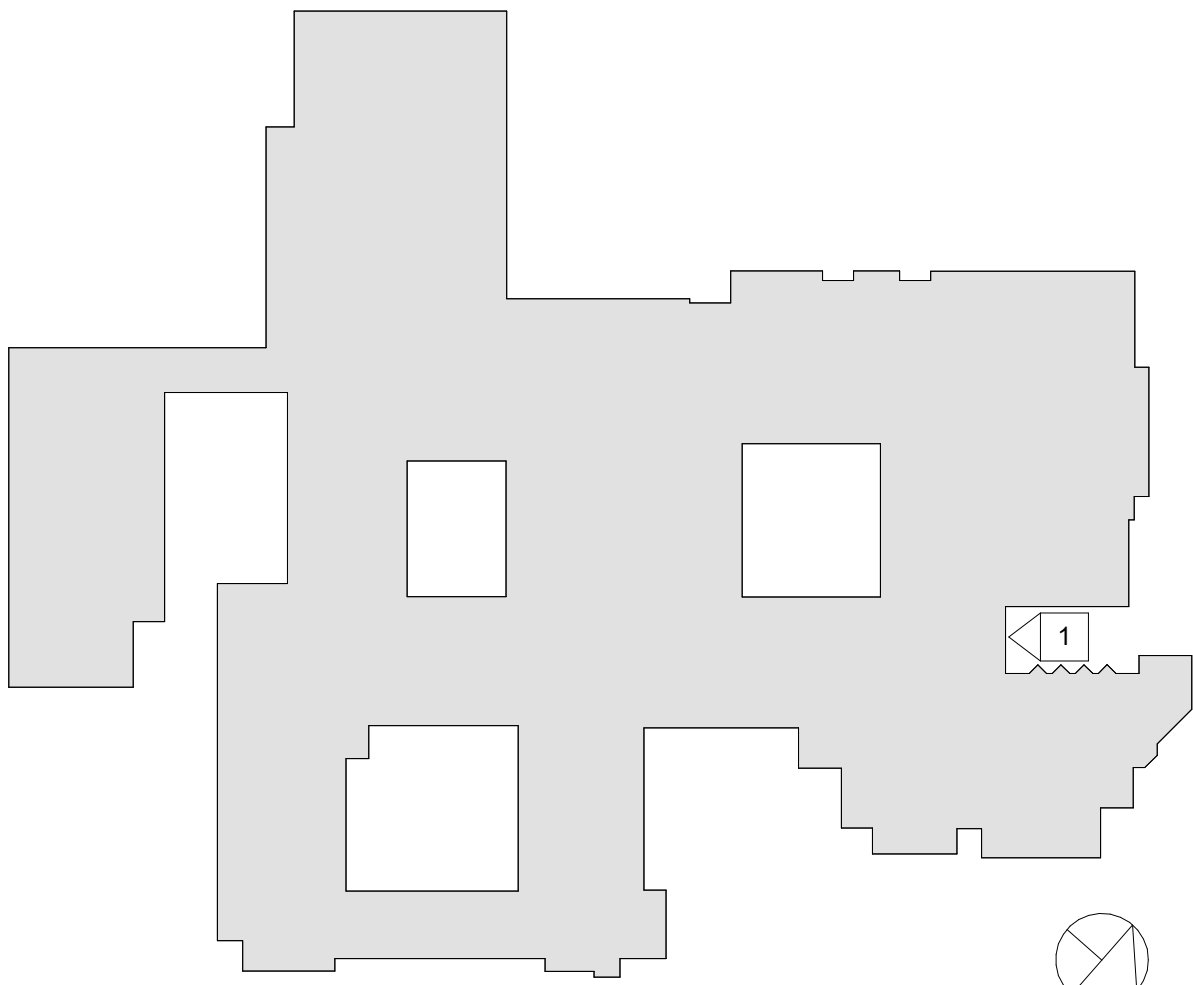
2 EXTERIOR DEMOLITION ELEVATION G  
SCALE: 1/4" = 1'-0"

Demolition Keynote Legend Phase 2- skinny table	
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LEGEND

--- LOCATION FOR 2'-8" X 3'-0" OPENINGS IN EXISTING DENSGLASS SHEATHING ALONG SECOND FLOOR SLAB LEVEL TO DETERMINE EXTENT OF WATER DAMAGE TO THE EXISTING METAL STUDS, OPENINGS TO BE EVERY 10'-0" O.C. SEE DEMOLITION ELEVATIONS FOR LOCATIONS

— METAL FLASHING LOCATION



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

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SED #: 6618-0001-0005-032

PROJECT

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Rye High School & Middle  
School

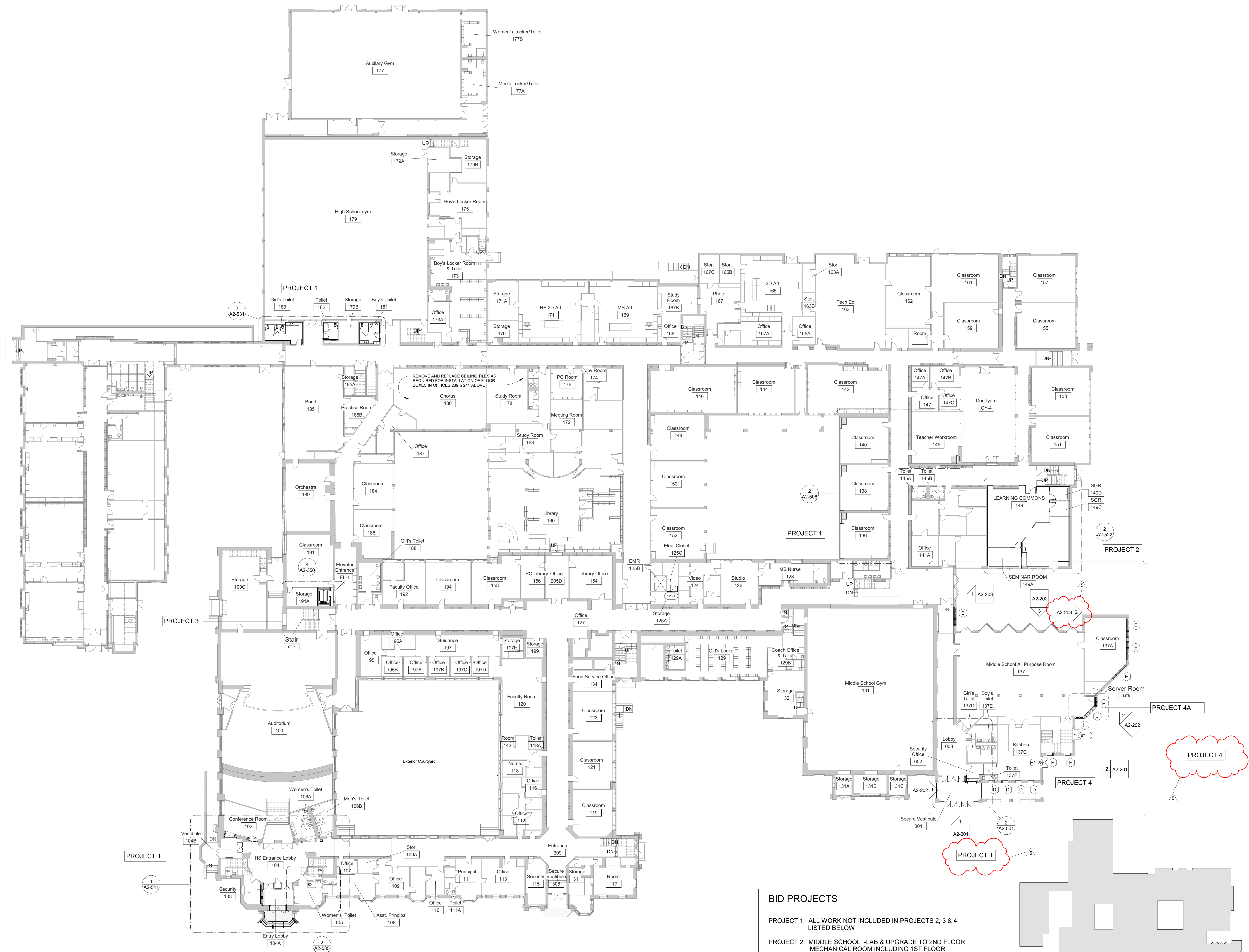
1 Parsons Street, Rye, New York 10580

EXTERIOR DEMOLITION  
ELEVATIONS

PROJECT 4

SEAL & SIGNATURE | DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: D2-203





1 First Floor Plan-Phase 2  
SCALE: 1" = 20'-0"

#### BID PROJECTS

- PROJECT 1: ALL WORK NOT INCLUDED IN PROJECTS 2, 3 & 4 LISTED BELOW
- PROJECT 2: MIDDLE SCHOOL I-LAB & UPGRADE TO 2ND FLOOR MECHANICAL ROOM INCLUDING 1ST FLOOR GUIDANCE CEILING WORK
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RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

Revision Schedule		
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SED #: 6618-0001-0005-032

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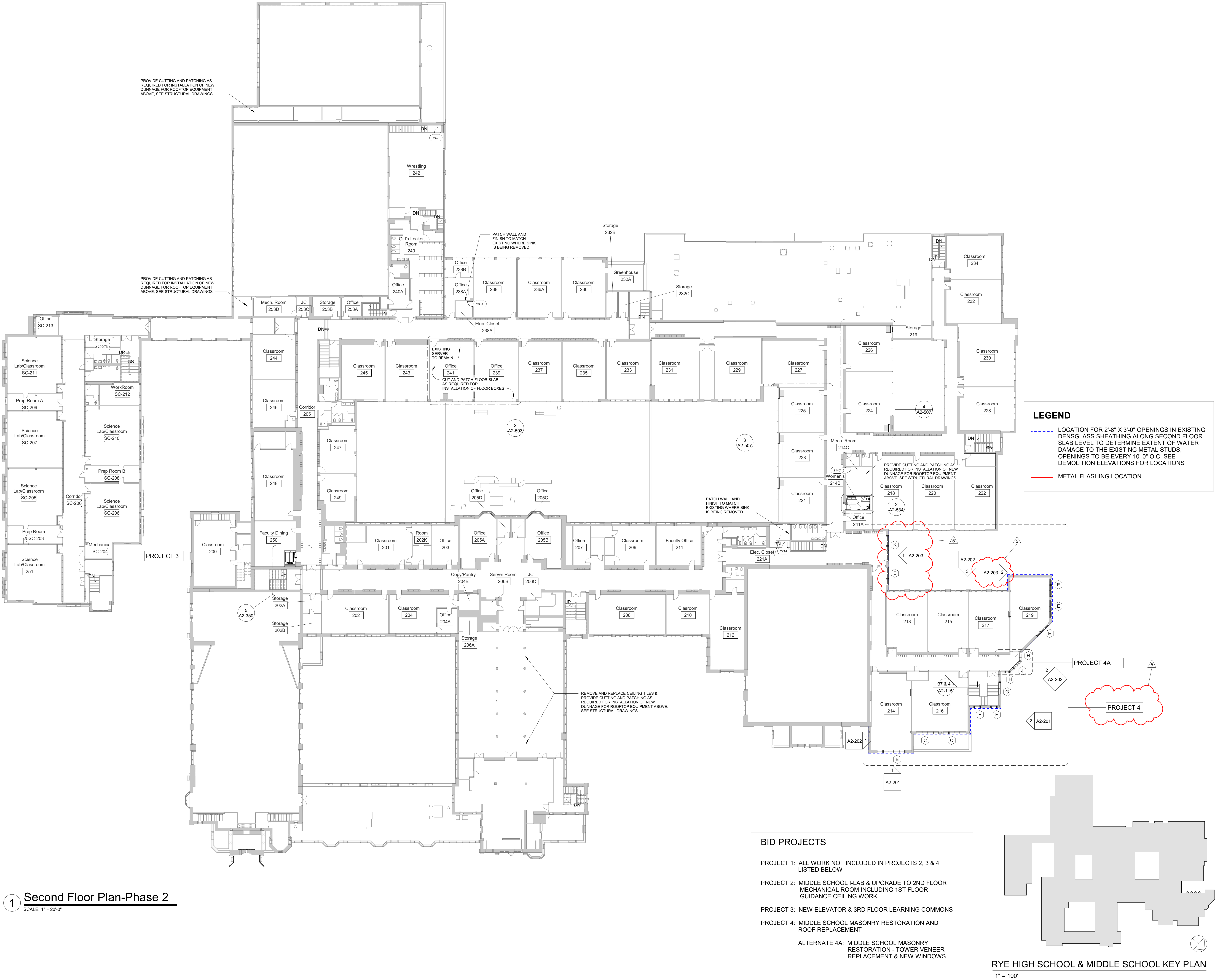
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE  
SCHOOL FIRST FLOOR PLAN

PROJECTS 1, 2, 3, 4 & 4A

SEAL & SIGNATURE DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-101





1 Second Floor Plan-Phase 2  
SCALE: 1" = 20'-0"

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RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
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**AV Consultant**  
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SED #: 6618-0001-0005-032

PROJECT  
**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580  
**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

**HIGH SCHOOL & MIDDLE SCHOOL SECOND FLOOR PLAN**  
**PROJECT 1, 2, 3, 4 & 4A**

SEAL & SIGNATURE DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-102

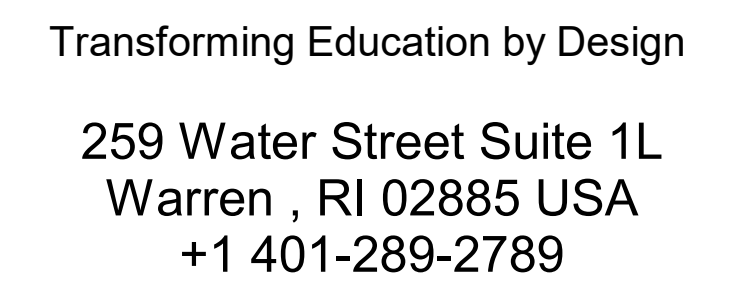


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**Architects**

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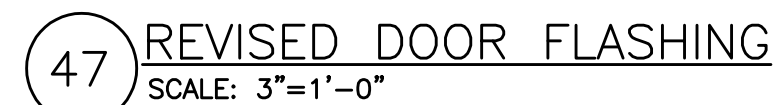
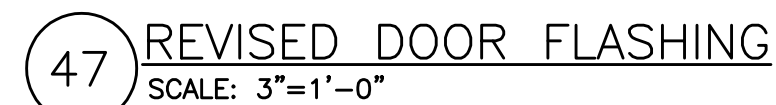
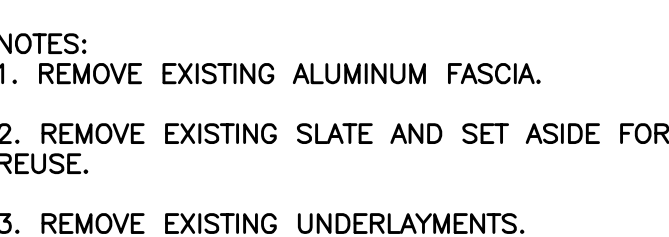
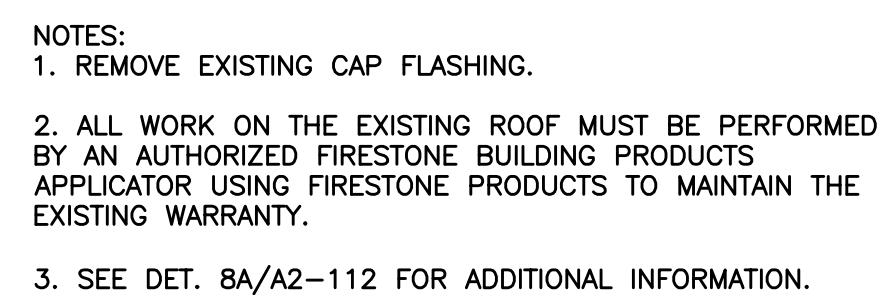
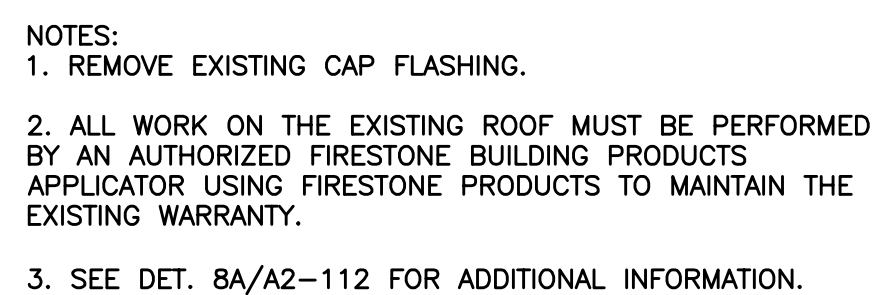
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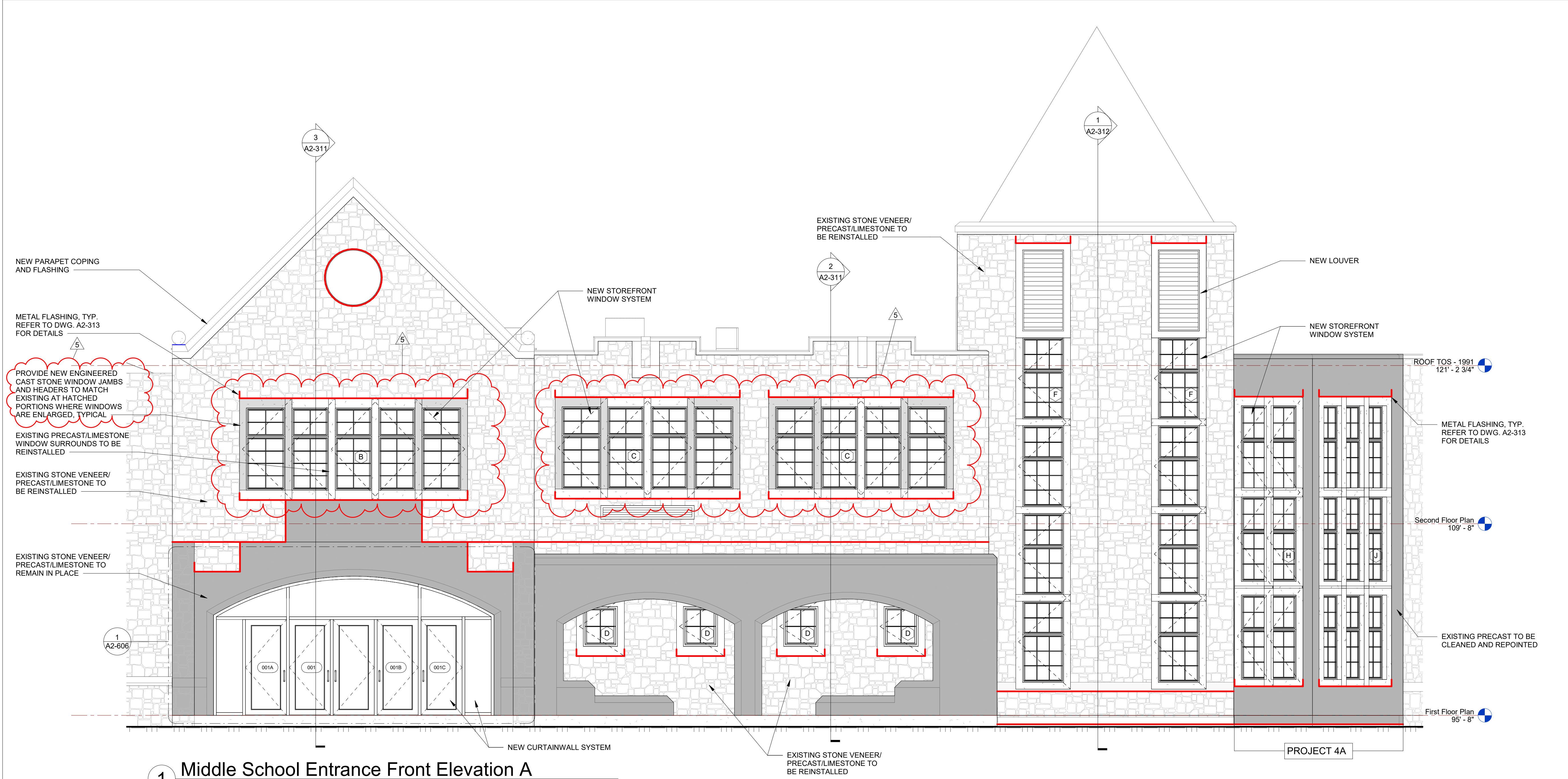


SED #: 6618-0001-0005-032

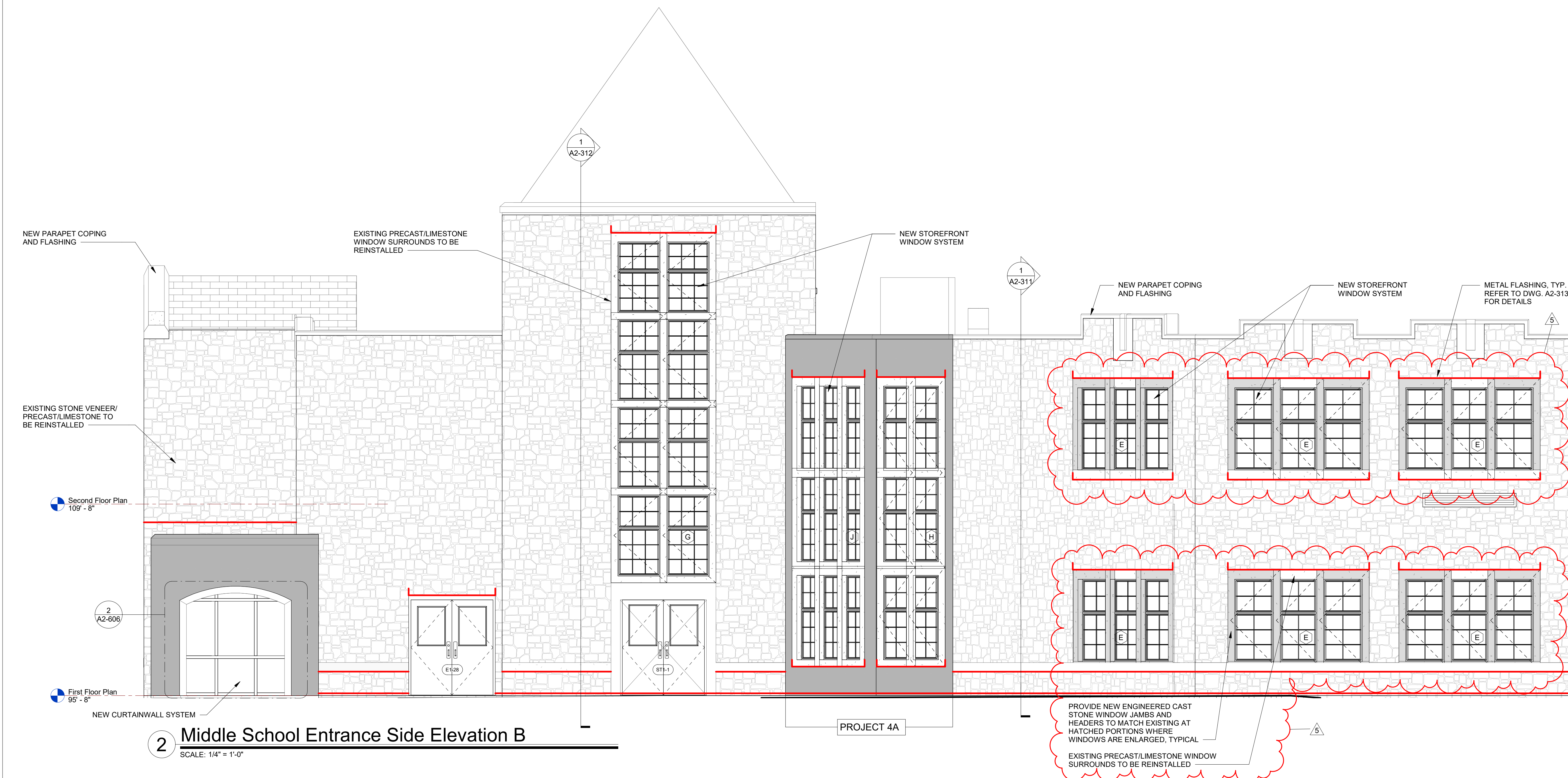
ROOF DETAILS	
PROJECT 4	
SEAL & SIGNATURE	DATE: 01/22/21
	PROJECT No: 9200
	DRAWING BY: Author
	CHK BY: Checker
	DWG No: A2-115







1 Middle School Entrance Front Elevation A  
SCALE: 1/4" = 1'-0"



2 Middle School Entrance Side Elevation B  
SCALE: 1/4" = 1'-0"

**LEGEND**

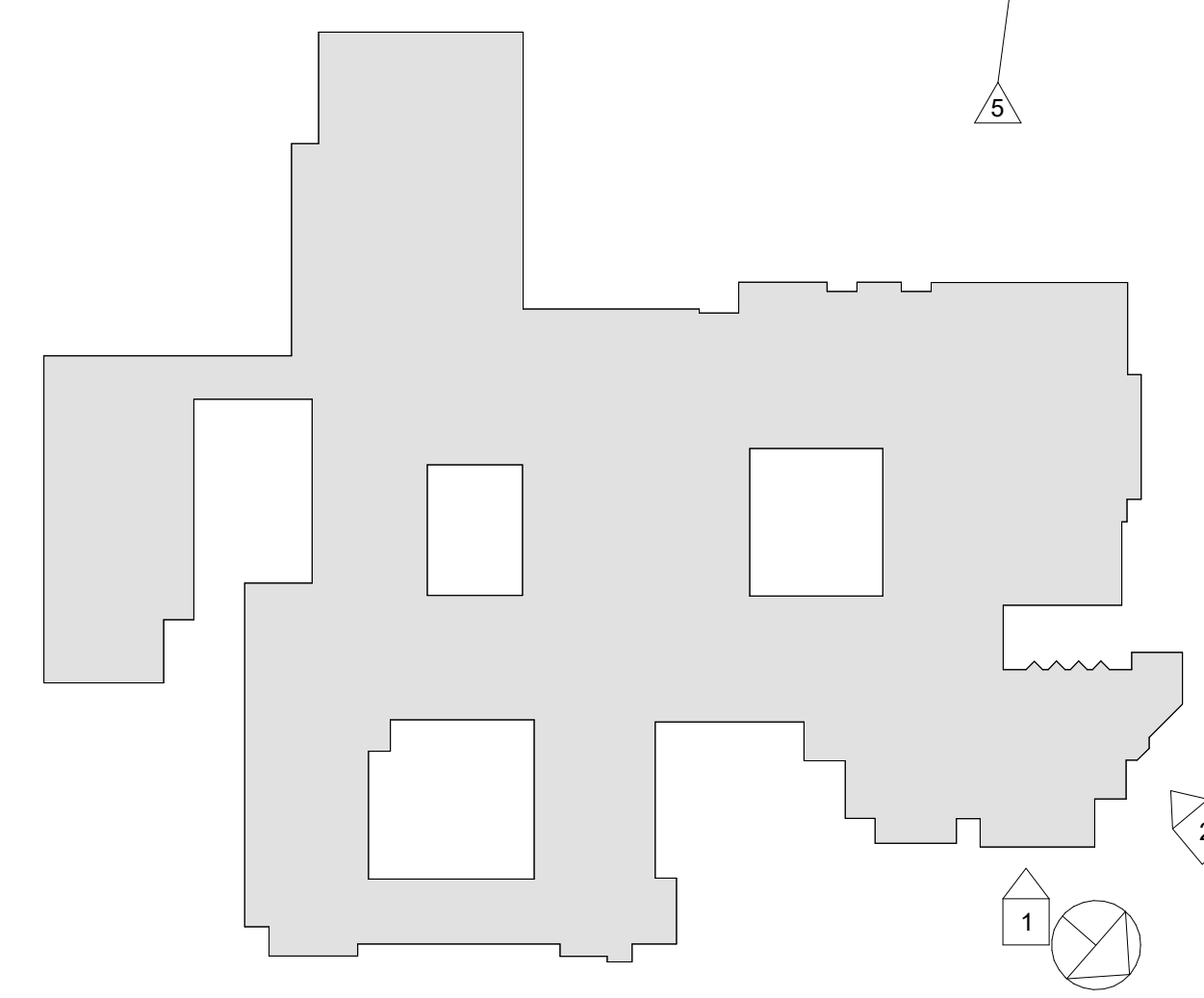
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— METAL FLASHING LOCATION

**STONE LEGEND**

EXISTING GRANITE VENEER, PRECAST CONCRETE/LIMESTONE TO REMAIN IN PLACE

PROVIDE NEW ENGINEERED CAST STONE WINDOW JAMBS AND HEADERS TO MATCH EXISTING



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

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SED #: 6618-0001-0005-032

**PROJECT**

**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580

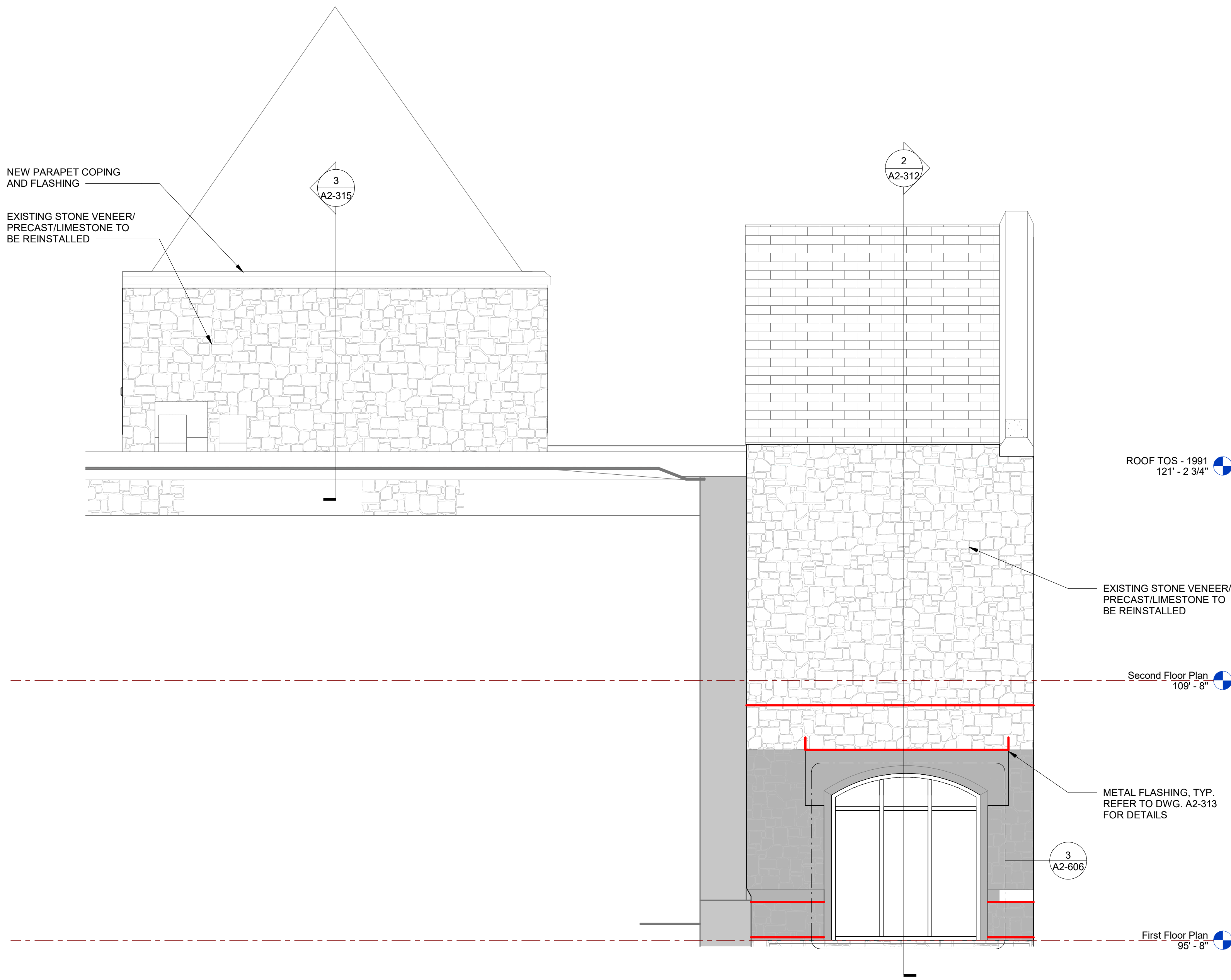
**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

**EXTERIOR ELEVATIONS**

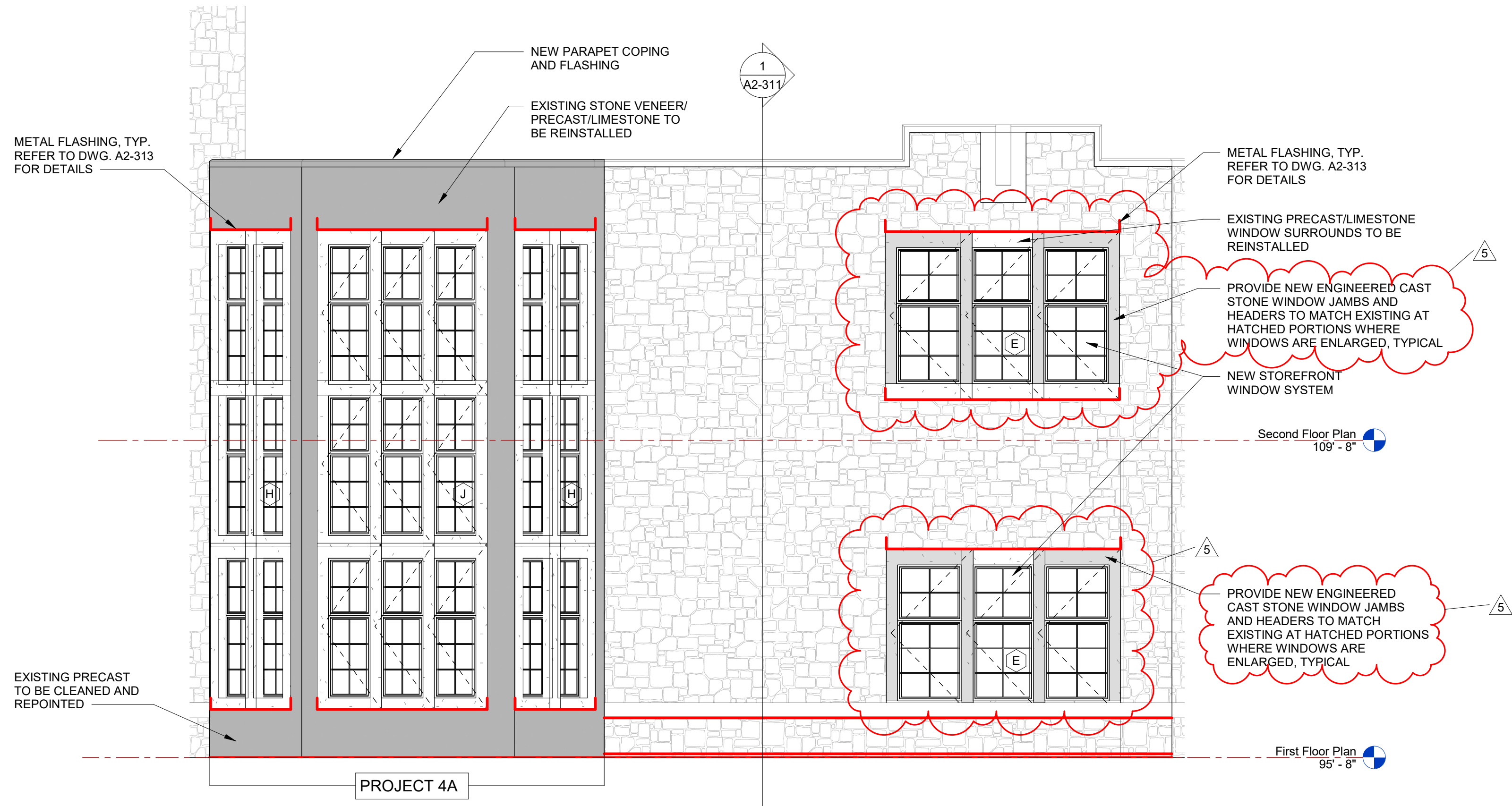
**PROJECTS 1, 4 & 4A**

SEAL & SIGNATURE: [Signature] DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-201





1 Middle School Entrance Elevation C  
SCALE: 1/4" = 1'-0"



2 Middle School Exterior Elevation D  
SCALE: 1/4" = 1'-0"



3 Middle School Exterior Elevation E  
SCALE: 1/4" = 1'-0"

**LEGEND**

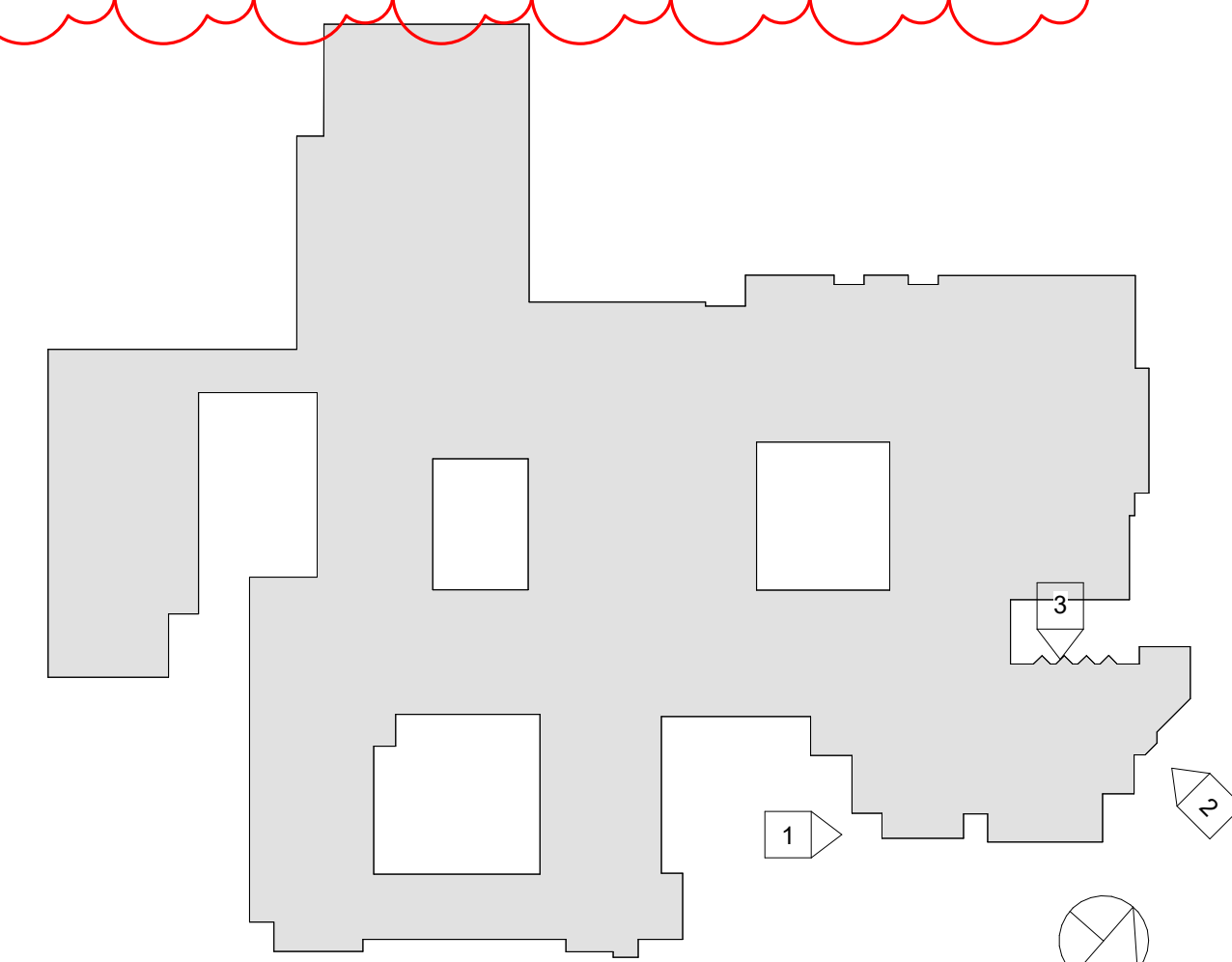
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— METAL FLASHING LOCATION

**STONE LEGEND**

EXISTING GRANITE VENEER, PRECAST CONCRETE/LIMESTONE TO REMAIN IN PLACE

PROVIDE NEW ENGINEERED CAST STONE WINDOW JAMBS AND HEADERS TO MATCH EXISTING



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

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SED #: 6618-0001-0005-032

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle  
School

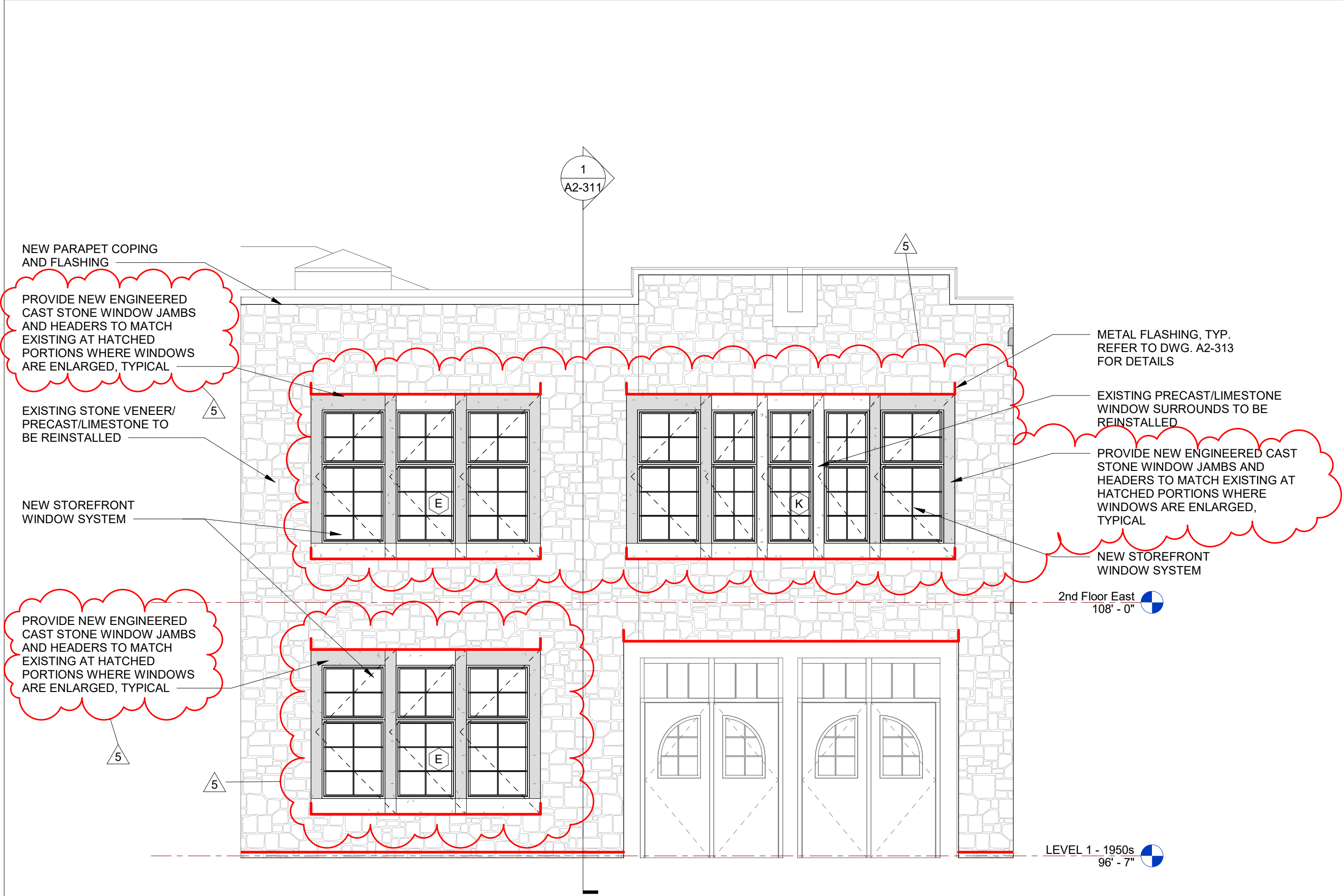
1 Parsons Street, Rye, New York 10580

EXTERIOR ELEVATIONS

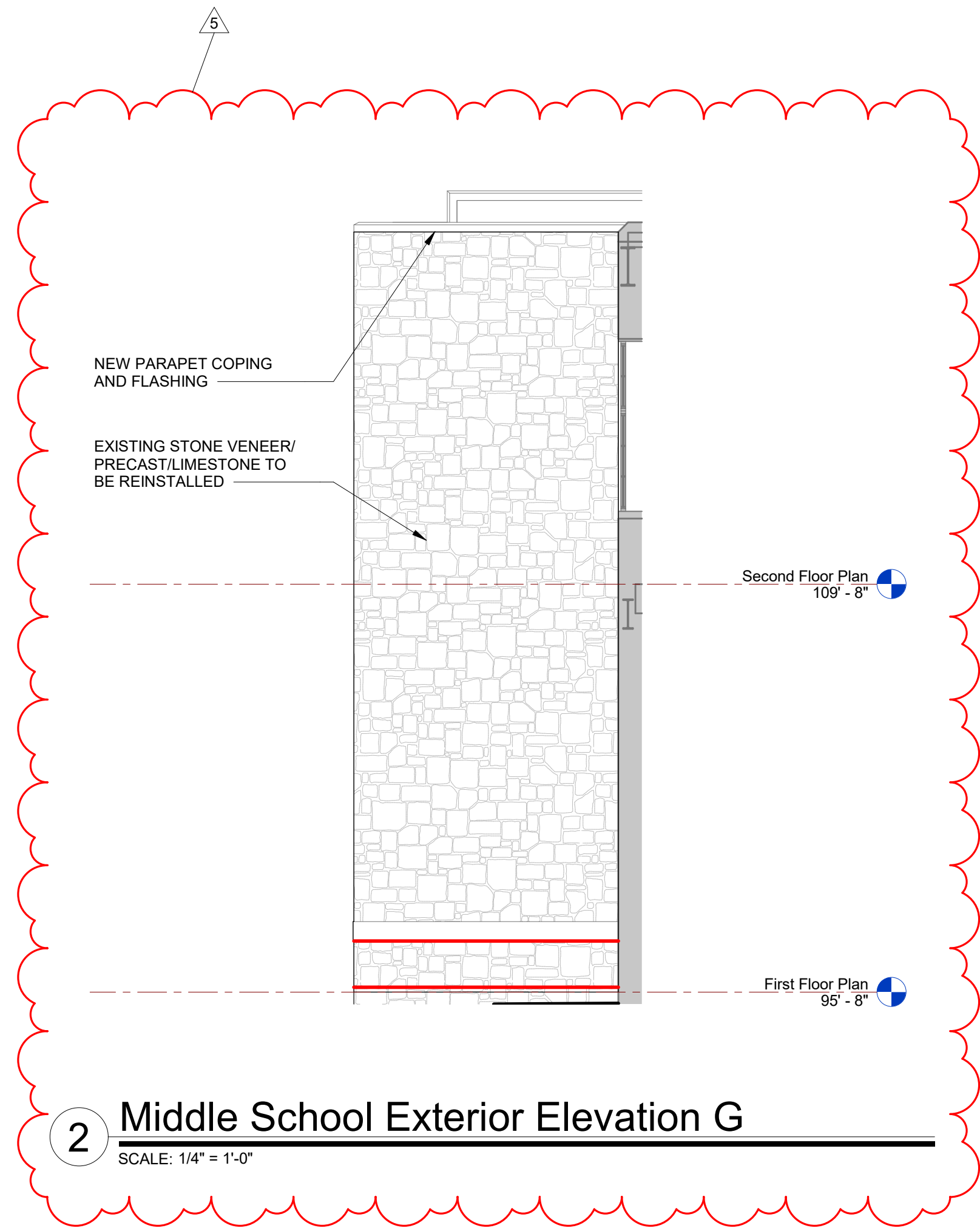
PROJECTS 1, 4 & 4A

SEAL & SIGNATURE DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-202





1 Middle School Exterior Elevation F  
SCALE: 1/4" = 1'-0"



2 Middle School Exterior Elevation G  
SCALE: 1/4" = 1'-0"



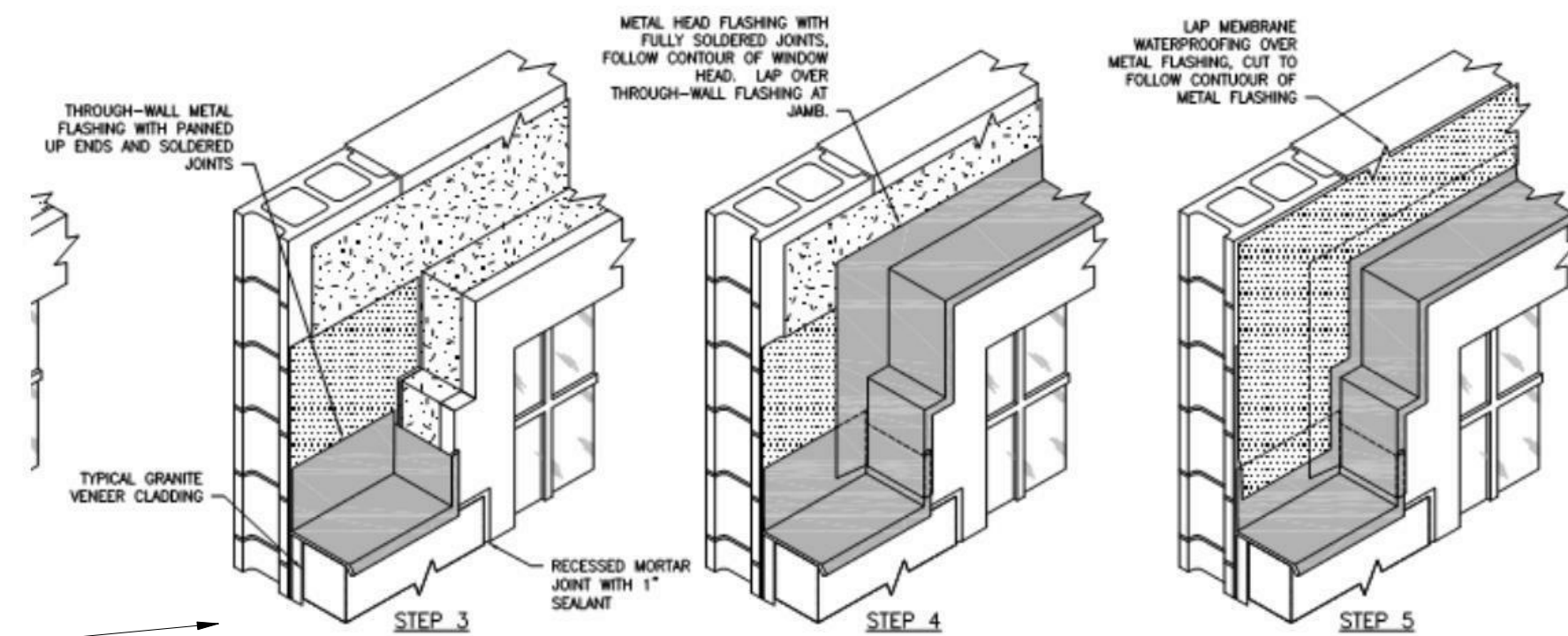
3 Middle School Entrance Flashing  
SCALE: NTS



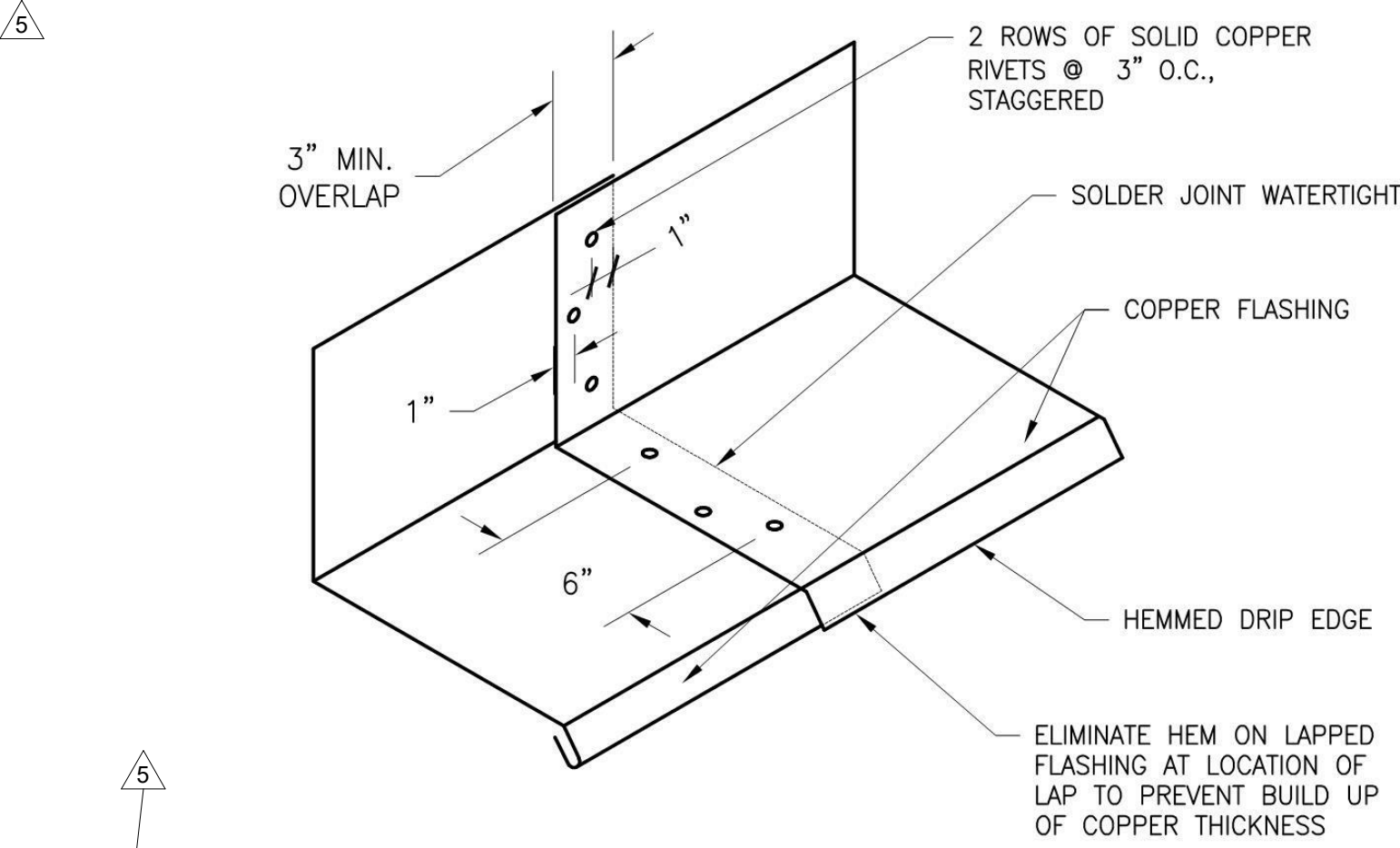
4 Middle School Entrance Flashing  
SCALE: NTS

TURN METAL FLASHING DOWN AT WINDOW HEAD. CUT STONE WHERE REQUIRED FOR END DAM

COUNTER FLASH METAL FLASHING END DAM WITH SELF ADHERED MEMBRANE AND WITH DOWNTURNED LEG OF UPPER FLASHING AS PER SKETCH, 5/A2-203



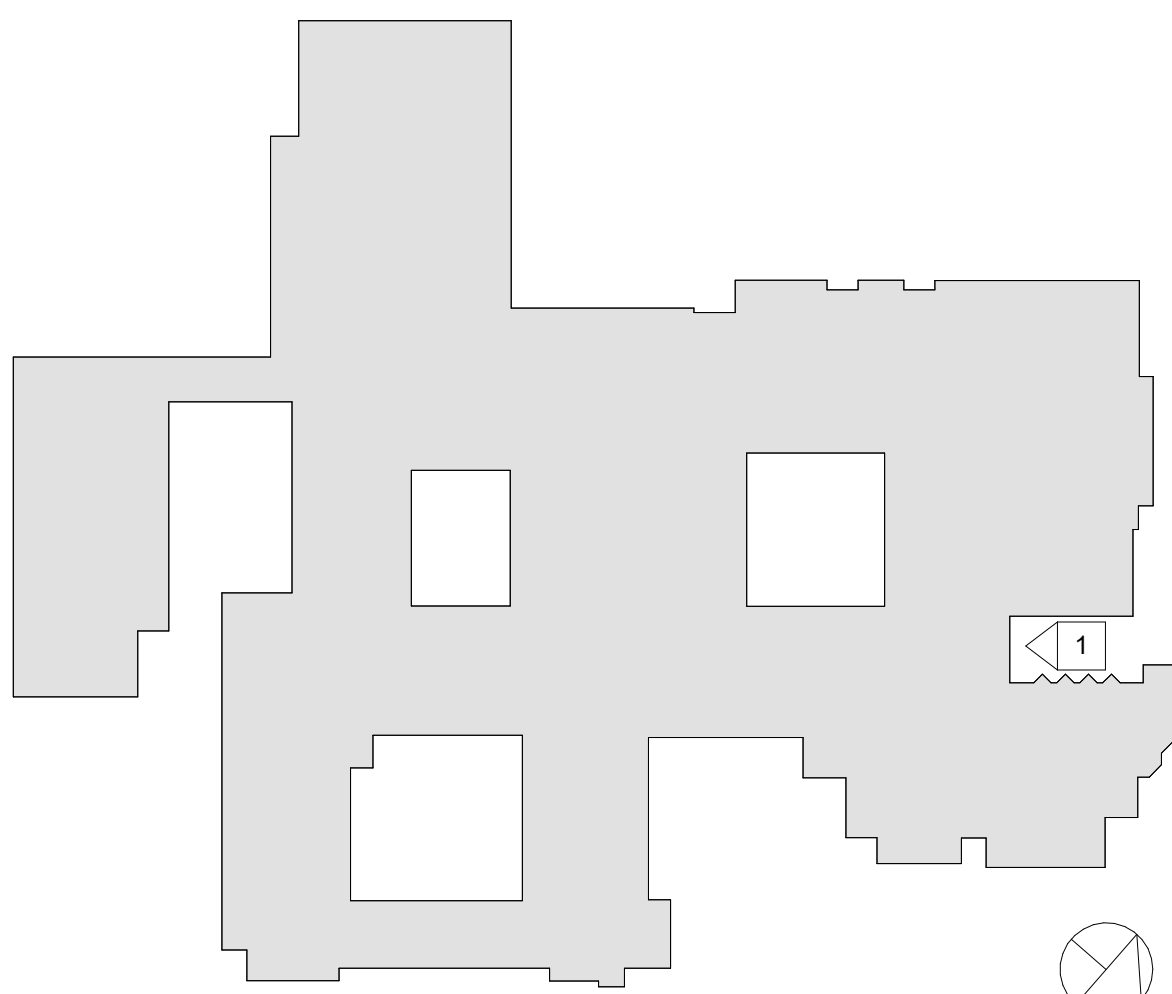
5 TYPICAL FLASHING SKETCH  
SCALE: NTS



6 RIVETED AND SOLDERED FLASHING JOINT  
SCALE: NTS

**LEGEND**  
----- LOCATION FOR 2'-8" X 3'-0" OPENINGS IN EXISTING DENSGLASS SHEATHING ALONG SECOND FLOOR SLAB LEVEL TO DETERMINE EXTENT OF WATER DAMAGE TO THE EXISTING METAL STUDS. OPENINGS TO BE EVERY 10'-0" O.C. SEE DEMOLITION ELEVATIONS FOR LOCATIONS  
—— METAL FLASHING LOCATION

**STONE LEGEND**  
■ EXISTING GRANITE VENEER, PRECAST CONCRETE/LIMESTONE TO REMAIN IN PLACE  
■ PROVIDE NEW ENGINEERED CAST STONE WINDOW JAMBS AND HEADERS TO MATCH EXISTING



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

Revision Schedule		
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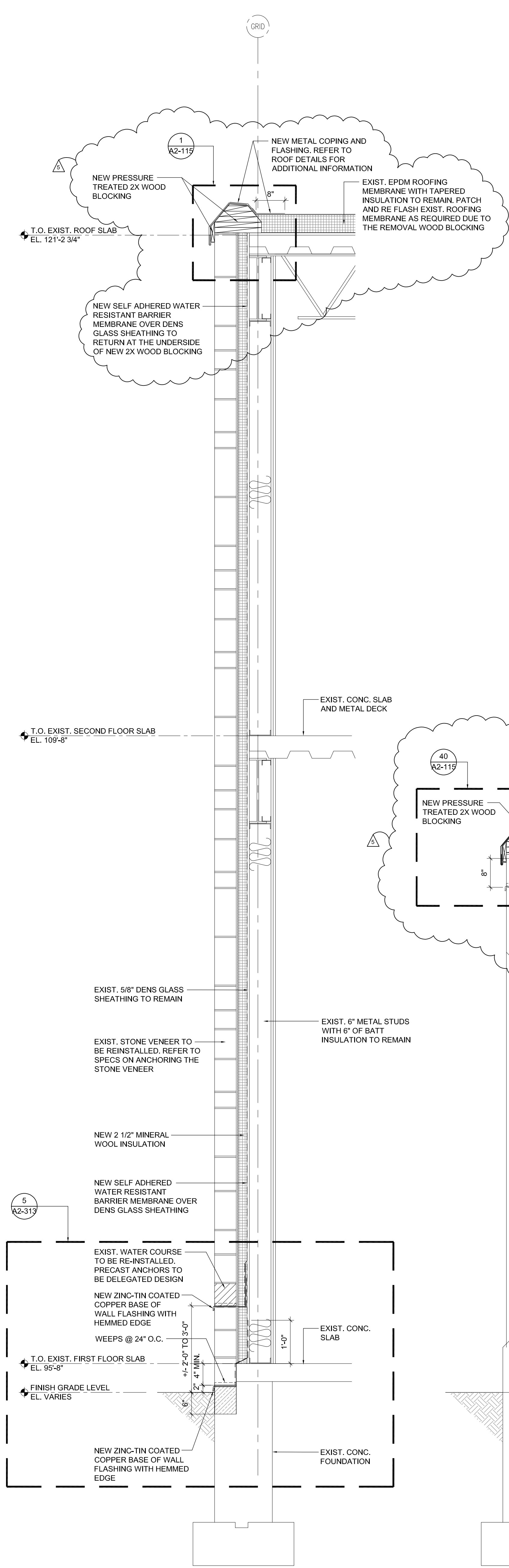
SED #: 6618-0001-0005-032

**PROJECT**  
**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580  
**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

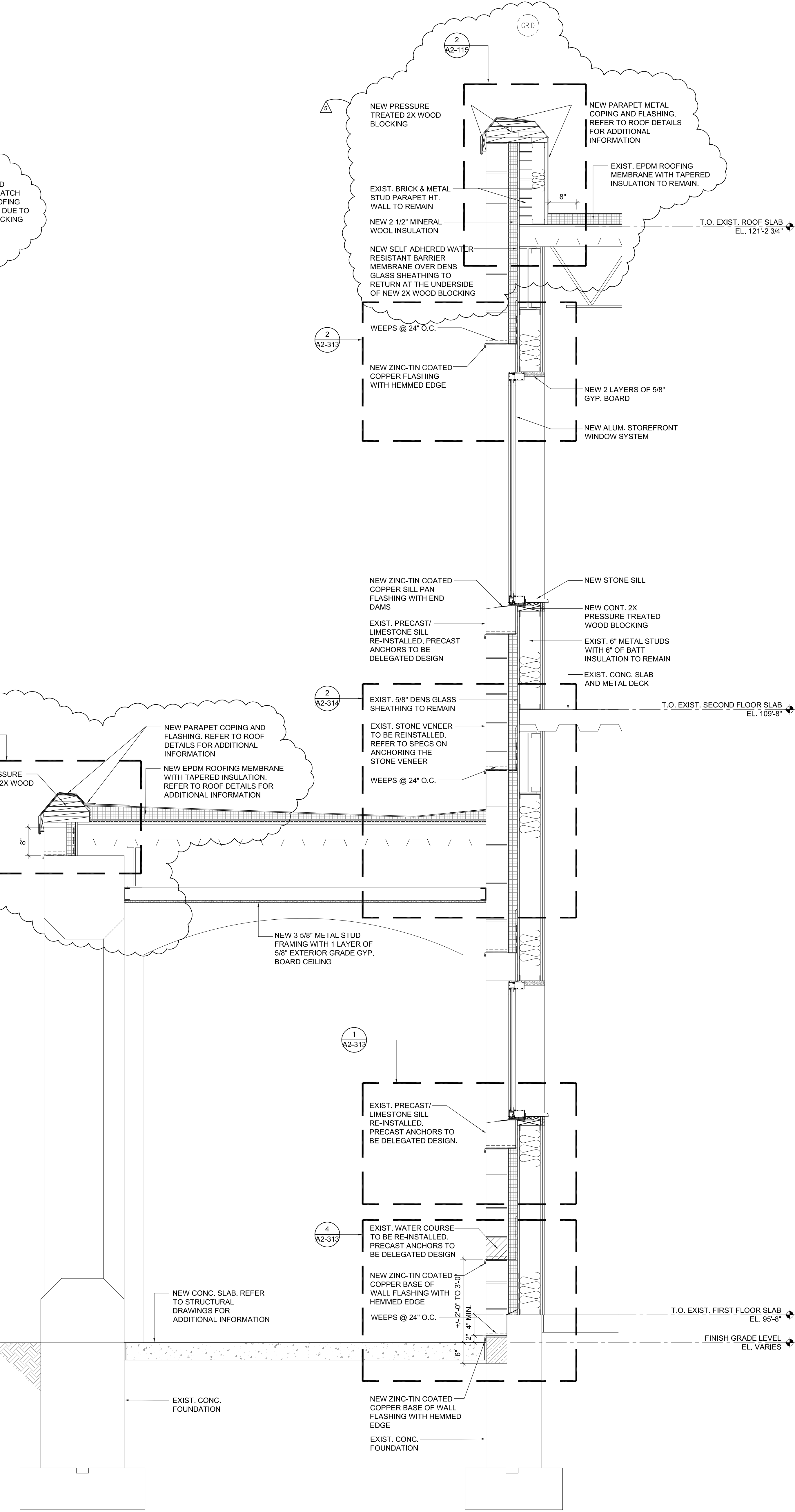
**EXTERIOR ELEVATIONS**  
**PROJECT 4**

SEAL & SIGNATURE | DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-203

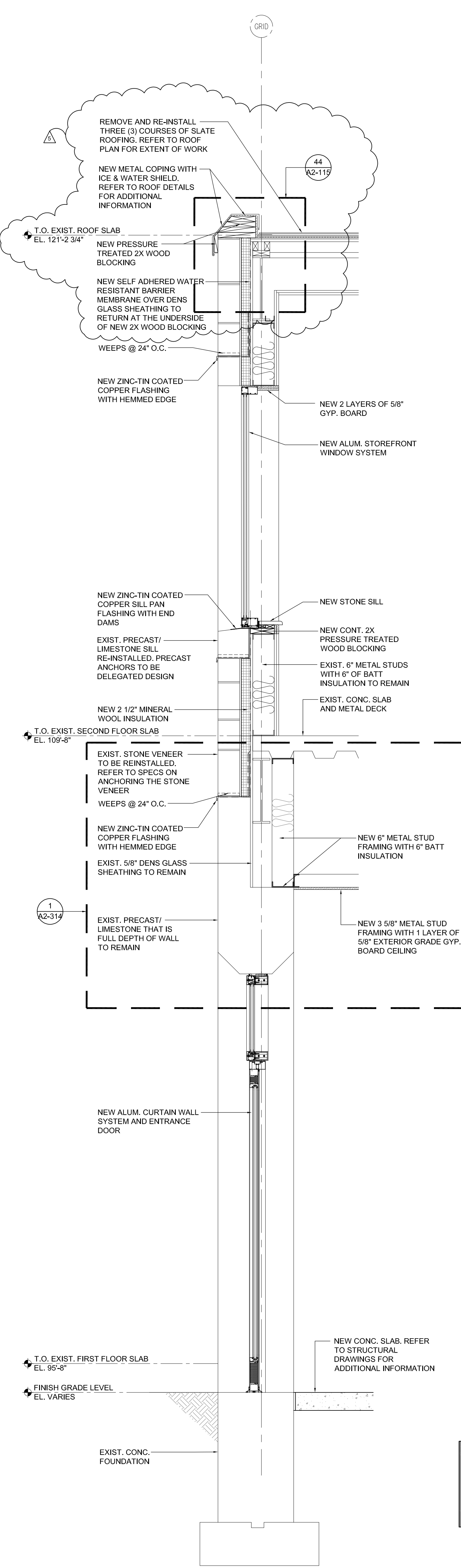




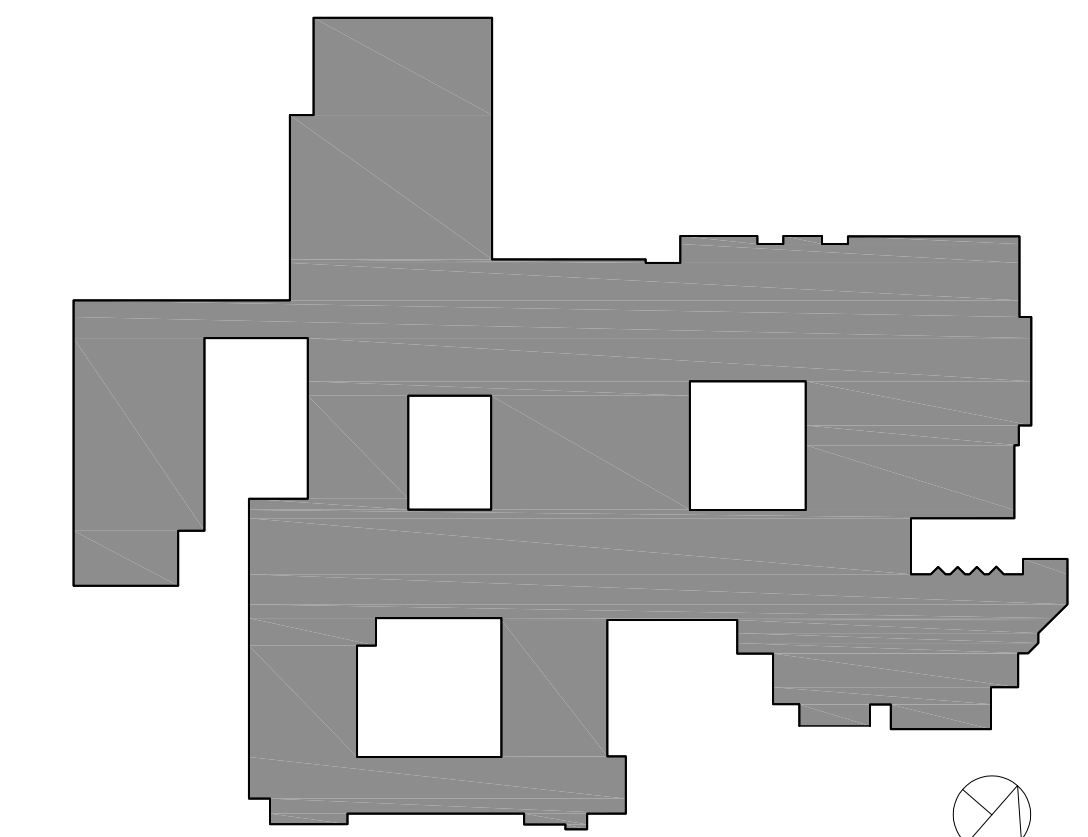
**1 TYP. WALL SECTION**  
SCALE: 3/4"=1'-0"



**2 WALL SECTION AT OPEN ENTRANCE VESTIBULE**  
SCALE: 3/4"=1'-0"



**3 WALL SECTION AT ENCLOSED ENTRANCE VESTIBULE**  
SCALE: 3/4"=1'-0"



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1"=100'

Revision Schedule		
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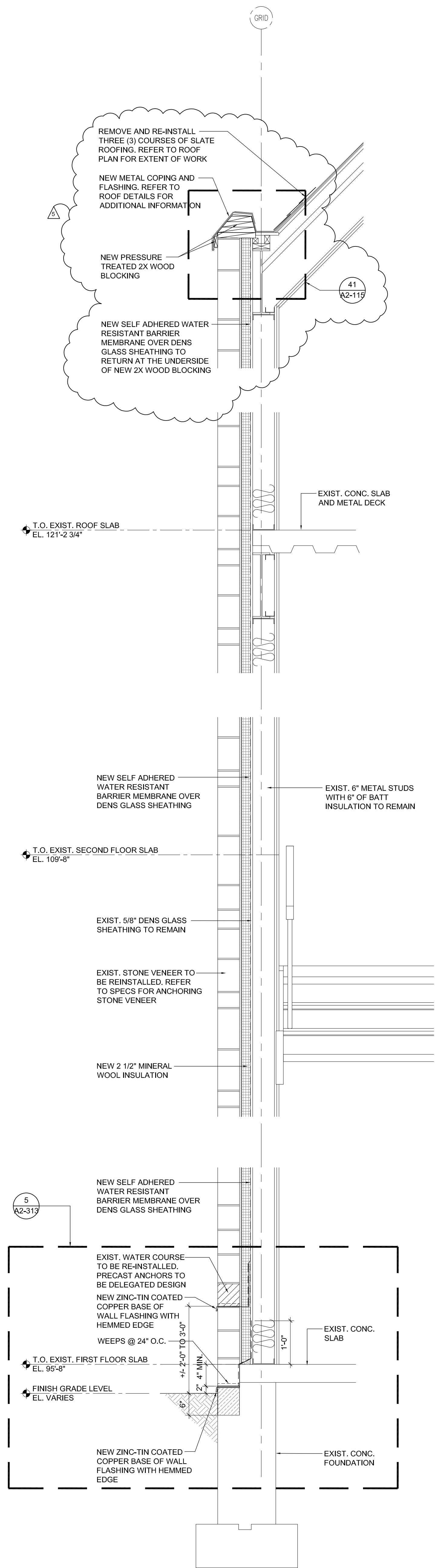
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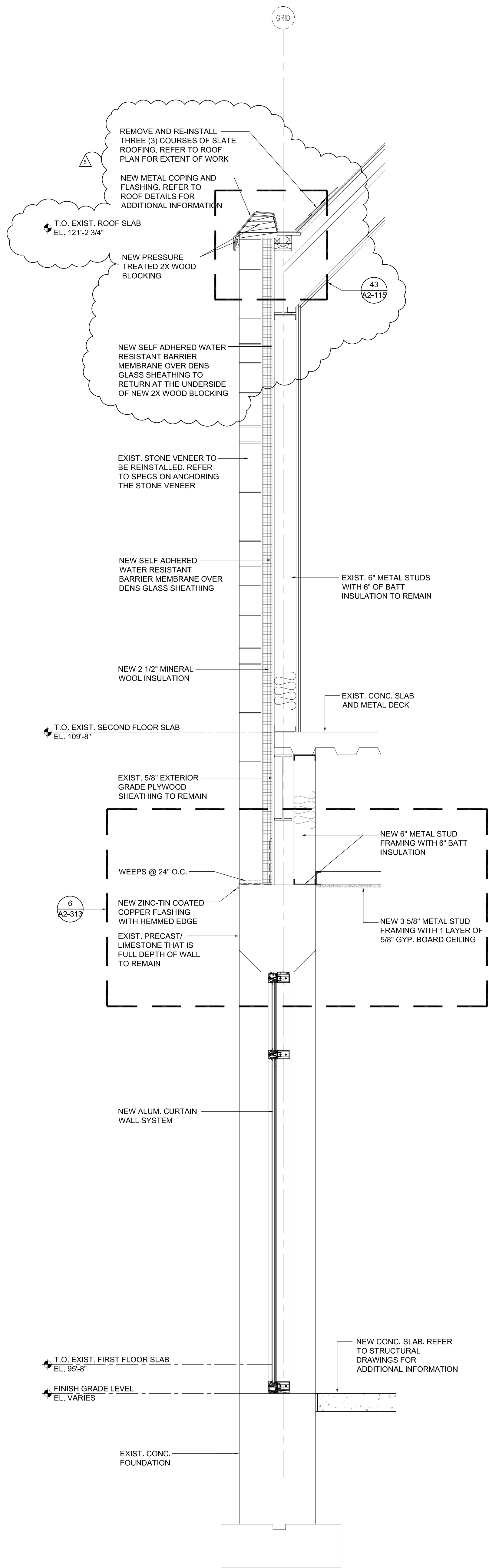
**MIDDLE SCHOOL WALL SECTIONS**  
**PROJECTS 1 & 4**  
SEAL & SIGNATURE DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-311





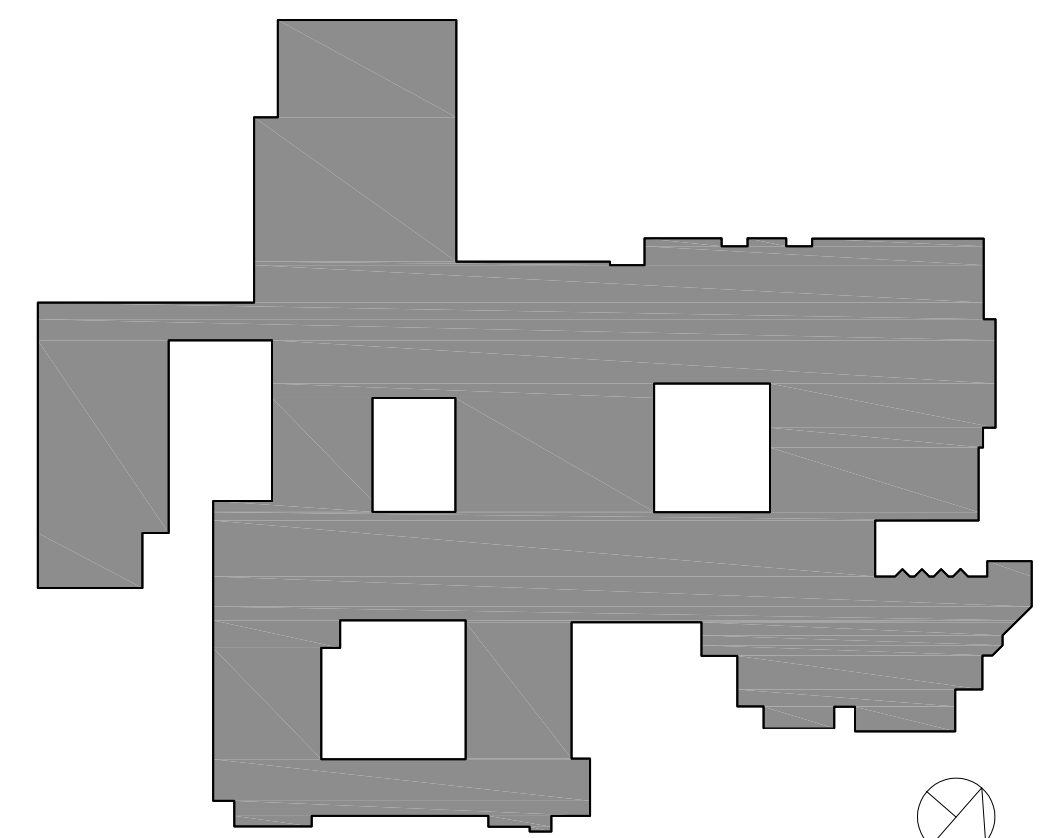
① WALL SECTION AT STAIR TOWER

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



② WALL SECTION AT ENCLOSED ENTRANCE VESTIBULE

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



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

Revision Schedule		
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PROJECT

Rye City School District  
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle  
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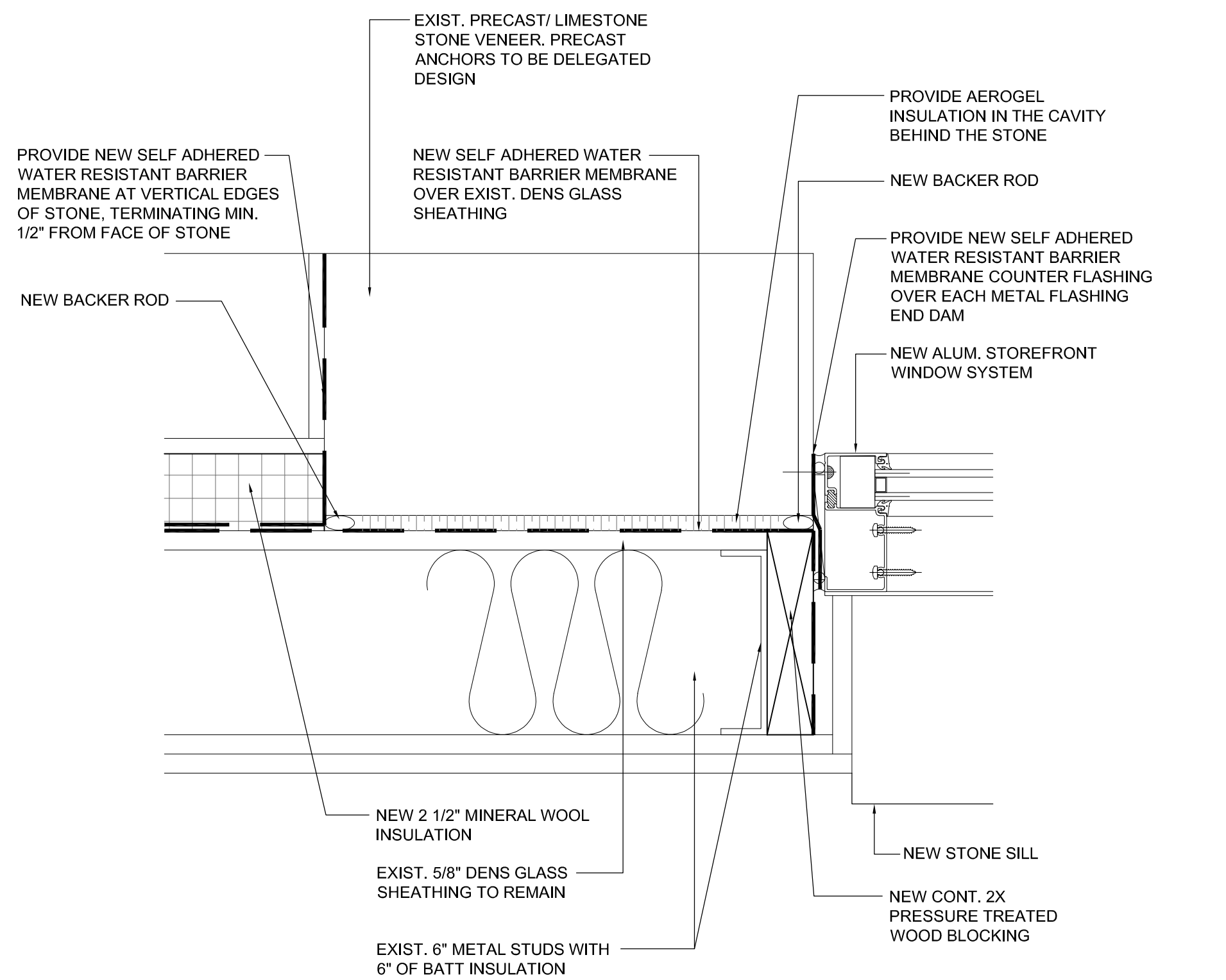
1 Parsons Street, Rye, New York 10580

MIDDLE SCHOOL WALL  
SECTIONS

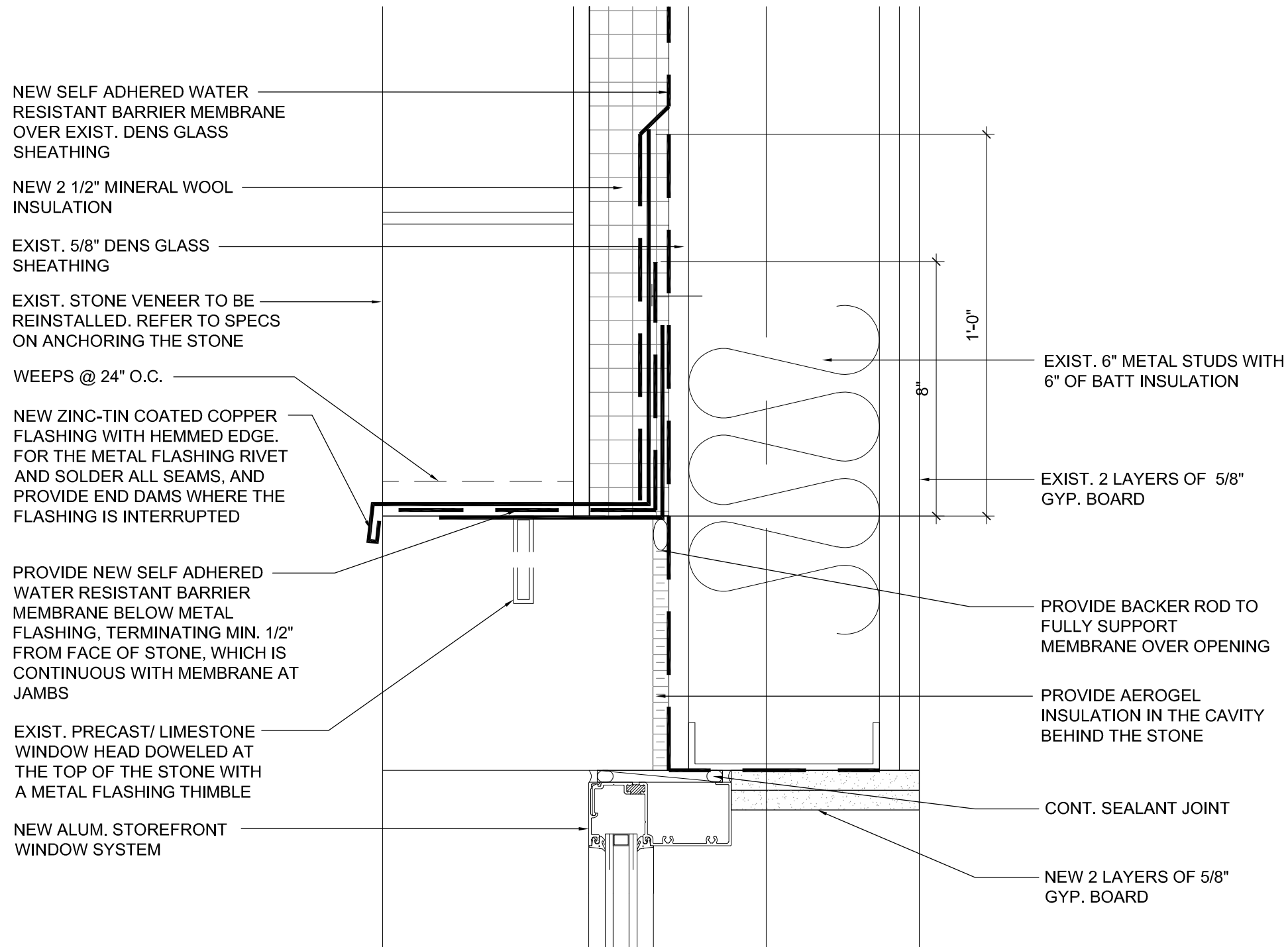
PROJECTS 1 & 4

SEAL & SIGNATURE DATE: 01/19/21  
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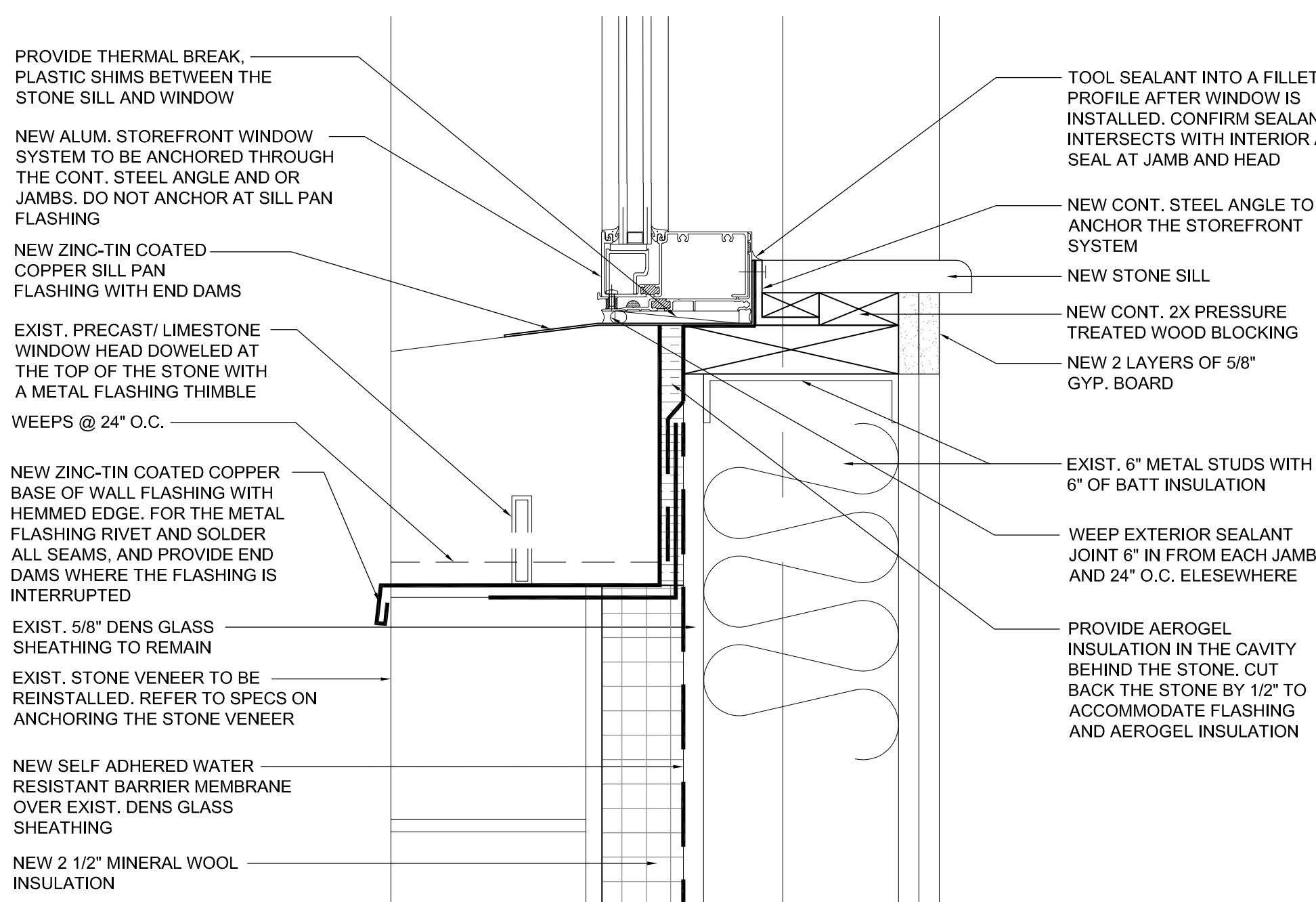




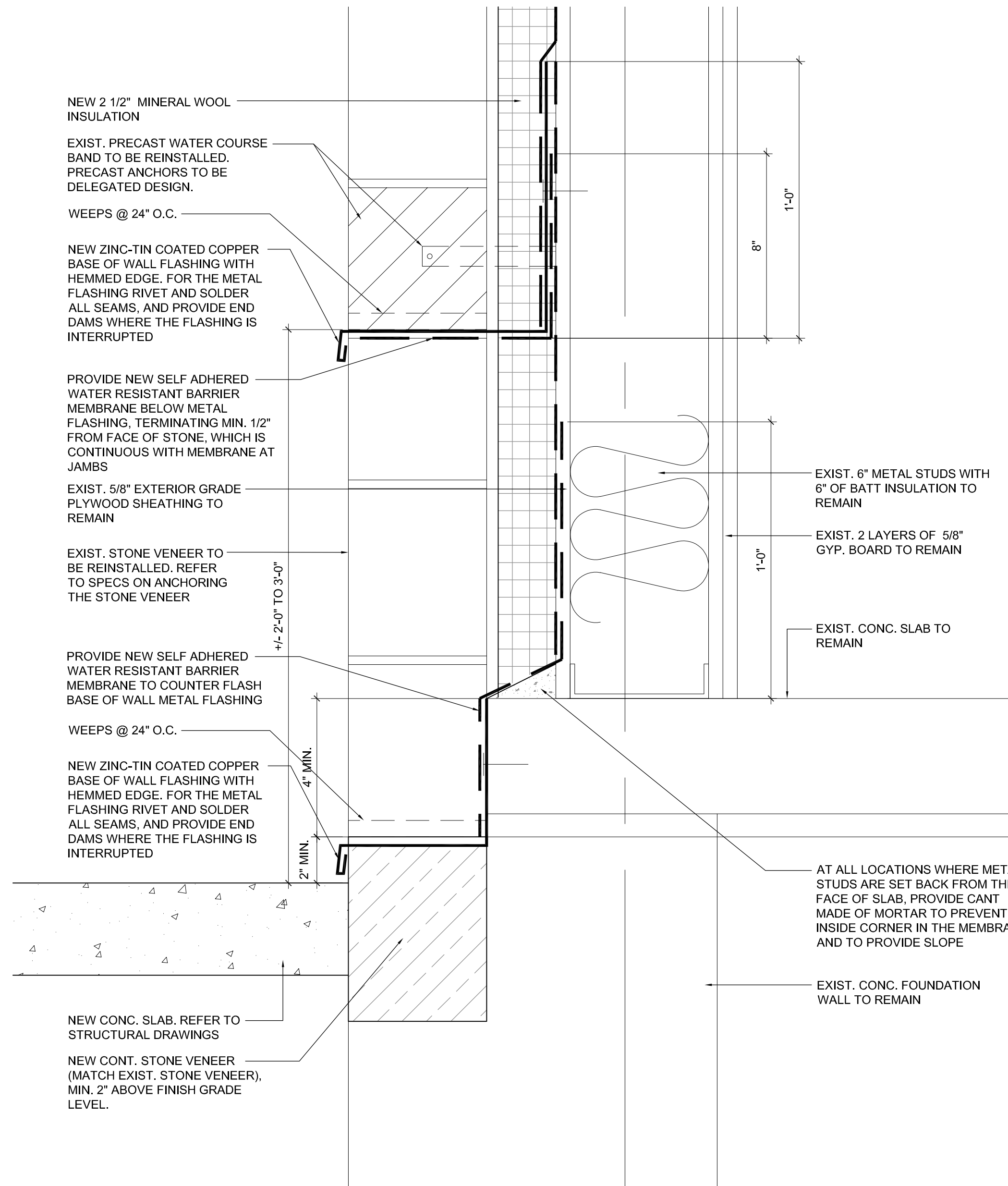
**JAMB DETAIL AT  
STOREFRONT WINDOW**  
SCALE: 3" = 1'-0"



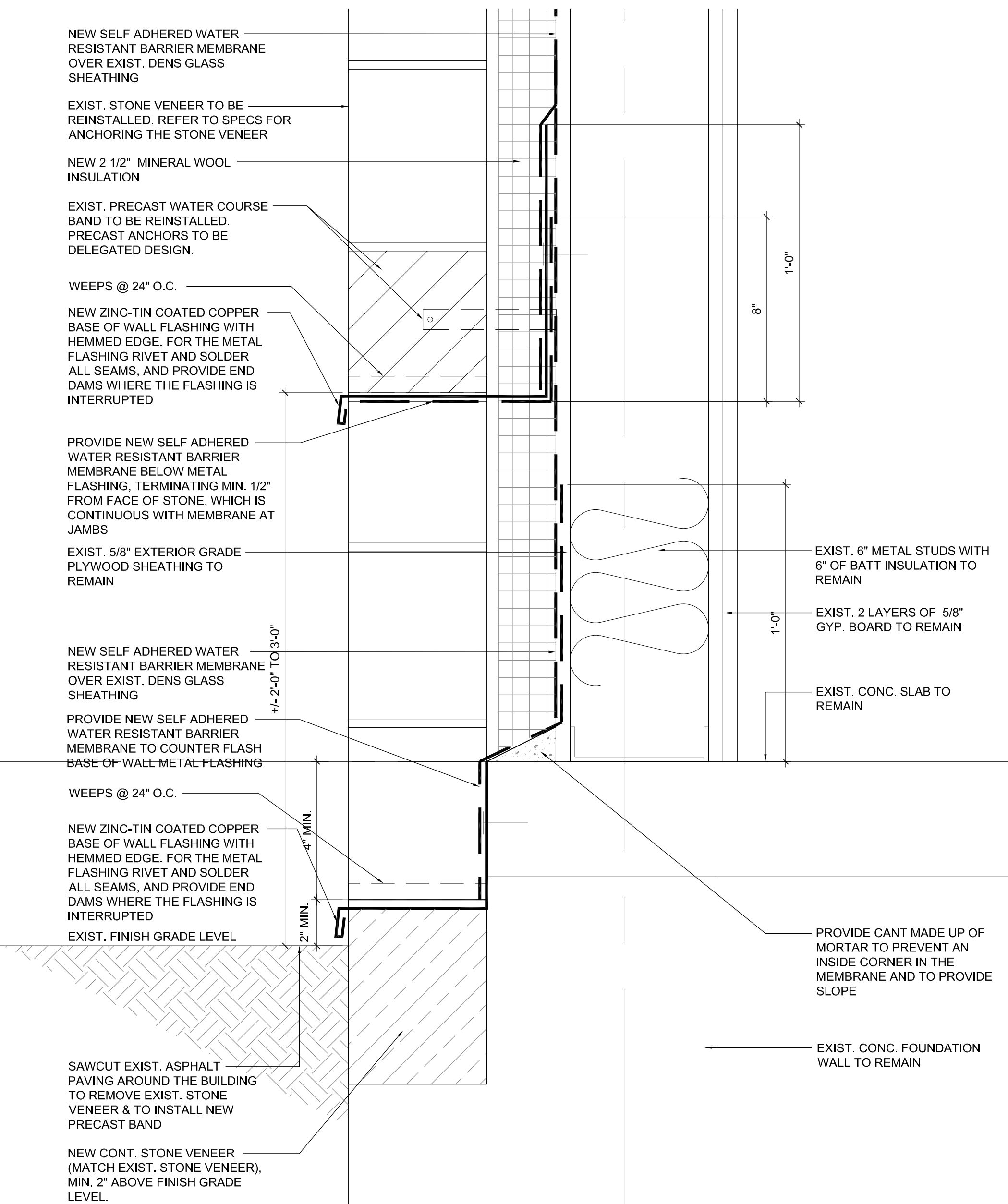
**HEAD DETAIL AT  
STOREFRONT WINDOW**  
SCALE: 3" = 1'-0"



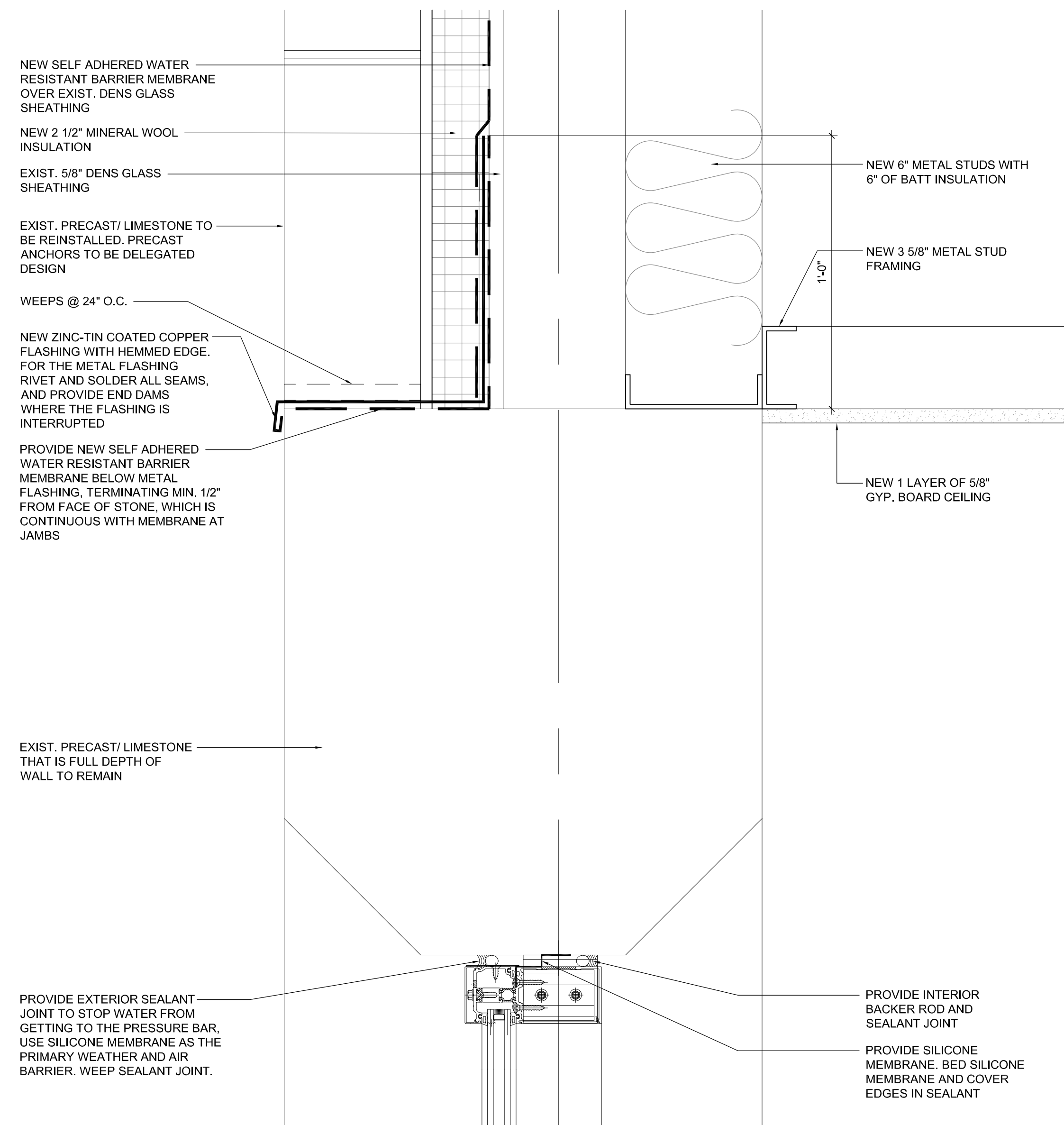
**SILL DETAIL AT  
STOREFRONT WINDOW**  
SCALE: 3" = 1'-0"



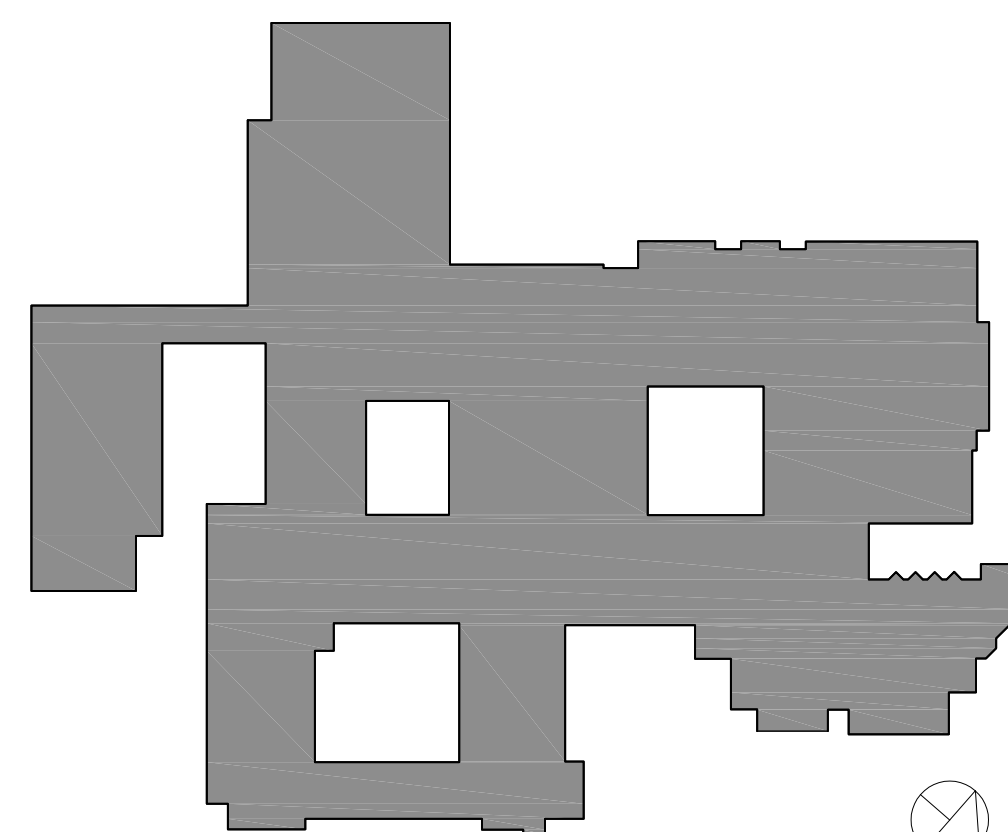
**DETAIL AT WALL BASE**  
SCALE: 3" = 1'-0"



**DETAIL AT WALL BASE**  
SCALE: 3" = 1'-0"



**HEAD DETAIL AT CURTAIN  
WALL SYSTEM**  
SCALE: 3" = 1'-0"



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

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WATSKY ASSOCIATES INC.  
20 Madison Ave  
Valhalla, NY 10595  
914-948-3450

**Acoustic Consultant**  
DP DESIGN  
12 Cold Spring Street  
Providence, RI  
401-861-3218

**AV Consultant**  
CAVANAUGH TOCCI  
327 F Boston Post Road  
Sudbury, MA 01776-3027  
978-443-7871

SED #: 6618-0001-0005-032

PROJECT

**Rye City School District**

555 Theodore Fremd Ave, Rye, NY 10580

**Rye High School & Middle  
School**

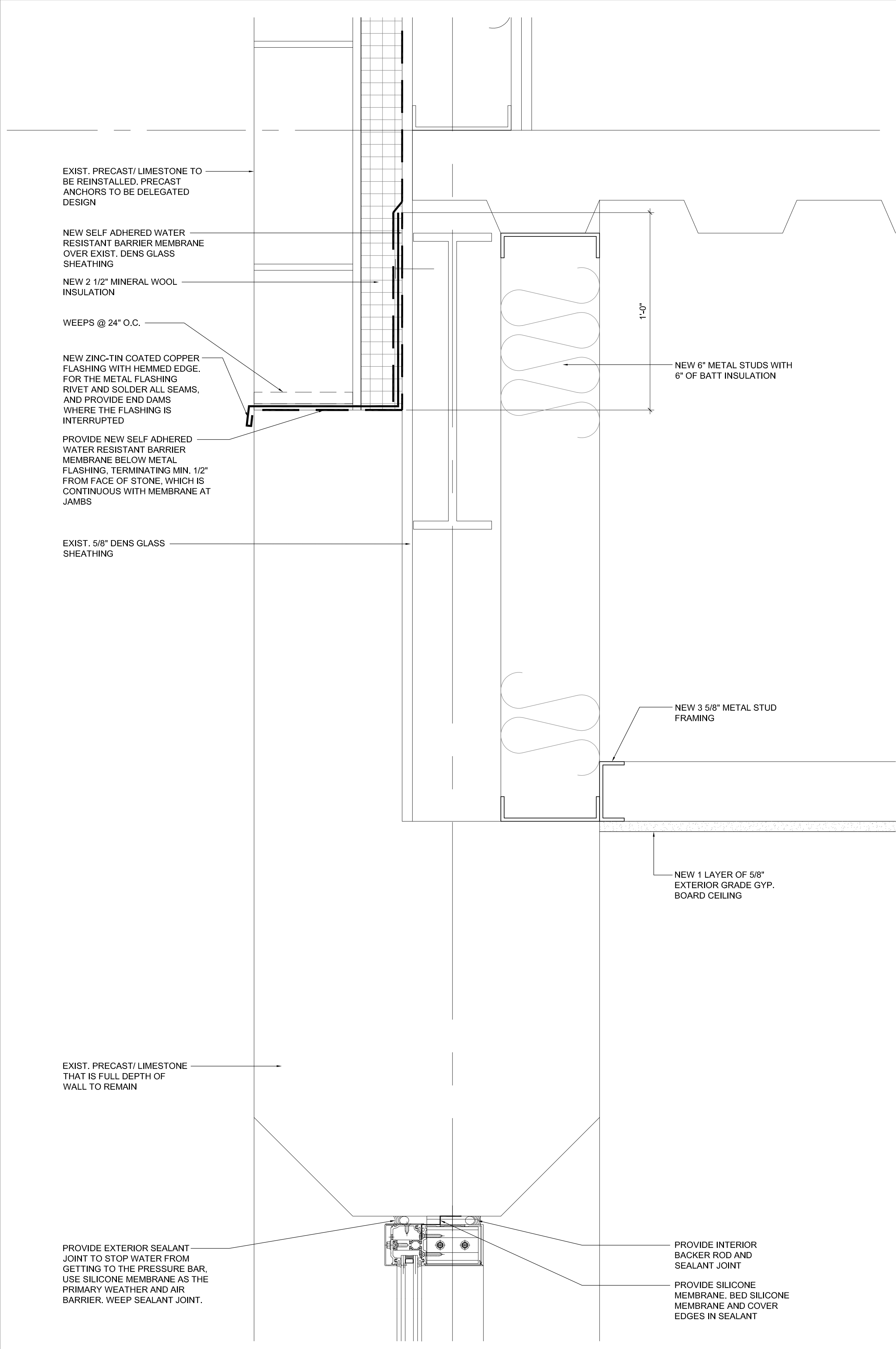
1 Parsons Street, Rye, New York 10580

**STOREFRONT SYSTEM  
DETAILS**

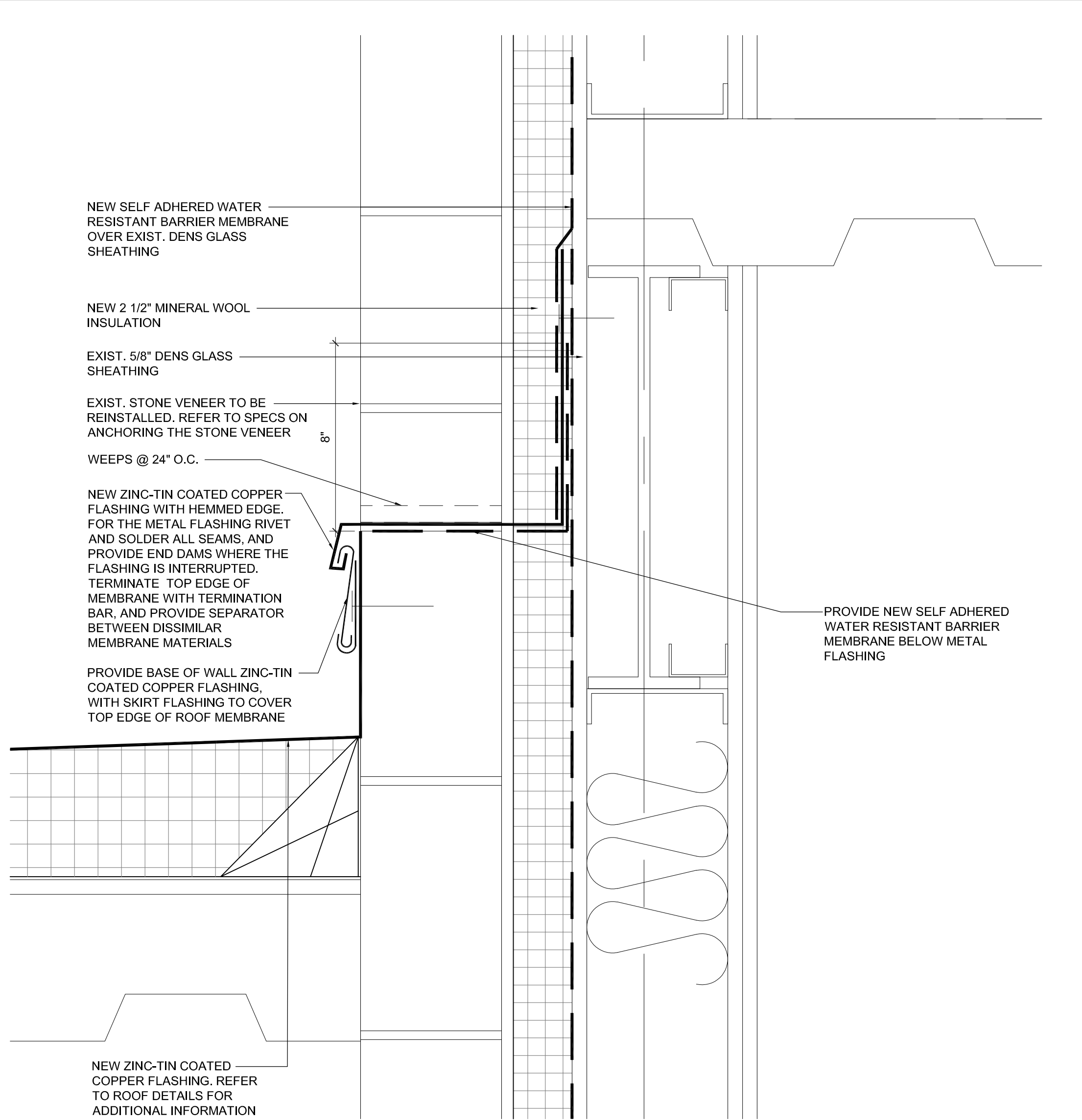
**PROJECTS 1 & 4**

SEAL & SIGNATURE: DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-313

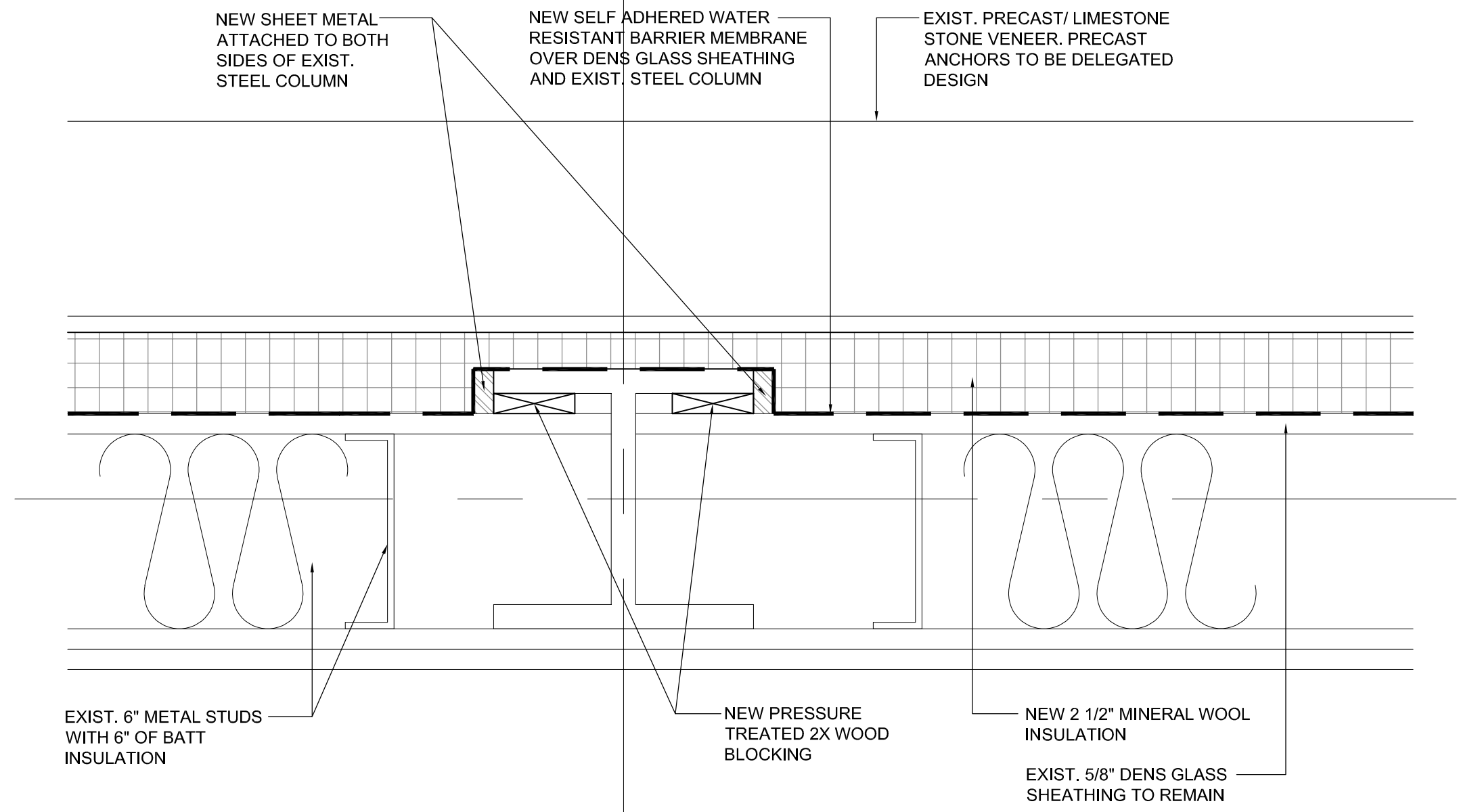




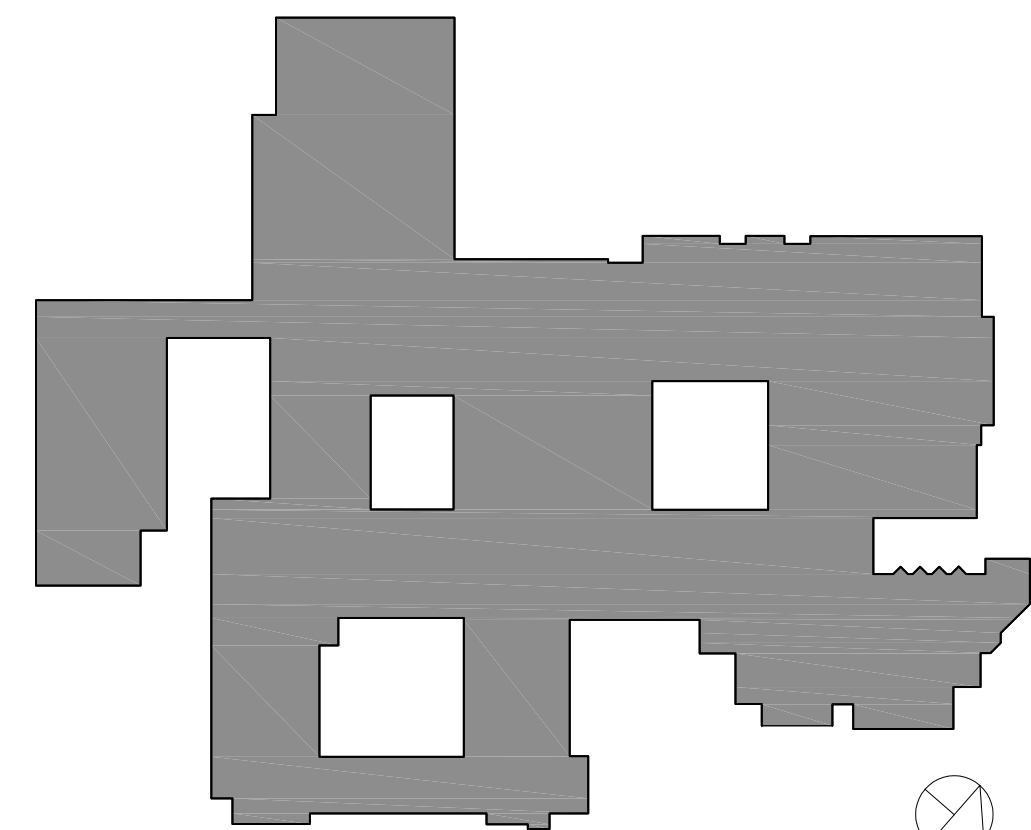
1 HEAD DETAIL AT CURTAIN WALL SYSTEM



2 DETAIL AT OPEN ENTRANCE VESTIBULE  
SCALE: 3" = 1'-0"



TYP. EXTERIOR WALL  
3 DETAIL AT COLUMN  
SCALE: 3" = 1'-0"



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

Revision Schedule		
No.	Description	Date
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

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**bga**  
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CONSULTING ENGINEERS  
39 MARBLE AVENUE PLEASANTVILLE, NY 10570  
914.328.6060 General@BGA-Eng.com www.BGA-Eng.com

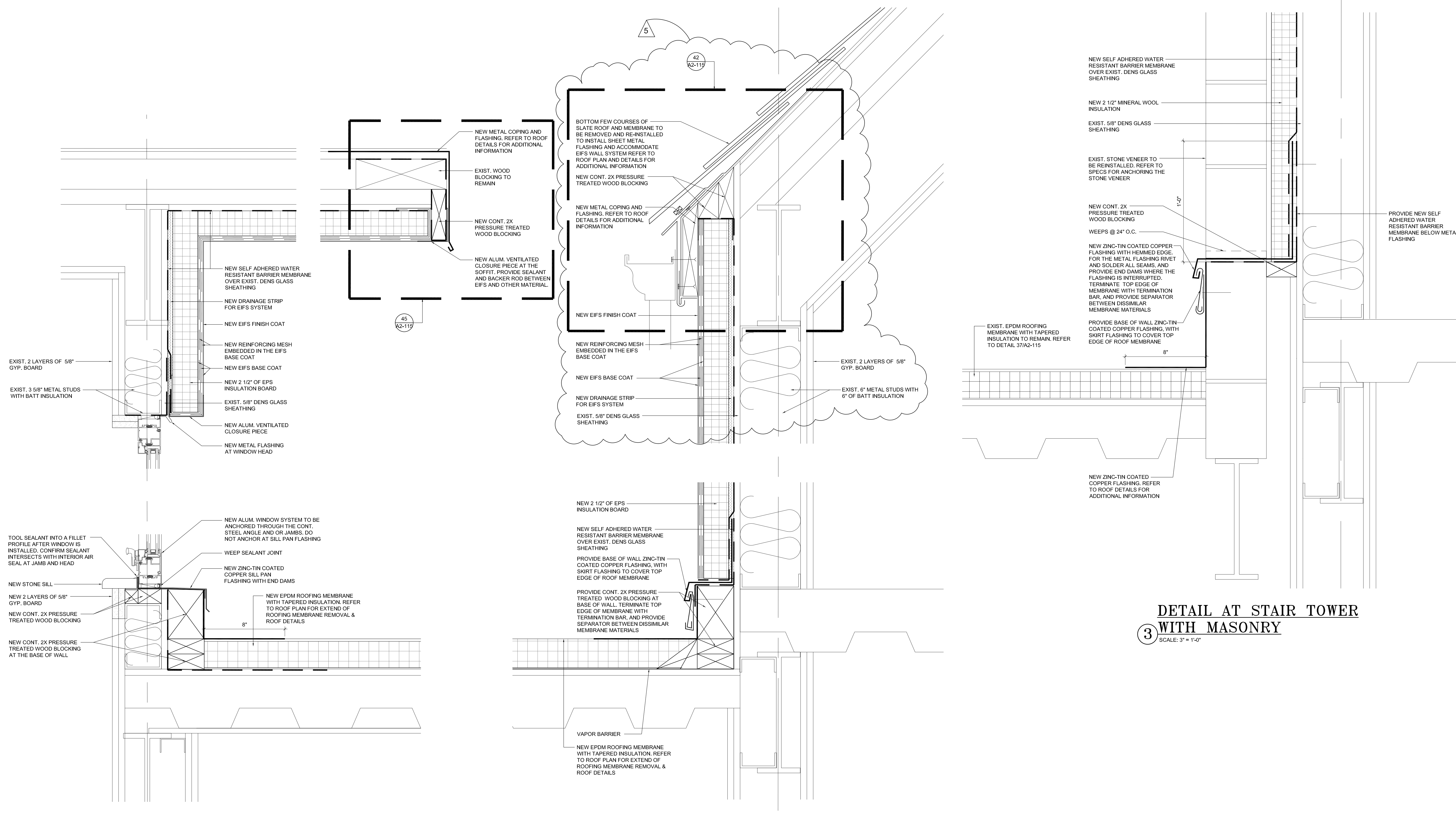
**Construction Manager**  
SAVIN ENGINEERS, P.C.  
3 Campus Drive  
Pleasantville, NY 10570  
914-769-3200  
**Structural Engineer**  
ODEH ENGINEERS  
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SED #: 6618-0001-0005-032

PROJECT  
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555 Theodore Fremd Ave, Rye, NY 10580  
**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

STOREFRONT SYSTEM & COLUMN DETAILS  
PROJECTS 1 & 4  
SEAL & SIGNATURE | DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-314

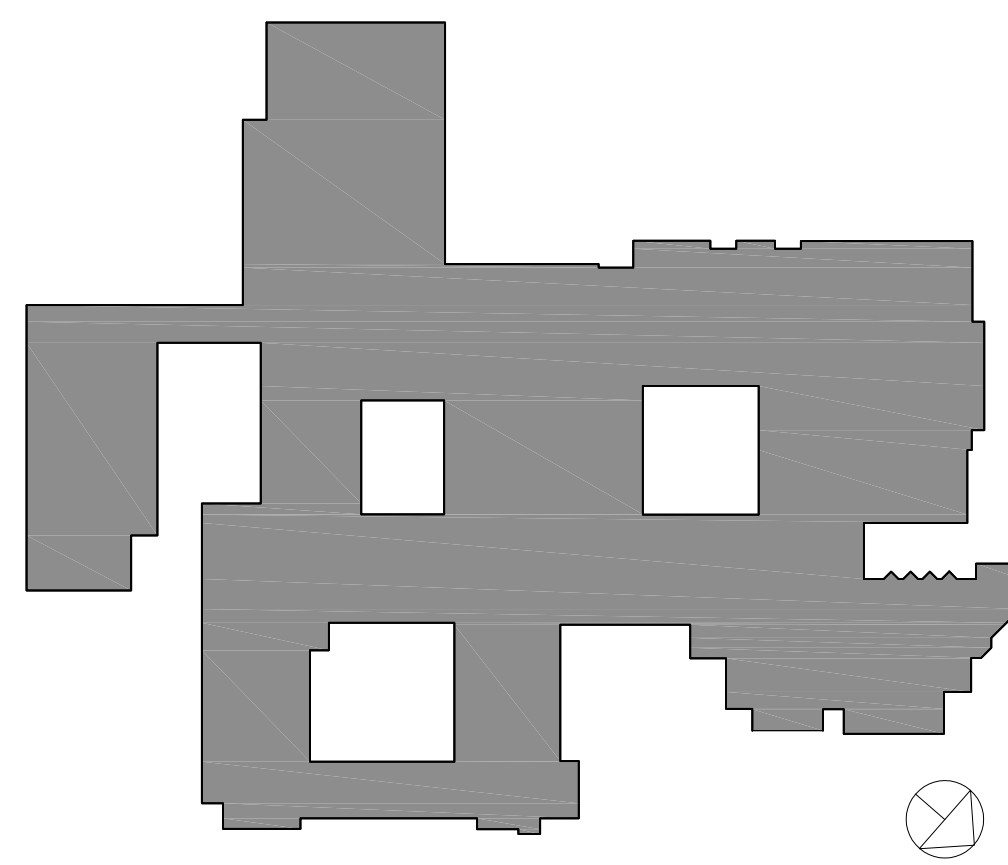




DETAIL AT CLERESTORY  
1 WINDOW  
SCALE: 3" = 1'-0"

DETAIL AT STAIR TOWER  
2 WITH EIFS CLADDING SYSTEM  
SCALE: 3" = 1'-0"

DETAIL AT STAIR TOWER  
3 WITH MASONRY  
SCALE: 3" = 1'-0"



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

Revision Schedule		
No.	Description	Date
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

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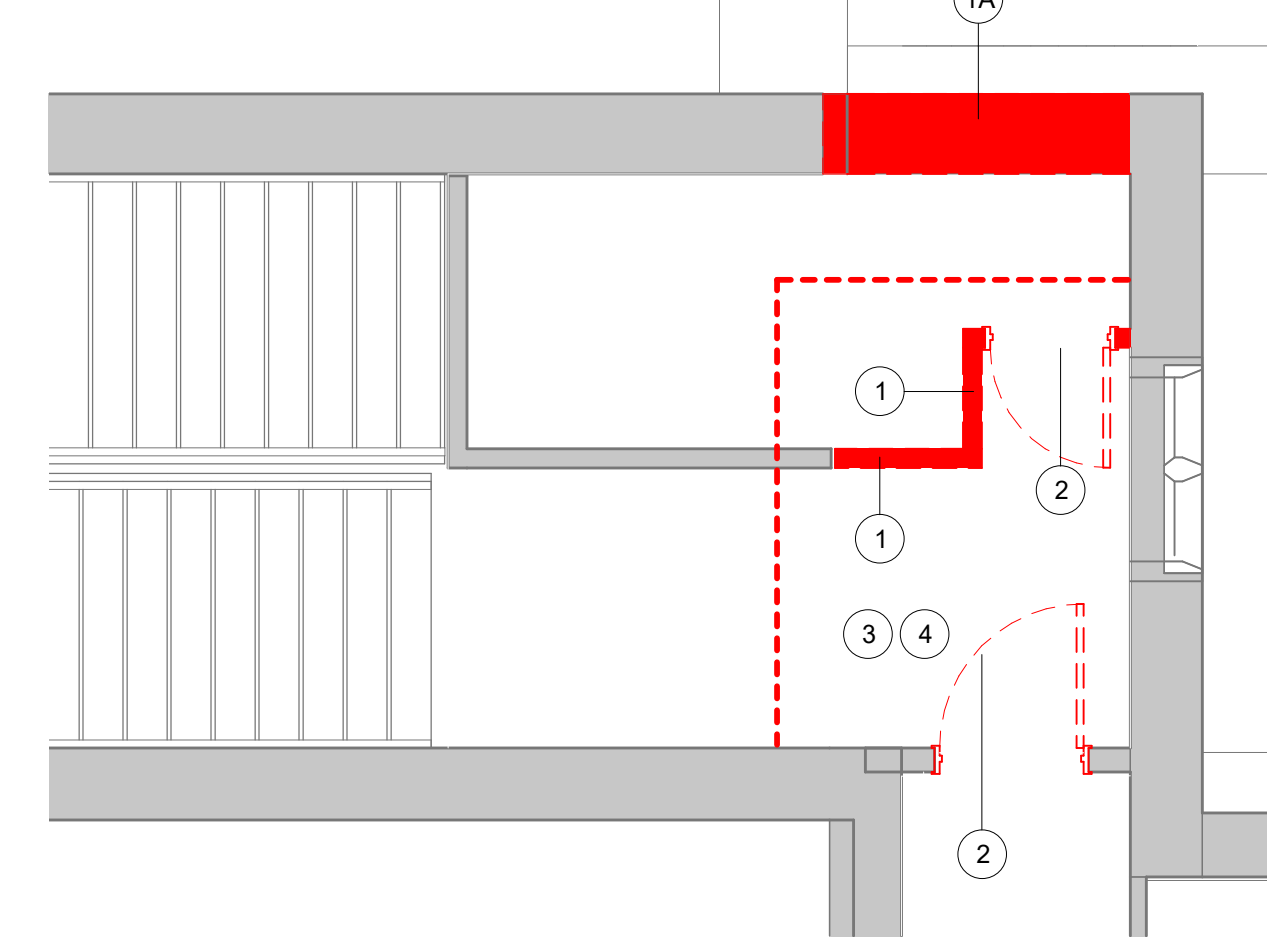
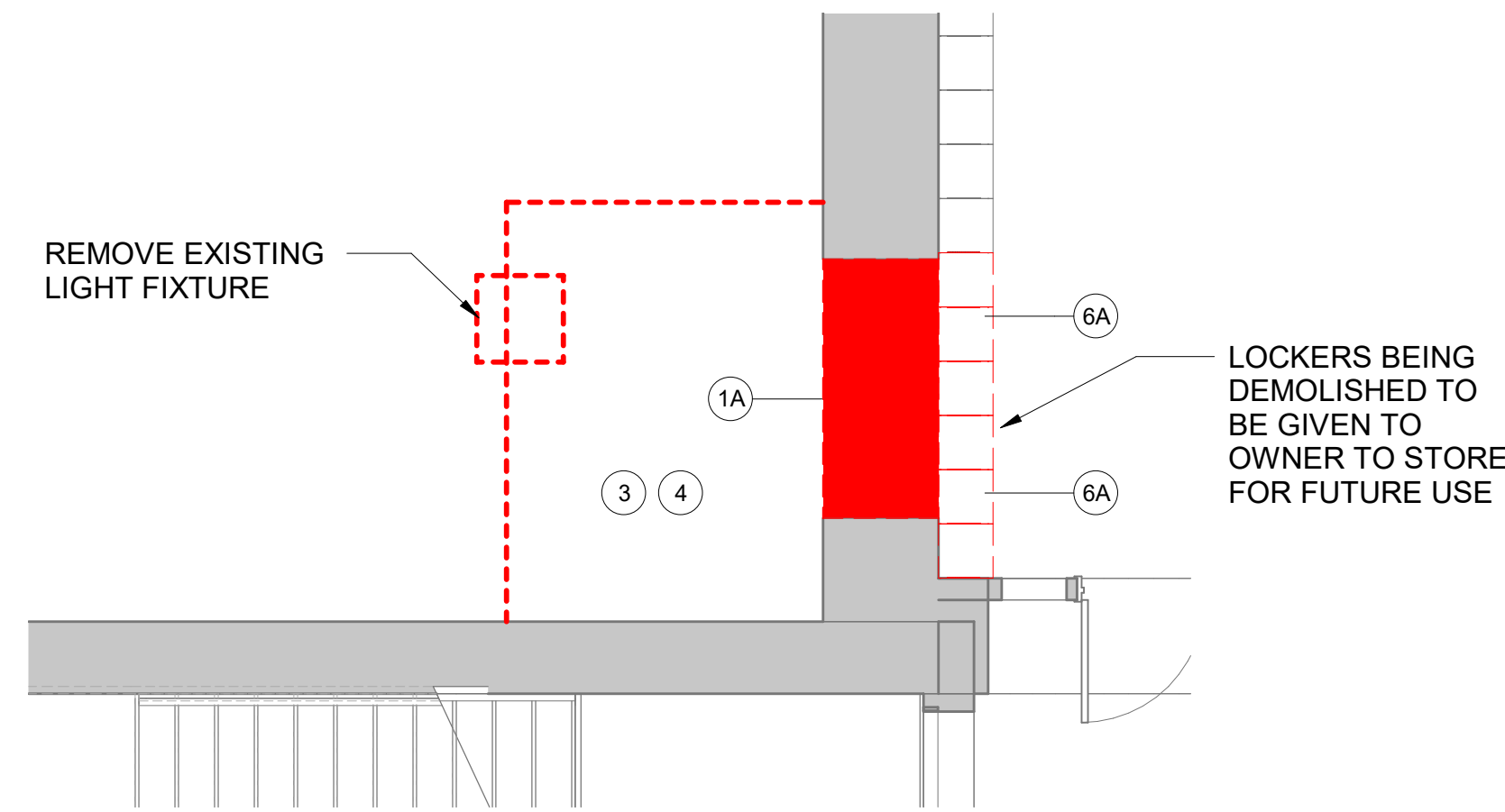
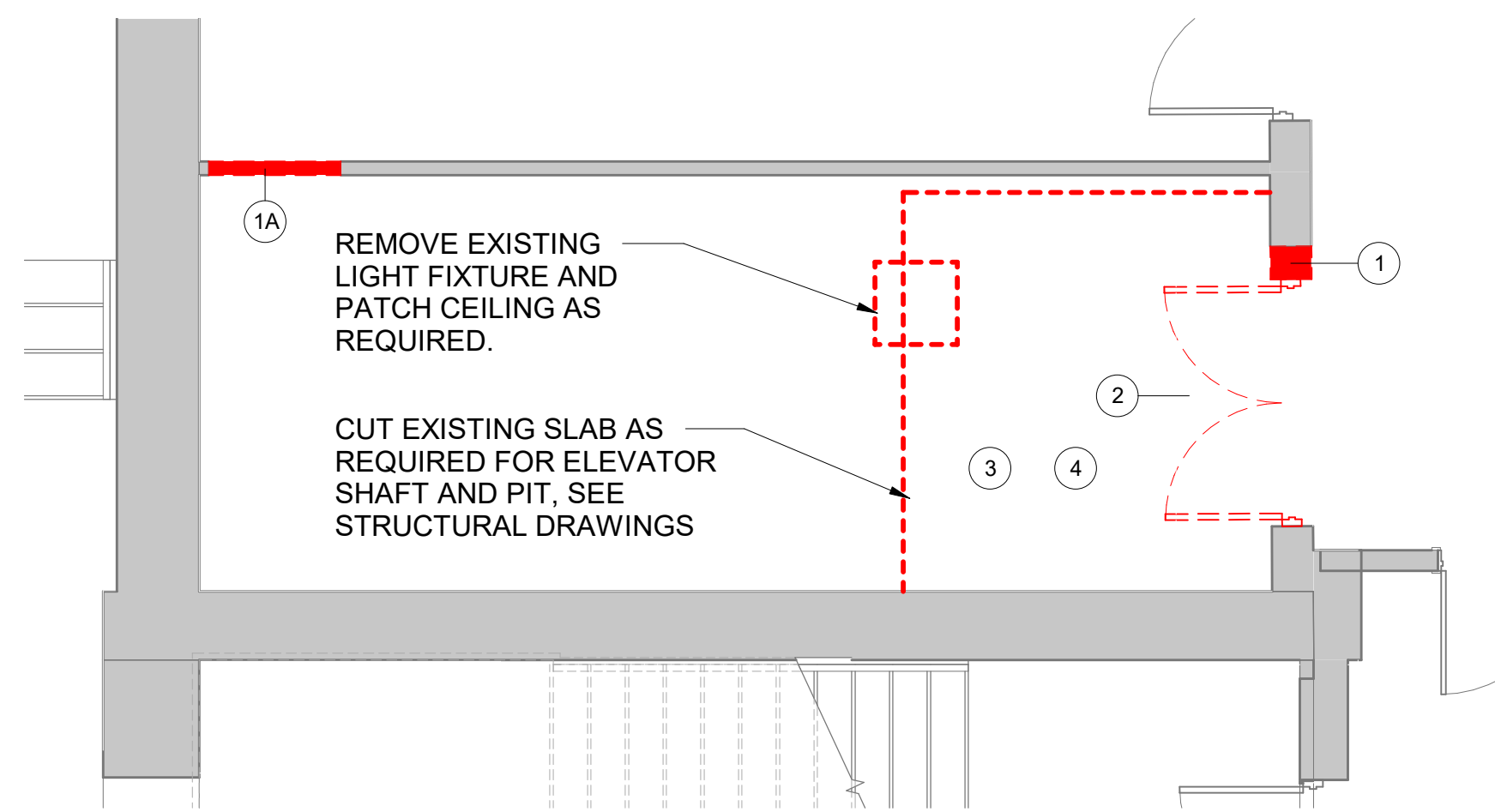
SED #: 6618-0001-0005-032

PROJECT  
Rye City School District  
555 Theodore Fremd Ave, Rye, NY 10580  
Rye High School & Middle School  
1 Parsons Street, Rye, New York 10580

DETAILS AT CLERESTORY AND STAIR TOWER  
PROJECT 4

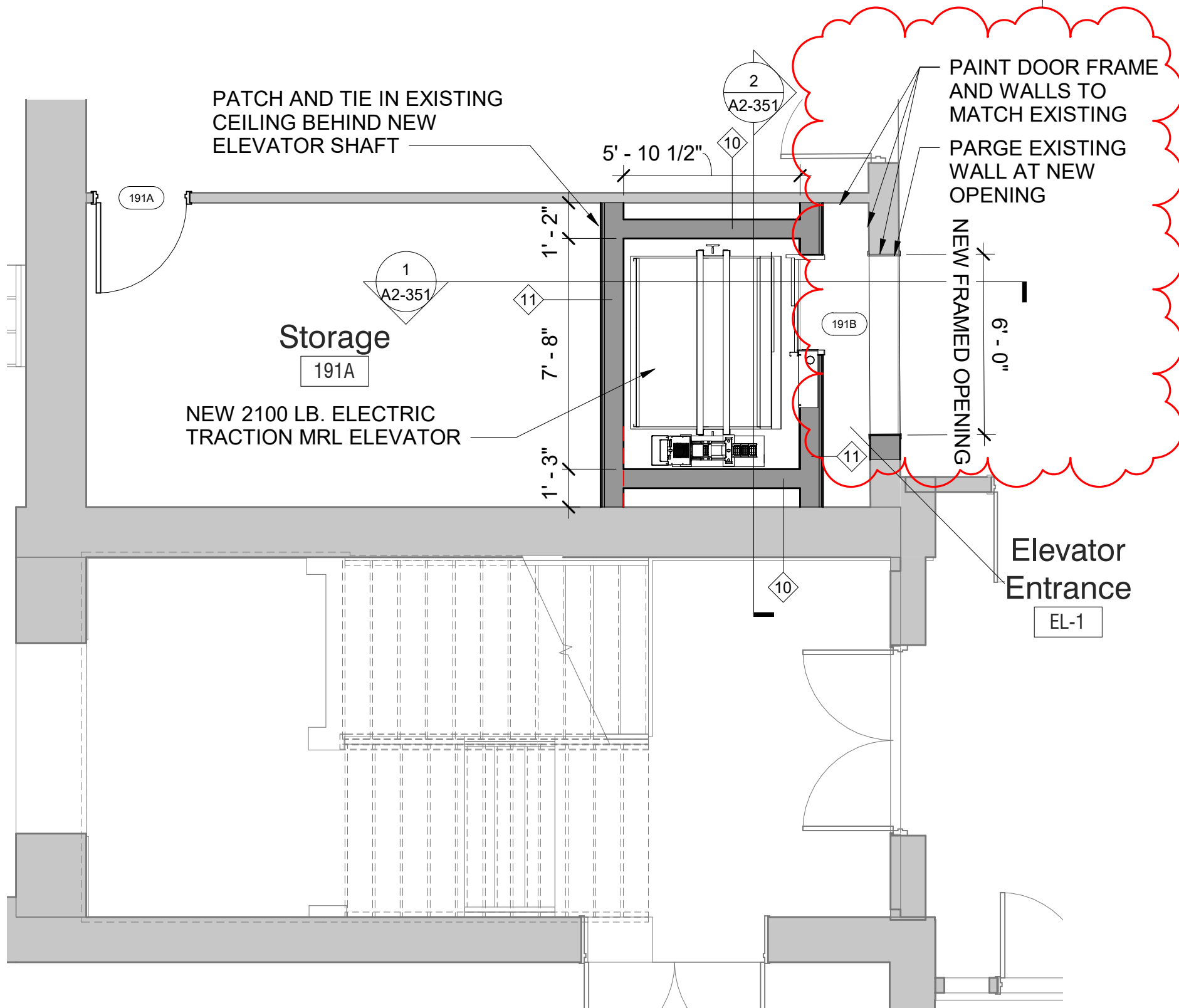
SEAL & SIGNATURE	DATE: 01/19/21
	PROJECT No: 9200
	DRAWING BY: Author
	CHK BY: Checker
	DWG No: A2-315





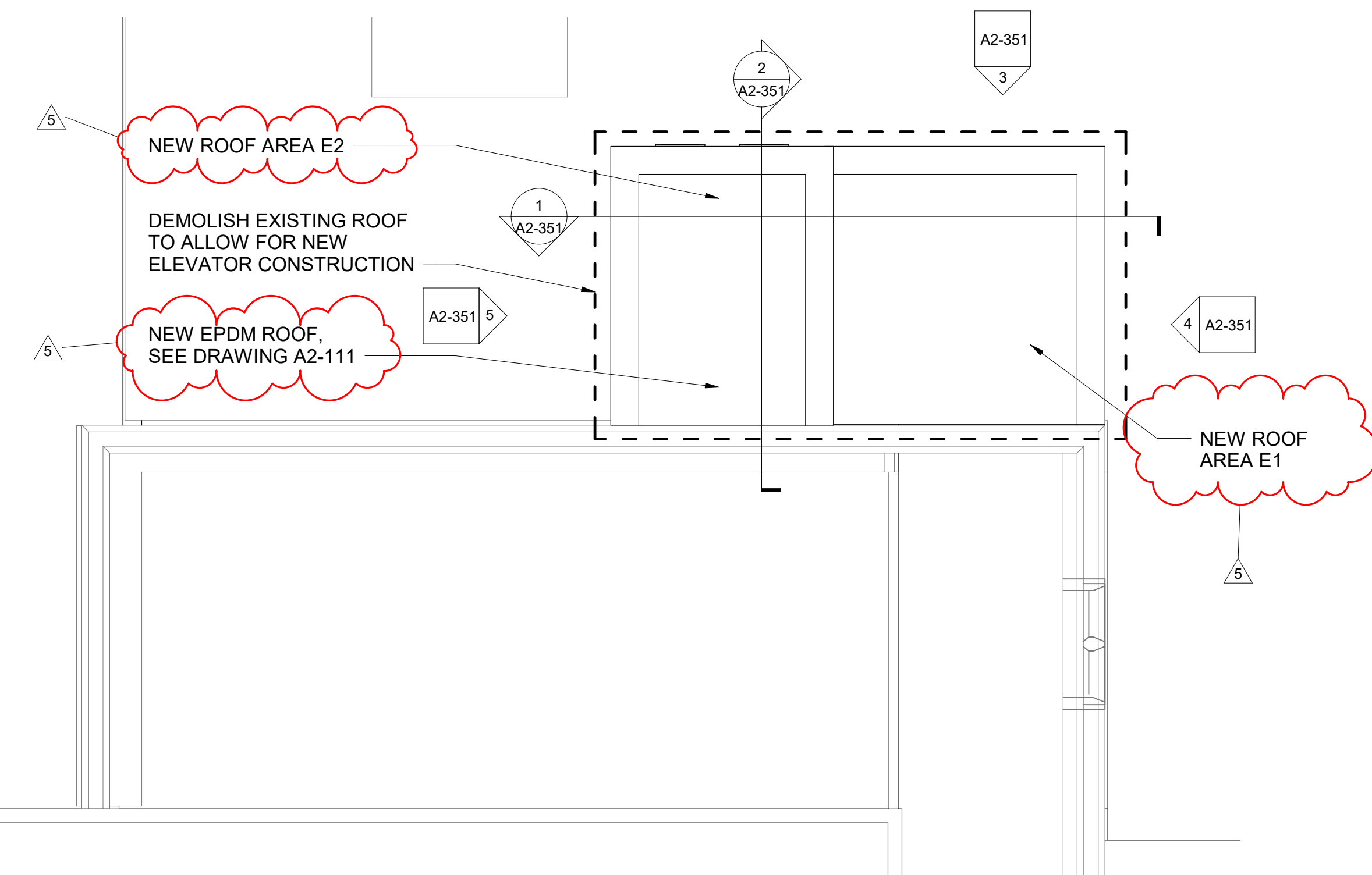
### 1 First Floor Elevator Demolition Plan

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



### 4 First Floor Elevator Plan

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

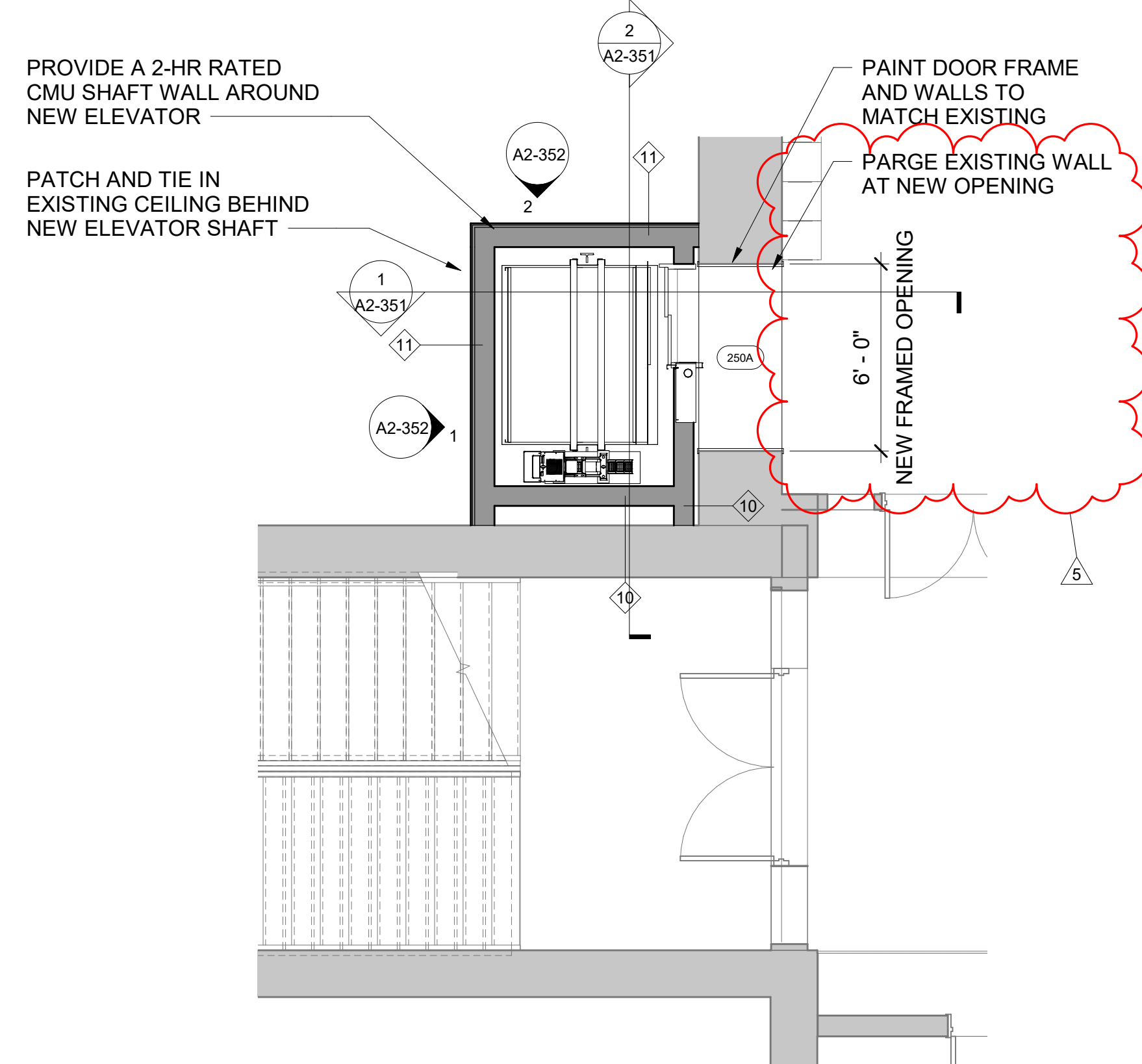


### 7 Elevator Roof Plan

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

### 2 Second Floor Elevator Demolition Plan

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

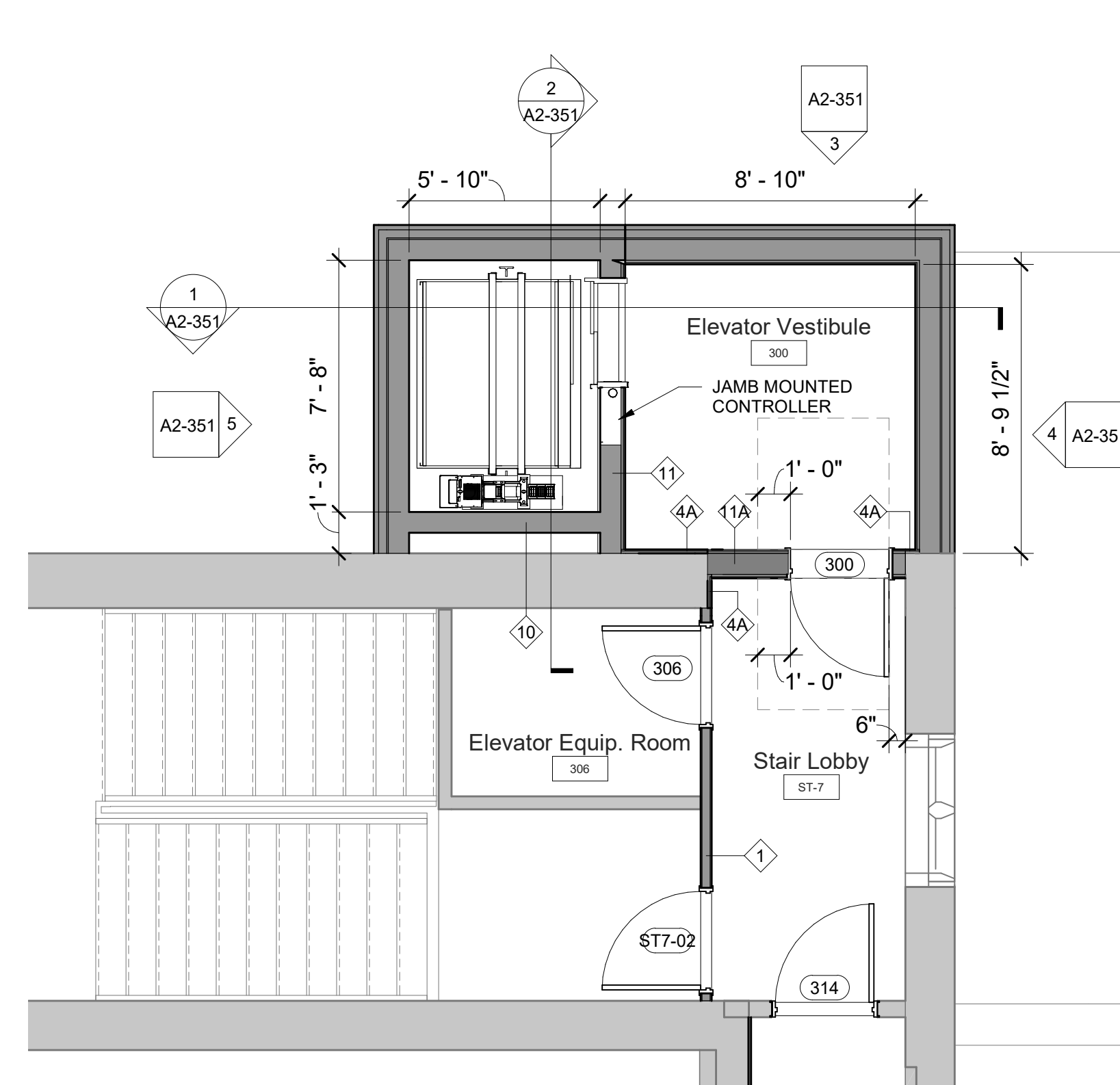


### 5 Second Floor Elevator Plan

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

### 3 Third Floor Elevator Demolition Plan

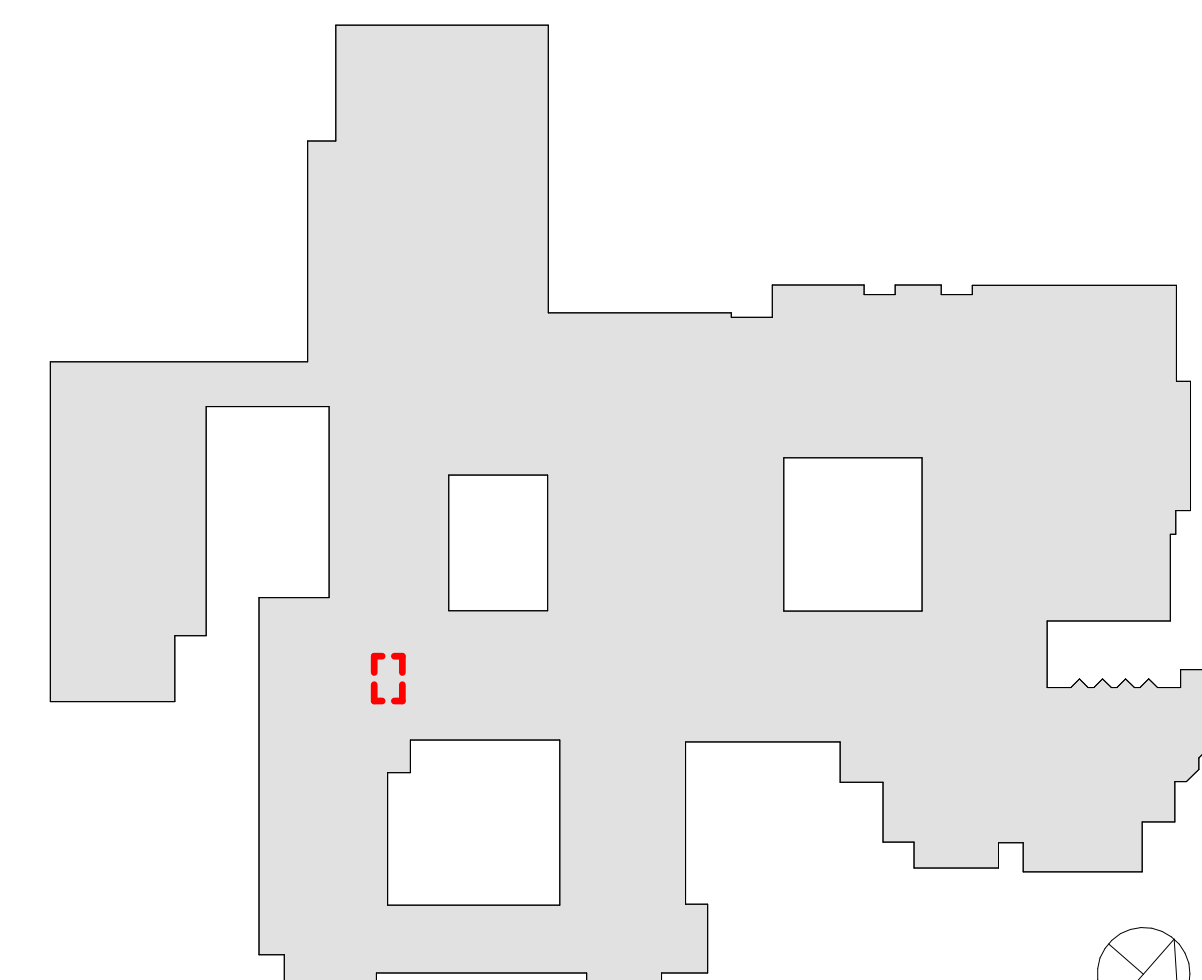
SCALE: 1/4" = 1'-0"



### 6 Third Floor Elevator Plan

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

Demolition Keynote Legend Phase 2	
Key Value	Keynote Text
1	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY.
1A	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A DOOR OPENING. SEE DOOR SCHEDULE.
1B	REMOVE EXISTING GYP. BD./ TILE ON TAG SIDE OF THE WALL. EXISTING STUDS TO REMAIN.
1C	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A WINDOW OPENING. SEE WINDOW TYPES.
1D	EXISTING STONE VENEER/PRECAST/LIMESTONE TO BE REMOVED AND STORED TO BE RE-INSTALLED. SEE DEMO AND PROPOSED DRAWINGS FOR EXTENT OF WORK.
2	REMOVE EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE.
2A	REMOVE EXISTING EXTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
2B	REMOVE EXISTING INTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
2C	REMOVE EXISTING EXTERIOR LOUVER, FRAME, SILL & ACCOCIATED HARDWARE
3	REMOVE EXISTING FLOORING, BASE, ADHESIVE AND ALL APPLIED ACCESSORIES. FLASH PATCH AS REQUIRED TO ACHIEVE SMOOTH AND LEVEL SUBSTRATE PER MANUF. SPEC. FOR NEW FLOORING. PITCH TO NEW FLOOR DRAINS.
4	REMOVE EXISTING GYP. BD. CEILINGS, CEILING GRID, TILES & SOFFITS BELOW STRUCTURAL DECK. REMOVE EXISTING LIGHT FIXTURES AND DEVICES.
5	REMOVE EXISTING PLUMBING FIXTURES, TOILET PARTITIONS & ASSOCIATED PLUMBING AND ACCESSORIES.
6	REMOVE EXISTING MILLWORK COUNTER, CABINETS AND SHELVING.
6A	REMOVE EXISTING LOCKERS AND ASSOCIATED HARDWARE.



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
2	SED SUBMISSION: Addendum #1	01/11/2021
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

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AV Consultant  
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978-443-7871

SED #: 6618-0001-0005-032

PROJECT

Rye City School District  
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School

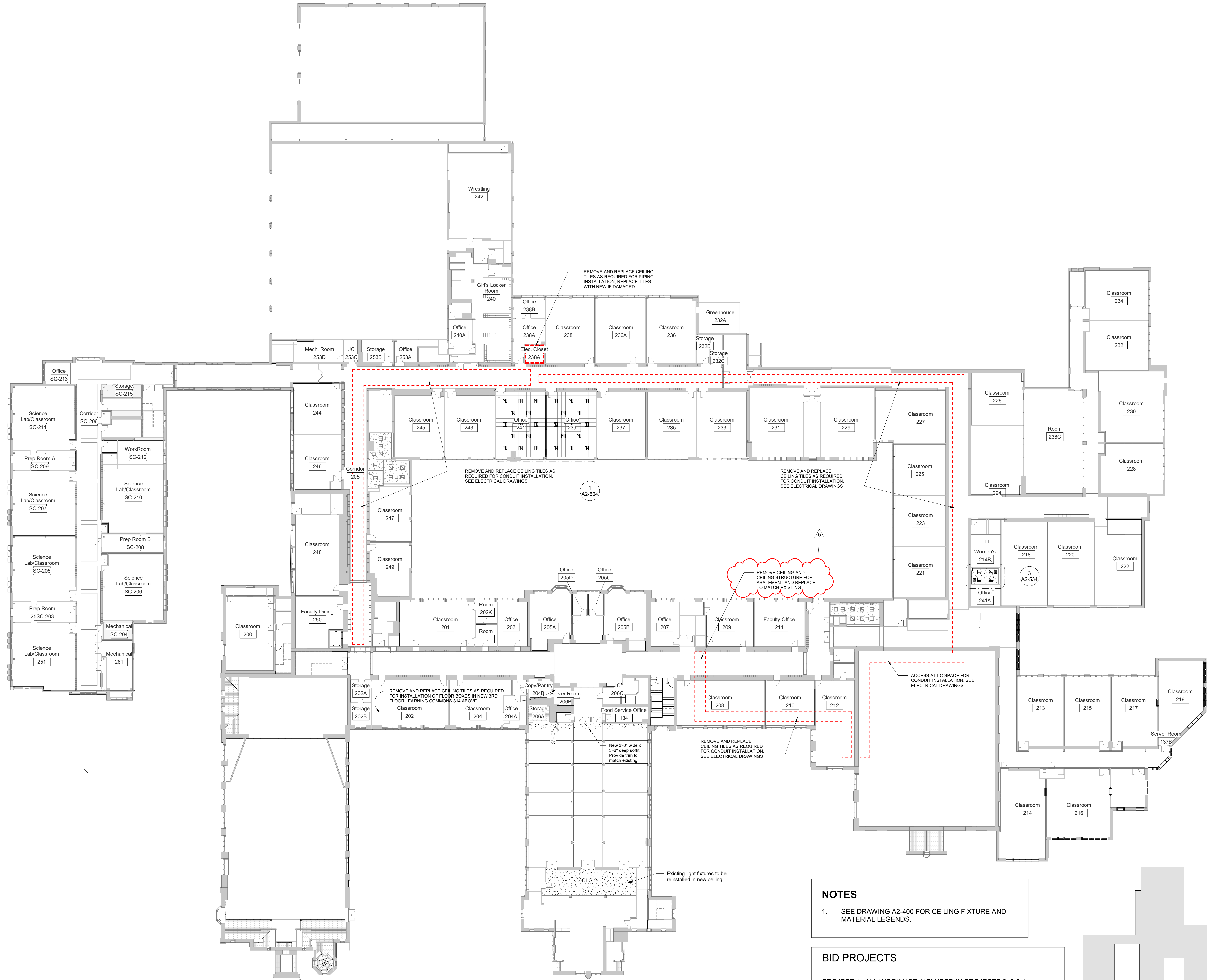
1 Parsons Street, Rye, New York 10580

ELEVATOR DEMOLITION AND FLOOR PLANS

PROJECT 3

SEAL & SIGNATURE DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-350





Second Floor Reflected Ceiling Plan Phase

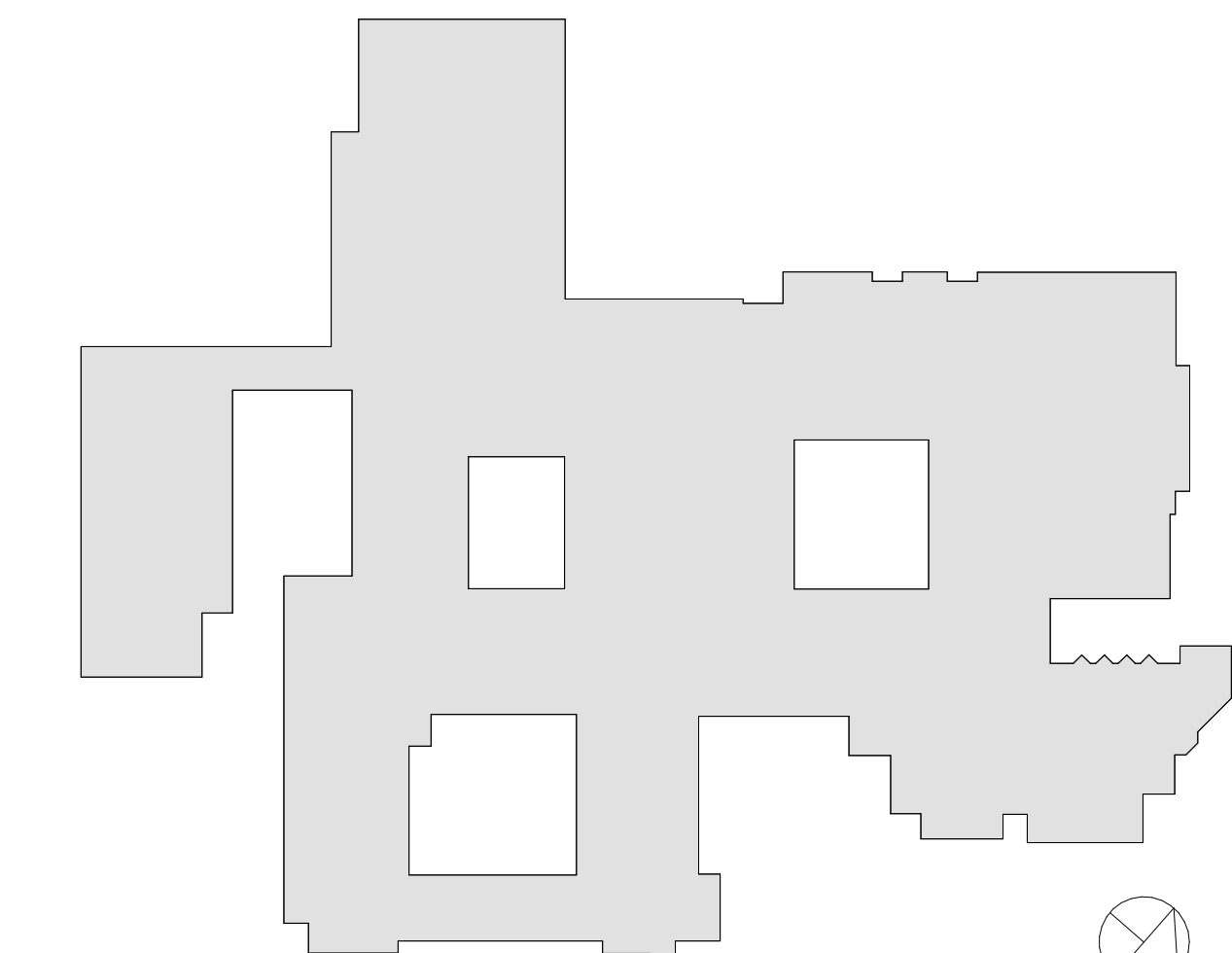
1 2  
SCALE: 1" = 20'-0"

NOTES

1. SEE DRAWING A2-400 FOR CEILING FIXTURE AND MATERIAL LEGENDS.

BID PROJECTS

- PROJECT 1: ALL WORK NOT INCLUDED IN PROJECTS 2, 3 & 4 LISTED BELOW
- PROJECT 2: MIDDLE SCHOOL LAB & UPGRADE TO 2ND FLOOR MECHANICAL ROOM INCLUDING 1ST FLOOR GUIDANCE CEILING WORK
- PROJECT 3: NEW ELEVATOR & 3RD FLOOR LEARNING COMMONS
- PROJECT 4: MIDDLE SCHOOL MASONRY RESTORATION AND ROOF REPLACEMENT
- ALTERNATE 4A: MIDDLE SCHOOL MASONRY RESTORATION - TOWER VENEER REPLACEMENT & NEW WINDOWS



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

Revision Schedule		
No.	Description	Date
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SED #: 6618-0001-0005-032

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle  
School

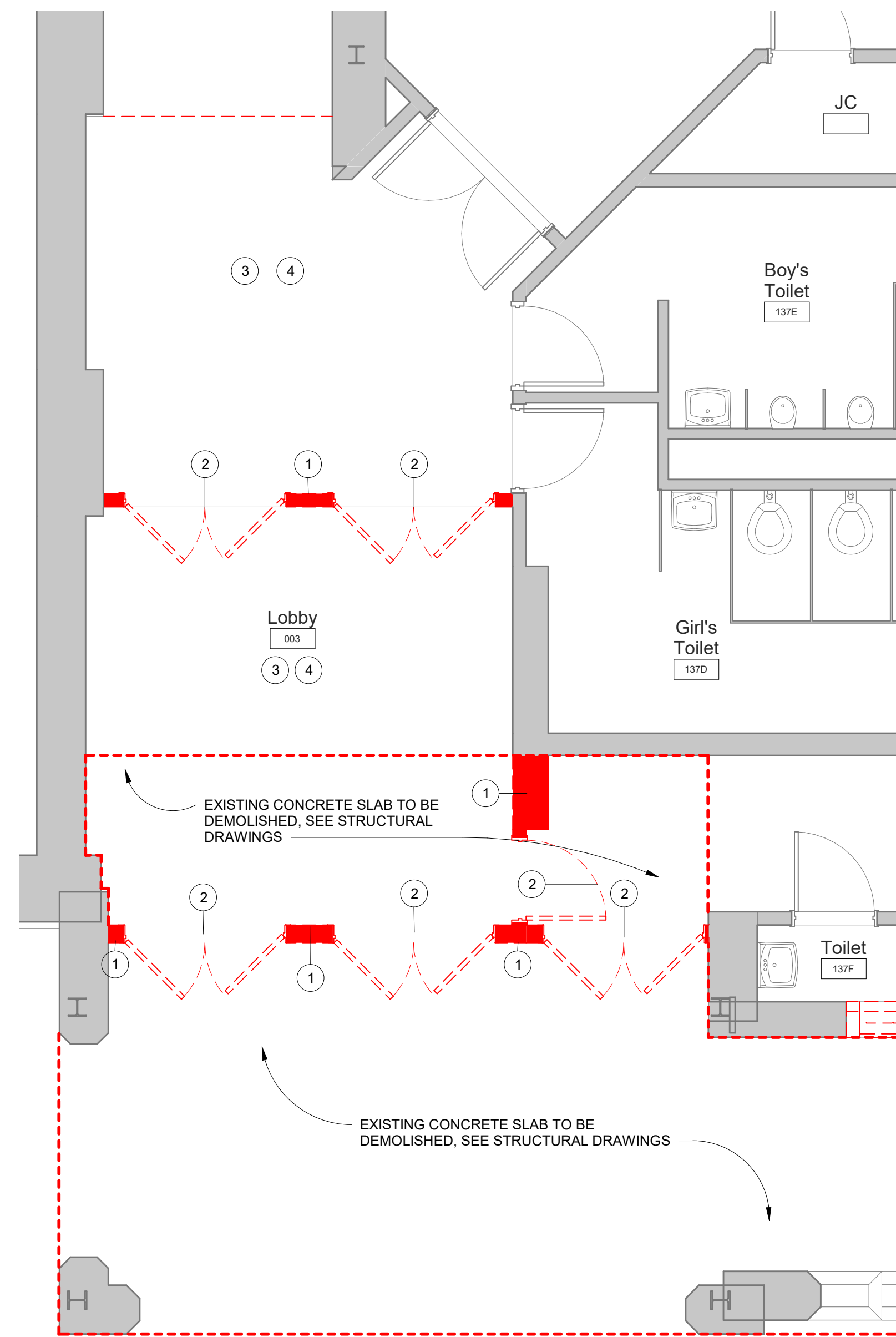
1 Parsons Street, Rye, New York 10580

SECOND FLOOR REFLECTED  
CEILING PLAN

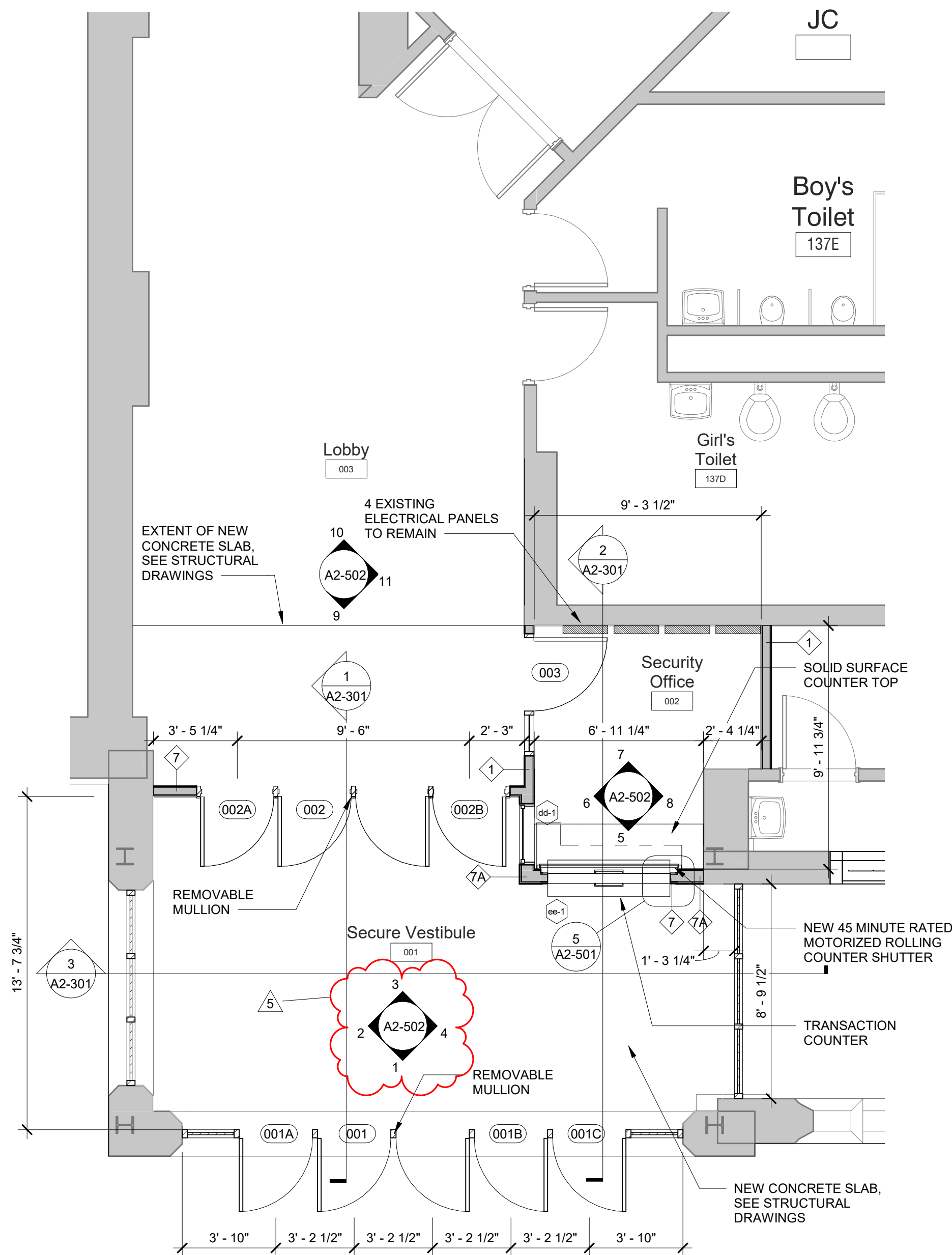
PROJECTS 1, 2, & 3

SEAL & SIGNATURE DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-402

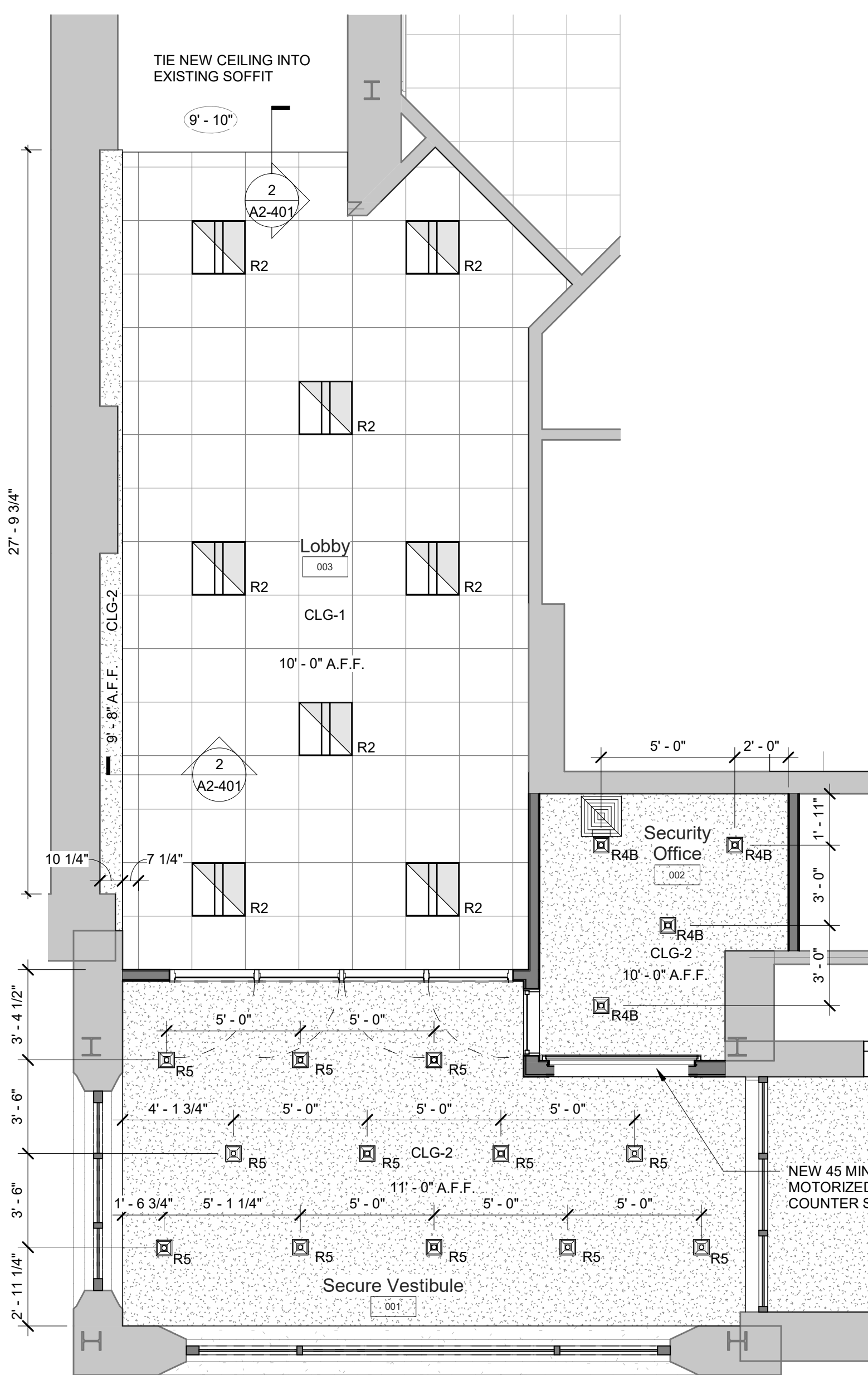




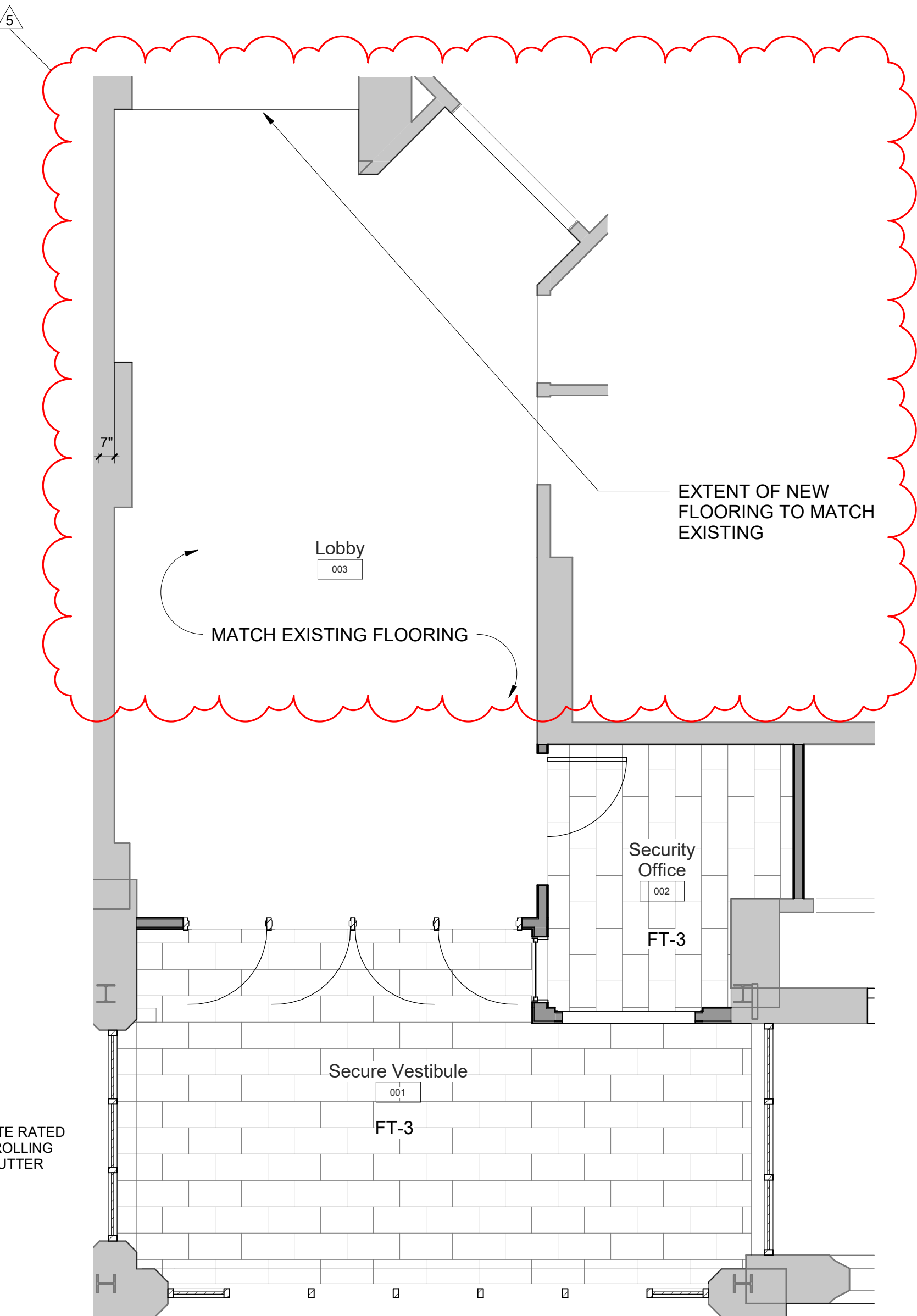
1 Middle School Entrance Demolition Plan  
SCALE: 1/4" = 1'-0"



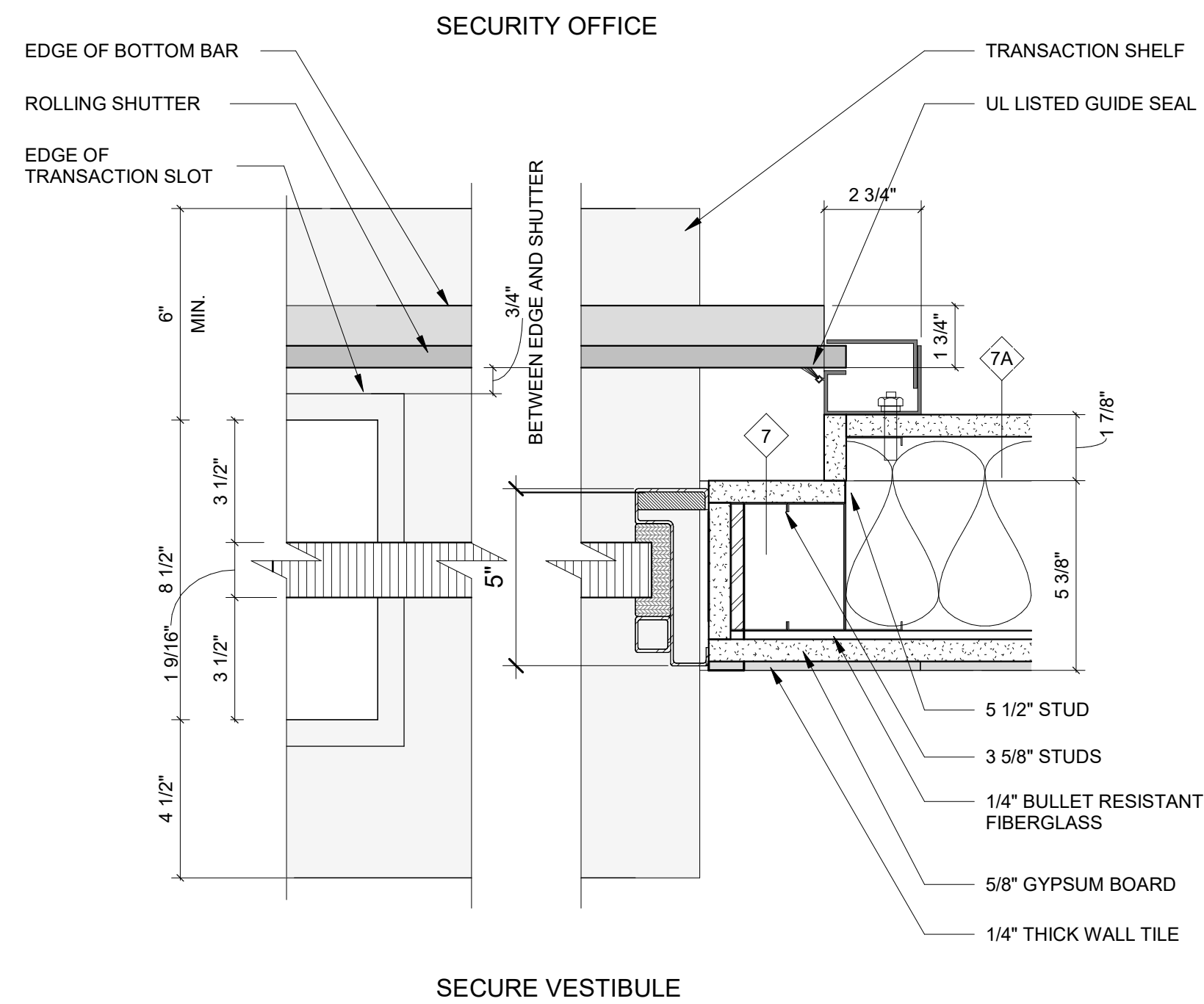
2 Middle School Entrance Floor Plan  
SCALE: 1/4" = 1'-0"



3 Secure Entry and Middle School Office Reflected Ceiling Plan Phase 2  
SCALE: 1/4" = 1'-0"



4 Enlarged Middle School Entrance and Offices Finishes Plan-Phase 2  
SCALE: 1/4" = 1'-0"

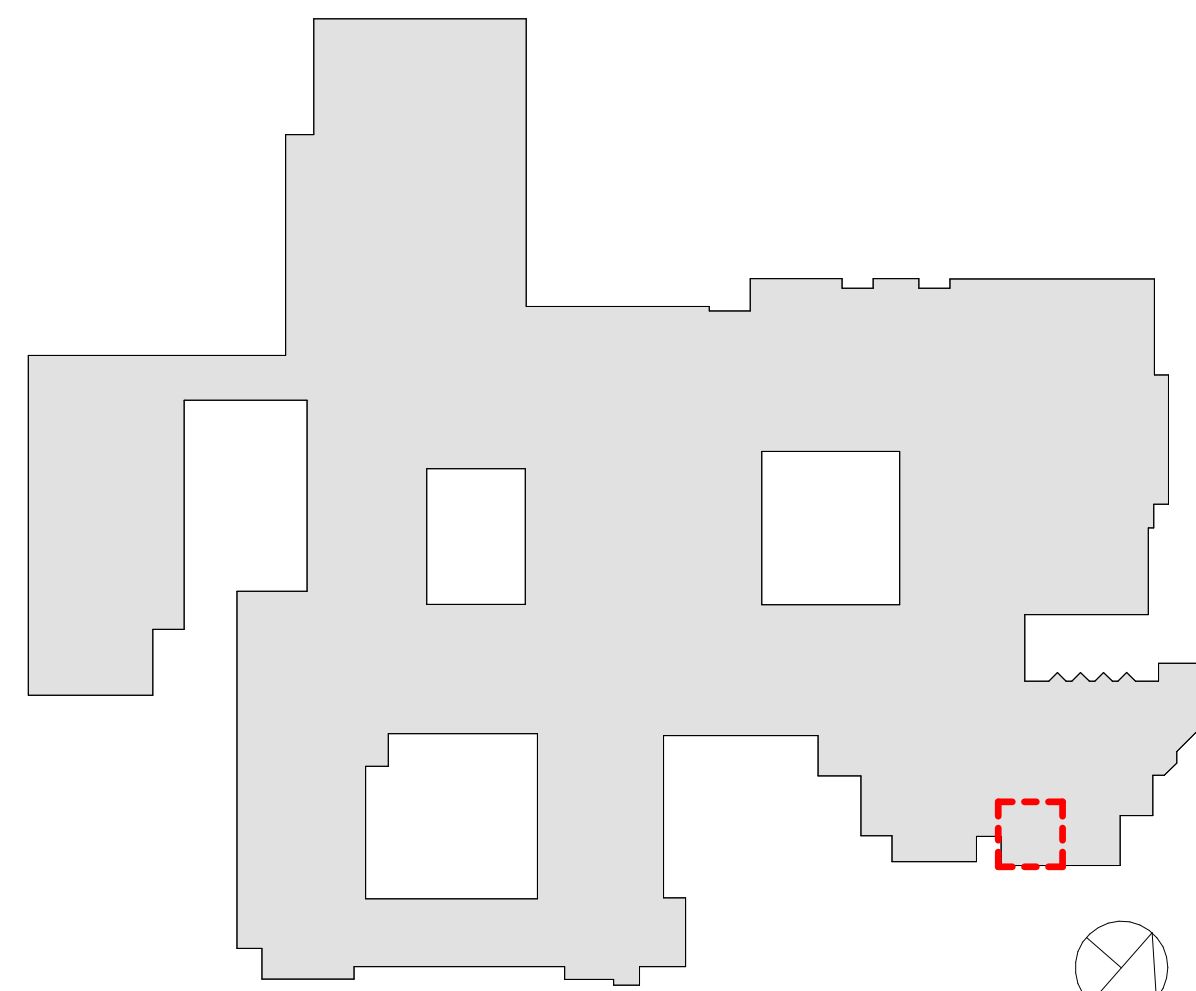


5 Middle School Transaction Window Detail  
SCALE: 3" = 1'-0"

Demolition Keynote Legend Phase 2	
Key Value	Keynote Text
1	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY.
1A	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A DOOR OPENING. SEE DOOR SCHEDULE.
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#### NOTES

- SEE DRAWING A2-400 FOR CEILING FIXTURE AND MATERIAL LEGENDS.
- SEE DRAWING A2-700 FOR FLOORING MATERIAL LEGEND.



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
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SED #: 6618-0001-0005-032

PROJECT

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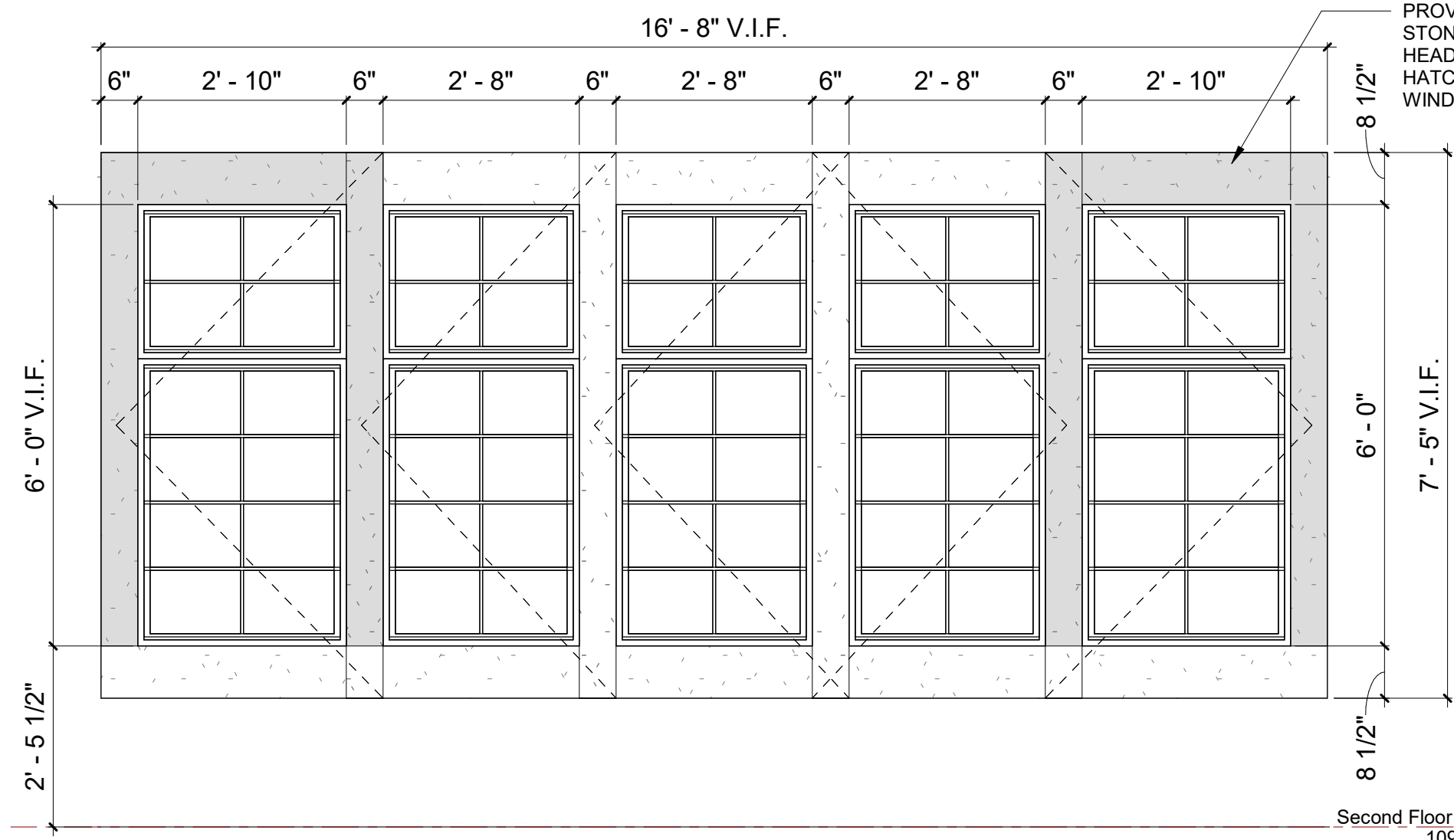
1 Parsons Street, Rye, New York 10580

MIDDLE SCHOOL ENTRANCE  
DEMOLITION PLAN, FLOOR  
PLAN, REFLECTED CEILING  
PLAN & FLOOR FINISH PLAN

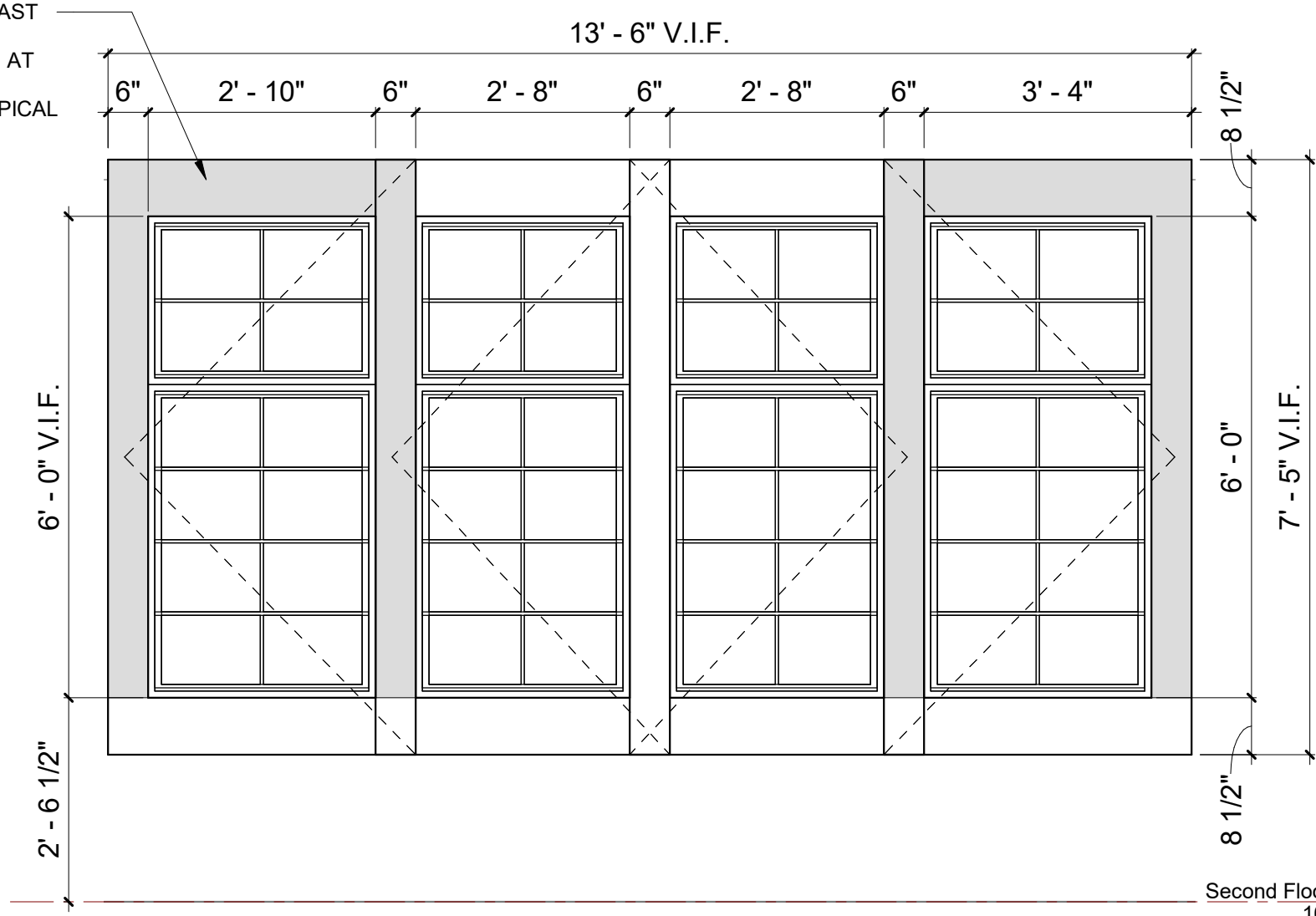
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SEAL & SIGNATURE DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-501

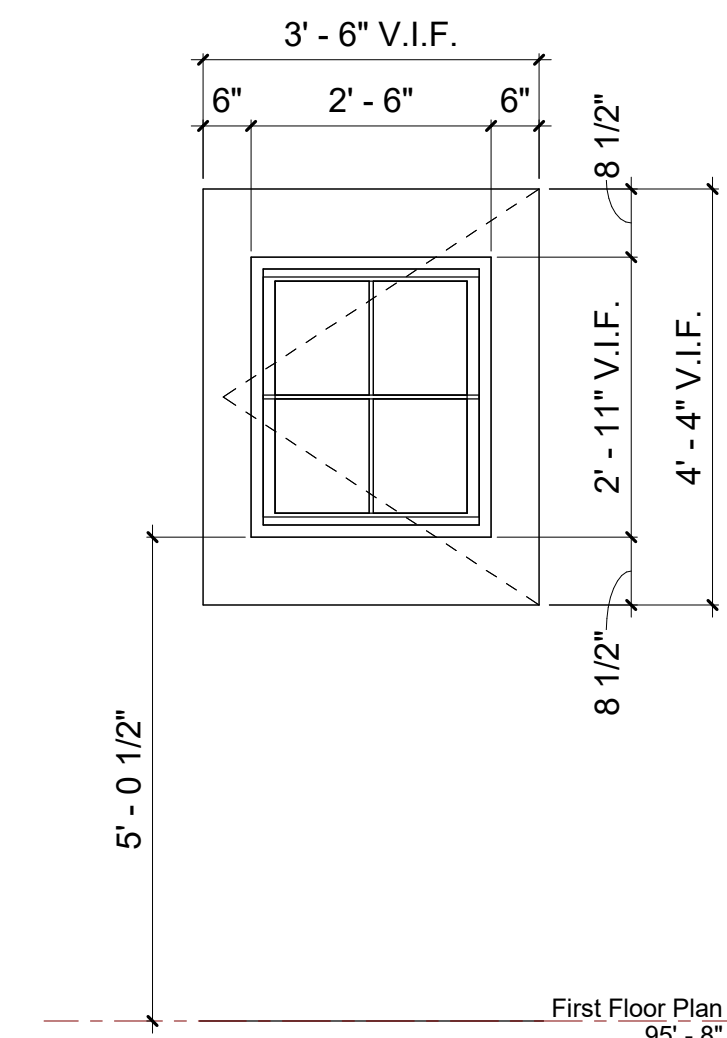




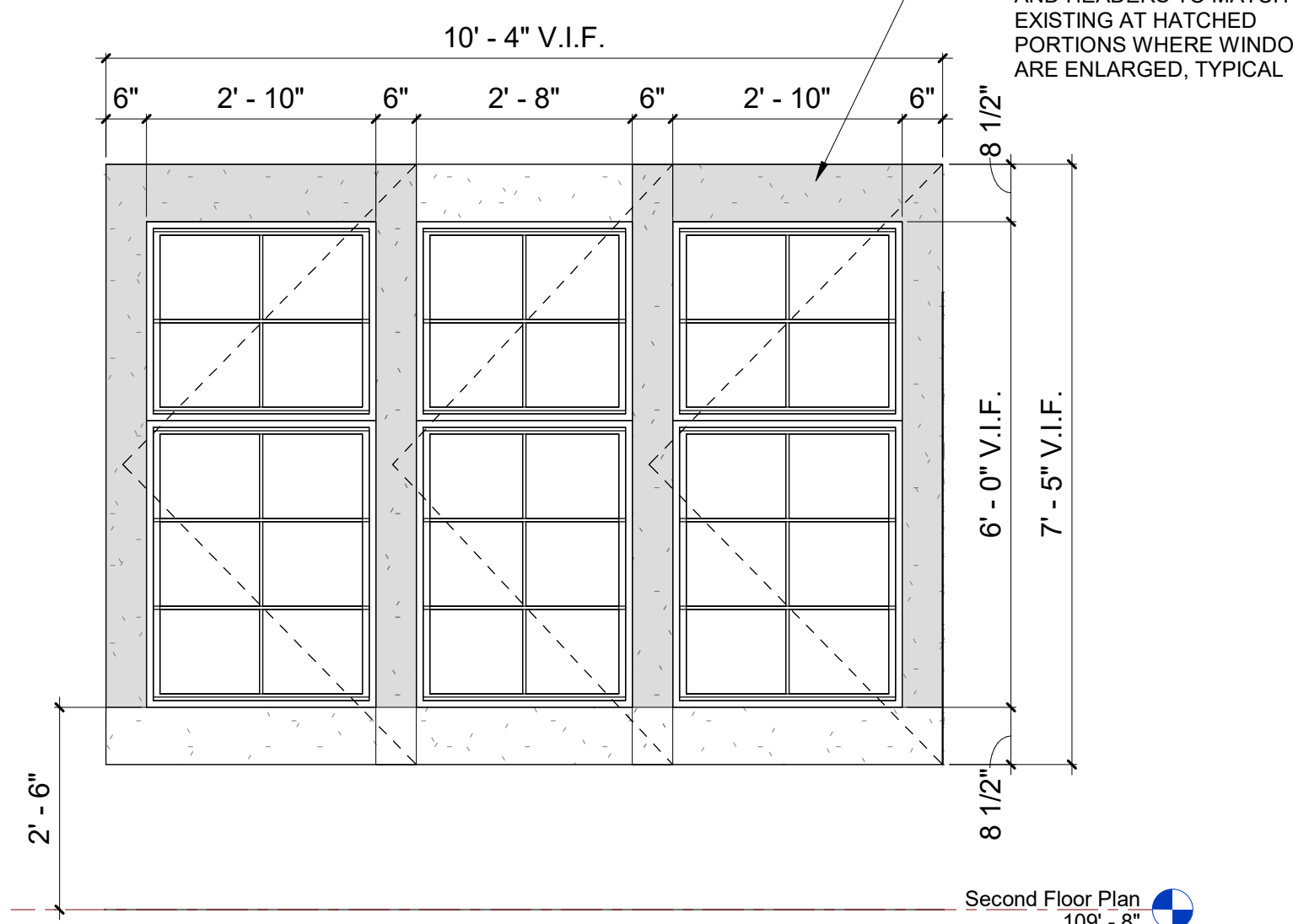
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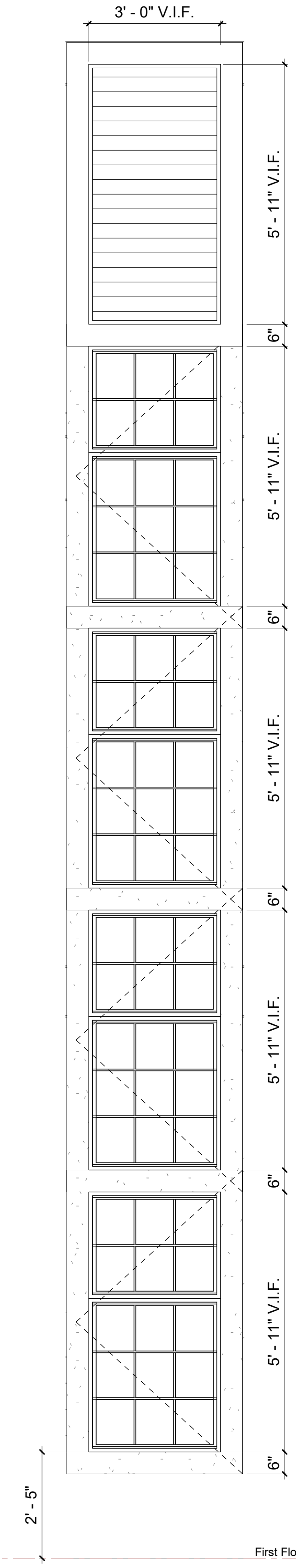
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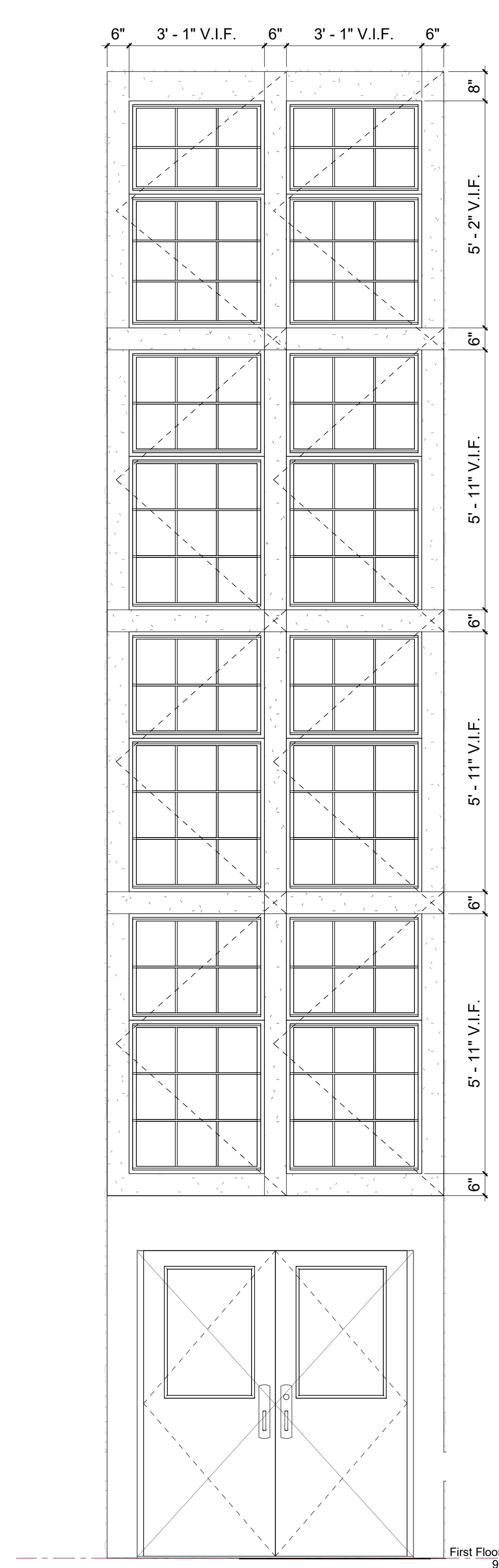
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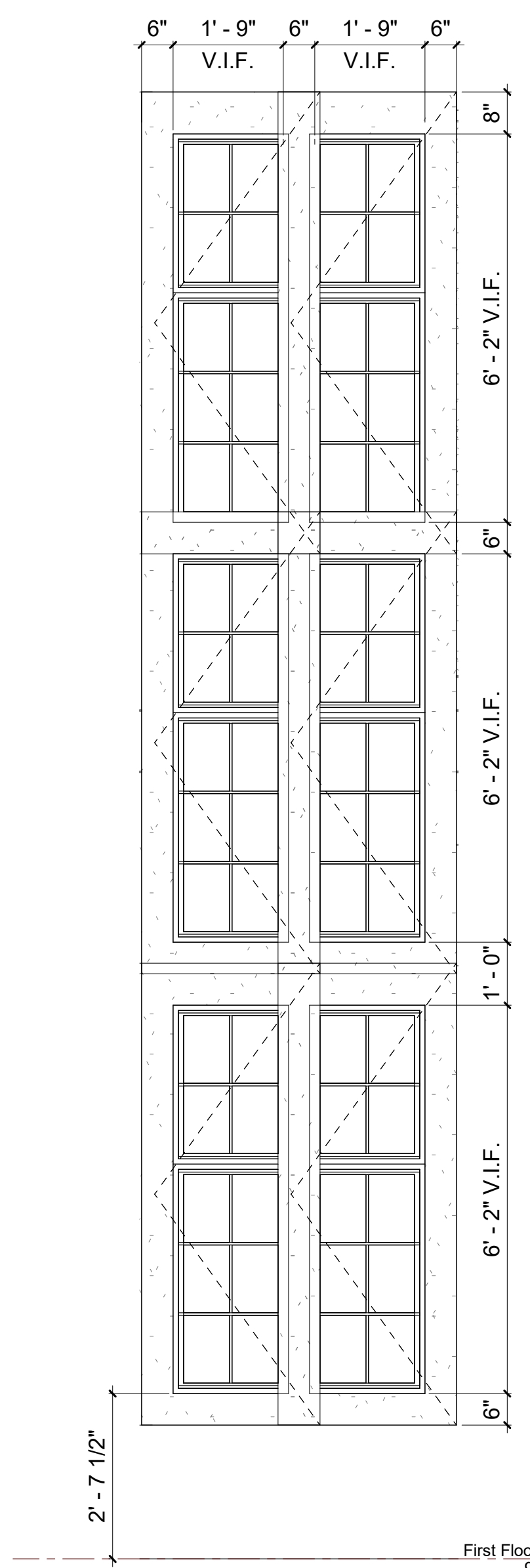
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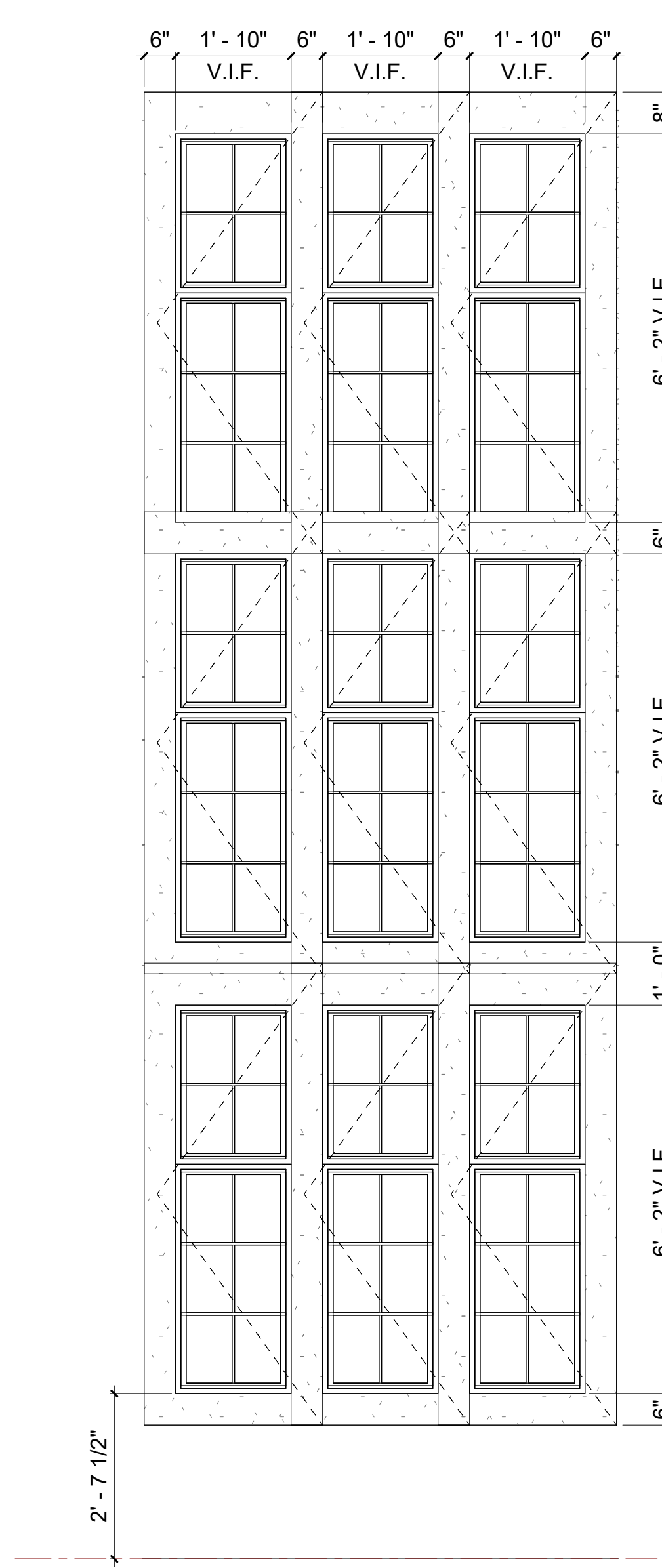
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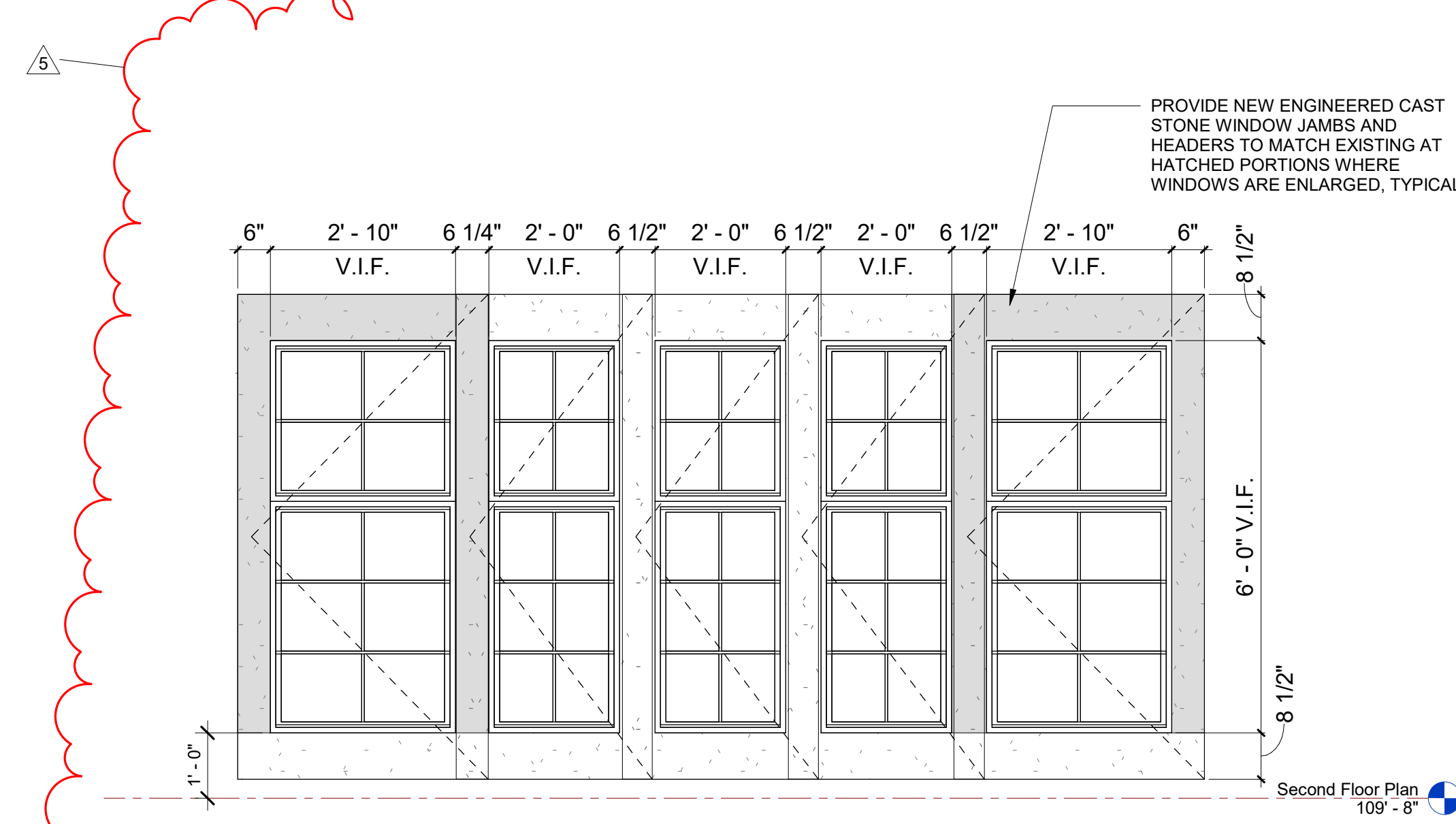
6 WINDOW TYPE G  
SCALE: 1/2" = 1'-0"



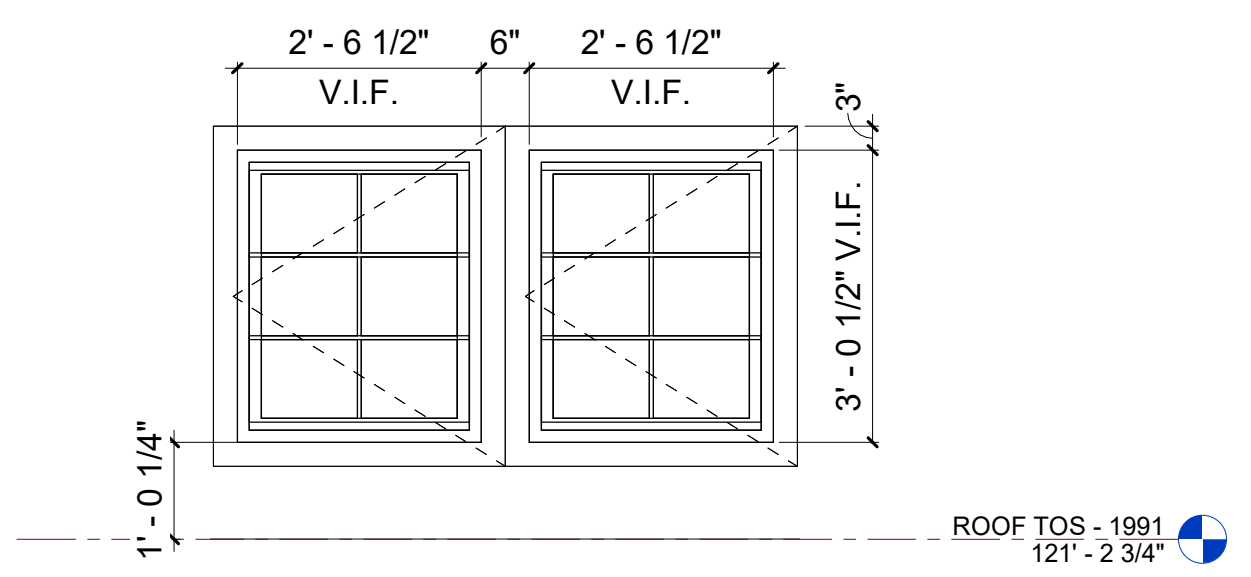
7 WINDOW TYPE H  
SCALE: 1/2" = 1'-0"



8 WINDOW TYPE J  
SCALE: 1/2" = 1'-0"



9 WINDOW TYPE K  
SCALE: 1/2" = 1'-0"



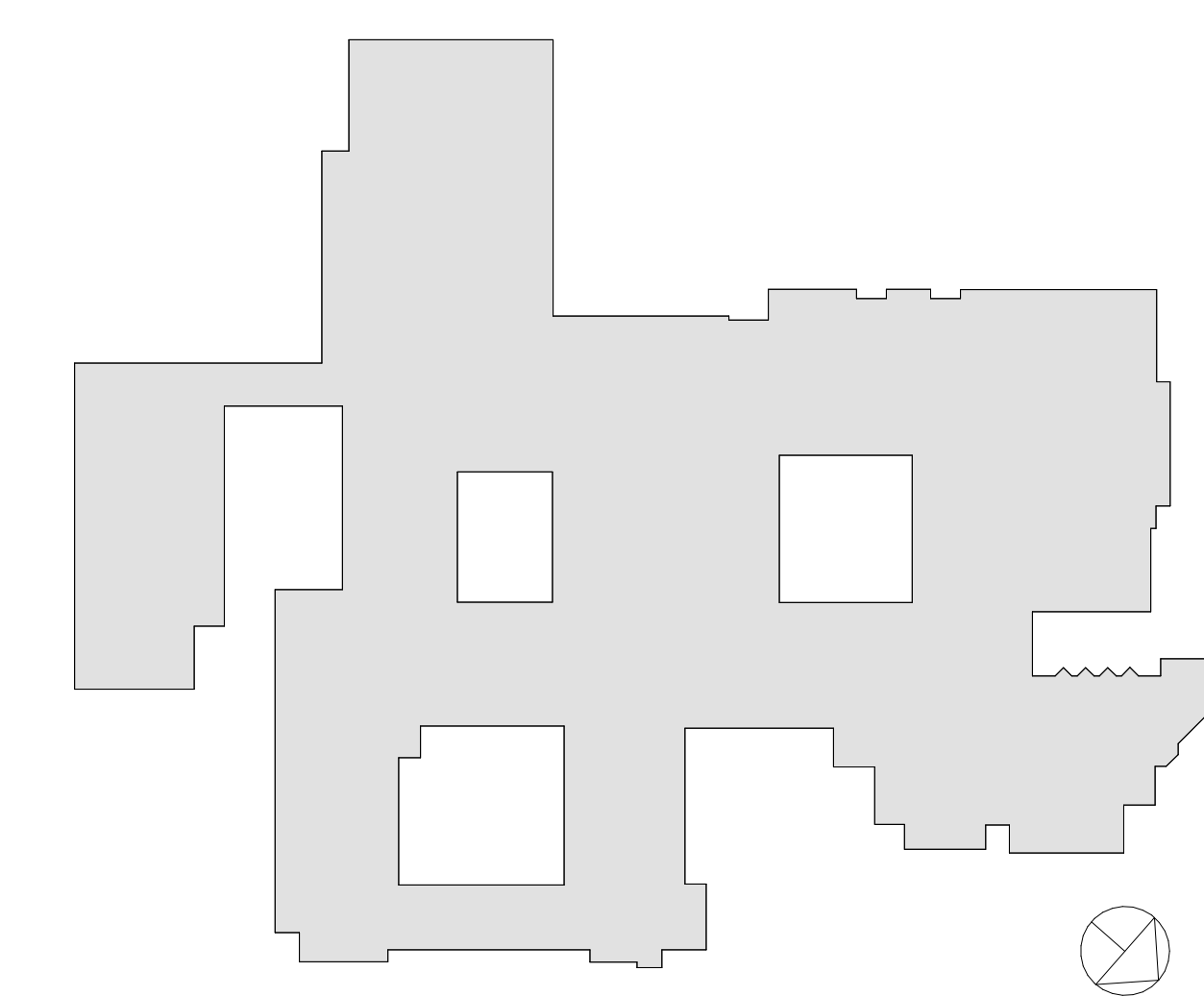
10 WINDOW TYPE L  
SCALE: 1/2" = 1'-0"

### NOTES

1. VERIFY ALL WINDOW DIMENSIONS IN FIELD

### STONE LEGEND

- EXISTING GRANITE VENEER, PRECAST CONCRETE/LIMESTONE TO REMAIN IN PLACE
- PROVIDE NEW ENGINEERED CAST STONE WINDOW JAMBS AND HEADERS TO MATCH EXISTING



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN  
1" = 100'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

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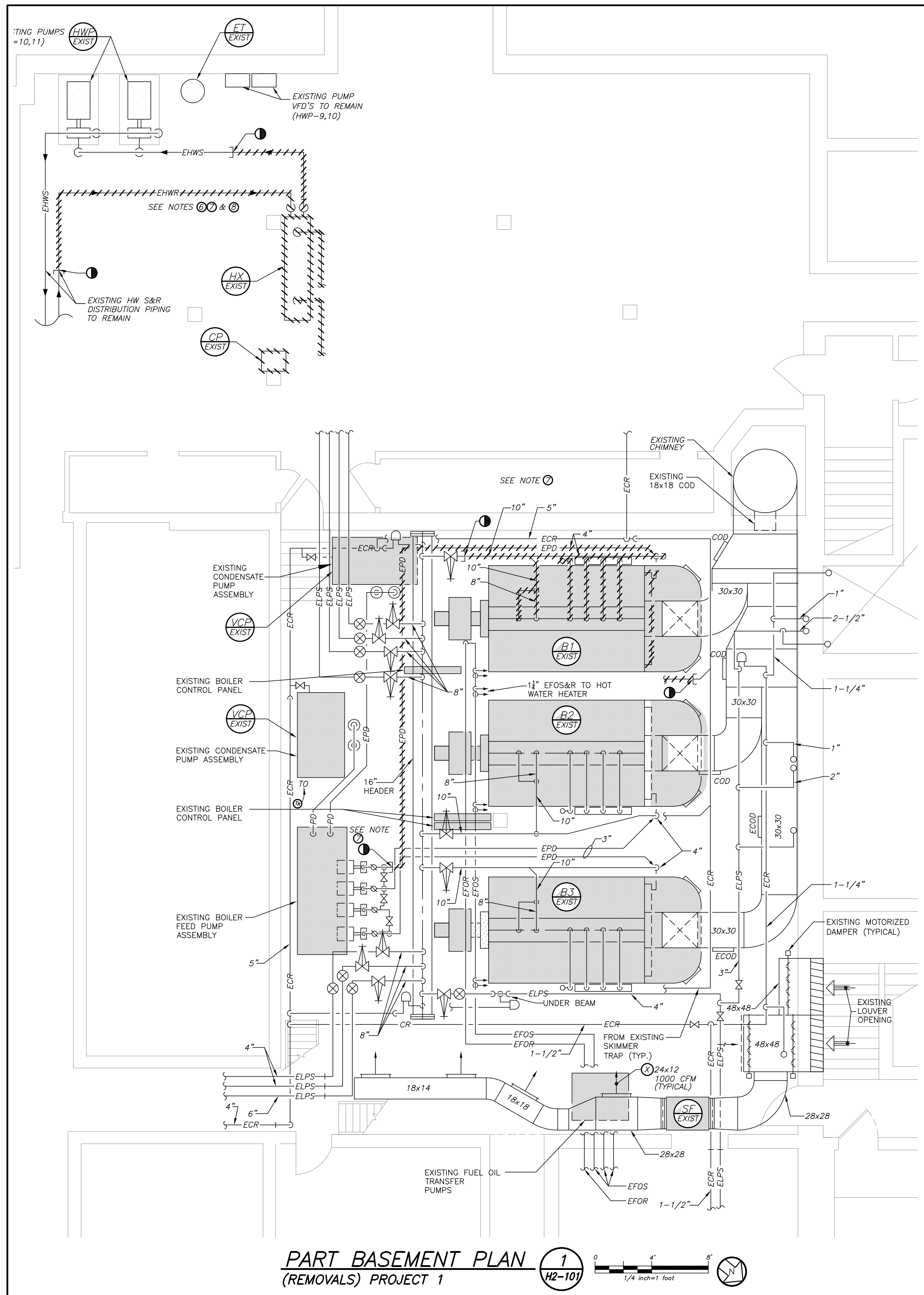
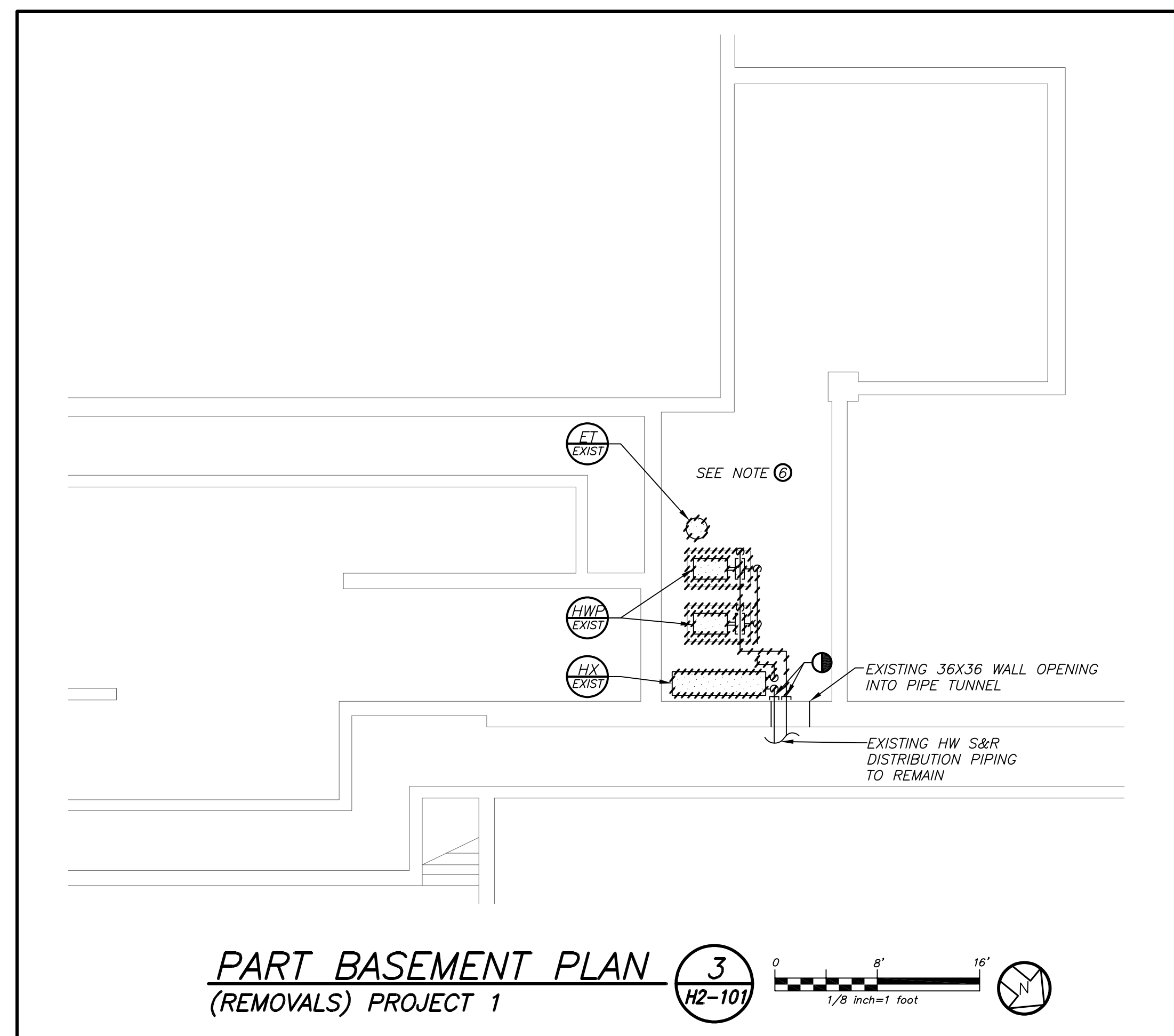
**Construction Manager**  
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914-769-3200  
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**Civil Engineer**  
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Albany, NY 12205  
518-463-4400  
**Roof Consultant**  
WATSKY ASSOCIATES INC.  
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Valhalla, NY 10595  
914-948-3450  
**Acoustic Consultant**  
DP DESIGN  
12 Cold Spring Street  
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401-861-3218  
**AV Consultant**  
CAVANAUGH TOCCI  
327 F Boston Post Road  
Sudbury, MA 01776-3027  
978-443-7871

SED #: 6618-0001-0005-032

**PROJECT**  
**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580  
**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

**WINDOW TYPES**  
**PROJECT 4**  
SEAL & SIGNATURE DATE: 01/19/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A2-603





LEGEND	
	POINT OF CHANGE IN DUCT SIZE
	NEW DUCTWORK
	NATURAL ACOUSTIC LINING-DUCT SIZES ON PLANS ARE CLEAR INSIDE DIMENSIONS
	POINT OF CHANGE IN DUCT SIZE
	SQUARE DUCT TURN WITH TURNING VANES
	THIS - SEE SCHEDULE NEW 4-WAY CEILING DIFFUSER CM
	THIS - SEE SCHEDULE NEW 2-WAY CEILING DIFFUSER CM
	THIS - SEE SCHEDULE CEILING EXHAUST/RETURN REGISTER CM
	THIS - SEE SCHEDULE REGISTER/DIFFUSER IDENTIFICATION
	DUCT DROP; DUCT RISE
	DUCT MTD. MANUAL AIR VOLUME DAMPER (W/LOCKING DEVICE)
	MOTORIZED AIR VOLUME DAMPER (W/ACCESS DOOR)
	FIRE DAMPER (U.L. APPROVED) & ACCESS DOOR
	HWS HOT WATER HEATING SUPPLY PIPING
	HWR / HWRR HOT WATER RETURN / HOT WATER REVERSE RETURN PIPING
	LPS LOW-PRESSURE STEAM PIPING
	LPR CONDENSATE RETURN PIPING
	PD PUMPED DISCHARGE
	FOS/FOR FUEL OIL SUPPLY/RETURN PIPING
	L LIQUID REFRIGERANT PIPING
	S SUCTION REFRIGERANT PIPING
	CD CONDENSATE DRAIN PIPING
	FLOW DIRECTION WITHIN PIPE CONNECTING TO EQUIPMENT AREA
	GATE VALVE (HORIZONTAL/VERTICAL)
	COMBINATION BALANCING & SHUT-OFF VALVE (CIRCUIT SETTER)
	2 - WAY CONTROL VALVE
	3 - WAY CONTROL VALVE
	CHECK VALVES
	PIPE CONNS. (BOTTOM; TOP 45 OR 90; PIPE UP)
	EXPANSION JOINT, ANCHOR AND GUIDES
	EXHAUST FAN IDENTIFICATION
	ENERGY RECOVERY UNIT IDENTIFICATION
	CABINET HEATER IDENTIFICATION
	UNIT HEATER IDENTIFICATION
	VACUUM CONDENSATE PUMP IDENTIFICATION
	CONDENSATE PUMP IDENTIFICATION
	HOT WATER CIRCULATING PUMP IDENTIFICATION
	FAN COIL UNIT IDENTIFICATION
	AIR HANDLING UNIT IDENTIFICATION
	ROOFTOP UNIT IDENTIFICATION
	BOILER IDENTIFICATION
	HEAT PUMP UNIT IDENTIFICATION
	CONDENSING UNIT IDENTIFICATION
	SUPPLY FAN IDENTIFICATION
	CONVECTOR IDENTIFICATION
	HEAT EXCHANGER IDENTIFICATION
	EXPANSION TANK IDENTIFICATION
	WINDOW AC UNIT IDENTIFICATION
	UNIT VENTILATOR IDENTIFICATION
	UNIT VENTILATOR INTAKE LOUVER IDENTIFICATION
	EXISTING RADIATOR IDENTIFICATION
	NEW FIN TUBE RADIATION IDENTIFICATION
	TO CONTROLLED ROOM WALL MTD.(S - 2"±A.F.F.-U.O.N.) TEMPERATURE SENSOR
	WALL MTD.(S - 2"±A.F.F.-U.O.N.) REVERSE ACTING THERMOSTAT
	DOOR UNDERCUT
	CD CEILING DIFFUSER
	CR CEILING REGISTER
	TR TOP WALL REGISTER
	CFM CUBIC FEET PER MINUTE
	CV MOTORIZED CONTROL VALVE
	AFF ABOVE FINISHED FLOOR
	OA/FAI OUTSIDE (FRESH) AIR INTAKE
	HVAC HEATING, VENTILATING, AIR CONDITIONING CONTRACTOR
	FC FLEXIBLE CONNECTION
	FSC FULL SIZE CONNECTION
	AD ACCESS DOOR
	FD FIRE DAMPER
	SECTION/DETAIL/ELEVATION/PART PLAN NUMBER
	DRAWING NUMBER
	SECTION/ELEVATION IDENTIFICATION

Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
2	SED Submission Addendum #1	01/08/2021
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021
5	BID ADDENDUM #2	02/05/2021

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## Architects

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**Acoustic Consultant**  
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12 Cold Spring Street  
Providence, RI  
401-861-3218

**SED #: 6618-0001-0005-031**

PROJECT

**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580

**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL  
PART BASEMENT PLANS,  
LEGEND AND NOTES

**PROJECT 1**

**SEAL & SIGNATURE**

**DATE:** 11/07/19

**PROJECT No:** 9200

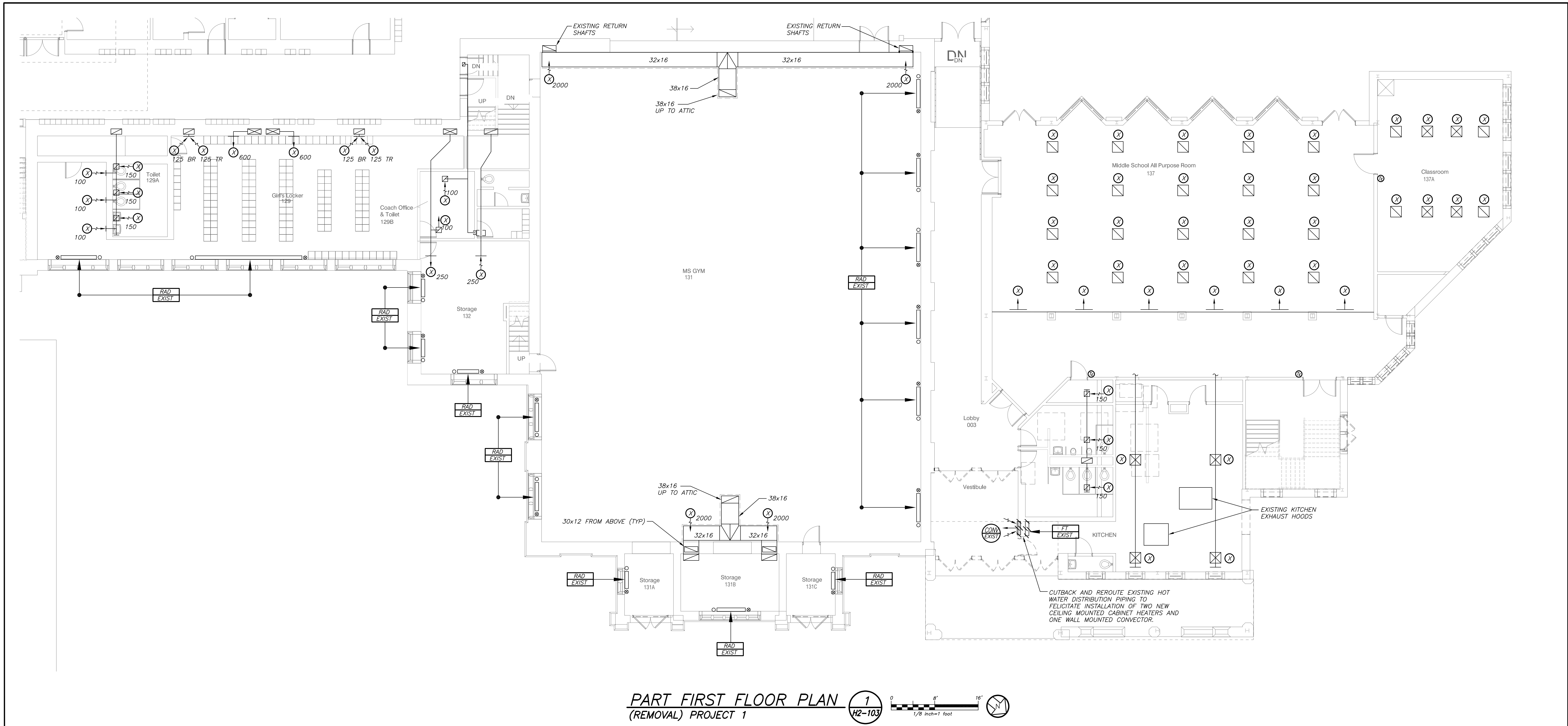
**DRAWING BY:** BGA

**CHK BY:** BGA

**DWG No:** H2-101

BEFORE FABRICATION THIS CONTRACTOR SHALL  
VERIFY ALL MEASUREMENTS AND CONDITIONS ON  
JOB AND COORDINATE HIS WORK WITH THE WORK  
OF ALL OTHER CONTRACTORS





PART FIRST FLOOR PLAN  
(REMOVAL) PROJECT 1

NOTES: (SEE DRAWING H2-101 FOR ADDITIONAL NOTES)

- 1 REMOVE EXISTING FIN TUBE RADIATION AND CABINET HEATERS. CUT BACK AND REROUTE STEAM AND CONDENSATE PIPING TO NEW HEATER LOCATIONS.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
2	SED Submission Addendum#1	01/08/2021
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021
5	BID ADDENDUM #2	02/05/2021

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SED #: 6618-0001-0005-031

PROJECT

**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580

**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL  
PART FIRST FLOOR PLAN  
PROJECT 1

SEAL & SIGNATURE	DATE: 11/07/19 PROJECT No: 9200 DRAWING BY: BGA CHK BY: BGA DWG No: H2-103
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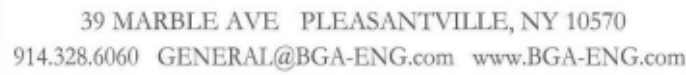


1  
H2-104

A graphic scale bar is shown with markings at 0, 8', and 16'. Below the bar, it is labeled  $1/8 \text{ inch} = 1 \text{ foot}$ . To the right of the scale bar is a circular north arrow pointing towards the upper right.

2 CUT AND MODIFY EXISTING WOOD CASEWORK SECTIONS AND FIN TUBE RADIATION PIPING TO FACILITATE NEW VERTICAL UNIT VENTILATOR INSTALLATION. CASEWORK SHALL BE MODIFIED TO BE FLUSH WITH SIDE OF UNIT VENTILATOR. CUT BACK AND MODIFY EXISTING TWO TIER FIN TUBE RADIATION PIPING. REROUTE EXISTING HOT WATER DISTRIBUTION PIPING BELOW FLOOR OR ABOVE CEILINGS ACCORDINGLY TO TIE INTO EXISTING MAINS. PATCH AND SEAL ANY SLAB OR WALL OPENINGS TO MATCH EXISTING CONSTRUCTION. RELOCATE EXISTING WINDOW UNITS WHERE IN CONFLICT WITH NEW UNIT VENTILATOR INSTALLATION.

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H2-104

DBE: TAB: Layout1 - Y:\RYE CITY SD\Rye CSD - 2019 Bond - Phase 2 (1937.00)\Drawings\HVAC\o193700H-104-MHS.dwg - DATE: Feb 04, 2021 - 2:16pm



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401-861-3218

ED #: 6618-0001-0005-031

PROJECT

Rye City School District  
555 Theodore Fremd Ave, Rye, NY 10580

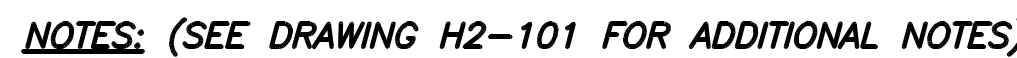
Rye High School & Middle  
School

1 Parsons Street, Rye, New York 10580

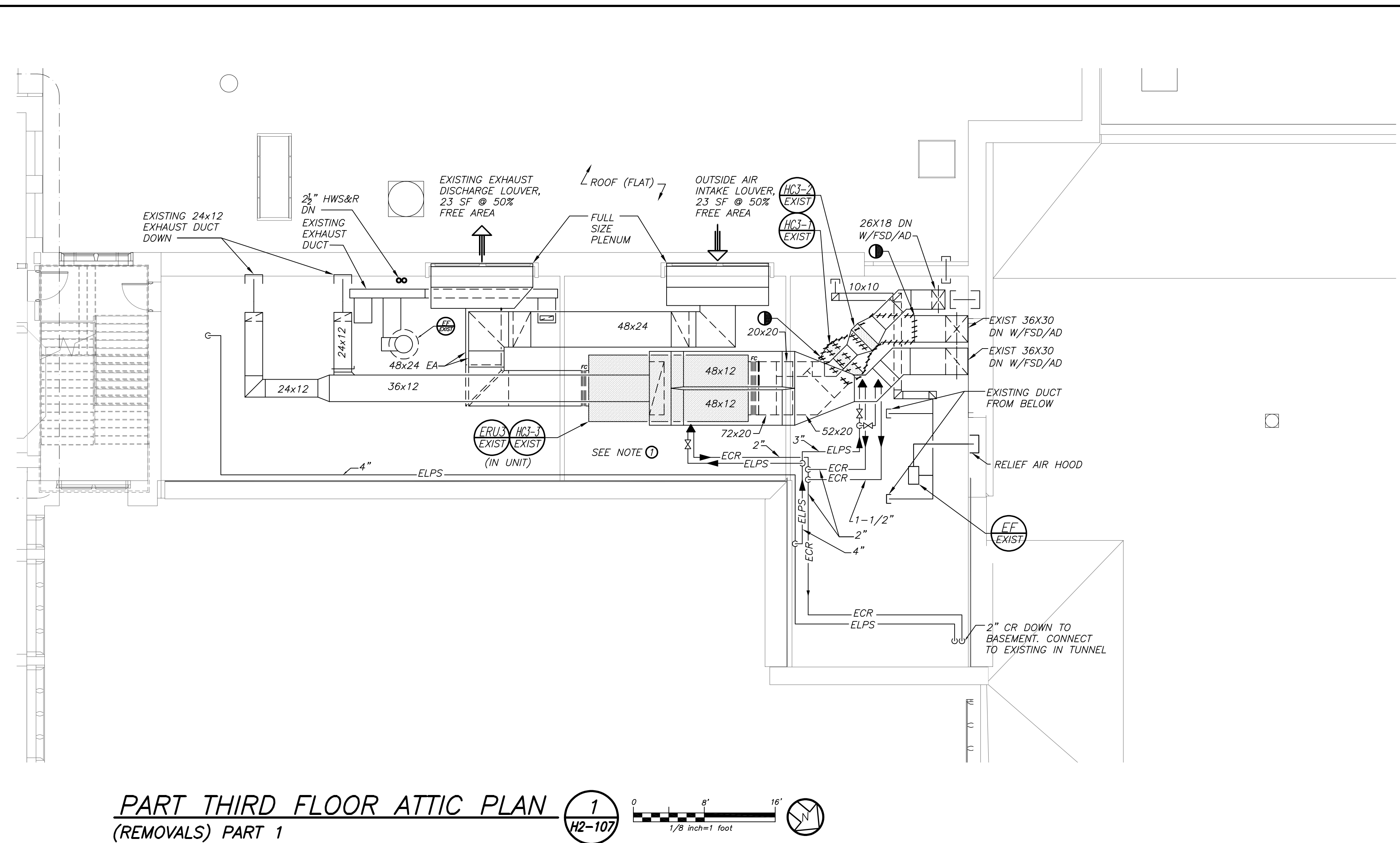
HIGH SCHOOL & MIDDLE  
SCHOOL  
PART SECOND FLOOR PLAN

PROJECT 1 &amp;4

SEAL & SIGNATURE	DATE:	11/07/20
	PROJECT No:	92
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	H2-107

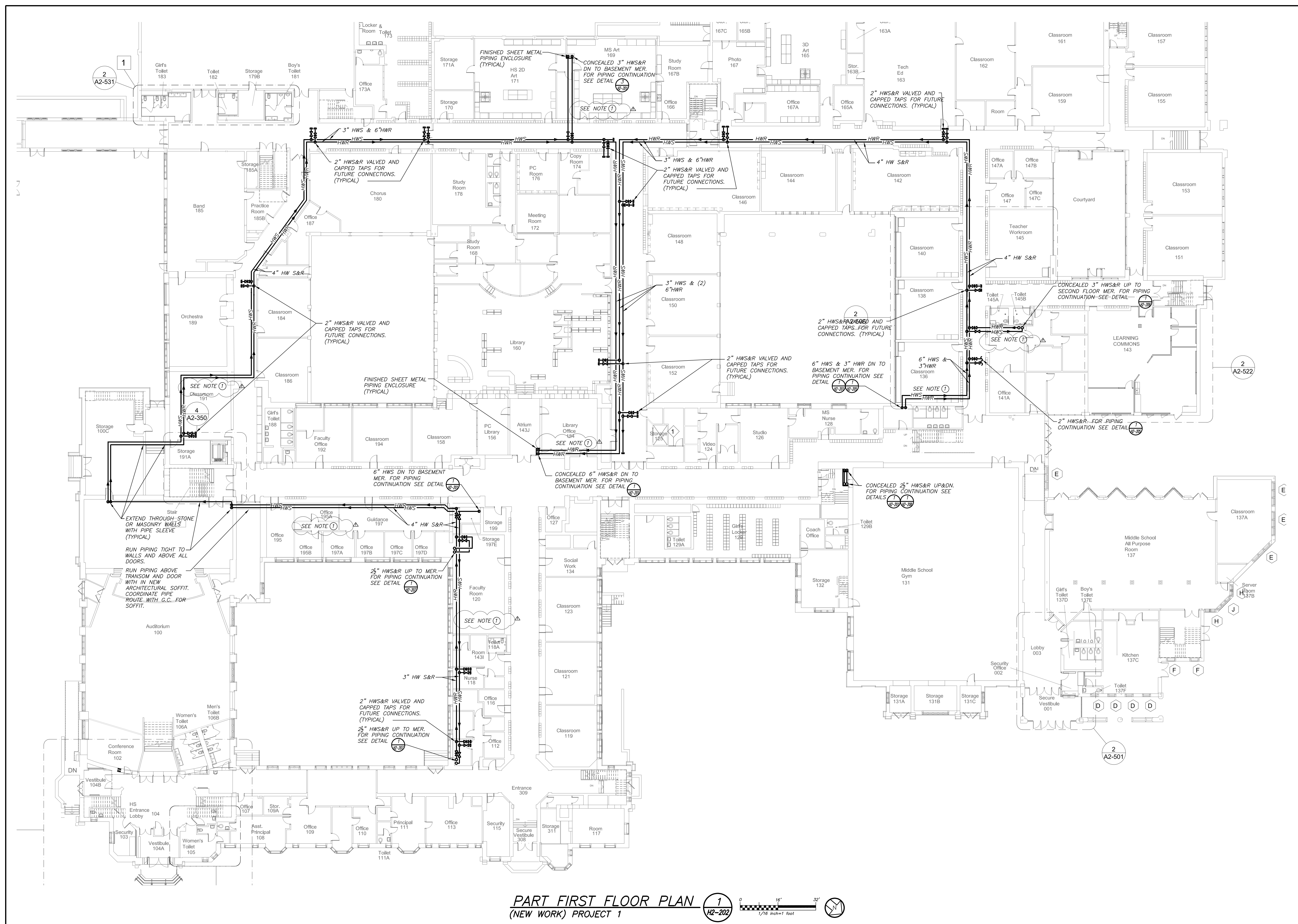


- ① CUT BACK AND CASKING STEAM AND CONDENSATE PIPING AWAY FROM DUCT MOUNTED HEATING COIL. REMOVE ASSOCIATED DUCTWORK SECTIONS, EXISTING STEAM HEATING COIL, SUPPORTS, ETC. TO FACILITATE NEW HEATING COIL AND DX COIL INSTALLATION. REPAIR/REPLACE AND BALANCE EXISTING ERU FANS SERVING THE STM AND LOCKER ROOMS. THOROUGHLY INSULATE ALL STEAM AND CONDENSATE PIPING. REMOVE ALL BUT BEING REPAIRED, REPLACED, FILTERS. REMOVE AND REPLACE ANY DAMAGED SUPPLY AND RETURN DUCTWORK INSULATION.
- ② REMOVE EXISTING UNIT VENTILATORS AND ASSOCIATED CONNECTING PIPING, DUCTWORK, LOUVERS, SUPPORTS AND WALL SLEEVES. CUT BACK AND CASK EXISTING HOT WATER PIPING TO FACILITATE INSTALLATION OF NEW UNIT VENTILATOR.

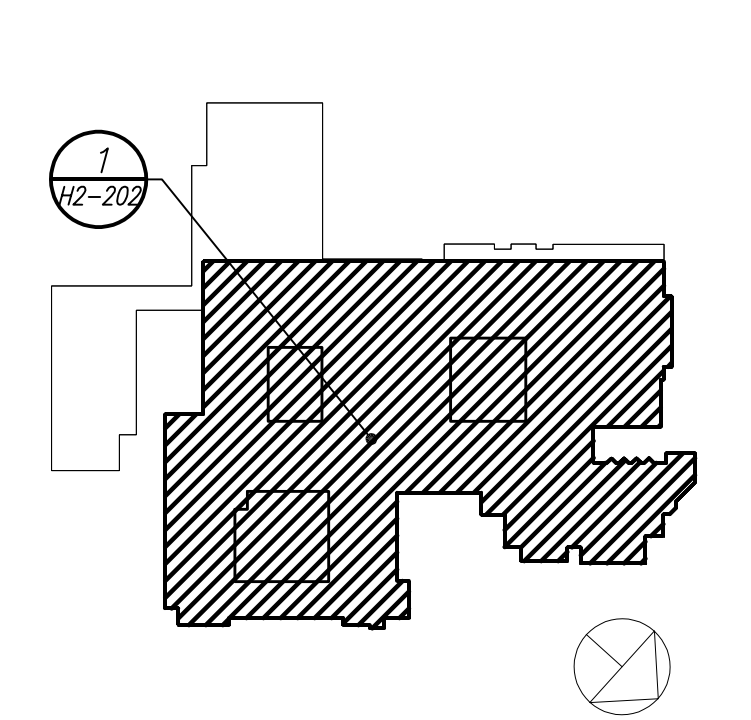


BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS





Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
3	ISSUED FOR BID	01/19/2021
3	BID ADDENDUM #1	01/29/2021
4	BID ADDENDUM #2	02/05/2021



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SED #: 6618-0001-0005-031

PROJECT  
Rye City School District  
555 Theodore Fremd Ave, Rye, NY 10580  
Rye High School & Middle School  
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL  
PART FIRST FLOOR PLAN  
PROJECT 1

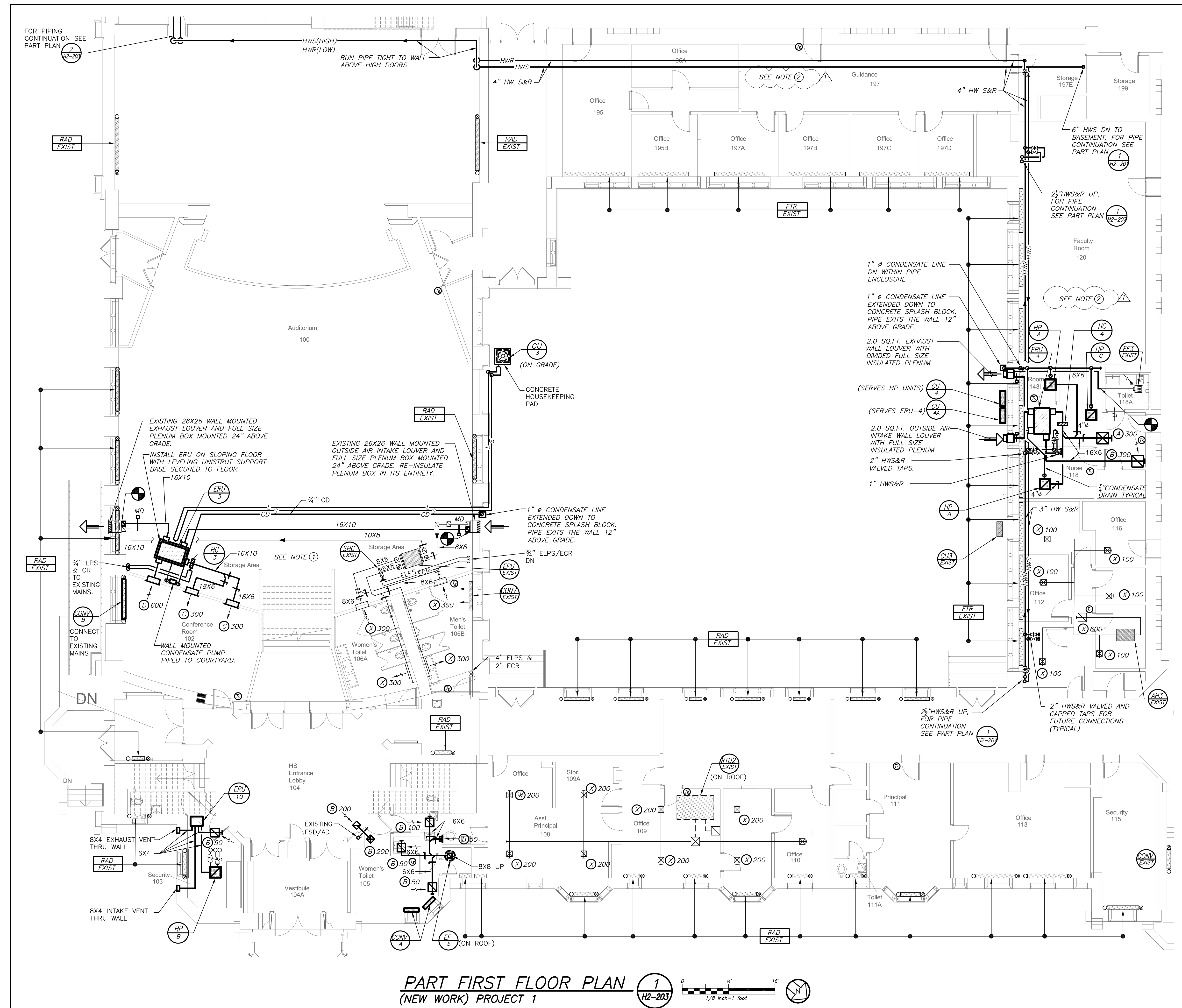
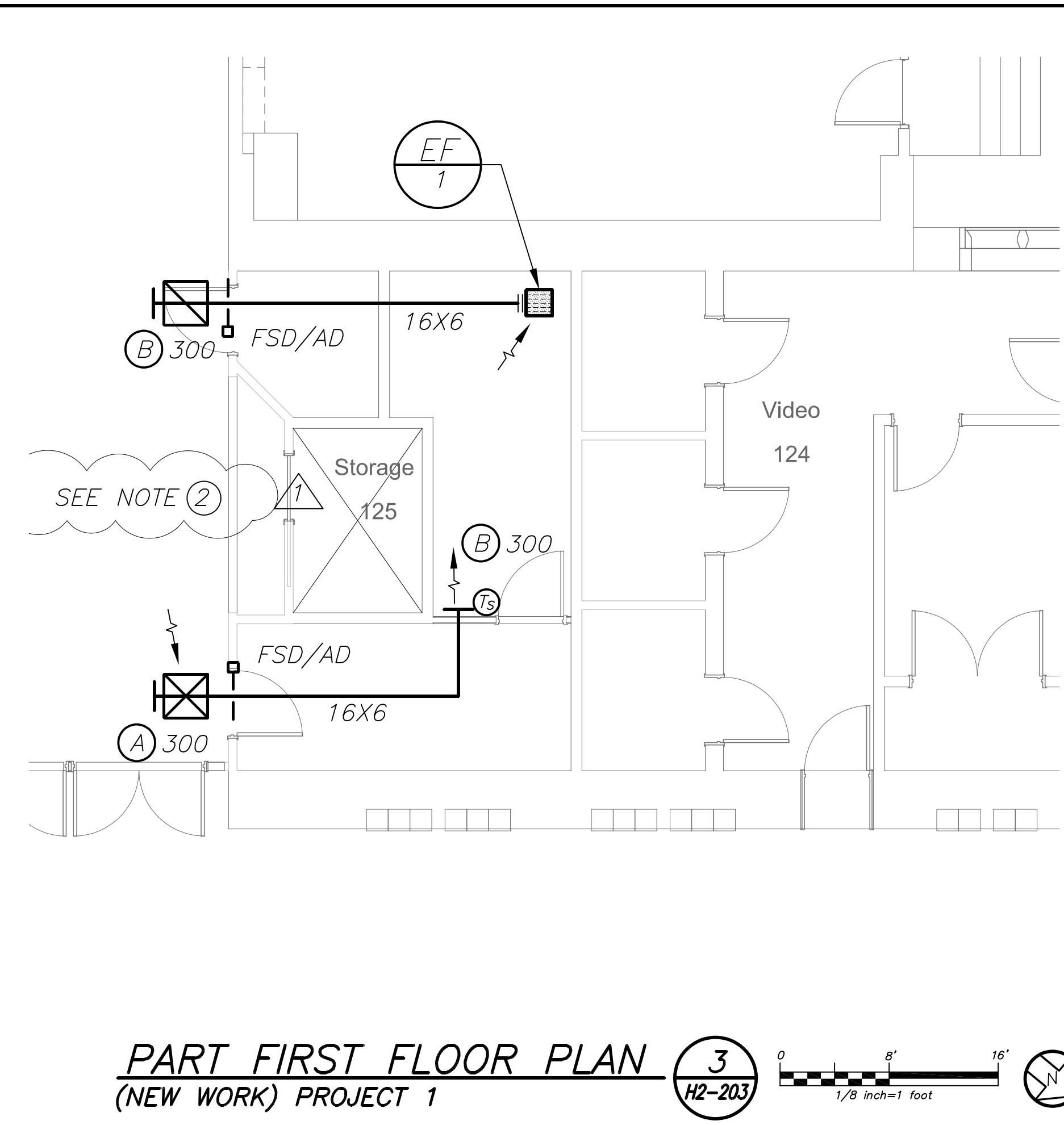
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PROJECT No: 9200  
DRAWING BY: BGA  
CHK BY: BGA  
DWG No: H2-202

NOTES: (SEE DRAWING H2-101 FOR ADDITIONAL NOTES)  
WHERE CEILINGS ARE NOT INDICATED TO BE REPLACED IN ARCHITECTURAL DRAWINGS, HVAC CONTRACTOR SHALL REMOVE AND REINSTALL CEILING TILES AND GRID AS NECESSARY TO FACILITATE HOT WATER PIPING INSTALLATION. CONTRACTOR SHALL REPLACE ANY DAMAGED CEILING TILES TO MATCH EXISTING.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

DBE: TAB: Layout1 - Y:\RYE CITY SD\Rye CSD - 2019 Bond - Phase 2 (1937.00)\Drawings\HVAC\0193700H-202-MHS.dwg - DATE: Feb 04, 2021 - 3:24pm





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	PROJECT No:	92
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	H2-203

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SED #: 6618-0001-0005-031

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

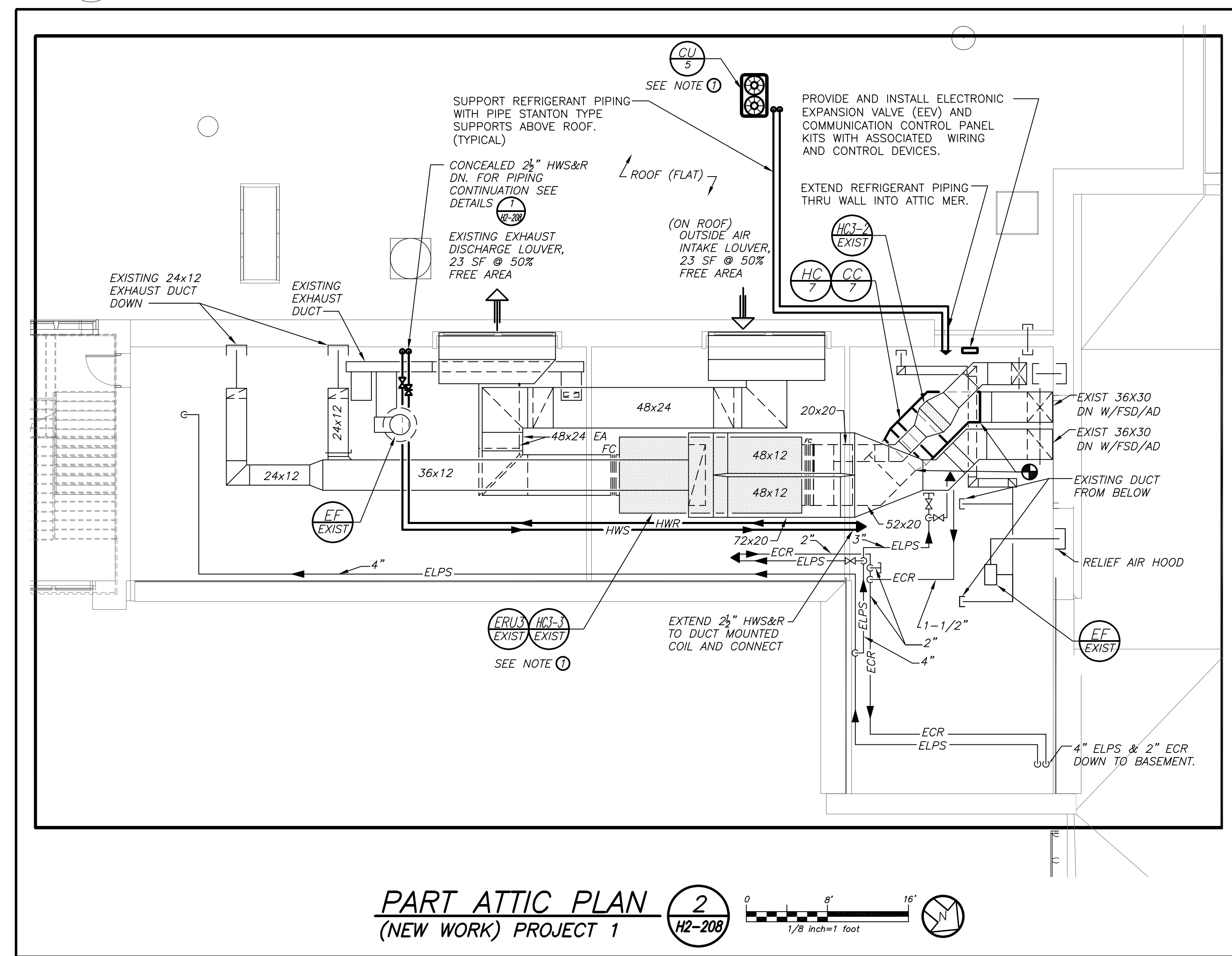
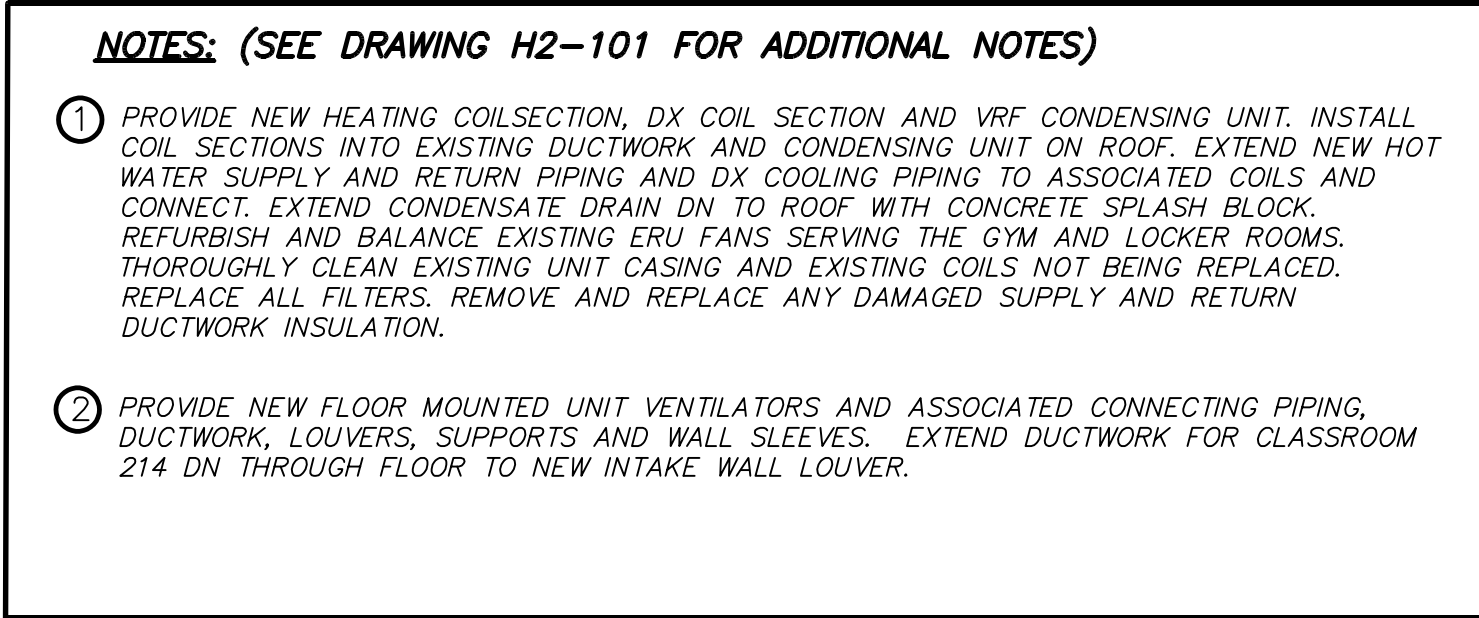
Rye High School & Middle  
School

Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE  
SCHOOL  
PART SECOND FLOOR AND  
ATTIC PLAN





PROJECT 1 &amp; 4

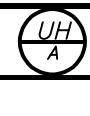
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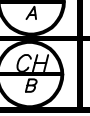




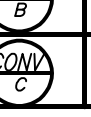

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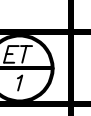


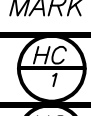
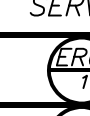
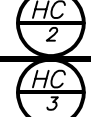
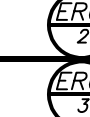
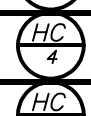
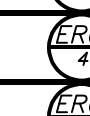
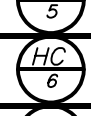
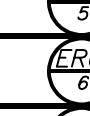
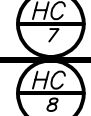
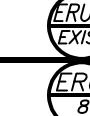
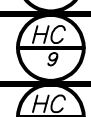
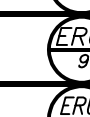



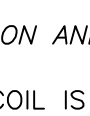

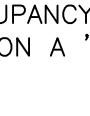


SCHEDULE OF EXISTING AIR HANDLING UNIT																											
GENERAL DATA				FAN DATA				HEATING DATA ③				COOLING DATA ③④				CONDENSING UNIT		FILTER DATA		PHYSICAL DATA		ELECTRICAL DATA				REMARKS	
MARK	SERVICE	MODEL NUMBER	OAI CFM MAX./MIN.	CFM	EXT. S.P. IN H <sub>2</sub> O	FAN RPM	MOTOR HP	TOTAL CAP. MBH	ENT. AIR TEMP. DB °F	LVG. AIR TEMP. DB °F	TOTAL CAP. MBH	SENSIBLE CAP. MBH	ENT. AIR TEMP. DB/WB °F	LVG. AIR TEMP. DB/WB °F	MARK	SERVICE	QTY.	SIZE (IN.)	TYPE	WEIGHT (LBS.)	LxWxH (IN.)	FLA	MCA	MOP	SERVICE		
	AUXILIARY GYM	—	4500 1800	4500	1.0	—	—	205	40	110	170	120	78/65	55/54		AUXILIARY GYM	—	—	MERV 13	—	—	—	—	—	—	208/3/60	REFER TO ②③
	AUXILIARY GYM	—	4500 1800	4500	1.0	—	—	205	40	110	170	120	78/65	55/54		AUXILIARY GYM	—	—	MERV 13	—	—	—	—	—	—	208/3/60	②③
<b>NOTES</b>				① AS MANUFACTURED BY "CARRIER".																							
				② REFURBISH IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.																							
				③ DESIGN AIR CONDITIONS: SUMMER: OA (94°F/75°F) RA (77°F/65°F); WINTER: OA (5°F/3°F) RA (70°F/55°F).																							
				④ BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A, SEER 12.0.																							
				⑤ REFURBISH EXISTING UNITS TO INCLUDE STEAM CLEANING OF EXISTING UNIT COILS, REPLACEMENT OF ALL FILTERS WITH MERV 13 FILTERS, AIR BALANCING OF EXISTING FANS AND AIR OUTLETS, PROVIDE NEW DUCT MOUNTED DX COILS IN EACH OF THE FOUR DISTRIBUTION MAINS, INSTALL VRF TYPE CONDENSING UNITS ON ROOF WITH CONNECTING REFRIGERANT PIPING AND CONTROLS FOR ASSOCIATED DX COILS.																							

SCHEDULE OF UNIT HEATER									
MARK	MODEL No. ①	CAPACITY DATA			MOTOR WATTS	ELECTRIC SERVICE	PHYSICAL DATA		REMARKS
		BTU/HR	FWT °F	LWT °F			LxWxH	WEIGHT (LBS)	
	HS-18	11725	160	140	1.0	9	120/1/60	—	REFER TO ②③④
<b>NOTES</b>									
① AS MANUFACTURED BY "STERLING".									
② INSTALL PER MANUFACTURER'S RECOMMENDATIONS									
③ CAPACITIES BASED ON HIGH SPEED FAN SETTING AND HW 160°F/140°F									
④ QUANTITIES AS IDENTIFIED ON HVAC DRAWINGS.									

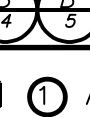
SCHEDULE OF CABINET HEATERS									
MARK	TYPE UNIT	MODEL No.	CAPACITY DATA			MOTOR HP	MOTOR RPM	ELECTRIC SERVICE	REMARKS
			BTU/HR	CFM	GPM				
	RECESSED CLG. MTD.	RC1200-03	21,900	265	3.0	0.77	1/15	1100	120/1/60 43Wx25Lx10H 125
	RECESSED WALL MTD.	RW1120-03	21,900	265	3.0	0.77	1/15	1100	120/1/60 43Wx25Lx10H 125
<b>NOTES</b>									
① AS MANUFACTURED BY "STERLING".									
② INSTALL PER MANUFACTURER'S RECOMMENDATIONS									
③ CAPACITIES BASED ON LOW SPEED FAN SETTING AND HW 160°F/140°F									
④ PROVIDE THROWAWAY FILTERS, DISCONNECT SWITCH, TWO ROW COIL, REMOTE THERMOSTAT/FAN CONTROLS, ELECTRONICALLY COMMUTATED MOTOR (ECM), OPTIONAL COLOR/FINISH SELECTED BY ARCHITECT, INTEGRAL SPEED CONTROL SWITCH FIELD MOUNTED, RECESSED TRIM SECTION AND SEALS.									

SCHEDULE OF CONVECTORS									
MARK	MODEL No. ①	MBH	GPM	PHYSICAL DATA			WEIGHT	REMARKS	
				D	L	H			
	SF-A	3.5	1.0	4"	36"	26"	50	REFER TO ②③	
	SF-A	8.0	2.0	6"	48"	32"	75	②③	
	SF-A	11.0	2.0	6"	64"	32"	100	②③	
<b>NOTES</b>									
① AS MANUFACTURED BY "STERLING".									
② INSTALL PER MANUFACTURER'S RECOMMENDATIONS									
③ CAPACITIES BASED ON 150" A.W.T.									

SCHEDULE OF EXPANSION TANK				
MARK	MODEL No. ①	TANK VOLUME GALS.	ACCEPTANCE VOLUME GALS.	REMARKS
	B-400	106	106	REFER TO ②③
<b>NOTES</b>				
① AS MANUFACTURED BY "BELL & GOSSETT".				
② INSTALL PER MANUFACTURER'S RECOMMENDATIONS.				
③ VERTICAL MOUNTING 125PSI ASME TANK, DIMENSIONS 24"x65"H / 1200LBS.				

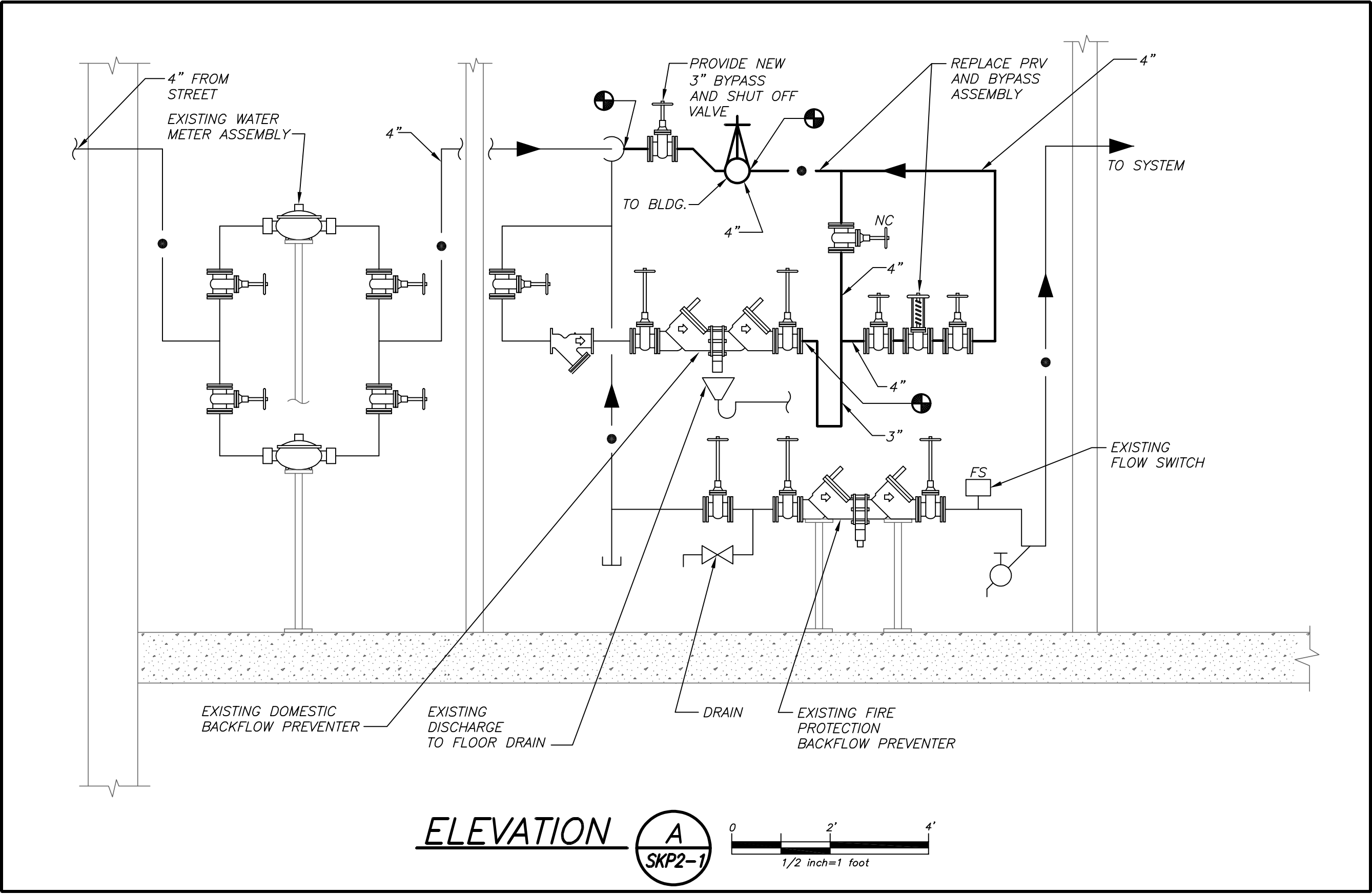
SCHEDULE OF DUCT MOUNTED HEATING COILS																		
GENERAL DATA			SIZE				AIR SIDE				WATER SIDE				REMARKS			
MARK	BUILDING	SERVICE	WIDTH (IN.)	HEIGHT (INCHES)	FACE AREA (FT <sup>2</sup> )	ROWS	CFM	MBH	PRESS. DROP (WG)	VELOCITY FPM	E.A.T. °F	L.A.T. °F	FLOW RATE (GPM)	PRESS. DROP Δ HEAD (FT)				
	HIGH SCHOOL		—	—	—	2 MINIMUM	MAXIMUM	6600	435	0.2" MAX	600 MAX.	10	70	STEAM	5 FT. MAX	REFER TO ②③④		
	HIGH SCHOOL		—	—	—			6600	435					STEAM				
	HIGH SCHOOL		—	—	—			600	36					STEAM				
	HIGH SCHOOL		—	—	—			400	27					3.0				
	HIGH SCHOOL		—	—	—			200	14					2.0				
	HIGH SCHOOL		—	—	—			6000	396					40.0				
	MIDDLE SCHOOL		—	—	—			8000	528					53.0				
	HIGH SCHOOL		—	—	—			1500	99					10.0				
	HIGH SCHOOL		—	—	—			400	27					3.0				
	MIDDLE SCHOOL		—	—	—			400	27					3.0				
<b>NOTES</b>																		
① ENTERING WATER TEMPERATURE 180°F, 20°F ΔT.																		
② PROVIDE INSPECTION AND CLEANING DUCT ACCESS DOOR ON UPSTEAM SIDE OF COIL.																		
③ THE HOT WATER COIL IS SIZED TO HANDLE OUTDOOR AIR QUANTITIES AT 100 PERCENT OF OCCUPANCY WITHOUT HAVING TO RESORT TO CLOSING OUTDOOR AIR INTAKE DAMPERS ON A "DESIGN HEATING DAY" TO PREVENT FREEZE-UP.																		

SCHEDULE OF EXISTING STEAM BOILERS														
BOILER DATA				BURNER DATA							INDUCED DRAFT FAN DATA		REMARKS	
MARK	SERVICE	MODEL N <sup>o</sup> ①	NUMBER OF SECTIONS	MODEL N <sup>o</sup> ②	OUTPUT (BHP)	OUTPUT (MBH/HR)	BOILER EFFICIENCY	FIRING RATE OIL (GPH)	FIRING RATE GAS (MBH)	BURNER MOTOR HP	OIL PUMP MOTOR HP	MODEL N <sup>o</sup> ③		MOTOR HP
BOILER #1	ORIG. BLDG. & ADDITION	6500 -S-21	21	C7-GO-30	325	8463	83.7%	92	—	7 1/2 (208/3/60)	3/4 (208/3/60)	24C300-3	3 (208/3/60)	
BOILER #2														
BOILER #3														
NOTES	① AS MANUFACTURED BY "H.B. SMITH".													
	② AS MANUFACTURED BY "POWERFLAME".													
	③ AS MANUFACTURED BY "AUBURN".													

SCHEDULE OF BOILERS									
BOILER DATA			BURNER DATA		ELECTRICAL		PHYSICAL DATA		REMARKS
MARK	LOCATION	MODEL No. ①	INPUT (MBH)	OUTPUT (MBH)	FUEL	SERVICE	MCA	(IN) WEIGHT (LBS)	
	BOILER ROOM	ENDURA 1000	1000	902	GAS	120/1/60	20	28Wx51Lx68H 2000	REFER TO ②③④⑤
<b>NOTES</b>									
① AS MANUFACTURED BY "FULTON".									
② BURNER INTEGRAL TO BOILER.									
③ PROVIDE MANUFACTURER RECOMMENDED COMBUSTION AIR INTAKE AND EXHAUST VENT PIPING, VENT PIPE CONDENSATE DRAIN, HIGH/LOW LIMIT CONTROL, DUAL LOW WATER CUT OFFS, OUTDOOR AIR TEMPERATURE SENSOR KIT, MULTIPLE BOILER CONDENSATE NEUTRALIZER PACKAGE, VENT PIPING PER THIS MANUFACTURER AL-29-4C OR 316L BACKET CONTROLS, DISCONNECT SWITCH, LEAD LAG CONTROLS, MOTORIZED ISOLATION VALVES, BOILER PUMP START/STOP SIGNAL, VENTLESS GAS TRAIN, MODSVCN CONTROL PANEL.									
④ BOILER INSTALLATION SHALL CONFORM TO ALL REQUIREMENTS OF INSURANCE UNDERWRITER, NFPA AND ALL AUTHORITIES HAVING JURISDICTION. BOILERS SHALL BE FULLY FIELD COMMISSIONED BY AUTHORIZED TECHNICIAN FOR THE TYPE OF GAS FIRED (LPG OR NG). IF THE TYPE OF GAS IS CHANGED AFTER STARTUP THE BOILERS SHALL BE FULLY RE-COMMISSIONED BY AUTHORIZED TECHNICIAN.									
⑤ HOT WATER BASED ON 140°F E.W.T., 160°F L.W.T.									

SCHEDULE OF PUMPS
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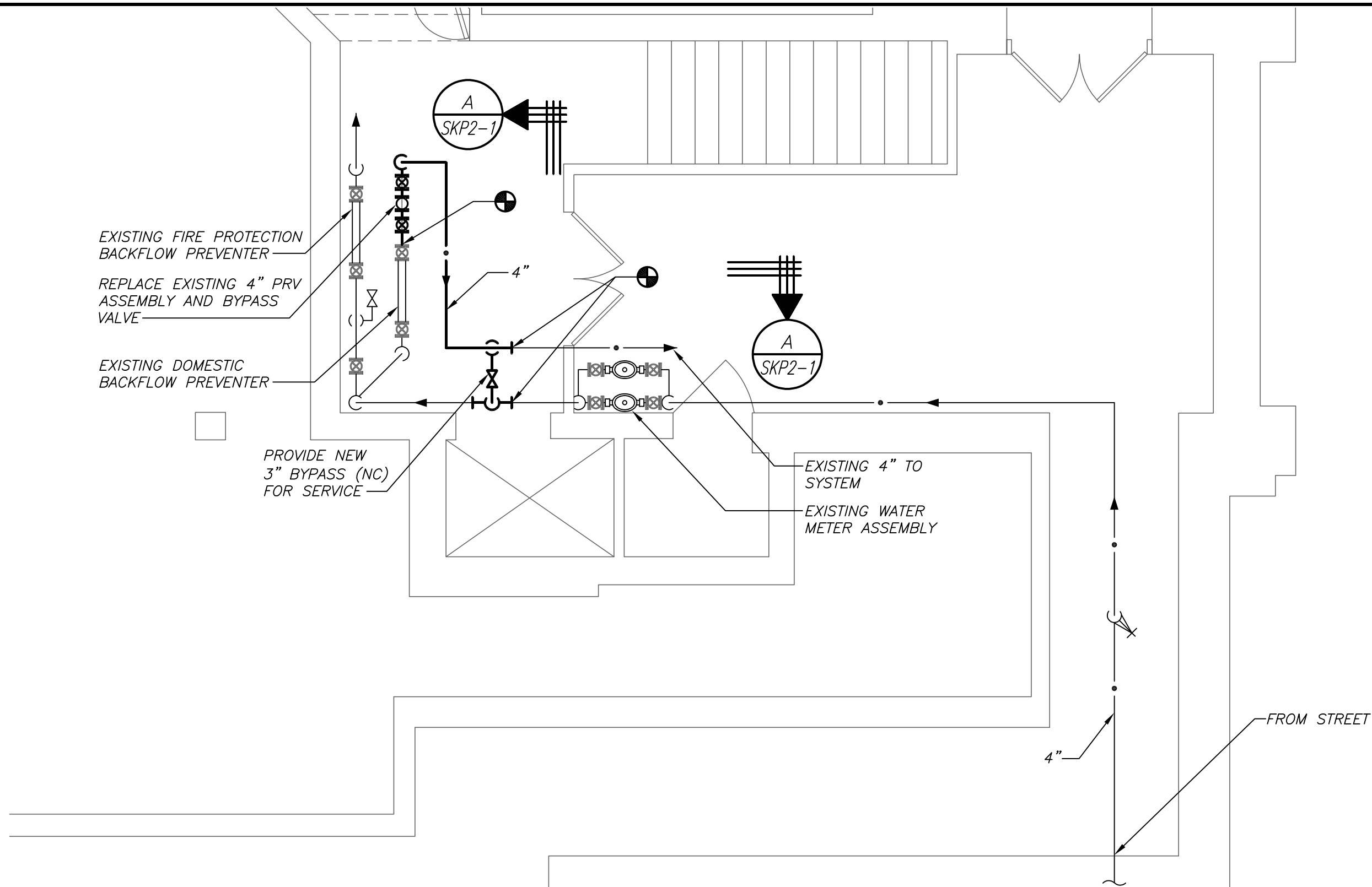
**Rye City Schools**  
555 Theodore Fremd Ave, Rye, NY 10580  
**Rye High School & Middle**  
1 Parsons Street, Rye, New York 10580

**PRESSURE REDUCING VALVE  
ASSEMBLY REPLACEMENT**

DATE 02/02/2021  
SCALE AS SHOWN  
DRAWN BY / CHECKED BY  
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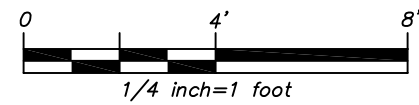
**SKP2-1**





# PART BASEMENT PLAN

2  
SKP2-2



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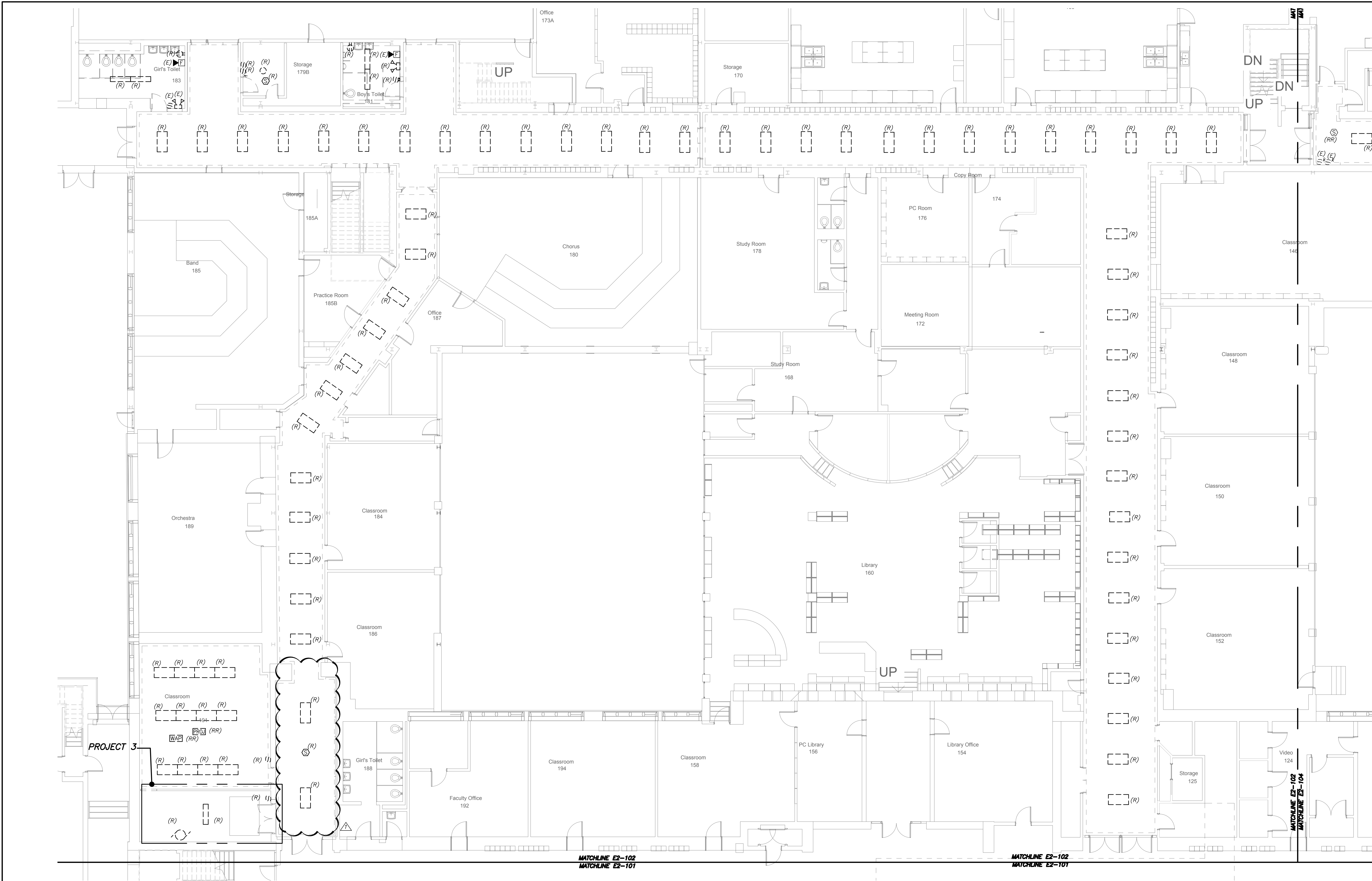
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DATE 02/02/2021  
SCALE AS SHOWN  
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**SKP2-2**





**PARTIAL FIRST FLOOR PLAN**  
(REMOVALS) (PROJECT 1 & 3)



**\*\*CORRIDOR CEILING WORK NOTES (READ CAREFULLY)\*\*:**

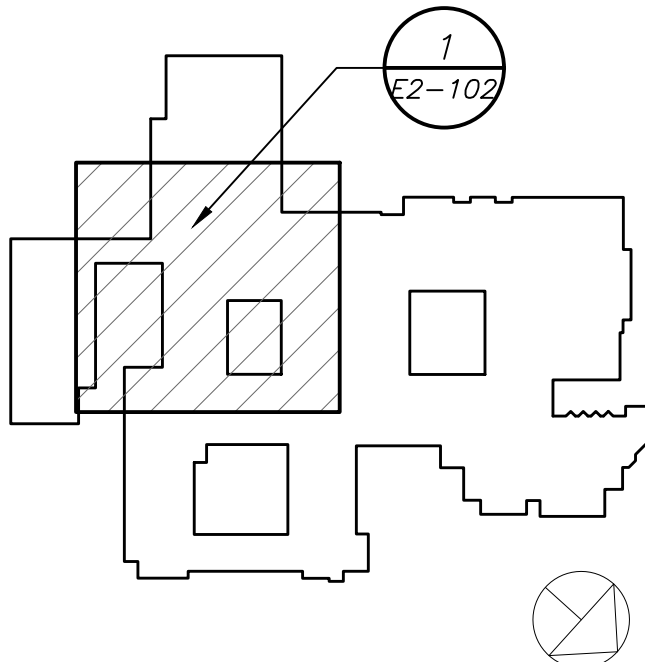
1. CORRIDOR CEILING SHALL BE REMOVED BY OTHER CONTRACTORS. THIS ELECTRICAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE TO RE-SUPPORT ALL LOW VOLTAGE WIRING AND MC LINE VOLTAGE CABLE LYING ON THE CEILING TILE, GRID AND NOT PROPERLY SUPPORTED WITH J-HOOKS BEFORE THE START OF THE CEILING REMOVAL. THIS CONTRACTOR SHOULD ANTICIPATE THAT THERE WILL BE APPROXIMATELY 2-20 CABLES ALONG THE WALL AGAINST THE CLASSROOMS ON BOTH SIDES OF THE CORRIDOR. THE CENTER OF THE CORRIDOR HAS APPROXIMATELY 30 TO 50 LOW VOLTAGE CABLES AND 5 TO 10 MC ARMORED LINE VOLTAGE CABLES. INCLUDE THE REWIRING OF APPROXIMATELY 36 - 200'-0" LENGTH LOW VOLTAGE CABLES TO ALLOW CLEARANCE FOR HVAC DUCTWORK AND PIPING. THE LOW VOLTAGE CABLE TYPE CONSISTS OF DATA, TELEPHONE, PA, FIRE ALARM, SECURITY, CAMERAS, AND MECHANICAL EQUIPMENT CONTROL WIRING.
2. THE EXISTING LIGHTING WILL BE MAINTAINED AS TEMPORARY LIGHTING DURING THE DURATION OF ABOVE CEILING WORK. ONCE NEW LIGHTING FIXTURES ARE INSTALLED ALL EXISTING LIGHTING SHALL BE REMOVED IN ITS ENTIRETY INCLUDING BRANCH CIRCUITRY BACK TO SOURCE.
3. ALL CEILING MOUNTED SPEAKERS SHALL BE RE-SUPPORTED AND MAINTAINED DURING THE DURATION OF ABOVE CEILING WORK. ONCE NEW CEILING INSTALLATION WORK STARTS THIS CONTRACTOR SHALL REINSTALL AND REMOUNT SPEAKERS IN NEW CEILING TILES IN A NEAT AND CLEAN MANNER. ALL CEILING MOUNTED CAMERAS AND WAP'S WILL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT TO REMOVE AND REINSTALL.
4. THE CORRIDOR CEILING SEQUENCE OF THE WORK SHALL BE COORDINATED WITH CONSTRUCTION MANAGER, SCHOOL DISTRICT AND OTHER CONTRACTORS BEFORE THE START OF ANY WORK.

**GENERAL REMOVAL NOTES:**

1. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER. COORDINATE WITH SCHOOL DISTRICT AND CONSTRUCTION MANAGER BEFORE THE START OF ANY WORK.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021



**Geddis Architects**

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ODEH ENGINEERS  
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Albany, NY 12205  
518-463-4400

Acoustic Consultant  
DP DESIGN  
12 Cold Spring Street  
Providence, RI  
401-861-3218

SED #: 6618-0001-0005-031

**PROJECT**

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School

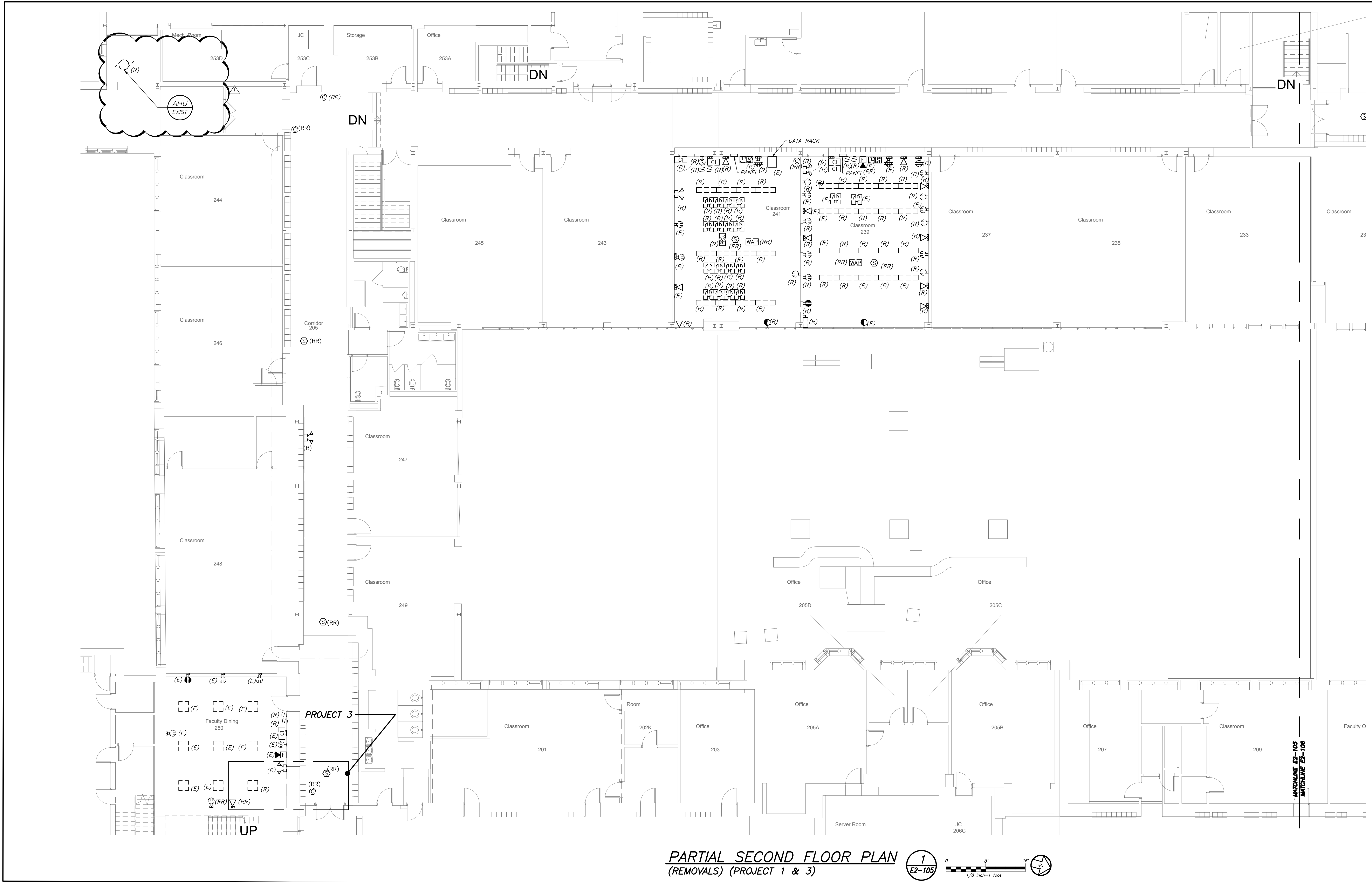
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**HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR REMOVAL PLAN**

**PROJECT 1 & 3**

SEAL & SIGNATURE	DATE:	11/07/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
DWG No:		E2-102





**PARTIAL SECOND FLOOR PLAN**  
(REMOVALS) (PROJECT 1 & 3)

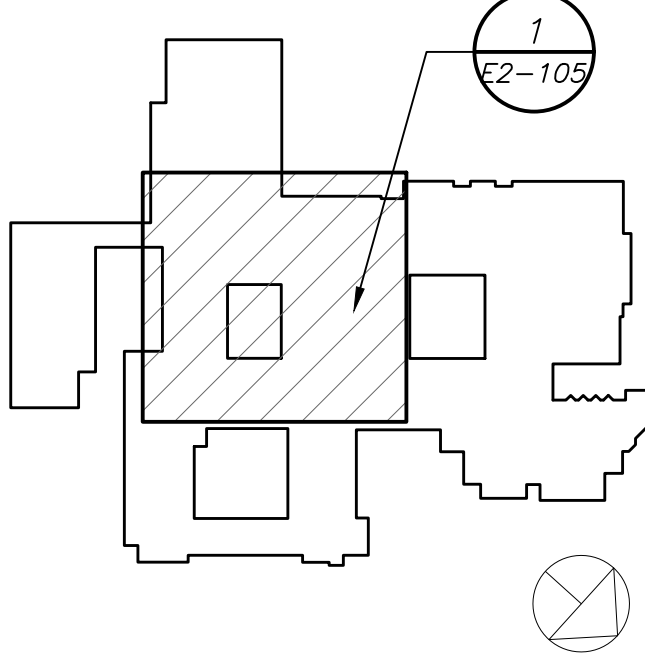
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**\*\*CORRIDOR CEILING WORK NOTES (READ CAREFULLY)\*\*:**

- CORRIDOR CEILING SHALL BE REMOVED BY OTHER CONTRACTORS. THIS ELECTRICAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE TO RE-SUPPORT ALL LOW VOLTAGE WIRING AND MC LINE VOLTAGE CABLE LYING ON THE CEILING TILE. GRID AND NOT PROPERLY SUPPORTED WITH J-HOOKS BEFORE THE START OF THE CEILING REMOVAL. THIS CONTRACTOR SHOULD ANTICIPATE THAT THERE WILL BE APPROXIMATELY 2-20 CABLES ALONG THE WALL AGAINST THE CLASSROOMS ON BOTH SIDES OF THE CORRIDOR. THE CENTER OF THE CORRIDOR HAS APPROXIMATELY 30 TO 50 LOW VOLTAGE CABLES AND 5 TO 10 MC ARMORED LINE VOLTAGE CABLES. INCLUDE THE REWIRING OF APPROXIMATELY 36 - 200'-0" LENGTH LOW VOLTAGE CABLES TO ALLOW CLEARANCE FOR HVAC DUCTWORK AND PIPING. THE LOW VOLTAGE CABLE TYPE CONSISTS OF DATA, TELEPHONE, PA, FIRE ALARM, SECURITY, CAMERAS, AND MECHANICAL EQUIPMENT CONTROL WIRING.
- THE EXISTING LIGHTING WILL BE MAINTAINED AS TEMPORARY LIGHTING DURING THE DURATION OF ABOVE CEILING WORK. ONCE NEW LIGHTING FIXTURES ARE INSTALLED ALL EXISTING LIGHTING SHALL BE REMOVED IN ITS ENTIRETY INCLUDING BRANCH CIRCUITRY BACK TO SOURCE.
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- THE CORRIDOR CEILING SEQUENCE OF THE WORK SHALL BE COORDINATED WITH CONSTRUCTION MANAGER, SCHOOL DISTRICT AND OTHER CONTRACTORS BEFORE THE START OF ANY WORK.

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SED #: 6618-0001-0005-031

PROJECT

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Rye High School & Middle School

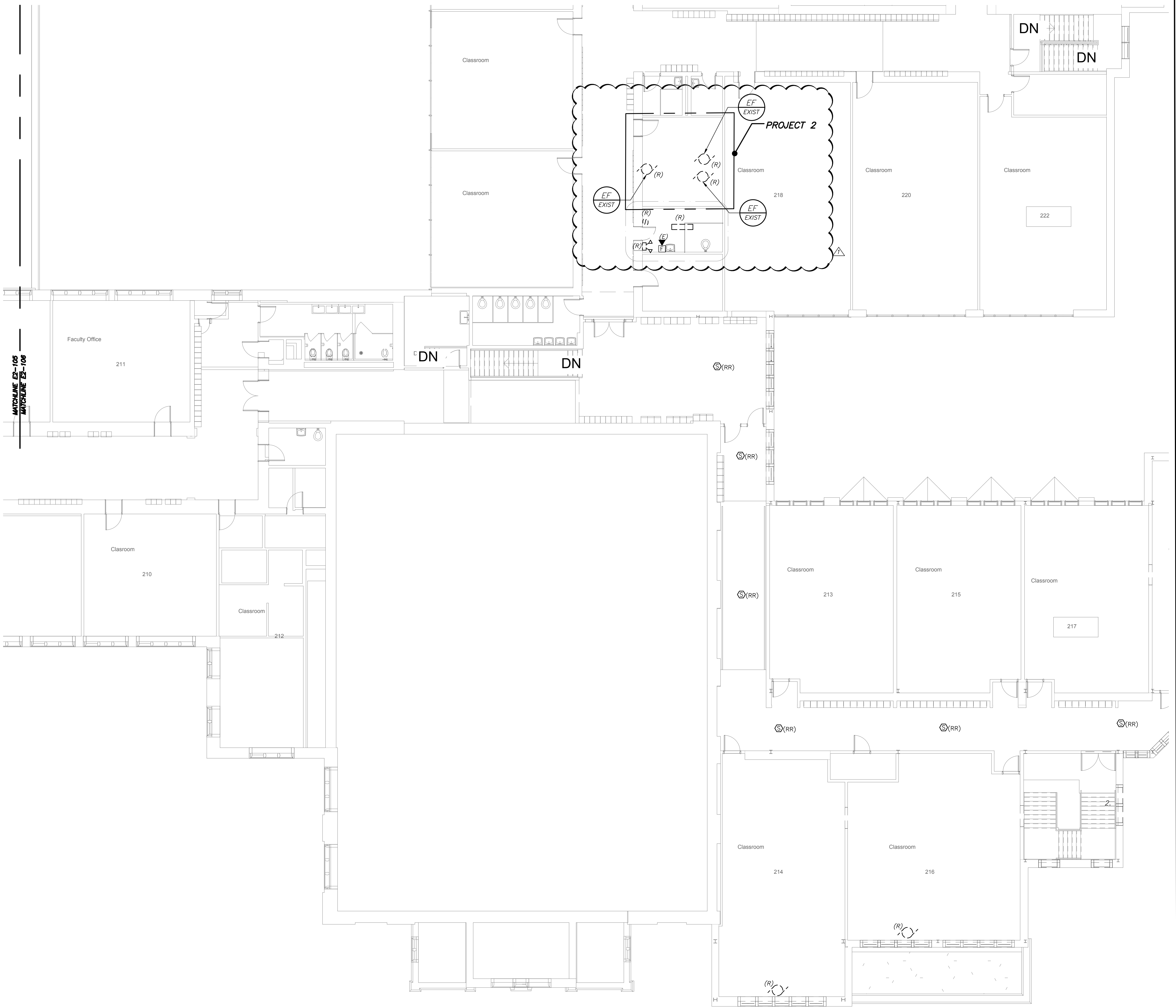
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HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR REMOVAL PLAN

PROJECT 1 & 3

SEAL & SIGNATURE	DATE:	11/07/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
DWG No:		E2-105



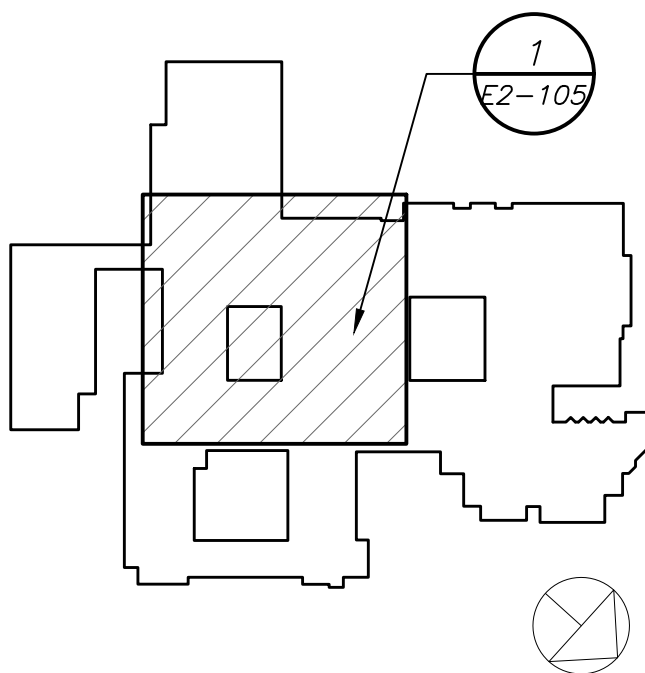


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- CORRIDOR CEILING SHALL BE REMOVED BY OTHER CONTRACTORS. THIS ELECTRICAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE TO RE-SUPPORT ALL LOW VOLTAGE WIRING AND MC LINE VOLTAGE CABLE LYING ON THE CEILING TILE, GRID AND NOT PROPERLY SUPPORTED WITH J-HOOKS BEFORE THE START OF THE CEILING REMOVAL. THIS CONTRACTOR SHOULD ANTICIPATE THAT THERE WILL BE APPROXIMATELY 2-20 CABLES ALONG THE WALL AGAINST THE CLASSROOMS ON BOTH SIDES OF THE CORRIDOR. THE CENTER OF THE CORRIDOR HAS APPROXIMATELY 30 TO 50 LOW VOLTAGE CABLES AND 5 TO 10 MC ARMORED LINE VOLTAGE CABLES. INCLUDE THE REWIRING OF APPROXIMATELY 36 - 200'-0" LENGTH LOW VOLTAGE CABLES TO ALLOW CLEARANCE FOR HVAC DUCTWORK AND PIPING. THE LOW VOLTAGE CABLE TYPE CONSISTS OF DATA, TELEPHONE, PA, FIRE ALARM, SECURITY, CAMERAS, AND MECHANICAL EQUIPMENT CONTROL WIRING.
- THE EXISTING LIGHTING WILL BE MAINTAINED AS TEMPORARY LIGHTING DURING THE DURATION OF ABOVE CEILING WORK. ONCE NEW LIGHTING FIXTURES ARE INSTALLED ALL EXISTING LIGHTING SHALL BE REMOVED IN ITS ENTIRETY INCLUDING BRANCH CIRCUITRY BACK TO SOURCE.
- ALL CEILING MOUNTED SPEAKERS SHALL BE RE-SUPPORTED AND MAINTAINED DURING THE DURATION OF ABOVE CEILING WORK. ONCE NEW CEILING INSTALLATION WORK START THIS CONTRACTOR SHALL REINSTALL AND REMOUNT SPEAKERS IN NEW CEILING TILES IN A NEAT AND CLEAN MANNER. ALL CEILING MOUNTED CAMERAS AND WAP'S WILL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT TO REMOVE AND REINSTALL.
- THE CORRIDOR CEILING SEQUENCE OF THE WORK SHALL BE COORDINATED WITH CONSTRUCTION MANAGER, SCHOOL DISTRICT AND OTHER CONTRACTORS BEFORE THE START OF ANY WORK.

- REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER. COORDINATE WITH SCHOOL DISTRICT AND CONSTRUCTION MANAGER BEFORE THE START OF ANY WORK.

Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021



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SED #: 6618-0001-0005-031

PROJECT

Rye City School District  
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR REMOVAL PLAN

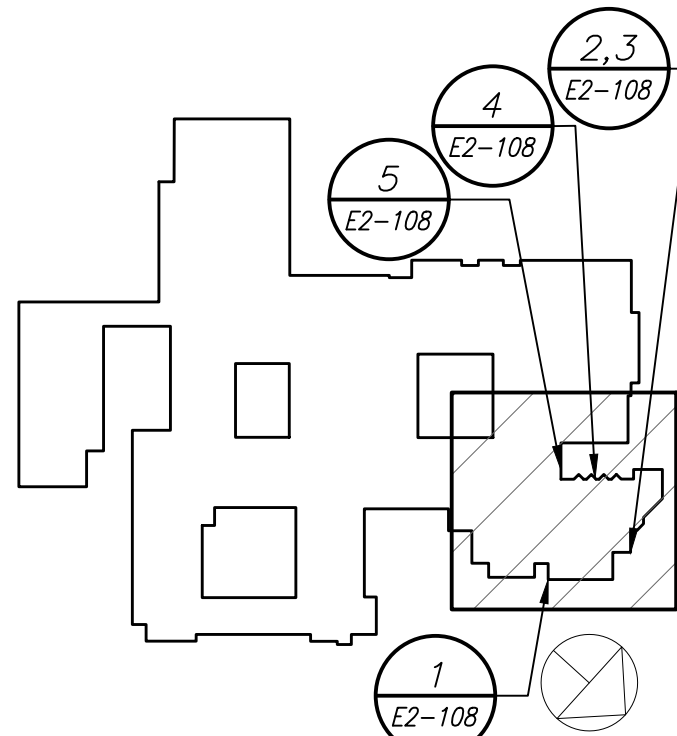
PROJECT 1 & 2

SEAL & SIGNATURE	DATE: 11/07/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-106

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



Revision Schedule		
No.	Description	Date
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3	ISSUED FOR BID	01/19/2021
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SED #: 6618-0001-0005-031

PROJECT

Rye City School District

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Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

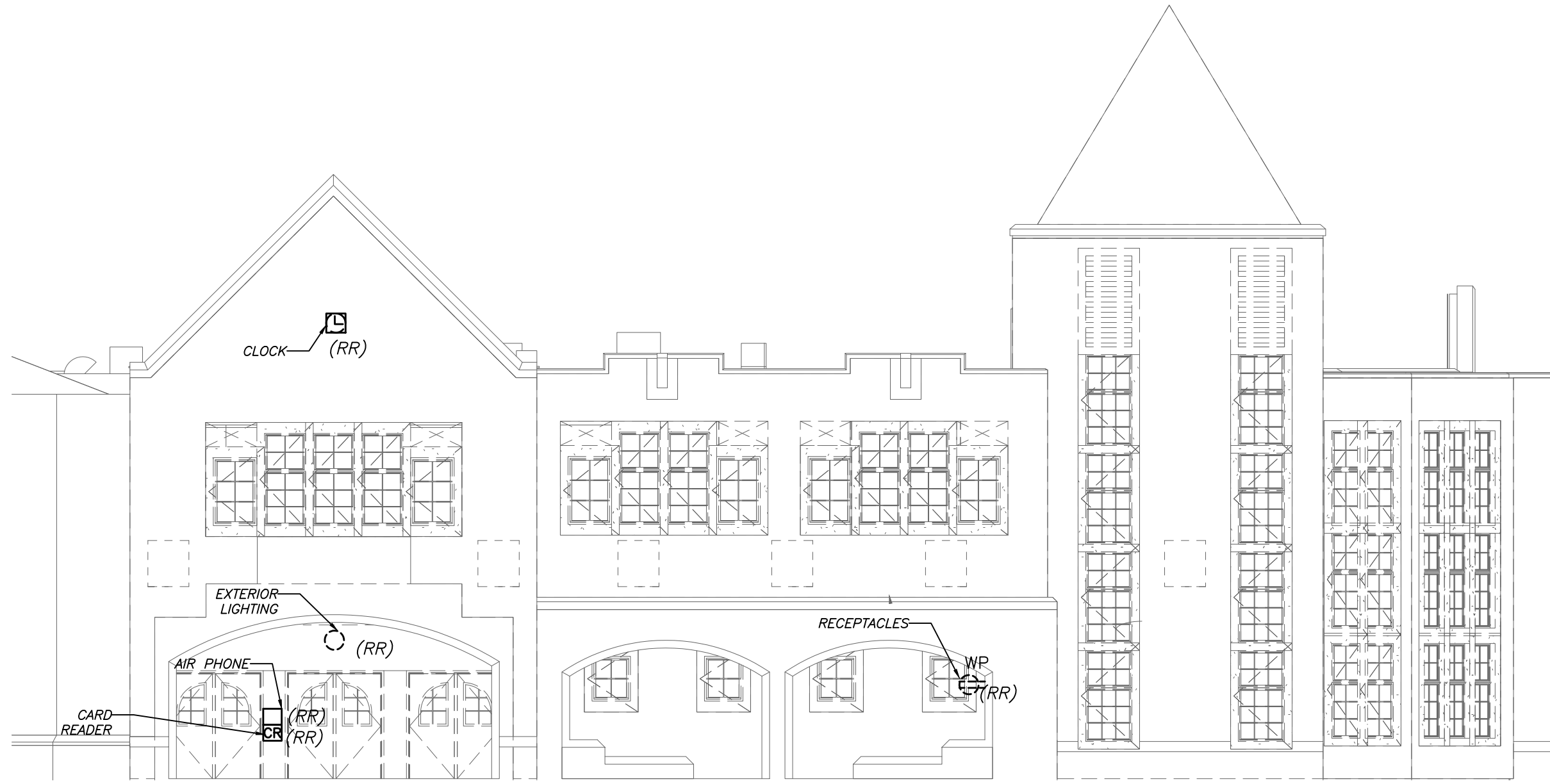
HIGH SCHOOL & MIDDLE SCHOOL EXTERIOR REMOVAL PLAN

PROJECT 4

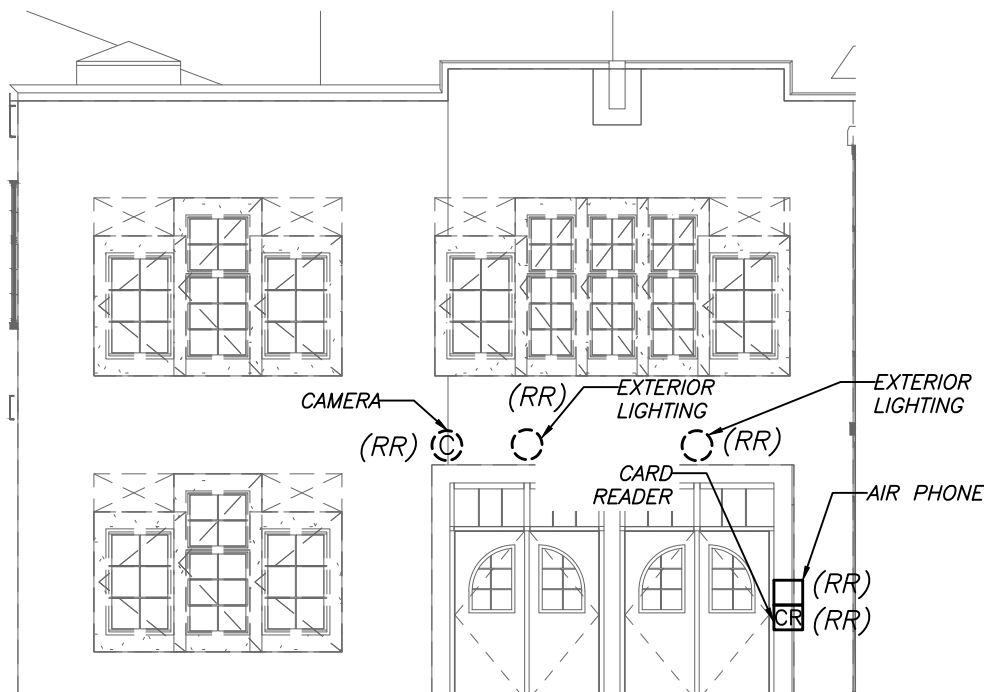
SEAL & SIGNATURE	DATE: 11/07/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-108



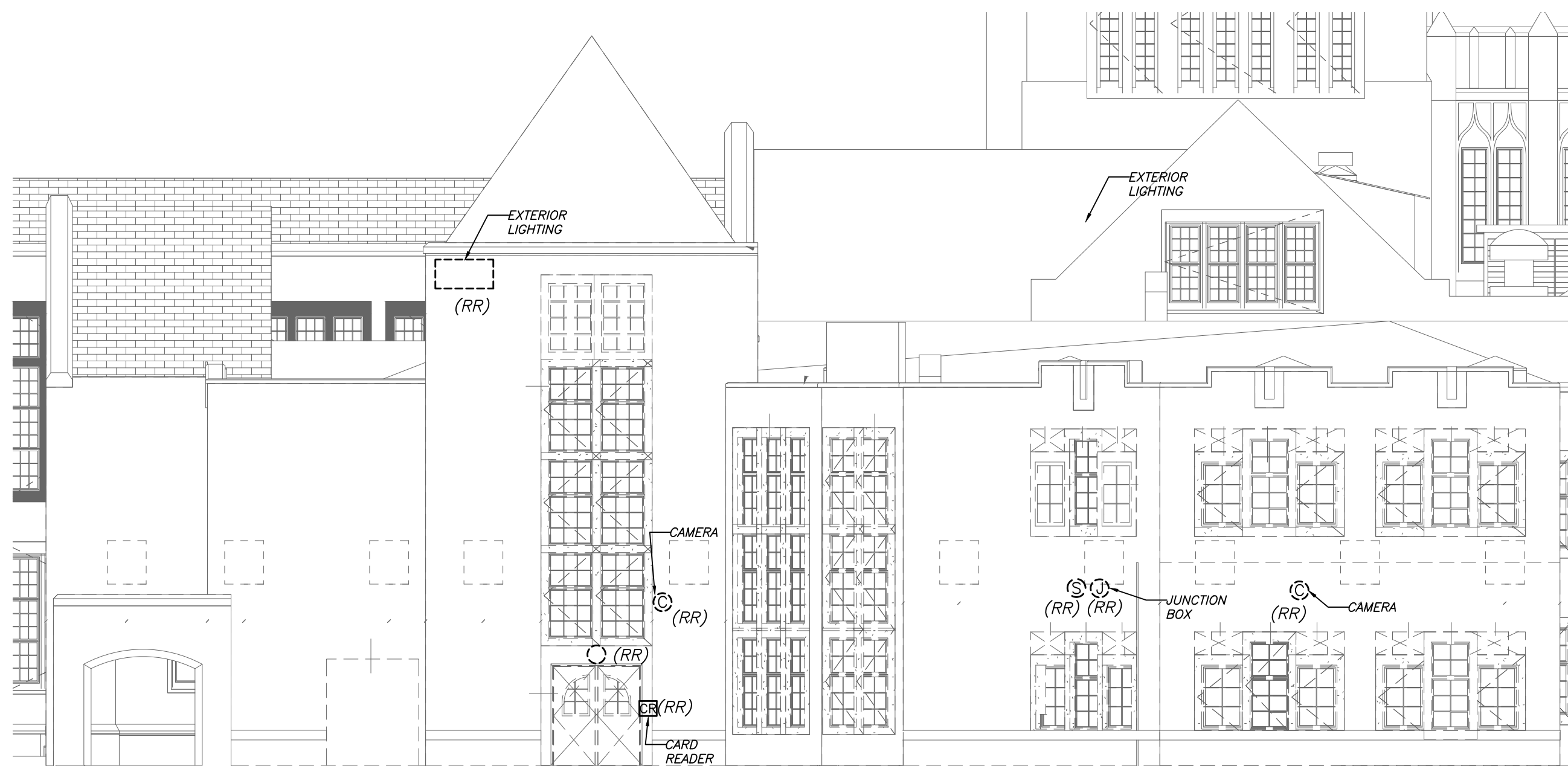
EXTERIOR POWER PLAN (REMOVALS) (PROJECT 4) 4 E2-108



EXTERIOR POWER PLAN (REMOVALS) (PROJECT 4) 1 E2-108



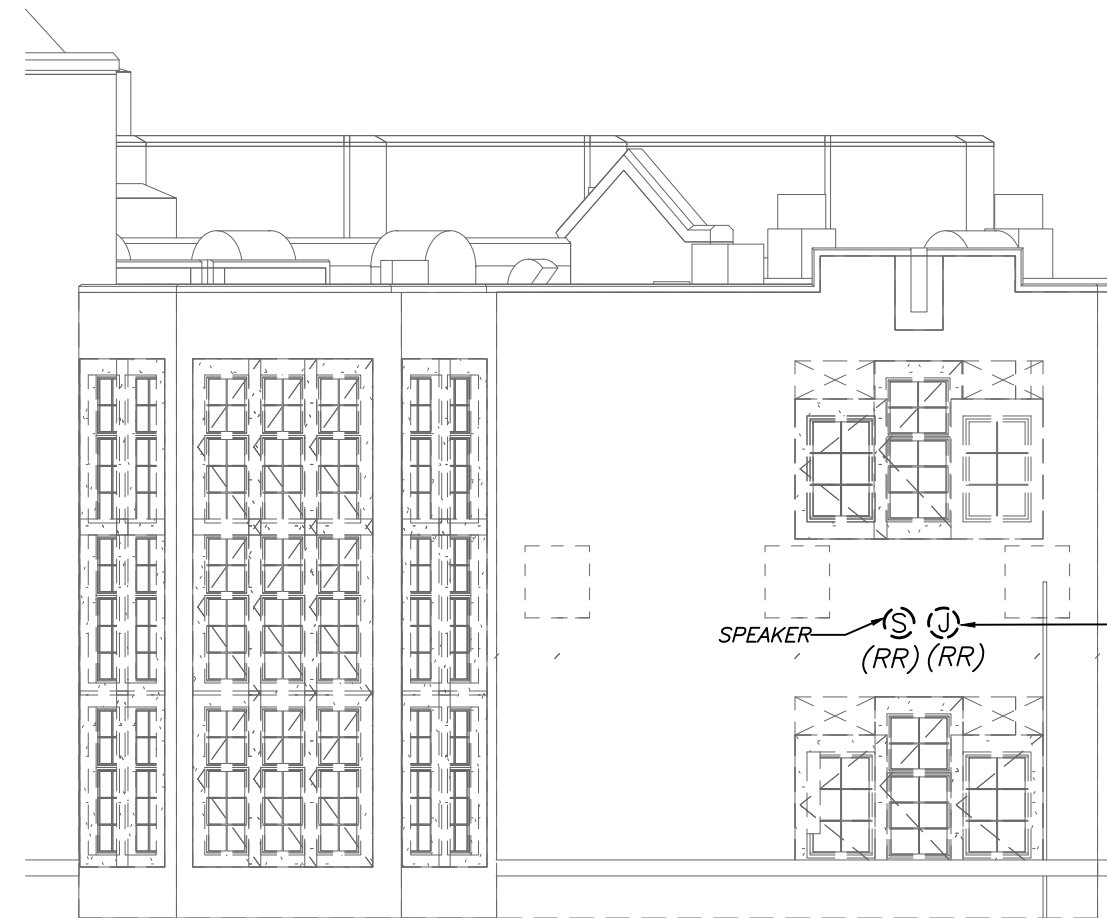
EXTERIOR POWER PLAN (REMOVALS) (PROJECT 4) 5 E2-108



EXTERIOR POWER PLAN (REMOVALS) (PROJECT 4) 2 E2-108

GENERAL REMOVAL NOTES:

1. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER. COORDINATE WITH SCHOOL DISTRICT AND CONSTRUCTION MANAGER BEFORE THE START OF ANY WORK.



EXTERIOR POWER PLAN (REMOVALS) (PROJECT 4) 3 E2-108

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



The drawing shows a complex building footprint. A square area on the left side is filled with diagonal hatching. Within this hatched square is a smaller, un-hatched square. A line connects the center of the smaller square to a circular detail callout at the bottom right. The callout contains a circle with a diagonal line through it, and the text  $\varnothing 20$  below it. Another circular detail callout, also with a diagonal line, is located to the right of the first one.

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SED #: 6618-0001-0005-031

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

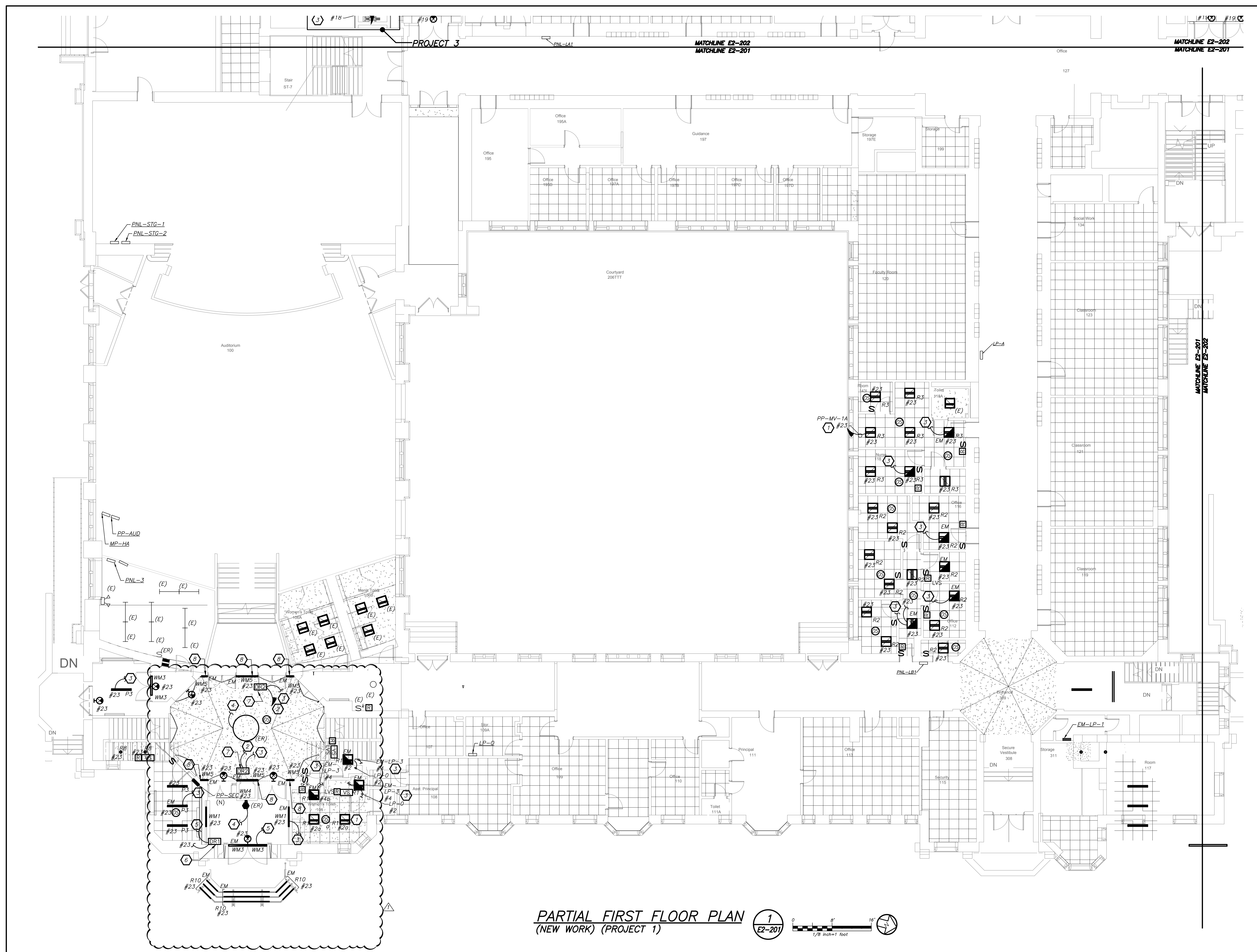
Rye High School & Middle  
School

1 Parsons Street, Rye, New York 10580

## HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN

## PROJECT 1

SEAL & SIGNATURE	DATE:	11/07/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	E2-201



BEFORE FABRICATION THIS CONTRACTOR SHALL  
VERIFY ALL MEASUREMENTS AND CONDITIONS ON  
JOB AND COORDINATE HIS WORK WITH THE WORK  
OF ALL OTHER CONTRACTORS

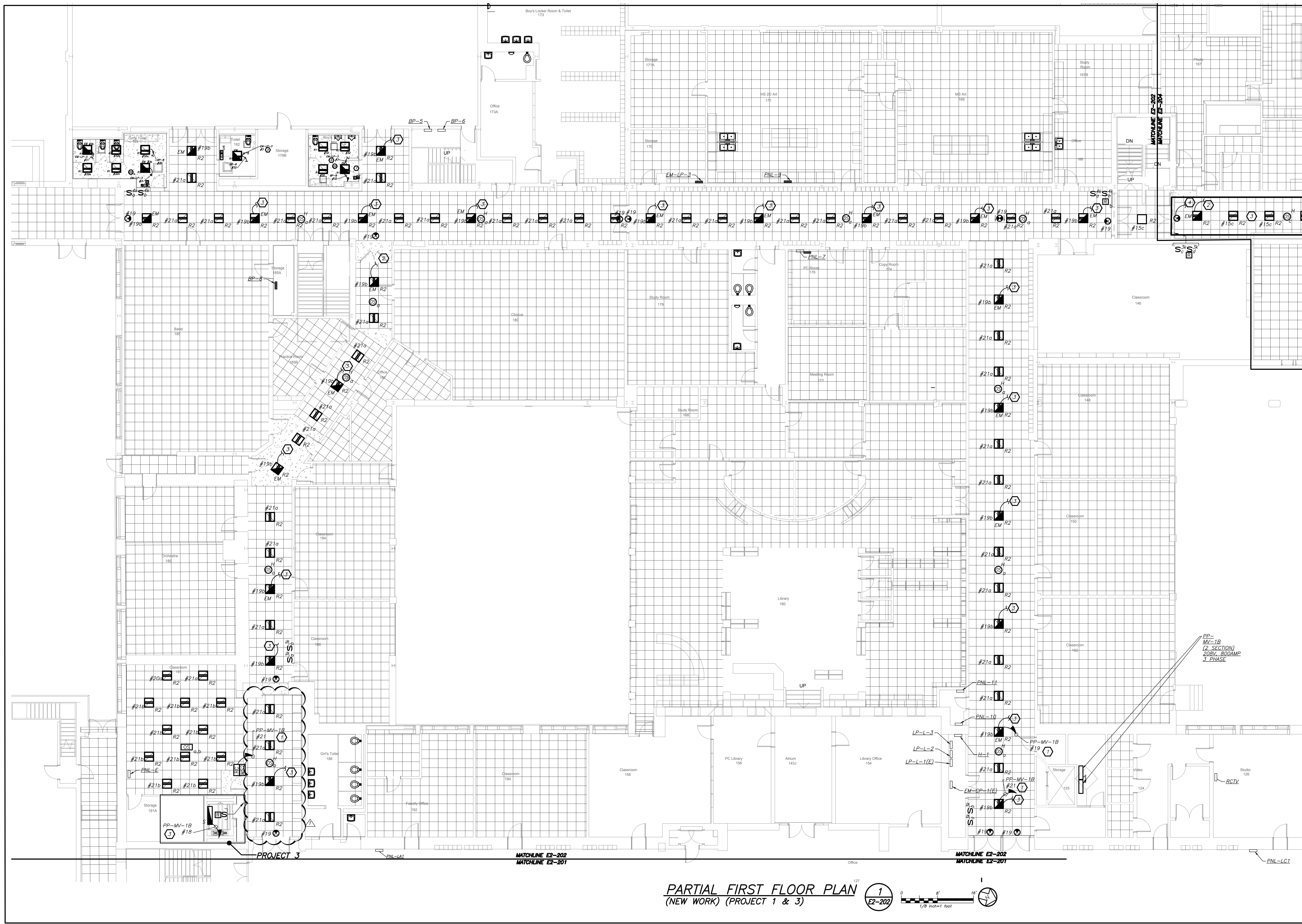
### LIGHTING CONTROL AND SEQUENCE OF OPERATION

1. ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA TWO SEPARATE EXISTING MANUAL WALL MOUNTED KEY SWITCHES AND OCCUPANCY SENSORS. THE OCCUPANCY SENSORS SHALL HAVE AUTO ON-AUTO OFF FEATURE WHICH WILL TURN OFF THE LIGHTS IN THE DESIGNATED ZONE OFF AFTER 20 MINUTES WHEN CORRIDOR IS VACANT. THE OCCUPANCY SENSOR SHALL CONTROL ONLY NORMAL/NON-EMERGENCY LIGHTING. THE LIGHTING FIXTURE DESIGNATED WITH EMERGENCY FEATURE SHALL BE CONTROLLED VIA MOUNTED KEY SWITCH . UL 924 EMERGENCY LIGHTING RELAY (R) ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOSS OF POWER.

WORK NOTES

1. CIRCUIT NUMBERS FOR CONTRACTOR GUIDANCE ONLY. WIRE LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
2. WIRE NEW CORRIDOR LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
3. WIRE EMERGENCY LIGHTING TO EMERGENCY LIGHTING CIRCUIT IN AREA.
4. ELECTRICAL CONTRACTOR TO REFURBISH AND REWIRE EXISTING HISTORIC FIXTURE. RELOCATE FIXTURE TO BE MOUNTED ON PROPOSED BRACKET.
5. WIRE LIGHTING FIXTURE TO EMERGENCY LIGHTING CIRCUIT IN AREA REFER TO PG-207.
6. PROVIDE REMOTE DRIVER KELVIX HLVI92 FOR EXTERIOR STEP LIGHTING "R10". EC TO PROVIDE LINE VOLTAGE FROM DRIVER TO PANEL AS SHOWN. DRIVER SHALL BE LOCATED IN CRAWL SPACE BELOW LOBBY.
7. PROVIDE REMOTE DRIVER KELVIX ULV98 FOR LED TAP LIGHTING WMS. EC TO PROVIDE LINE VOLTAGE FROM DRIVER TO PANEL AS SHOWN. DRIVER SHALL BE LOCATED IN CRAWL SPACE BELOW LOBBY.
8. COORDINATE CONDUIT PATH FOR WMS FIXTURE WITH ARCHITECT BEFORE THE START OF ANY WORK.





**PARTIAL FIRST FLOOR PLAN**  
(NEW WORK) (PROJECT 1 & 3)

**LIGHTING CONTROL AND SEQUENCE OF OPERATION:**

1. ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA TWO SEPARATE EXISTING MANUAL WALL MOUNTED KEY SWITCHES AND OCCUPANCY SENSORS. THE OCCUPANCY SENSORS SHALL HAVE AUTO ON-AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS IN THE DESIGNATED ZONE OFF AFTER 20 MINUTES WHEN CORRIDOR IS VACANT. THE OCCUPANCY SENSOR SHALL CONTROL ONLY NORMAL/NON-EMERGENCY LIGHTING. THE LIGHTING FIXTURE DESIGNATED WITH EMERGENCY FEATURE SHALL BE CONTROLLED VIA WALL MOUNTED KEY SWITCH - UL 924 EMERGENCY LIGHTING RELAY (R) ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOSS OF POWER.

**WORK NOTES**

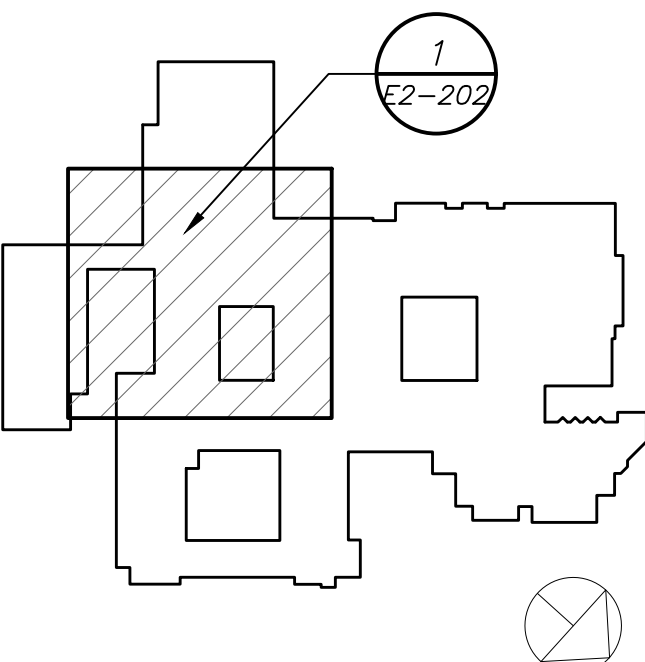
- 1. CIRCUIT NUMBERS FOR CONTRACTOR GUIDANCE ONLY. WIRE LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
- 2. WIRE NEW CORRIDOR LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
- 3. WIRE EMERGENCY LIGHTING TO EMERGENCY LIGHTING CIRCUIT IN AREA.

**PHASE 1 NOTES:**

- 1. APPROVED IN PHASE 1, SED #6618001-0003-024 ON 3/16/20

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

Revision Schedule		
No.	Description	Date
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PROJECT

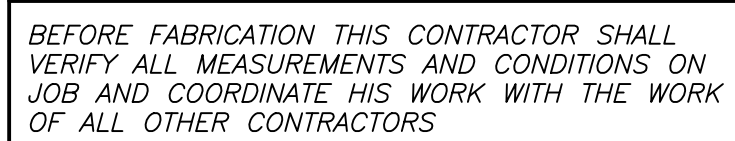
**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580  
  
**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN

PROJECT 1 & 3

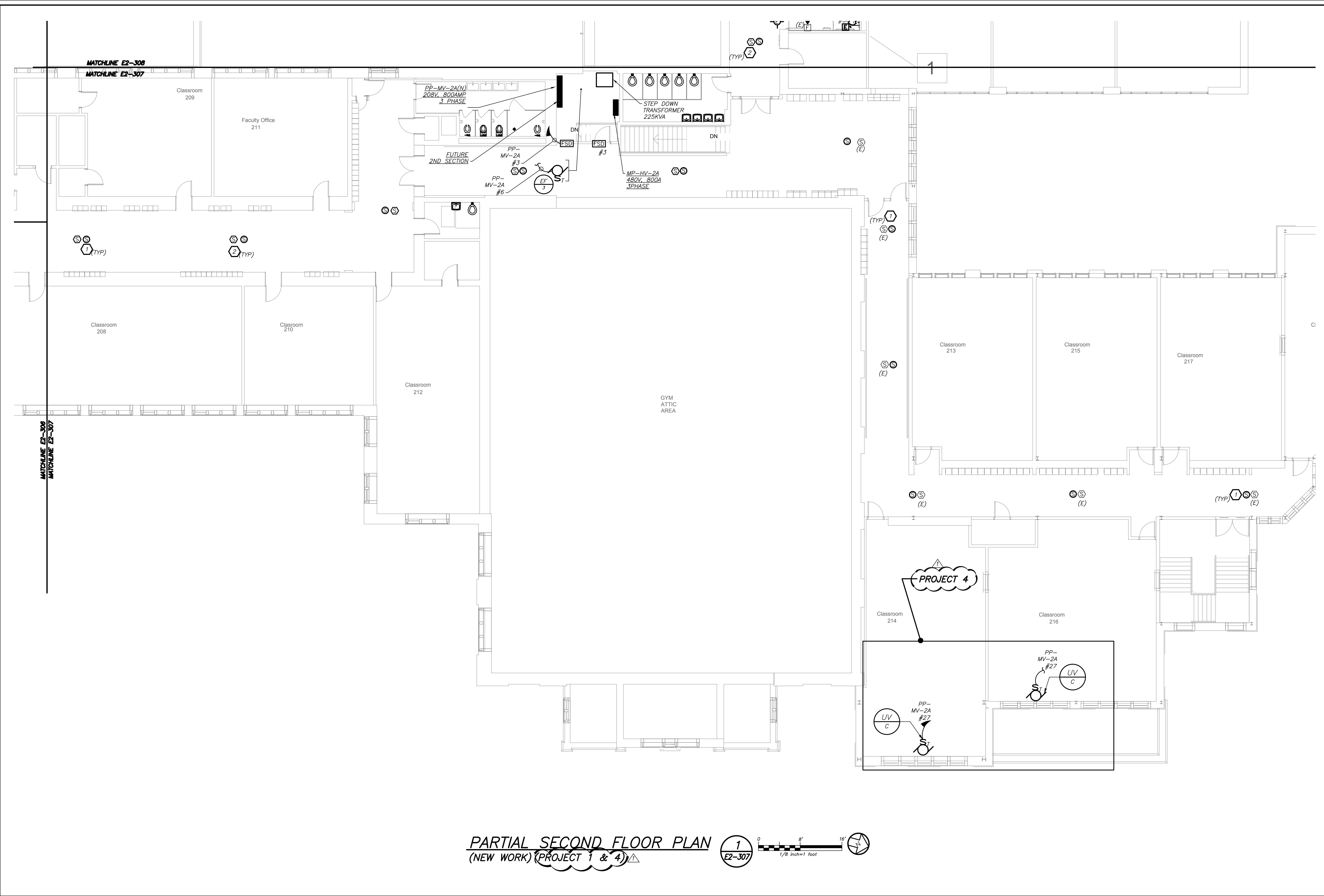
SEAL & SIGNATURE	DATE: 11/07/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-202





SEAL & SIGNATURE	DATE:	11/07/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	E2-304





PARTIAL SECOND FLOOR PLAN  
(NEW WORK) (PROJECT 1 & 4)

- GENERAL NOTES:**
- REFER TO ELECTRICAL RISER DIAGRAMS ON DRAWING E501 FOR SCOPE OF WORK.
  - REFER TO PANELBOARD SCHEDULES ON DRAWINGS E601 FOR BRANCH CIRCUITING INFORMATION.
  - REFER TO DRAWINGS E700 SERIES FOR DETAILS.
  - EXISTING BUILDING HAS FULL FIRE ALARM COVERAGE CONSISTING OF MANUAL PULL STATIONS, SMOKE DETECTORS, HEAT DETECTORS, HORN/STROBES, STROBES, MAGNETIC DOOR HOLDERS ETC. AREAS OF WORK ONLY SHOWN WITH NECESSARY MODIFICATIONS.
  - REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER.
- WORK NOTES:**
- PROVIDE NEW PUBLIC ADDRESS SYSTEM SPEAKERS THROUGH OUT THE CORRIDOR WITH MIN SPACE OF 30' BETWEEN EACH SPEAKERS. PROVIDE ALL NECESSARY ACCESSORIES IN THE HEADEND LOCATED IN THE MAIN OFFICE. PROVIDE NEW PLENUM RATED P.A WIRING ABOVE HUNG CEILING AND PLENUM RATED WIRING IN EMT IN EXPOSED UNFINISHED AREAS AND PLENUM RATED IN WIREMOLD IN EXPOSED FINISHED AREAS.
  - PROVIDE NEW SMOKE DETECTORS IN THE CORRIDORS AS REQUIRED BY CODE. ALL NEW FIRE ALARM WIRING TO BE CONNECTED TO NEAREST EXISTING LOOPS IN THE AREA.

Revision Schedule		
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SED #: 6618-0001-0005-031

PROJECT

**Rye City School District**  
555 Theodore Fremd Ave, Rye, NY 10580

**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

**HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR POWER AND FA PLAN**

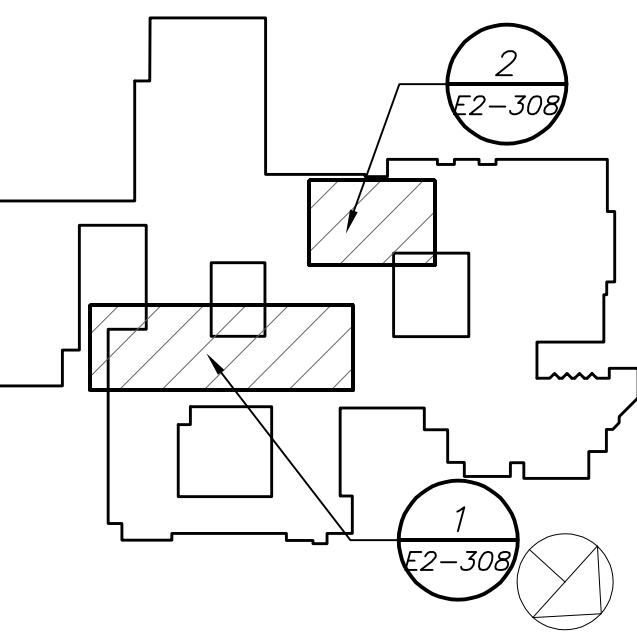
**PROJECT 1 & 4**

SEAL & SIGNATURE	DATE:
	11/07/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-307

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



Revision Schedule		
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SED #: 6618-0001-0005-031

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

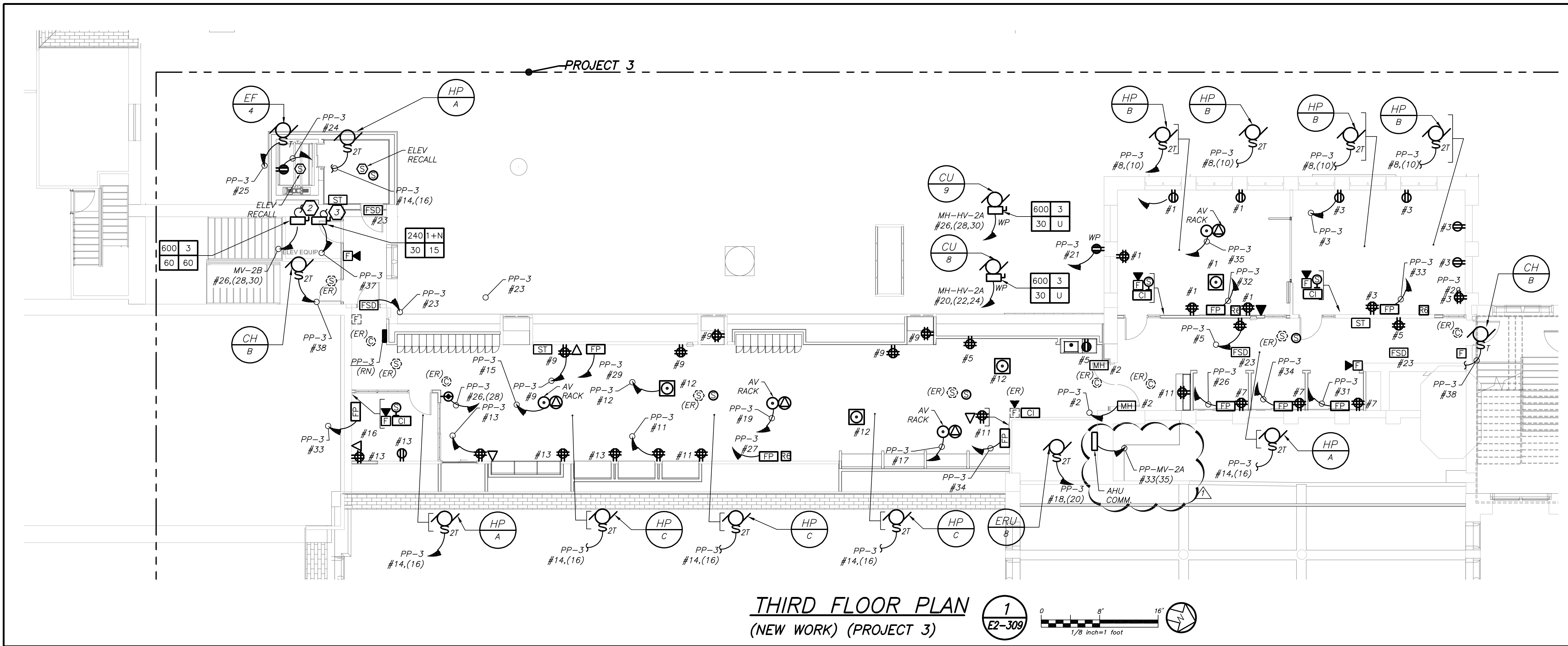
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HIGH SCHOOL & MIDDLE SCHOOL PART THIRD FLOOR AND BASEMENT POWER AND FA PLAN

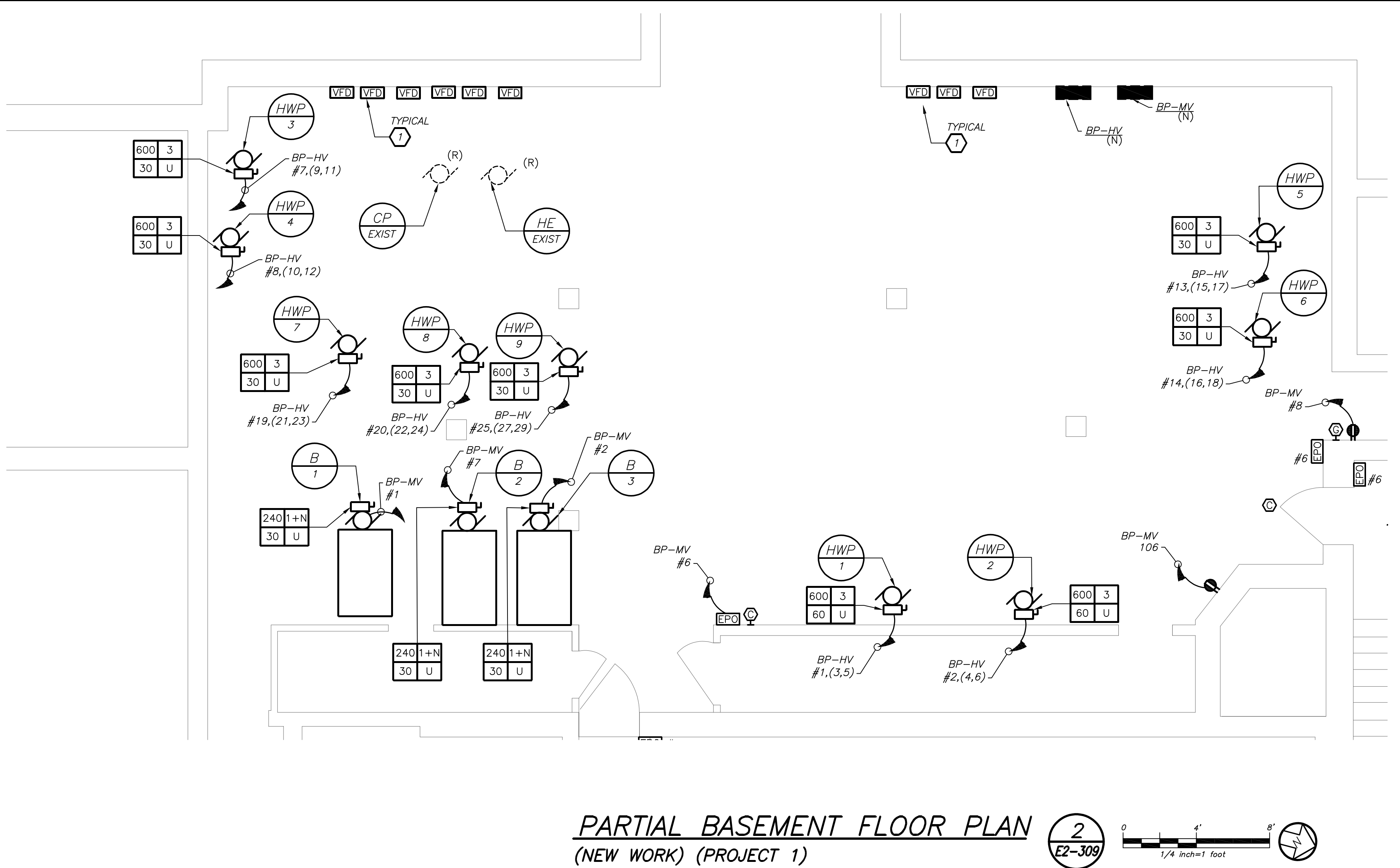
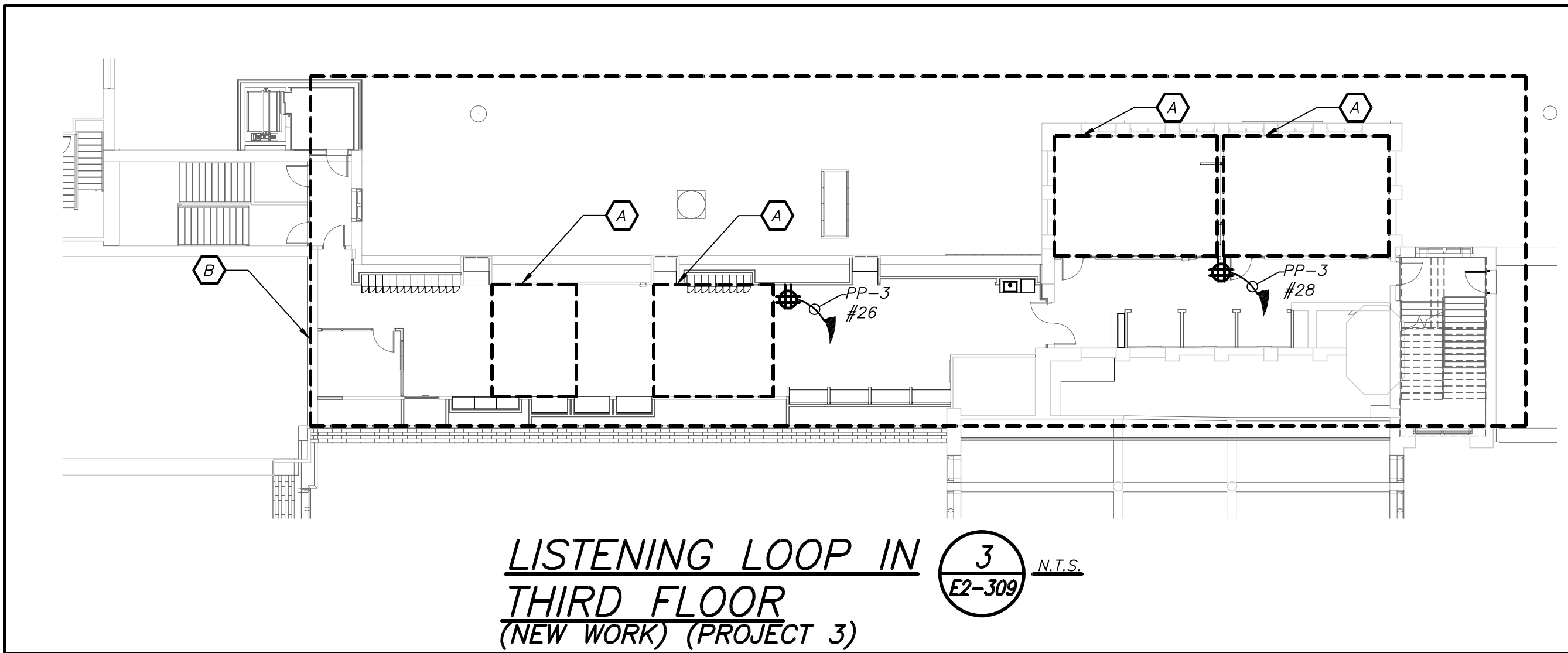
PROJECT 1 & 3

SEAL & SIGNATURE	DATE: 11/07/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-309



**WORK NOTES:**

- ELECTRICAL CONTRACTOR SHALL CHOP UP FLOOR TO PROVIDE TELECOIL LOOP. REFER TO AV DRAWING FOR MORE DETAILS ON SCOPE OF THE LOOP.
- COORDINATE EXACT FINAL MOUNTING LOCATION OF ALL AV RELATED BOXES AND EQUIPMENT WITH AV2 DRAWING AND VENDOR BEFORE THE START OF ANY WORK. DO NOT START INSTALLATION UNTIL YOU HAVE A SIGN OFF FROM SCHOOL DISTRICT AND CONSTRUCTION MANAGER.



**GENERAL NOTES:**

- REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER.
- COORDINATE EXACT FINAL LOCATION OF ALL AV RELATED BOXES AND EQUIPMENT WITH AV2 DRAWING AND VENDOR BEFORE THE START OF ANYWORK. ELECTRICAL CONTRACTOR SHALL NOT START INSTALLATION UNTIL YOU THEY HAVE A SIGN OFF FROM SCHOOL DISTRICT AND CONSTRUCTION MANAGER.

**WORK NOTES:**

- ELECTRICAL CONTRACTOR SHALL CONNECT VFD TO EACH HOT WATER PUMP.
- PROVIDE 2#18 WITH DRY CONTACTS FROM PANEL MH-HV-2B TO DISCONNECT.
- PROVIDE 2#18 WITH DRY CONTACTS FROM PANEL PP-3 TO DISCONNECT.
- PROVIDE RECEPTACLE FOR CHEMICAL FEED, COORDINATE EXACT LOCATION OF RECEPTACLE WITH MECHANICAL CONTRACTOR BEFORE THE START OF ANY WORK.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



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PROJECT

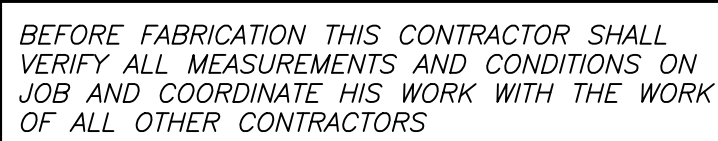
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1 Parsons Street, Rye, New York 10580

PROJECT 1, 2 &amp; 3

REAL & SIGNATURE | DATE: 11/07/19

DATE: 11/07/19  
PROJECT No: 9200  
DRAWING BY: BGA  
CHK BY: BGA  
WG No:  
E2-310



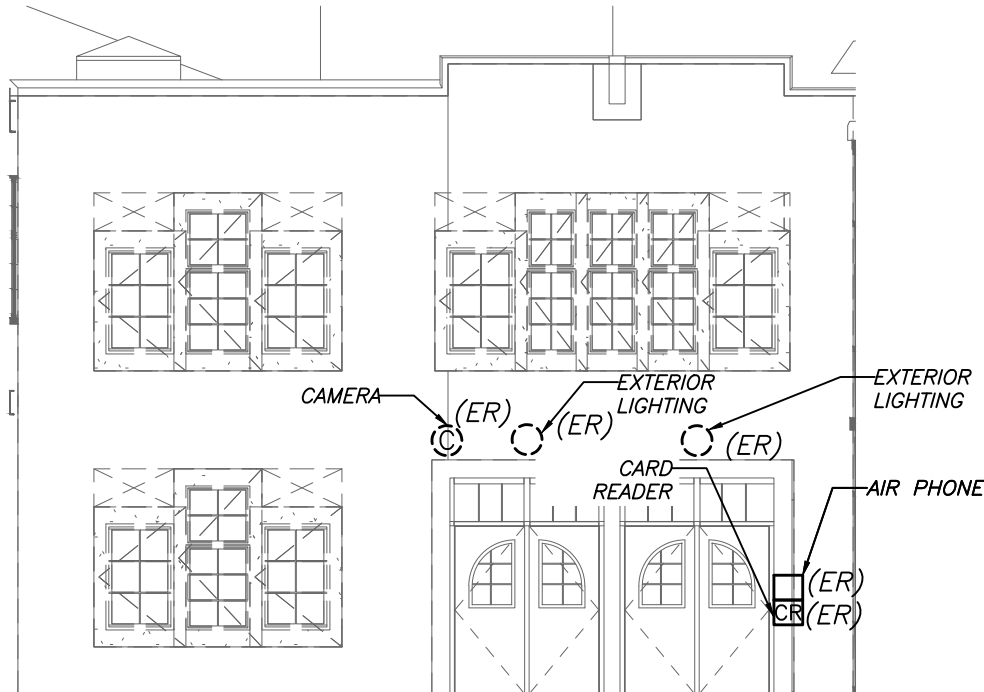




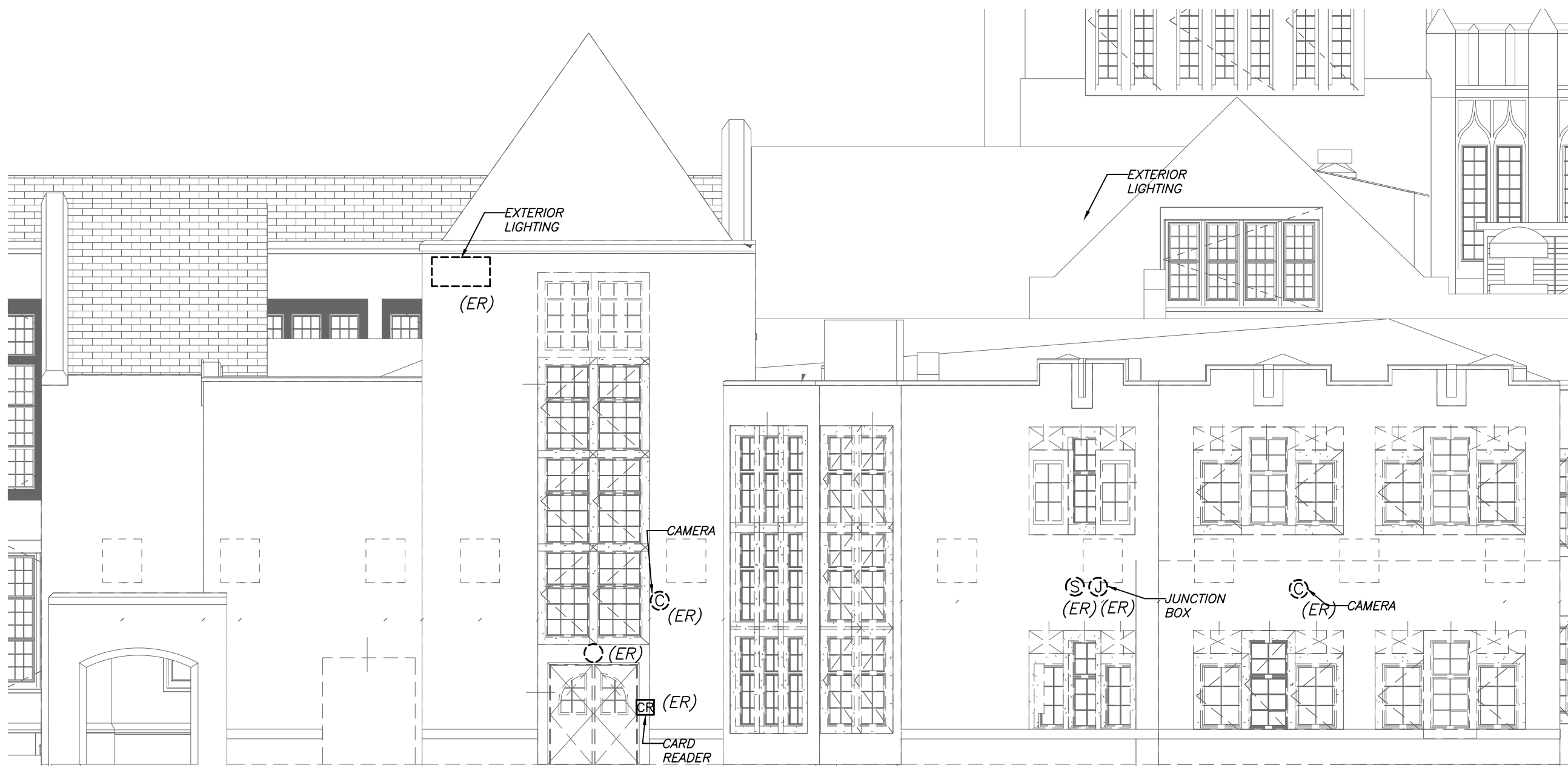
EXTERIOR POWER PLAN (NEW WORK) (PROJECT 4) 4 E2-312



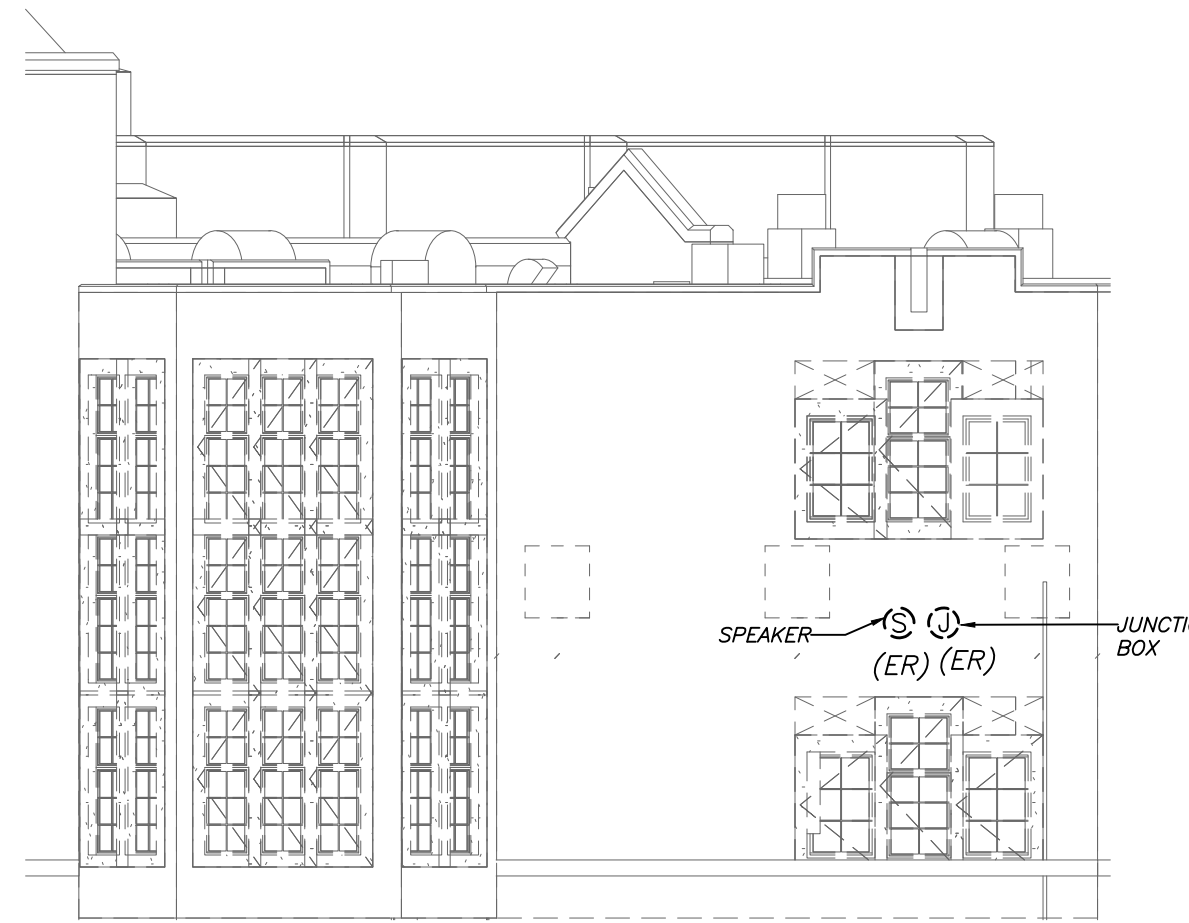
EXTERIOR POWER PLAN (NEW WORK) (PROJECT 4) 1 E2-312



EXTERIOR POWER PLAN (NEW WORK) (PROJECT 4) 5 E2-312

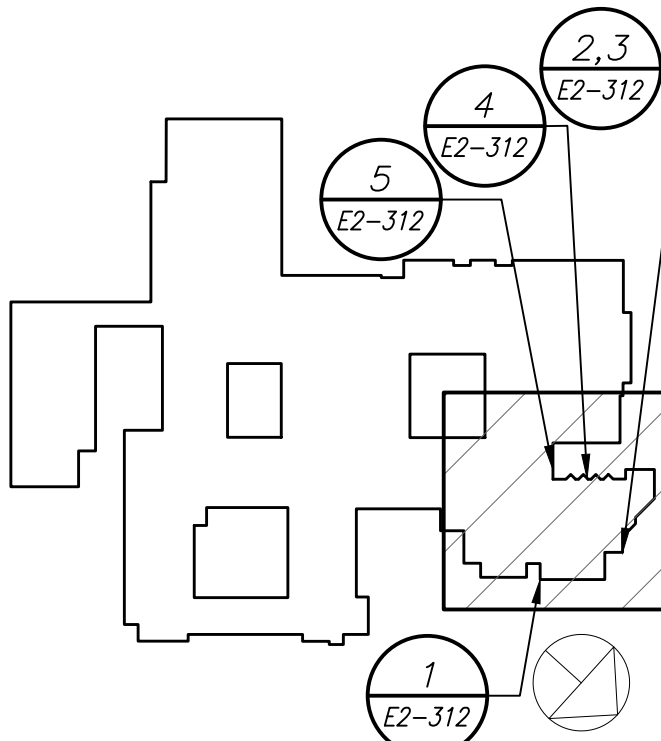


EXTERIOR POWER PLAN (NEW WORK) (PROJECT 4) 2 E2-312



EXTERIOR POWER PLAN (NEW WORK) (PROJECT 4) 3 E2-312

Revision Schedule		
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Acoustic Consultant  
DP DESIGN  
12 Cold Spring Street  
Providence, RI  
401-861-3218

SED #: 6618-0001-0005-031

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL EXTERIOR PLAN

PROJECT 4

SEAL & SIGNATURE	DATE: 11/07/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-312

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



(NEW)			ELECTRICAL PANEL SCHEDULE												(HIGH SCHOOL)		
PNL: 8P4H			MOUNTING: SURFACE			X	MAIN LUGS ONLY			MAIN C BKR:			GROUND BUS:			X	
460Y/277, 3 PHASE, 4 WIRE			(NEMA 1)			FLUSH	DOUBLE LUGS			200A/3P			ISOLATED GROUND BUS:				
22 000MM A.I.C. SYM						IN MCC	FEED THRU LUG			MAIN BUS -			TVSS:				
NEUTRAL: 100%							SHUNT TRIP MAIN			200 A			NUMBER OF POLES:			42	
CKT	TRIP	LOAD	WIRE	CND.	KVA / PHASE				KVA / PHASE	CND.	WIRE	LOAD	TRIP	CKT			
No.	(AMP)			(IN)	A	B	C		A	B	C	(IN)		(AMP)	No.		
1	3	HWP-1	-	-	10.8										3	2	
3	3		380*1810G	3/4		10.8					3/4	380*1810G			3	8	
5	50		-	-			10.8				-	-			50	6	
7	3	HWP-3	-	-	7.21						-	-			7	8	
9	3		3810*1810G	3/4		7.21					3/4	3810*1810G			9	10	
11	30		-	-			7.21				-	-			11	16	
13	3	HWP-5	-	-	7.21						-	-			13	14	
15	3		3810*1810G	3/4		7.21					3/4	3810*1810G			15	16	
17	30		-	-			7.21				-	-			17	18	
19	3	HWP-7	-	-	0.69				0.69		-	-			19	20	
21	3		3812*1812G	3/4		0.69					3/4	3812*1812G			21	22	
23	20		-	-			0.69				-	-			23	24	
25	3	HWP-9	-	-	0.69						-	-			25	26	
27	3		3812*1812G	3/4		0.69					-	-			27	28	
29	20		-	-			0.69				-	-			29	30	
31	20	SPARE	-	-							-	-			31	32	
33	20	SPARE	-	-							-	-			33	34	
35	20	SPARE	-	-							-	-			35	36	
37	20	SPARE	-	-							-	-			37	38	
39	20	SPARE	-	-							-	-			39	40	
41	20	SPARE	-	-							-	-			41	42	
SUBTOTALS					26.6	26.6	26.6		0.7	0.7	0.7		SUBTOTALS				
TOTAL LOADS					27.3 KVA	PHASE A					LIGHTING:				0.00 KVA		
					27.3 KVA	PHASE B					RECEPTACLE:				0.00 KVA		
					27.3 KVA	PHASE C					KITCHEN:				0.00 KVA		
TOTAL CONN. LOAD					82 KVA	99 A					MOTOR:				81.90 KVA		
TOTAL DEMAND LOAD					82 KVA	99 A					POWER:				0.00 KVA		
											TOTAL:				81.90 KVA		

(NEW)

ELECTRICAL PANEL SCHEDULE

(HIGH SCHOOL)

PNL: MP-HV-2A

480Y/277, 3 PHASE, 4 WIRE

65 000MIN A.I.C. 5YM

NEUTRAL, 100%

MOUNTING: SURFACE ☒

(NEMA 1) FLUSH

IN MCC

MAIN LUGS ONLY

DOUBLE LUGS

FEED THRU LUG

SHUNT TRIP MAIN

MAIN C BKR:

800A/3P

MAIN BUS -

800 A

GROUND BUS:

ISOLATED GROUND BUS:

TVSS:

NUMBER OF POLES:

☒

42

CKT	TRIP	LOAD	WIRE	CND. KVA / PHASE					WIRE	LOAD	TRIP	CKT	
				(WJ)	A	B	C	A					B
1	3	CU-8	3#12+1#12C		4.5			16.6		3#4+1#8G	RTU-1	3	2
3	25			3/4		4.5		16.6	3/4			8	6
5	25						4.5		16.6	-		10	8
7	3	CU-9	3#10+1#10C		4.5			16.6		3#4+1#8G	RTU-2	3	8
9	25			3/4		4.5		16.6	3/4			10	12
11	25						4.5		16.6	-		12	8
13	3	CU-6	3#8+1#10C		11.4			7.90		3#8+1#10G	CU-13	3	14
15	50			3/4		11.4		7.90	3/4			16	18
17	50						11.4		7.90	-		35	18
19	3	ERU-6	3#8+1#10G		8.80			11.4		3#8+1#10G	CU-5	3	20
21	35			3/4		8.80		11.4	3/4			22	24
23	35						8.80		11.4	-		50	24
25	20	SPARE	-	-					-	SPARE		26	26
27	20	SPARE	-	-					-	SPARE		28	28
29	20	SPARE	-	-					-	SPARE		30	30
31	20	SPARE	-	-					-	SPARE		32	32
33	20	SPARE	-	-					-	SPARE		34	34
35	20	SPARE	-	-					-	SPARE		36	36
37	20	SPARE	-	-					-	SPARE		38	38
39	20	SPARE	-	-					SEE RISER	TRANSFORMER FOR PP-MV-2A		40	40
41	20	SPARE	-	-					-			350	42

SUBTOTALS

29.2 20.2 29.2

52.5 52.5 52.5

SUBTOTALS

TOTAL LOADS

81.7 KVA PHASE A

81.7 KVA PHASE B

81.7 KVA PHASE C

TOTAL CONN. LOAD

245 KVA 295 A

TOTAL DEMAND LOAD

245 KVA 295 A

LIGHTING:

0.00 KVA

RECEPTACLE:

0.00 KVA

KITCHEN:

0.00 KVA

MOTOR:

245.10 KVA

POWER:

0.00 KVA

TOTAL:


245.10 KVA

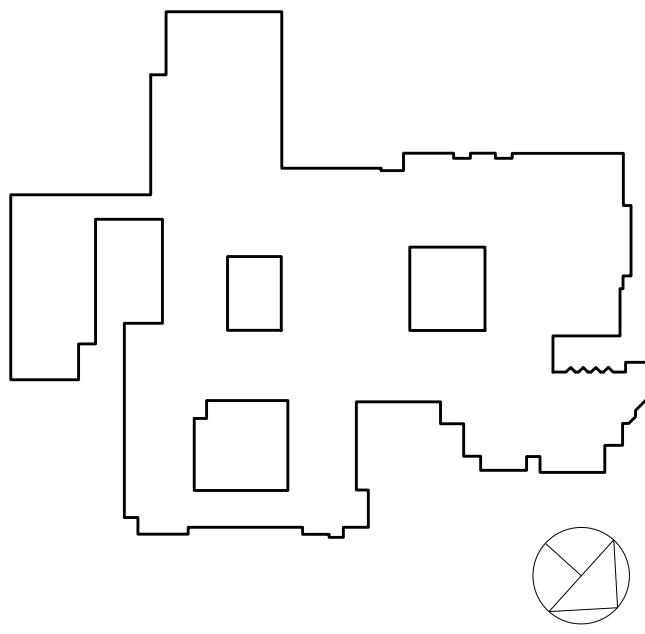
(NEW)

ELECTRICAL PANEL SCHEDULE

PNL- PP-SEC		MOUNTING: SURFACE		X		MAIN LUGS ONLY				MAIN C BKR-		GROUND BUS:				X	
208Y/120, 3 PHASE, 4 WIRE		(NEMA 1)		FLUSH		DOUBLE LUGS				100A/3P		ISOLATED GROUND BUS:					
22 ,000MVA A.C. SYM				IN MCC		FEED THRU LUGS				MAIN BUS -		TVSS:					
NEUTRAL, 100%						SHUNT TRIP MAIN				225 A		NUMBER OF POLES:				42	
CKT	TRIP	LOAD	WIRE	CND.	KVA /PHASE			KVA /PHASE	CND.	WIRE	LOAD	TRIP	CKT				
No.	(AMP)				(IN.)	A	B	C	(IN.)			(AMP)	No.				
1	20	SEC RECEPT	2#12+1#12G	3/4								2	1				
3	20	SEC RECEPT	3/4									4	2				
5	20	SEC RECEPT	2#12+1#12G	3/4								6	3				
6	20	SEC RECEPT	2#12+1#12G	3/4								8	4				
7	20	SEC RECEPT	2#12+1#12G	3/4								10	5				
9	2		2#12+1#12G	3/4		1.04						12	6				
11	15	ERU-3										14	7				
13	20	SPARE	-	-	0.50							16	8				
15	20	SPARE	-	-								18	9				
17	20	SPARE	-	-								20	10				
19	20	SPARE	-	-								22	11				
21	20	SPARE	-	-								24	12				
23	20	SPARE	-	-								26	13				
25	20	SPARE	-	-								28	14				
27	20	SPARE	-	-								30	15				
29	20	SPARE	-	-								32	16				
31	20	SPARE	-	-								34	17				
33	20	SPARE	-	-								36	18				
35	20	SPARE	-	-								38	19				
37	20	SPARE	-	-								40	20				
39	20	SPARE	-	-								42	21				
41	20	SPARE	-	-								44	22				
43	20	SPARE	-	-								46	23				
45	20	SPARE	-	-								48	24				
47	20	SPARE	-	-								50	25				
49	20	SPARE	-	-								52	26				
51	20	SPARE	-	-								54	27				
53	20	SPARE	-	-								56	28				
55	20	SPARE	-	-								58	29				
57	20	SPARE	-	-								60	30				
59	20	SPARE	-	-								62	31				
61	20	SPARE	-	-								64	32				
63	20	SPARE	-	-								66	33				
65	20	SPARE	-	-								68	34				
67	20	SPARE	-	-								70	35				
69	20	SPARE	-	-								72	36				
71	20	SPARE	-	-								74	37				
73	20	SPARE	-	-								76	38				
75	20	SPARE	-	-								78	39				
77	20	SPARE	-	-								80	40				
79	20	SPARE	-	-								82	41				
81	20	SPARE	-	-								84	42				
83	20	SPARE	-	-								86	43				
85	20	SPARE	-	-								88	44				
87	20	SPARE	-	-								90	45				
89	20	SPARE	-	-								92	46				
91	20	SPARE	-	-								94	47				
93	20	SPARE	-	-								96	48				
95	20	SPARE	-	-								98	49				
97	20	SPARE	-	-								100	50				
99	20	SPARE	-	-								102	51				
101	20	SPARE	-	-								104	52				
103	20	SPARE	-	-								106	53				
105	20	SPARE	-	-								108	54				
107	20	SPARE	-	-								110	55				
109	20	SPARE	-	-								112	56				
111	20	SPARE	-	-								114	57				
113	20	SPARE	-	-								116	58				
115	20	SPARE	-	-								118	59				
117	20	SPARE	-	-								120	60				
119	20	SPARE	-	-								122	61				
121	20	SPARE	-	-								124	62				
123	20	SPARE	-	-								126	63				
125	20	SPARE	-	-								128	64				
127	20	SPARE	-	-								130	65				
129	20	SPARE	-	-								132	66				
131	20	SPARE	-	-								134	67				
133	20	SPARE	-	-								136	68				
135	20	SPARE	-	-								138	69				
137	20	SPARE	-	-								140	70				
139	20	SPARE	-	-								142	71				
141	20	SPARE	-	-								144	72				
143	20	SPARE	-	-								146	73				
145	20	SPARE	-	-								148	74				
147	20	SPARE	-	-								150	75				
149	20	SPARE	-	-								152	76				
151	20	SPARE	-	-								154	77				
153	20	SPARE	-	-								156	78				
155	20	SPARE	-	-								158	79				
157	20	SPARE	-	-								160	80				
159	20	SPARE	-	-								162	81				
161	20	SPARE	-	-								164	82				
163	20	SPARE	-	-								166	83				
165	20	SPARE	-	-								168	84				
167	20	SPARE	-	-								170	85				
169	20	SPARE	-	-								172	86				
171	20	SPARE	-	-								174	87				
173	20	SPARE	-	-								176	88				
175	20	SPARE	-	-								178	89				
177	20	SPARE	-	-								180	90				
179	20	SPARE	-	-								182	91				
181	20	SPARE	-	-								184	92				
183	20	SPARE	-	-								186	93				
185	20	SPARE	-	-								188	94				
187	20	SPARE	-	-								190	95				
189	20	SPARE	-	-								192	96				
191	20	SPARE	-	-								194	97				
193	20	SPARE	-	-								196	98				
195	20	SPARE	-	-								198	99				
197	20	SPARE	-	-								200	100				
199	20	SPARE	-	-								202	101				
201	20	SPARE	-	-								204	102				
203	20	SPARE	-	-								206	103				
205	20	SPARE	-	-								208	104				
207	20	SPARE	-	-								210	105				
209	20	SPARE	-	-								212	106				
211	20	SPARE	-	-								214	107				
213	20	SPARE	-	-								216	108				
215	20	SPARE	-	-								218	109				
217	20	SPARE	-	-								220	110				
219	20	SPARE	-	-								222	111				
221	20	SPARE	-	-								224	112				
223	20	SPARE	-	-								226	113				
225	20	SPARE	-	-								228	114				
227	20	SPARE	-	-								230	115				
229	20	SPARE	-	-								232	116				
231	20	SPARE	-	-								234	117				
233	20	SPARE	-	-								236	118				
235	20	SPARE	-	-								238	119				
237	20	SPARE	-	-								240	120				
239	20	SPARE	-	-								242	121				
241	20	SPARE	-	-								244	122				
243	20	SPARE	-	-								246	123				
245	20	SPARE	-	-								248	124				
247	20	SPARE	-	-								250	125				
249	20	SPARE	-	-								252	126				
251	20	SPARE	-	-								254	127				
253	20	SPARE	-	-								256	128				
255	20	SPARE	-	-								258	129				
257	20	SPARE	-	-								260	130				
259	20	SPARE	-	-								262	131				
261	20	SPARE	-	-								264	132				
263	20	SPARE	-	-								266	133				
265	20	SPARE	-	-								268	134				
267	20	SPARE	-	-								270	135				
269	20	SPARE	-	-								272	136				
271	20	SPARE	-	-								274	137				
273	20	SPARE	-	-								276	138				
275	20	SPARE	-	-								278	139				
277	20	SPARE	-	-								280	140				
279	20	SPARE	-	-								282	141				
281	20	SPARE	-	-								284	142				
283	20	SPARE	-	-								286	143				
285	20	SPARE	-	-								288	144				
287	20	SPARE	-	-								290	145				
289	20	SPARE	-	-								292	146				
291	20	SPARE	-	-								294	147				
293	20	SPARE	-	-								296	148				
295	20	SPARE	-	-								298	149				
297	20	SPARE	-	-													

LIGHTING FIXTURE SCHEDULE					
TYPE	MOUNTING	LAMPS	DESCRIPTION	MANUFACTURER & CAT.#	
R1	CEILING RECESSED MOUNTED	31 WATTS LED UNV	2X2 RECESSED FIXTURES - 4000 LUMENS, 3500K COLOR TEMP. 80 CRI. WITH DRYWALL ADAPTER	MANUFACTURER: LITHONIA LIGHTING EPANL-2X2-4000LM-80CRI-35K- MINI-21-MVOLT-E10WCP-LSGA2	
R1	EM	CEILING RECESSED MOUNTED	31 WATTS LED UNV	SAME AS FIXTURE "R1" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
R2	CEILING RECESSED MOUNTED	46 WATTS LED UNV	2X2 RECESSED FIXTURES - 4800 LUMENS, 3500K COLOR TEMP. WITH GRID ADAPTOR.	MANUFACTURER: MARK LIGHTING WHSRP-2X2-90CRI-35K-4800LM-MINI -MVOLT-SWC	
R2	EM	CEILING RECESSED MOUNTED	46 WATTS LED UNV	SAME AS FIXTURE "R2" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
R4	CEILING RECESSED MOUNTED	10 WATTS LED UNV	6" SQUARE DOWNLIGHT. 1000 LUMENS, 3500K COLOR TEMP.	MANUFACTURER: CALIBER PLUS 6SLBV-10-35K-E1-DA	
R4	EM	CEILING RECESSED MOUNTED	10 WATTS LED UNV	SAME AS FIXTURE "R4" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
R4B	CEILING RECESSED MOUNTED	20 WATTS LED UNV	6" SQUARE DOWNLIGHT. 1000 LUMENS, 3500K COLOR TEMP.	MANUFACTURER: CALIBER PLUS 6SLBV-20-35K-E1-DA	
R4B	EM	CEILING RECESSED MOUNTED	20 WATTS LED UNV	SAME AS FIXTURE "R4B" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
R5	CEILING RECESSED MOUNTED	10 WATTS LED UNV	6" SQUARE DOWNLIGHT. 1000 LUMENS, 3500K COLOR TEMP.	MANUFACTURER: CALIBER PLUS 6SLBV-10-35K-E1-DA	
R5	EM	CEILING RECESSED MOUNTED	10 WATTS LED UNV	SAME AS FIXTURE "R5" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
R8	CEILING RECESSED MOUNTED	14 WATTS LED UNV	4" ROUND RECESSED DOWNLIGHT.STATIC WHITE FINISH. 80 CRI. 3500 COLOR TEMPERATURE.	MANUFACTURER: LUMENWERX V0ARR-0F-ADJ-UNV-14W-D1--V04 -3W-60-2-80-35-LS-V04RRB-SDL- SR-TNW-TRM-TNW	
R8	EM	CEILING RECESSED MOUNTED	14 WATTS LED UNV	SAME AS FIXTURE "R8" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
R9	CEILING RECESSED MOUNTED	12 WATTS LED UNV	15/16" 35K COLOR TEMPERATURE. 80 CRI.	MANUFACTURER: TBAR FLEX MODEL #TBLF-MW-22-24-D-A-W	
R9	EM	CEILING RECESSED MOUNTED	12 WATTS LED UNV	SAME AS FIXTURE "R9" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
R10	SURFACE RECESSED MOUNTED	1.4 W/FT LED 24V	FLEXIBLE LIGHTING SYSTEM. 80 LUMENS PER FOOT. 35K COLOR TEMPERATURE. 80 CRI.	MANUFACTURER: KELVIX SW1-SEE PLAN-35K-E-S-IP67	
R10	EM	SURFACE RECESSED MOUNTED	1.4 W/FT LED 24V	SAME AS FIXTURE "R10" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
P1	CEILING PENDANT MOUNTED	50 WATTS LED UNV	8' PENDENT DIRECT/INDIRECT FIXTURE. 500 LUMENS PER FOOT UP 600 LUMENS PER FOOT DOWN. 35K COLOR TEMPERATURE. 80 CRI. 8 FEET LONG.	MANUFACTURER: AXIS LIGHTING STLD-8-SLI-500-DML-600-80-35 -W-UNV	
P1	EM	CEILING PENDANT MOUNTED	50 WATTS LED UNV	SAME AS FIXTURE "P1" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
P2	CEILING PENDANT MOUNTED	50 WATTS LED UNV	6' PENDENT DIRECT/INDIRECT FIXTURE. 500 LUMENS PER FOOT UP 600 LUMENS PER FOOT DOWN. 35K COLOR TEMPERATURE. 80 CRI. 6 FEET LONG.	MANUFACTURER: AXIS LIGHTING STLD-6-SLI-500-DML-600-80-35 -W-UNV	
P2	EM	CEILING PENDANT MOUNTED	50 WATTS LED UNV	SAME AS FIXTURE "P2" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
P3	CEILING PENDANT MOUNTED	35 WATTS LED UNV	4'PENDENT DIRECT/INDIRECT FIXTURE. 500 LUMENS PER FOOT UP 600 LUMENS PER FOOT DOWN. 35K COLOR TEMPERATURE. 80 CRI. 4 FEET LONG.	MANUFACTURER: AXIS LIGHTING STLD-4-SLI-500-DML-600-80-35 -W-UNV	
P3	EM	CEILING PENDANT MOUNTED	35 WATTS LED UNV	SAME AS FIXTURE "P3" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
P4	CEILING PENDANT MOUNTED	87 WATTS LED UNV	CONTINUOUS LINEAR SLOT DIRECT/INDIRECT WALL LIGHT. 400 LUMENS PER FOOT DIRECT AND 600 LUMENS PER FOOT INDIRECT. 35K COLOR TEMPERATURE. 90 CRI. LENGTHS AS PER PLAN	MANUFACTURER: MARK LIGHTING SLIDP-OPP-PER PLAN-90CRI-35K- 200LMF-90CRI-135K-400LMF-MINI-1 MVOLT-WHT-36A-RDCY-WHTCY-WCRD	
P4	EM	CEILING PENDANT MOUNTED	87 WATTS LED UNV	SAME AS FIXTURE "P4" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
P5-B	CEILING PENDANT MOUNTED	45 WATTS LED UNV	20" DIAMETER X 5" HEIGHT. GREEN IN COLOR. WHITE FINISH. SINGLE STEM MOUNT. NICKEL TONE STEM FINISH 35K COLOR TEMPERATURE.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K	
P5-B	EM	CEILING PENDANT MOUNTED	45 WATTS LED UNV	SAME AS FIXTURE "P5-B" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
P5-W	CEILING PENDANT MOUNTED	45 WATTS LED UNV	20" DIAMETER X 5" HEIGHT. WHITE IN COLOR. WHITE FINISH. SINGLE STEM MOUNT. NICKEL TONE STEM FINISH 35K COLOR TEMPERATURE.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-WH-SSM-N T-35K	
P5-W	EM	CEILING PENDANT MOUNTED	45 WATTS LED UNV	SAME AS FIXTURE "P5-W" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
P5-G	CEILING PENDANT MOUNTED	45 WATTS LED UNV	20" DIAMETER X 5" HEIGHT. GREEN IN COLOR. WHITE FINISH. SINGLE STEM MOUNT. NICKEL TONE STEM FINISH 35K COLOR TEMPERATURE.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K	
P5-G	EM	CEILING PENDANT MOUNTED	45 WATTS LED UNV	SAME AS FIXTURE "P5-G" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
P6	CEILING PENDANT MOUNTED	3 WATTS LED UNV	DECORATIVE PENDENT - CYLINDER DIFFUSER. 9" STEM LENGTH. 35K COLOR TEMPERATURE. BRUSHED ALUMINUM FINISH.	MANUFACTURER: ACUTY BRANDS- HEALTHCARE LIGHTING #HPPI-9ST-MVOLT-CYL-LRG-35K-ZT- MINS-INT-BA	
P6	EM	CEILING PENDANT MOUNTED	3 WATTS LED UNV	SAME AS FIXTURE "P6" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	
WM1	SURFACE WALL MOUNTED	20 WATTS LED UNV	8' LINEAR SLOT INDIRECT WALL LIGHT. 400 LUMENS PER FOOT. 35K COLOR TEMPERATURE. 90 CRI.	MANUFACTURER: MARK LIGHTING MODEL #51LW-LP-8FT-MSLB-90CRI- 135K-1400LMF-MINI-MVOLT-WHT-ZT-DCF	
WM1	EM	SURFACE WALL MOUNTED	20 WATTS LED UNV	SAME AS FIXTURE "WM1" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	

Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2 	02/05/2021



Geddis  
Architects

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Architecture. Planning. Interiors

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Transforming Education by Design

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SED #: 6618-0001-0005-031

PROJECT  
Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle  
School

1 Parsons Street, Rye, New York 10580

## HIGH SCHOOL & MIDDLE SCHOOL ELECTRICAL SCHEDULES

SEAL & SIGNATURE	DATE: 11/07/11
	PROJECT No: 920
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-601

<b>(NEW) ELECTRICAL PANEL SCHEDULE</b>										<b>(HIGH SCHOOL)</b>			
PNL: PP-3		MOUNTING: SURFACE		X		MAIN LUGS ONLY		MAIN C BKR:		GROUND BUS:		X	
208Y/120, 3 PHASE, 4 WIRE		(NEMA 1)		FLUSH		DOUBLE LUGS		400A-3P		ISOLATED GROUND BUS:			
42 000MIN A.I.C. SYM				IN MCC		FEED THRU LUG		MAIN BUS -		TVSS:			
NEUTRAL: 100%						SHUNT THRU MAIN		400 A		NUMBER OF POLES:		42	
CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA / PHASE A B C	KVA / PHASE A B C	CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.		
1	20	ROOM RECEPT	2#12+1#12G	3/4	1.62		0.50	3/4	2#12+1#12G	MAG HOLDERS	20	2	
3	20	ROOM RECEPT	2#12+1#12G	3/4	1.62		0.97	3/4	2#12+1#12G	LEARNING SUITE	20	4	
5	20	CORRIDOR RECEPT	2#12+1#12G	3/4		1.62	1.00	3/4	2#12+1#12G	CORRIDOR	20	6	
7	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.44		0.21	3/4	2#12+1#12G	HP-A, B	20	8	
9	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.20		0.21	-	-	-	20	10	
11	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.08		1.00	3/4	2#12+1#12G	CORRIDOR RECEPT	20	12	
13	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.20		0.21	3/4	2#12+1#12G	HP-A,C	2	14	
15	20	AV RACK	2#12+1#12G	3/4	1.00		0.21	-	-	-	20	16	
17	20	AV RACK	2#12+1#12G	3/4	1.00		1.90	3/4	2#12+1#12G	ERU-8	2	18	
19	20	AV RACK	2#12+1#12G	3/4	1.00		1.90	-	-	-	25	20	
21	20	OUTDOOR RECEPT	2#12+1#12G	3/4	1.00		0.80	3/4	2#12+1#12G	ELEV SHAFT LFT	20	22	
23	20	FSD	2#12+1#12G	3/4		0.50	0.18	3/4	2#12+1#12G	ELEV SHAFT POWER	20	24	
25	20	EF-4	2#12+1#12G	3/4	0.50		1.00	3/4	2#12+1#12G	TELECOIL	2	26	
27	20	FLAT PANEL	2#12+1#12G	3/4	1.00		1.00	-	-	-	20	28	
29	20	FLAT PANEL	2#12+1#12G	3/4		1.00	1.00	3/4	2#12+1#12G	FLAT PANEL	20	30	
31	20	FLAT PANEL	2#12+1#12G	3/4	1.00		1.00	3/4	2#12+1#12G	FLAT PANEL	20	32	
33	20	FLAT PANEL	2#12+1#12G	3/4	1.00		1.00	3/4	2#12+1#12G	FLAT PANEL	20	34	
35	20	AV RACK	2#12+1#12G	3/4	1.00		1.00	3/4	2#12+1#12G	FLAT PANEL	20	36	
37	20	Elev CAB LIGHTING	2#12+1#12G	3/4	0.50		0.50	3/4	2#12+1#12G	CH-A	20	38	
39	20	SPARE	-	-	-		-	-	-	SPARE	20	40	
41	20	SPARE	-	-	-		-	-	-	SPARE	20	42	
SUBTOTALS					7.26 6.82 6.20	5.32 4.19 6.08					SUBTOTALS		
TOTAL LOADS					11.6 KVA PHASE A	LIGHTING:					2.77 KVA		
					12.0 KVA PHASE B	RECEPTACLE:					11.08 KVA		
					12.3 KVA PHASE C	KITCHEN:					0.00 KVA		
TOTAL CONN. LOAD					35.9 KVA ### A	MOTOR:					5.14 KVA		
TOTAL DEMAND LOAD					35.3 KVA 98.0 A	POWER:					16.88 KVA		
						TOTAL:					35.87 KVA		

[illegible]

(NEW)

ELECTRICAL PANEL SCHEDULE

PNL: MP-HV-1A

480V/277, 3 PHASE, 4 WIRE

65 000MVA A.I.C. SYM

NEUTRAL: 100%

MOUNTING

SURFACE

FLUSH

IN MCC

X

MAIN LUGS ONLY

DOUBLE LUGS

FEED THRU LUG

SHUNT TRIP MAIN

MAIN C BKR-

800A/3P

MAIN BUS -

800 A

GROUND BUS:

ISOLATED GROUND BUS:

TVSS:


NUMBER OF POLES:

X

42

CKT	TRIP	LOAD	WIRE	CND.	KVA / PHASE			KVA / PHASE			CND.	WIRE	LOAD	TRIP	CK	
No.	(AMP)				A	B	C	A	B	C	(IN.)		(AMP)	No.		
1	3		-	-	12.0			3.50	-	-	-	-		3	2	
3		BP-HV	4K30+1#6G	-	12.0			3.50	3/4	3#10+1#10G	-	CU-8		4	4	
5	200		-	-			12.0		3.50	-	-			5	6	
7	3		-	-	24.0			3.50	-	-	-			7	8	
9		RTU-1	3#30+1#6G	2		24.0			3.50	3/4	3#10+1#10G	-	CU-9		9	10
11	200		-	-			24.0			3.50	-	-		11	12	
13	3		-	-	24.0				-	-	-	SPARE		13	14	
15		RTU-2	3#30+1#6G	2		24.0			-	-	-	SPARE		15	16	
17	200		-	-			24.0		-	-	-	SPARE		17	18	
19	20	SPARE	-	-	-	-	-		-	-	-	SPARE		19	20	
21	20	SPARE	-	-	-	-	-		-	-	-	SPARE		21	22	
23	20	SPARE	-	-	-	-	-		-	-	-	SPARE		23	24	
25	20	SPARE	-	-	-	-	-		-	-	-	SPARE		25	26	
27	20	SPARE	-	-	-	-	-		-	-	-	SPARE		27	28	
29	20	SPARE	-	-	-	-	-		-	-	-	SPARE		29	30	
31	20	SPARE	-	-	-	-	-		-	-	-	SPARE		31	32	
33	20	SPARE	-	-	-	-	-		-	-	-	SPARE		33	34	
35	20	SPARE	-	-	-	-	-		-	-	-	SPARE		35	36	
37	20	SPARE	-	-	-	-	-		-	-	-	SPARE		37	38	
39	20	SPARE	-	-	-	-	-		-	-	-	SPARE		39	40	
41	20	SPARE	-	-	-	-	-		-	-	-	SEE RISER	TRANSFORMER FOR PP-MV-A	41	42	
SUBTOTALS					60.0	60.0	60.0	7.00	7.00	7.00	SUBTOTALS					
TOTAL LOADS					67.0	KVA	PHASE A	LIGHTING:				0.00	KVA			
					67.0	KVA	PHASE B	RECEPTACLE:				0.00	KVA			
					67.0	KVA	PHASE C	KITCHEN:				0.00	KVA			
TOTAL CONN. LOAD			201	KVA	242	A	MOTOR:				165.00	KVA				
TOTAL DEMAND LOAD			201	KVA	242	A	POWER:				36.00	KVA				
							TOTAL:				201.00	KVA				

(NEW) ELECTRICAL PANEL SCHEDULE														(HIGH SCHOOL)									
PNL: BP-MV 200Y/120, 3 PHASE, 4 WIRE 22 .000MIN A.C. SYM NEUTRAL: 100%				MOUNTING: SURFACE (NEMA 1)		X FLUSH IN MCC		MAIN LUGS ONLY DOUBLE LUGS FEED THRU LUG SHUNT TRIP MAIN				MAIN C BKR- 100A,3P MAIN BUS - 100 A		GROUND BUS: ISOLATED GROUND BUS: TVSS: NUMBER OF POLES: 24									
CKT		TRIP		LOAD		WIRE		CND.		KVA / PHASE		CND.		WIRE		LOAD		TRIP		CK			
No.		(AMP)						(IN.)		A B C		A B C (N.)						(AMP)		No.			
1	30	BOILER 1		2#10+1#10G		3/4	2.40							2.40		3/4	2#10+1#10G	SHUNT TRIP		30	2		
3		SHUNT TRIP																			4		
6	20	SPARE		-		-									0.40	3/4	2#12+1#12G	EPO		20	6		
7	20	BOILER 2		2#10+1#10G		3/4	2.40							0.40		3/4	2#12+1#12G	GAS DETECTOR		20	8		
9		SHUNT TRIP												1.00		3/4	2#12+1#12G	CHEMICAL FEED		20	10		
11	20	SPARE		-		-								-	-			SPARE		20	12		
13	20	SPARE		-		-								-	-			SPARE		20	14		
15	20	SPARE		-		-								-	-			SPARE		20	16		
17	20	SPARE		-		-								-	-			SPARE		20	18		
19	20	SPARE		-		-								-	-			SPARE		20	20		
21	20	SPARE		-		-								-	-			SPARE		20	22		
23	20	SPARE		-		-								-	-			SPARE		20	24		
SUBTOTALS								4.80		0.00		0.00		2.80		1.00		0.40		SUBTOTALS			
TOTAL LOADS								7.6		KVA		PHASE A						LIGHTING:		0.00		KVA	
								1.0		KVA		PHASE B						RECEPTACLE:		1.40		KVA	
								0.4		KVA		PHASE C						KITCHEN:		0.00		KVA	
TOTAL CONN. LOAD								9.0		KVA		25.0		A				MOTOR:		4.80		KVA	
TOTAL DEMAND LOAD								9.0		KVA		25.0		A				POWER:		2.80		KVA	
																		TOTAL:		9.00		KVA	

	WM2	SURFACE MOUNT
	WM2 EM	SURFACE MOUNT
	WM3	WALL MOUNT
	WM3 EM	WALL MOUNT
	WM4	WALL MOUNT
	WM4 EM	WALL MOUNT
	WM5	SURFACE MOUNT
	WM5 EM	SURFACE MOUNT
	S EM	SURFACE MOUNT

1" LED 24V	TEMPERATURE.	MODEL #LLI-ANG-S-F-4.4-35K-24V-
4.4 W/FT LED 24V	SAME AS FIXTURE "WM2" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: LLI LIGHTING MODEL #LLI-ANG-S-F-4.4-35K-24V-
51 WATTS LED 120	WALL MOUNTED LLED TYPE LIGHTING. NARROW OPTIC REFLECTOR. 5000 LUMENS, 80 CRI-4000K COLOR TEMPERATURE. MATTE SILVER FINISH	MANUFACTURER: LUMINIS MODEL #S0602-L2L25-R15-120-MST-2535
51 WATTS LED 120	SAME AS FIXTURE "WM3" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: LUMINIS MODEL #S0602-L2L25-R15-120-MST-2535
12WATTS LED UNV	WALL MOUNT LED SCANCE. FROSTED FINISH. 80 CRI. 35K COLOR TEMPERATURE. 534 LUMENS. 0-10V DIMMING. BLACK INNER FINISH METALLIC GOLD OUTER FINISH.	MANUFACTURER: BROWNLEE LIGHTING MODEL #1572-BL-B12-MG-35K
16 WATTS LED 120	SAME AS FIXTURE "WM4" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: BROWNLEE LIGHTING MODEL #1572-BL-B12-MG-35K
87 WATTS LED UNV	LED COVE TAPE LIGHT REMOTE DRIVER. DIMMABLE FIXTURE.	MANUFACTURER: KELVIX LED TAPE MODEL #SE-30K-300-24V
87 WATTS LED UNV	SAME AS FIXTURE "WM5" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: KELVIX LED TAPE MODEL #SE-30K-300-24V
40 WATTS LED UNV	4' STIP LIGHTING. 4000 LUMENS, 400K COLOR TEMPERATURE. 0-10V DIMMING. CONNECTED TO EMERGENCY CIRCUIT.	MANUFACTURER: COLUMBIA LIGHTING MODEL #CSLA-4040

BEFORE FABRICATION THIS CONTRACTOR SHALL  
VERIFY ALL MEASUREMENTS AND CONDITIONS ON  
JOB AND COORDINATE HIS WORK WITH THE WORK  
OF ALL OTHER CONTRACTORS

WM2	SURFACE MOUNTED	4.4 W/FT LED 24V	LINEAR ANGLED EXTRUSION LED. 35K COLOR TEMPERATURE.	MANUFACTURER: LLI LIGHTING MODEL #LLI-ANG-S-F-4.4-35K-24V-
WM2 EM	SURFACE MOUNTED	4.4 W/FT LED 24V	SAME AS FIXTURE "WM2" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: LLI LIGHTING MODEL #LLI-ANG-S-F-4.4-35K-24V-
WM3	WALL MOUNTED	51 WATTS LED 120	WALL MOUNTED LLED TYPE LIGHTING. NARROW OPTIC REFLECTOR. 5000 LUMENS, 80 CRI-4000K COLOR TEMPERATURE. MATTE SILVER FINISH	MANUFACTURER: LUMINIS MODEL #S0602-L2L2S-R15-120-MST-2635
WM3 EM	WALL MOUNTED	51 WATTS LED 120	SAME AS FIXTURE "WM3" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: LUMINIS MODEL #S0602-L2L2S-R15-120-MST-2635
WM4	WALL MOUNTED	12WATTS LED UNV	WALL MOUNT LED SCONCE, FROSTED FINISH. 80 CRI. 35K COLOR TEMPERATURE. 5.4 LUMENS -0-10V DIMMING. BLACK INNER FINISH METALLIC GOLD OUTER FINISH.	MANUFACTURER: BROWNLEE LIGHTING MODEL #1572-BL-B12-MG-35K
WM4 EM	WALL MOUNTED	16 WATTS LED 120	SAME AS FIXTURE "WM4" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: BROWNLEE LIGHTING MODEL #1572-BL-B12-MG-35K
WM5	SURFACE MOUNTED	87 WATTS LED UNV	LED COVE TAPE LIGHT REMOTE DRIVER. DIMMABLE FIXTURE.	MANUFACTURER: KELVIK LED TAPE MODEL #SE-30K-300-24V
WM5 EM	SURFACE MOUNTED	87 WATTS LED UNV	SAME AS FIXTURE "WM5" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: KELVIK LED TAPE MODEL #SE-30K-300-24V
S EM	SURFACE MOUNTED	40 WATTS LED UNV	4" STRIP LIGHTING, 4000 LUMENS, 400K COLOR TEMPERATURE. 0-10V DIMMING. CONNECTED TO EMERGENCY CIRCUIT.	MANUFACTURER: COLUMBIA LIGHTING MODEL #CSLA-4040
EM Z2	WALL MOUNTED	70W LED UNV	WALL MOUNTED QUARTERSPHERE ARCHITECTURAL WALLPACK EXTERIOR LIGHT FIXTURE WITH BUTTON PHOTO CONTROL, PROGRAMMABLE OCCUPANCY SENSOR AND EM BATTERY BACK UP. 4000K COLOR TEMPERATURE. MOUNTED AS DIRECTED BY OWNER.	MANUFACTURER: HUBBELL OSP2-32L-40-4K7-3-U-BLT -PC-SCP-EM
EM Z1	WALL MOUNTED	70W LED UNV	WALL MOUNTED QUARTERSPHERE ARCHITECTURAL WALLPACK EXTERIOR LIGHT FIXTURE. 4000K COLOR TEMPERATURE. MOUNTED AS DIRECTED BY OWNER.	MANUFACTURER: HUBBELL OSP2-32L-40-4K7-3-U-BLT
EX	SURFACE WALL/CEILING MOUNTED	1-5W 120V	L.E.D. TYPE EXIT LIGHT. STEEL HOUSING. NUMBER OF PATHS AND DIRECTIONAL ARROWS AS INDICATED ON PLANS. SELF POWERED MODEL WITH 90 MINUTE EMERGENCY BATTERY PACK.	MANUFACTURER: ENCORE LIGHTING CAT.#LSE-8-R-PER DWG

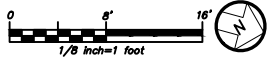
P4	CEILING PENDANT MOUNTED	87 WATTS LED UNV	CONTINUOUS LINEAR SLOT DIRECT/INDIRECT WALL LIGHT. 400 LUMENS PER FOOT DIRECT AND 600 LUMENS PER FOOT INDIRECT. 35K COLOR TEMPERATURE. 90 CRI. LENGTHS AS PER PLAN	MANUFACTURER: MARK LIGHTING SLIDUP--OPP--PER PLAN--90CRI--35K--200LMF--90CRI--35K--400LMF--MIN1--1MVOLT--WHT--36A--ROCTY--WHICY--WCRD
P4-EM	CEILING PENDANT MOUNTED	87 WATTS LED UNV	SAME AS FIXTURE "P4" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: MARK LIGHTING SLIDUP--OPP--XKT--90CRI--35K--200LMF--90CRI--135K--400LMF--MIN1--1MVOLT--WHT--36A--ROCTY--WHICY--WCRD
P5-B	CEILING PENDANT MOUNTED	45 WATTS LED UNV	20" DIAMETER X 5" HEIGHT. GREEN IN COLOR. WHITE FINISH. SINGLE STEM MOUNT. NICKEL TONE STEM FINISH 35K COLOR TEMPERATURE.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K
P5-B-EM	CEILING PENDANT MOUNTED	45 WATTS LED UNV	SAME AS FIXTURE "P5-B" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K
P5-W	CEILING PENDANT MOUNTED	45 WATTS LED UNV	20" DIAMETER X 5" HEIGHT. WHITE IN COLOR. WHITE FINISH. SINGLE STEM MOUNT. NICKEL TONE STEM FINISH 35K COLOR TEMPERATURE.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-WH-SSM-N T-35K
P5-W-EM	CEILING PENDANT MOUNTED	45 WATTS LED UNV	SAME AS FIXTURE "P5-W" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-WH-SSM-N T-35K
P5-G	CEILING PENDANT MOUNTED	45 WATTS LED UNV	20" DIAMETER X 5" HEIGHT. GREEN IN COLOR. WHITE FINISH. SINGLE STEM MOUNT. NICKEL TONE STEM FINISH 35K COLOR TEMPERATURE.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K
P5-G-EM	CEILING PENDANT MOUNTED	45 WATTS LED UNV	SAME AS FIXTURE "P5-G" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K
P6	CEILING PENDANT MOUNTED	3 WATTS LED UNV	DECORATIVE PENDENT / CYLINDER DIFFUSER. 9" STEM LENGTH. 35K COLOR TEMPERATURE. BRUSHED ALUMINUM FINISH.	MANUFACTURER: ACUTY BRANDS--HEALTHCARE LIGHTING #HPPI-95T--1MVOLT--CYL--LRG--35K--ZT--WINS--INI--BA
P6-EM	CEILING PENDANT MOUNTED	3 WATTS LED UNV	SAME AS FIXTURE "P6" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: ACUTY BRANDS--HEALTHCARE LIGHTING #HPPI-95T--1MVOLT--CYL--LRG--35K--ZT--WINS--INI--BA
WM1	SURFACE WALL MOUNTED	20 WATTS LED UNV	8" LINEAR SLOT INDIRECT WALL LIGHT. 400 LUMENS PER FOOT. 35K COLOR TEMPERATURE. 90 CRI.	MANUFACTURER: MARK LIGHTING MODEL #51WI--LLP--BFT--MSLB--90CRI--135K--1400LMF--MIN1--1MVOLT--WHT--ZT--DCF
WM1-EM	SURFACE WALL MOUNTED	20 WATTS LED UNV	SAME AS FIXTURE "WM1" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: MARK LIGHTING MODEL #51WI--LLP--BFT--MSLB--90CRI--135K--1400LMF--MIN1--1MVOLT--WHT--ZT--DCF



ELECTRICAL PANEL SCHEDULE																							
PNL: ILAB				MOUNTING: SURFACE X				MAIN LUGS ONLY				MAIN C BKR-				GROUND BUS: X							
208Y/120, 3 PHASE, 4 WIRE				(NEMA 1) FLUSH				DOUBLE LUGS				200A/3P				ISOLATED GROUND BUS:							
22 .000MIN A.I.C. SYM				IN MCC				FEED THRU LUG				MAIN BUS -				TVSS:							
NEUTRAL: 100%								SHUNT TRIP MAIN				200 A				NUMBER OF POLES: 54							
CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA / PHASE			KVA / PHASE			CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.								
					A	B	C	A	B	C													
1	20	LIGHTING	2#12+1#12G	3/4	1.00			1.00			3/4	2#12+1#12G	LIGHTING	20	2								
3	20	LIGHTING	2#12+1#12G	3/4		1.00			1.00		3/4	2#12+1#12G	FLAT PANEL	20	4								
5	20	FLAT PANEL	2#12+1#12G	3/4			1.00			1.00	3/4	2#12+1#12G	FLAT PANEL	20	6								
7	2	HP-E	2#12+1#12G	3/4	0.65			0.40			3/4	2#12+1#12G	HP-E	2	8								
9	20		2#12+1#12G	3/4		0.65			0.40		3/4	2#12+1#12G		20	10								
11	20	AV RACK	2#12+1#12G	3/4			0.50			0.65	3/4	2#12+1#12G	HP-E	2	12								
13	20	AV RACK	2#12+1#12G	3/4					0.65		3/4	2#12+1#12G		20	14								
15	20	RECEP	2#12+1#12G	3/4		1.08			0.90		3/4	2#12+1#12G	RECEP	20	16								
17	20	LAPTOP CHARGER	2#12+1#12G	3/4			1.00			1.00	3/4	2#12+1#12G	AMPLIFIER	20	18								
19	20	RECEP	2#12+1#12G	3/4		0.54			1.00		3/4	2#12+1#12G	FLAT PANEL	20	20								
21	20	RECEP	2#12+1#12G	3/4		0.72					-	-	SPARE	20	22								
23	20	SPARE	-	-						1.08	3/4	2#12+1#12G	RECEP	20	24								
25	20	FLAT PANEL	2#12+1#12G	3/4		1.00			1.00		3/4	2#12+1#12G	RECEP	20	26								
27	20	FLAT PANEL	2#12+1#12G	3/4			1.00			1.40	3/4	2#12+1#12G	RECEP	20	28								
29	20	FLAT PANEL	2#12+1#12G	3/4			1.00			1.00	3/4	2#12+1#12G	FLAT PANEL	20	30								
31	20	RECEP	2#12+1#12G	3/4		1.40			1.08		3/4	2#12+1#12G	RECEP	20	32								
33	20	RECEP	2#12+1#12G	3/4		0.90			1.50		3/4	2#12+1#12G	ELECTOR PUMP	20	34								
35	20	SPARE	-	-							-	-	SPARE	20	36								
37	20	SPARE	-	-							-	-	SPARE	20	38								
39	20	SPARE	-	-							-	-	SPARE	20	40								
41	20	SPARE	-	-							-	-	SPARE	20	42								
43	20	SPARE	-	-							-	-	SPARE	20	44								
45	20	SPARE	-	-							-	-	SPARE	20	46								
47	20	SPARE	-	-							-	-	SPARE	20	48								
49	20	SPARE	-	-							-	-	SPARE	20	50								
51	20	SPARE	-	-							-	-	SPARE	20	52								
53	20	SPARE	-	-							-	-	SPARE	20	54								
SUBTOTALS					4.59	5.35	3.50	5.13	5.20	4.73	SUBTOTALS												
TOTAL LOADS					9.7	KVA	PHASE A	LIGHTING:					4.50	KVA									
					10.6	KVA	PHASE B	RECEPTACLE:					0.00	KVA									
					8.2	KVA	PHASE C	KITCHEN:					0.00	KVA									
TOTAL CONNN. LOAD					28.5	KVA	75.0 A	MOTOR:					3.40	KVA									
TOTAL DEMAND LOAD					27.0	KVA	75.0 A	POWER:					19.10	KVA									
< Load & Total not equal >								TOTAL:					27.00	KVA									

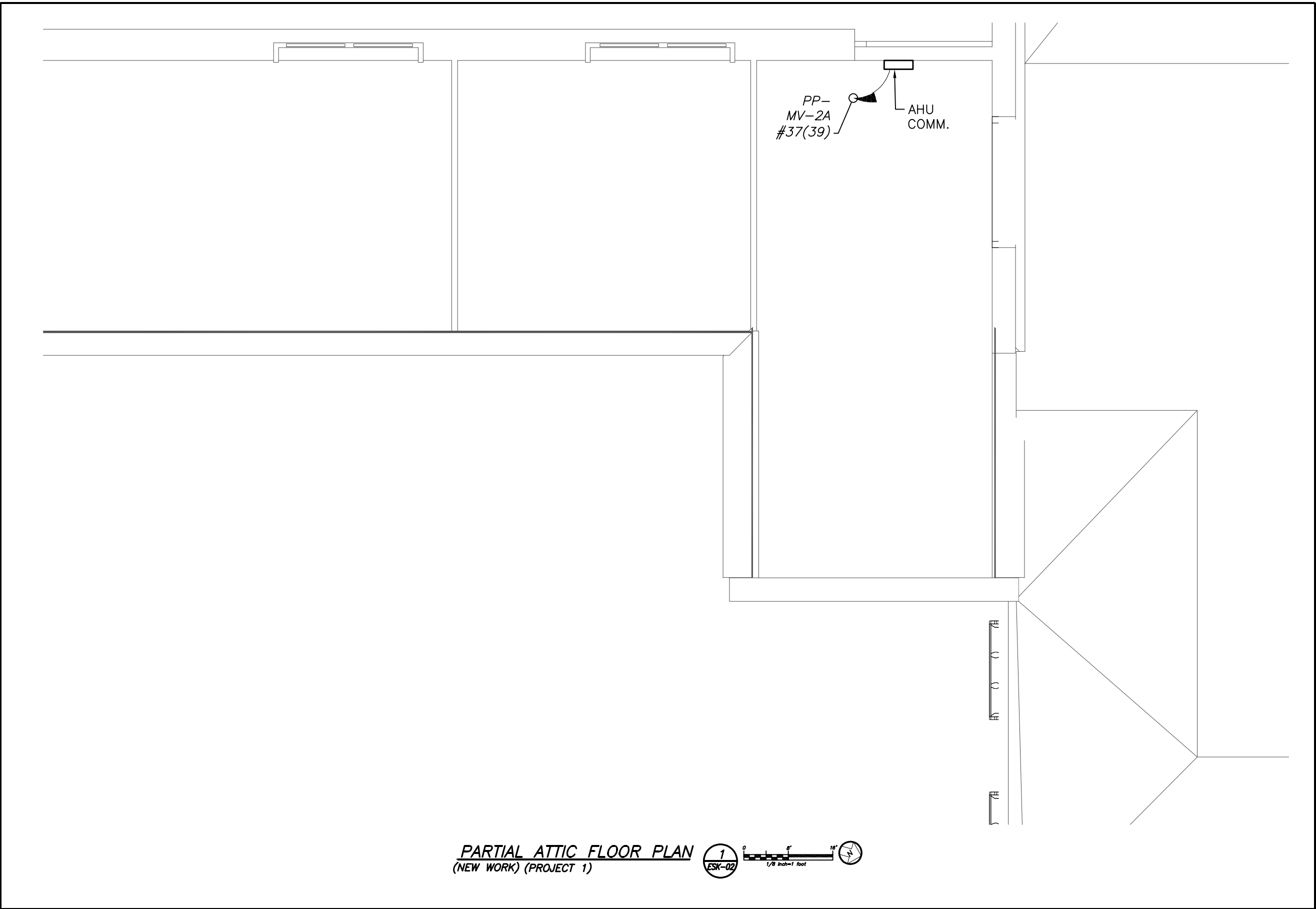
(NEW) ELECTRICAL PANEL SCHEDULE													(HIGH SCHOOL)				
PNL: PP-MV-2B			MOUNTING SURFACE X				MAIN LUGS ONLY				MAIN C BKR-		GROUND BUS: X				
208Y/120, 3 PHASE, 4 WIRE			(NEMA 1) FLUSH				DOUBLE LUGS				800A/3P		ISOLATED GROUND BUS:				
42 .000MIN A.I.C. SYM			IN MCC				FEED THRU LUG X				MAIN BUS -		TVSS:				
NEUTRAL: 100%							SHUNT TRIP MAIN				800 A		NUMBER OF POLES: 84				
CKT No.	TR	LOAD	WIRE	CND.	KVA / PHASE			KVA / PHASE			CND.	WIRE	LOAD	TRIP (AMP)	CKT No.		
					A	B	C	A	B	C	(IN.)						
1	2	ERU-5	2#12+1#12G	3/4	1.10							3/4	2#12+1#12G	EF-2	20	1	
3	15		-	-	-	1.10						0.50	3/4	2#12+1#12G	FSD	20	3
5	15		ROOF RECEPT	2#12+1#12G	3/4			0.36				1.44	3/4	2#12+1#12G	OFFICE RECEPT	20	5
7	20	ROOF RECEPT	2#12+1#12G	3/4		0.36					1.44	3/4	2#12+1#12G	OFFICE RECEPT	20	7	
9	20	SPARE	-	-							1.44	3/4	2#12+1#12G	OFFICE RECEPT	20	9	
11	20	SPARE	-	-								-	-	SPARE	20	11	
13	2	ERU-9	2#12+1#12G	3/4	1.10							-	-	SPARE	20	13	
15	20		-	-	-	1.10						-	-	SPARE	20	15	
17	20		OFFICE RECEPT	2#12+1#12G	3/4			1.44				-	-	SPARE	20	17	
19	20	OFFICE RECEPT	2#12+1#12G	3/4		1.44					-	-	SPARE	20	19		
21	20	OFFICE RECEPT	2#12+1#12G	3/4		1.44					-	-	SPARE	20	21		
23	3	CU-1	3#8+1#10G	3/4	4.60						1.00	3/4	2#12+1#12G	OFFICE LGT	20	23	
25	50		-	-	-	4.60					0.40	3/4	2#12+1#12G	HP-C	2	25	
27	50		-	-	-	4.60					0.40	-	-		15	27	
29	3	CU-2	3#8+1#10G	3/4	4.60						7.80	-	-		3	29	
31	50		-	-	-	4.60					7.80	5/12	#4500KC MIL-1#12G	PP-3	3	31	
33	50		-	-	-	4.60					7.80	-	-		200	33	
35	20	ROOF RECEPT	2#12+1#12G	3/4			0.18				-	-	SPARE	20	35		
37	20	ROOF RECEPT	2#12+1#12G	3/4		0.18					-	-	SPARE	20	37		
39	20	SPARE	-	-							-	-	SPARE	20	39		
41	20	SPARE	-	-							-	-	SPARE	20	41		
43	-	SPACE	-	-							-	-	SPACE	-	43		
45	-	SPACE	-	-							-	-	SPACE	-	45		
47	-	SPACE	-	-							-	-	SPACE	-	47		
49	-	SPACE	-	-							-	-	SPACE	-	49		
51	-	SPACE	-	-							-	-	SPACE	-	51		
53	-	SPACE	-	-							-	-	SPACE	-	53		
55	-	SPACE	-	-							-	-	SPACE	-	55		
57	-	SPACE	-	-							-	-	SPACE	-	57		
59	-	SPACE	-	-							-	-	SPACE	-	59		
61	-	SPACE	-	-							-	-	SPACE	-	61		
63	-	SPACE	-	-							-	-	SPACE	-	63		
65	-	SPACE	-	-							-	-	SPACE	-	65		
67	-	SPACE	-	-							-	-	SPACE	-	67		
69	-	SPACE	-	-							-	-	SPACE	-	69		
71	-	SPACE	-	-							-	-	SPACE	-	71		
73	-	SPACE	-	-							-	-	SPACE	-	73		
75	-	SPACE	-	-							-	-	SPACE	-	75		
77	-	SPACE	-	-							-	-	SPACE	-	77		
79	-	SPACE	-	-							-	-	SPACE	-	79		
81	-	SPACE	-	-							-	-	SPACE	-	81		
83	-	SPACE	-	-							-	-	SPACE	-	83		
SUBTOTALS					13.4	12.8	11.2		10	10	10	SUBTOTALS					
TOTAL LOADS			23.5 KVA PHASE A		LIGHTING: 1.00 KVA												
			23.0 KVA PHASE B		RECEPTACLE: 9.00 KVA												
			21.4 KVA PHASE C		KITCHEN: 0.00 KVA												
TOTAL CONN. LOAD			67.9 KVA		189		A		MOTOR: 33.80 KVA								
TOTAL DEMAND LOAD			67.9 KVA		189		A		POWER: 24.12 KVA								
									TOTAL: 67.92 KVA								



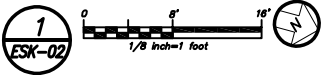


Revisions		
No.	Description	Date
1	SED Submission	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021
		
		
		
<p>Construction Manager  <b>SAVIN ENGINEERS, P.C.</b>          3 Campus Drive          Pleasantville, NY 10570          914-769-3200</p> <p>Structural Engineer  <b>ODEH ENGINEERS</b>          1223 Mineral Spring Ave          North Providence, RI 02904          401-724-1771</p> <p>Civil Engineer  <b>WESTON &amp; SAMPSON</b>          1 Winners Circle, Suite 130          Albany, NY 12205          518-463-4400</p> <p>Acoustic Consultant  <b>DP DESIGN</b>          12 Cold Spring Street          Providence, RI          401-861-3218</p> <p>AV Consultant  <b>CAVANAUGH TOCCI</b>          327 F Boston Post Road          Sudbury, MA 01776-3027          978-443-7871</p>		
SED #: 6618-0001-0005-032		
PROJECT		
Alterations to:		
<b>Rye City School District</b> <b><u>Rye High School &amp; Middle</u></b> <b><u>School</u></b> 1 Parsons Street, Rye, New York 10580		
DRAWING		
HIGH SCHOOL AND MIDDLE SCHOOL PART SECOND FLOOR HVAC COM. CONTROLS		
DATE		02/05/21
JOB NO.		9200
SCALE		1' = 1/8"
SHEET		
<div>ESK-01</div>		





**PARTIAL ATTIC FLOOR PLAN**  
**(NEW WORK) (PROJECT 1)**



Revisions		
No.	Description	Date
1	SED Submission	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021

**Geddis Architects**  
Architecture, Planning, Interiors  
71 Old Post Road  
P.O. Box 1020  
Southport, CT 06890  
(203) 256-8700

**Fielding International**  
Transforming Education by Design  
259 Water Street Suite 1L  
Warren, RI 02885 USA  
+1 401-289-2789

**bga**  
BARILE GALLAGHER & ASSOCIATES  
CONSULTING ENGINEERS  
38 MARBLE AVENUE, PLEASANTVILLE, NY 10570  
EUGENE\_GALLAGHER@BGA-ENG.COM WWW.BGA-ENG.COM

Construction Manager  
SAVIN ENGINEERS, P.C.  
3 Campus Drive  
Pleasantville, NY 10570  
914-769-3200

Structural Engineer  
ODER ENGINEERS  
1223 Mineral Spring Ave  
North Providence, RI 02904  
401-724-1771

Civil Engineer  
WESTON & SAMPSON  
1 Winners Circle, Suite 130  
Albany, NY 12205  
518-463-4400

Acoustic Consultant  
DP DESIGN  
12 Cold Spring Street  
Providence, RI  
401-861-3218

AV Consultant  
CAVANAUGH TOCCI  
327 F Boston Post Road  
Sudbury, MA 01776-3027  
978-443-7871

SED #: 6618-0001-0005-032

PROJECT

Alterations to:

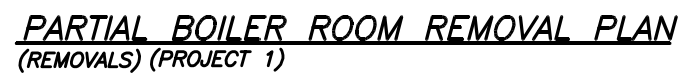
**Rye City School District**  
**Rye High School & Middle School**  
1 Parsons Street, Rye, New York 10580

DRAWING

**HIGH SCHOOL AND MIDDLE SCHOOL PART ATTIC HVAC COM. CONTROLS**

DATE	02/05/21
JOB NO.	9200
SCALE	1' = 1/8"
SHEET	<b>ESK-02</b>





No.	Description	Date
1	SED Submission	09/15/2020
3	ISSUED FOR BID	01/19/2021
5	BID ADDENDUM #2	02/05/2021



**Construction Manager**  
**SAVIN ENGINEERS, P.C.**  
3 Campus Drive  
Pleasantville, NY 10570  
914-769-3200

**Structural Engineer**  
**ODEH ENGINEERS**  
1223 Mineral Spring Ave  
North Providence, RI 02904  
401-724-1771

**Civil Engineer**  
WESTON & SAMPSON  
1 Winners Circle, Suite 130  
Albany, NY 12205  
518-463-4400

<u>Acoustic Consultant</u>	<u>AV Consultant</u>
DP DESIGN	CAVANAUGH TOCCI
12 Cold Spring Street	327 F Boston Post Road
Providence, RI	Sudbury, MA 01776-3027
401-861-3218	978-443-7871

SED #: 6618-0001-0005-032

PROJECT

Alterations to:

**Rye City School District**  
**Rye High School & Middle**  
**School**

1 Parsons Street, Rye, New York 10580

DRAWING

## HIGH SCHOOL AND MIDDLE SCHOOL PART BOILER ROOM REMOVAL PLAN

DATE	02/05/21
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JOB NO.	9200
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SCALE 1' = 1/32"

SHEET

ESK-03



**SECTION 00 03 10-GC ES  
BID FORM**

**Interior & Exterior Renovation**

at the

**OSBORN SCHOOL**

**BOARD OF EDUCATION  
RYE CITY SCHOOL DISTRICT  
RYE, NY 10580**

SUBMITTED FOR: **BID # 20-21-05**

**Contract No.:1 Osborn ES**  
**Contract No. 1-GC –GENERAL CONSTRUCTION**  
**Contract No. 1-MC –MECHANICAL**  
**Contract No. 1-PC –PLUMBING**  
**Contract No. 1-EC –ELECTRICAL**  
**Contract No. 1-EC –WINDOWS**

*(circle the Contract for which your Company is submitting a Bid)*

SUBMITTED BY:

Company  
Name:

Address:

Phone

Fax & Email:

TO:

*By mail; by hand or*

*By express mail*

Gabriella O'Connor

Rye City School District

555 Theodore Fremd Avenue, Suite B-101

Rye, NY, 10580

Pursuant to and in accordance with the invitation for proposals for the Interior and Exterior Renovation at the Osborn School in Rye, New York and having familiarized myself with the conditions of the site, the drawings and specifications (including instruction to bidders, form of bid bond, form of Contract, the general conditions with modifications thereto, and the technical specifications) and addenda, if any, as prepared by Geddis Architects, Fielding International, Odeh Engineers, Weston & Sampson, PE, LS,LA,PC, Barile Gallagher & Associates, DP Design and Quest Environmental Solutions & Technologies, Inc. dated **January 19, 2021** hereby propose to furnish all labor, material, equipment, and services required to construct and complete the work as follows:

\* BASE BID the contract must include all costs associated with the scope of work identified in the Contract Documents.

*Rye City School District  
Osborn Elementary School*

**BID FORM**

**00 03 10- ES - 1**



***A contractor submitting a bid for projects 1,2 and 4 must submit a bid for all three of the projects. The Rye City School District will select either the combined of all three projects or only one or two of the projects.***

**1A. BASE BID**

**Contract No. 1-GC –GENERAL CONSTRUCTION**

**Contract No. 1-MC –MECHANICAL**

**Contract No. 1-PC –PLUMBING**

**Contract No. 1-EC –ELECTRICAL**

*(circle the Contract for which your Company is submitting a Bid)*

**Project 1**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)

**Project 2**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)

**Project 4 Roofing**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)

**Combined: Project 1, 2 & 4**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)



**1B BASE BID**  
**Contract No. 1-WC – WINDOWS**  
**Project 4**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)

**1C. ALLOWANCES**

Contractor must attach the Allowances Attachment 01 21 00.2 to the bid.

**1D. ALTERNATES: Refer to Division 1 Section “Alternates” for description of alternates.**

Contractor must attach the Alternates Attachment 01 23 00.2 to the bid.

**1E. UNIT PRICES**

Contractor must attach the Allowances Attachment 01 22 00.2 to the bid.

**1F SCHEDULE OF VALUES**

A schedule of values shall be submitted by the Prime Contractor as per the requirements of the Contract Documents.

**BID SECURITY**

Bid security based on the Base Bid.

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_) in the form of \_\_\_\_\_

is attached herewith in accordance with the specifications.

**ADDENDA**

In submitting this proposal, I have received and included in this Proposal, the following Addenda:

Date

Addendum No.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



The undersigned hereby certifies that he/she or they has (have) full authority to make the Proposal and does further declare that he/she or they is (are) the only person or persons interested in the Proposal and has not entered into any collusion in preparing the Proposal.

The undersigned acknowledges that there will not be cost to the Owner pertaining to the submission of this Proposal and the Owner(s) has the right to reject any and all bids.

The undersigned agrees that no bid will be withdrawn within forty-five (45) days, except in accordance with New York GML §103(11), and the owner shall be permitted to accept this proposal within forty-five (45) days of the bid date.

The undersigned acknowledges that he/she or they are fully aware of the time constraints and coordination required as outlined in the information for bidders and agrees, if awarded the Contract, to submit all required bonds, insurance certificates, schedule of values and any other required documents within ten (10) days of receipt of letter of intent or before work starts, whichever is first. It is also agreed that a construction schedule will be submitted as outlined in the Contract Documents.

The undersigned acknowledges that he/she or they have (has) reviewed and will comply with the requirements of the State of New York Department of Labor included in these specifications.

The undersigned acknowledges that he/she or they is (are) aware that at the Board's discretion, separate contracts will be awarded based upon the lowest responsible bid for each project or a single contract will be awarded based the lowest responsible bid for all projects, or the proposals, subject, however, to the discretionary right reserved by the Board of Education to waive any informalities in any proposal, or to reject any or all proposals, will take such action if, in its opinion, the best interest of the School District will thereby be promoted.

Respectfully submitted,

By:

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed/Typed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Dated

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_.

\_\_\_\_\_  
Notary Public



**SECTION 00 03 10-GC ES  
BID FORM**

**Interior & Exterior Renovation**

at the

**MIDLAND SCHOOL**

**BOARD OF EDUCATION  
RYE CITY SCHOOL DISTRICT  
RYE, NY 10580**

SUBMITTED FOR: **BID # 20-21-06  
Contract No.:2**

**MIDLAND ES**

**Contract No. 2-GC – GENERAL CONSTRUCTION**

**Contract No. 2-MC – MECHANICAL**

**Contract No. 2-PC – PLUMBING**

**Contract No. 2-EC – ELECTRICAL**

**Contract No. 2-WC –WINDOW**

*(circle the Contract for which your Company is submitting a Bid)*

SUBMITTED BY: Company  
Name:  
Address:

Phone  
Fax & Email:

TO:  
*By mail; by hand or*  
*By express mail*

Gabriella O'Connor

Rye City School District

555 Theodore Fremd Avenue, Suite B-101

Rye, NY, 10580

Pursuant to and in accordance with the invitation for proposals for the Interior and Exterior Renovation at the Midland School in Rye, New York and having familiarized myself with the conditions of the site, the drawings and specifications (including instruction to bidders, form of bid bond, form of Contract, the general conditions with modifications thereto, and the technical specifications) and addenda, if any, as prepared by Geddis Architects, Fielding International, Odeh Engineers, Weston & Sampson, PE, LS,LA,PC, Barile Gallagher & Associates, DP Design and Quest Environmental Solutions & Technologies, Inc. dated **January 19, 2021** hereby propose to furnish all labor, material, equipment, and services required to construct and complete the work as follows:

\* BASE BID the contract must include all costs associated with the scope of work identified in the Contract Documents.

*Rye City School District  
Midland Elementary School*

**BID FORM**

**00 03 10- ES - 1**



***A contractor submitting a bid for projects 1, 2 and 4 must submit a bid for all three of the projects. The Rye City School District will select either the combined of all three projects or only one or two of the projects.***

**1A. BASE BID**

**Contract No. 2-GC - GENERAL CONSTRUCTION**

**Contract No. 2-MC - MECHANICAL**

**Contract No. 2-PC - PLUMBING**

**Contract No. 2-EC - ELECTRICAL**

*(circle the Contract for which your Company is submitting a Bid)*

**Project 1**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)

**Project 2**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)

**Project 4 Roofing**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)

**Combined: Project 1, 2 & 4**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)



**1B BASE BID**

**Contract No. 2-WC – WINDOWS**

**Project 4**

Submit price for all labor materials as shown on the drawings and as described in the Contract Documents. See Section 01 10 00 for description of work.

The sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_)

**1C. ALLOWANCES**

Contractor must attach the Allowances Attachment 01 21 00.2 to the bid.

**1D. ALTERNATES: Refer to Division 1 Section “Alternates” for description of alternates.**

Contractor must attach the Alternates Attachment 01 23 00.2 to the bid.

**1D. UNIT PRICES**

Contractor must attach the Allowances Attachment 01 22 00.2 to the bid.

**1E. SCHEDULE OF VALUES**

A schedule of values shall be submitted by the Prime Contractor as per the requirements of the Contract Documents.

**BID SECURITY**

Bid security based on the Base Bid.

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_) in the form of

is attached herewith in accordance with the specifications.

**ADDENDA**

In submitting this proposal, I have received and included in this Proposal, the following Addenda:

Date

Addendum No.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



The undersigned hereby certifies that he/she or they has (have) full authority to make the Proposal and does further declare that he/she or they is (are) the only person or persons interested in the Proposal and has not entered into any collusion in preparing the Proposal.

The undersigned acknowledges that there will not be cost to the Owner pertaining to the submission of this Proposal and the Owner(s) has the right to reject any and all bids.

The undersigned agrees that no bid will be withdrawn within forty-five (45) days, except in accordance with New York GML §103(11), and the owner shall be permitted to accept this proposal within forty-five (45) days of the bid date.

The undersigned acknowledges that he/she or they are fully aware of the time constraints and coordination required as outlined in the information for bidders and agrees, if awarded the Contract, to submit all required bonds, insurance certificates, schedule of values and any other required documents within ten (10) days of receipt of letter of intent or before work starts, whichever is first. It is also agreed that a construction schedule will be submitted as outlined in the Contract Documents.

The undersigned acknowledges that he/she or they have (has) reviewed and will comply with the requirements of the State of New York Department of Labor included in these specifications.

The undersigned acknowledges that he/she or they is (are) aware that at the Board's discretion, separate contracts will be awarded based upon the lowest responsible bid for each project or a single contract will be awarded based the lowest responsible bid for all projects, or the proposals, subject, however, to the discretionary right reserved by the Board of Education to waive any informalities in any proposal, or to reject any or all proposals, will take such action if, in its opinion, the best interest of the School District will thereby be promoted.

Respectfully submitted,

By:

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed/Typed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Dated

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_.

\_\_\_\_\_  
Notary Public



**SECTION 01 10 00**  
**MULTIPLE CONTRACT SUMMARY**  
**OSBORN ELEMENTARY SCHOOL**

**PART 1 – GENERAL**

**1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

**1.02 WORK COVERED BY CONTRACT DOCUMENTS**

- A. Project Identification: Project consists of the construction of Interior and Exterior Renovations,
  - 1. Project Location:
    - i. Osborn School  
10 Osborn Road  
Rye NY 10580
  - 2. Owner: Rye City School District, 555 Theodore Fremd Avenue,  
Suite B 101, Rye, NY 10580
- B. Architect Identification: The Contract Documents, dated January 19, 2020 were prepared for Project by Geddis Architects, Fielding International, Odeh Engineers, Weston & Sampson, PE, LS, LA, PC, Barile Gallagher & Associates, DP Design and Quest Environmental Solutions & Technologies, Inc.
- C. Construction Manager: Savin Engineers, P.C., 3 Campus Drive, Pleasantville, New York, 10570, has been engaged as Construction Manager for this Project to serve as an advisor to Owner and to provide assistance in administering the Contract for Construction between Owner and each Contractor, according to a separate contract between Owner and Construction Manager.
- D. The Work consists of the construction of additions and alterations for the Rye City School District.
  - 1. The Work includes, interior renovations of the existing school building, window replacements and roofing replacement as shown on the Contract Documents.
  - 2. All materials, assemblies, forms and methods of construction and service equipment shall comply with the requirements of the latest edition of the New York State Building Code.

**1.03 DRAWINGS INCLUDED IN CONTRACT DOCUMENTS**

- A. Refer to List of Drawings located on Title Sheet of the Drawings.



#### **1.04 CONTRACT**

- A. The owner will award the following Construction Contracts for the Project in order to complete all work as indicated and specified:

##### **Contract 1**

- **Osborn ES Contract 1 GC: General Construction**
- **Osborn ES Contract 1 MC: Mechanical**
- **Osborn ES Contract 1 PC: Plumbing**
- **Osborn ES Contract 1 EC: Electrical**
- **Osborn ES Contract 1 WC: Windows**

- B. In each case, the Contractor agrees to accept the site, as it exists and to remove any encumbrances, which interfere with proper fulfillment of the Work, without change in the Contract Sum.
- C. Accommodate the Owner's intention to continue occupy in the existing building, including site and to conduct normal school operations during the time of construction of the work.
1. Cooperate with the Owner's personnel in maintaining and facilitating access to the school building and its facilities by school personnel, school staff, and the public, while construction is still in progress.
  2. Emergency access at driveways and building entrances: Keep driveways and entrances serving the occupied school building clear and available to the Owner, the Owner's employees and the public, and to emergency vehicles at all times. Do not obstruct access to these areas or use such areas for parking, construction equipment or storage of materials.
  3. Schedule construction operations so as to minimize conflicts with and interruptions to daily school function. Coordinate necessary interruptions with Owner's personnel.
  4. The existing building must remain operational at all times, therefore the Contractors are responsible to maintain all systems such as but not limited to fire alarm, clocks, public address system, electric, gas services, heat, etc.
- D. The Contractor shall cooperate with separate Contractors for any separate Contracts that the Owner may award.

#### **1.05 MULTIPLE PRIME CONTRACTS**

- A. The Project will be constructed under a multiple prime-contracting agreement. Prime Contracts are separate contracts between the Owner and separate contractors, representing significant construction activities. Each prime contract is performed concurrently with and closely coordinated with construction activities performed on the Project under other prime contracts. Prime Contracts for this Project include:

##### **Contract 1**

- **Osborn ES Contract 1 GC: General Construction**
- **Osborn ES Contract 1 MC: Mechanical**
- **Osborn ES Contract 1 PC: Plumbing**
- **Osborn ES Contract 1 EC: Electrical**



- **Osborn ES Contract 1 WC: Windows**

B. Contract Documents indicate the work of each prime Contract and related requirements and conditions that have an impact on the project. Related requirements and conditions that are indicated on the Contract Documents include, but are not necessarily limited to the following:

1. Phasing
2. Existing site conditions
3. Alternates
4. Allowances
5. Delegated Design where specified.
6. Cutting and Finish Patching unless noted otherwise
7. Miscellaneous Steel associated with each Contract Work.
8. Firestopping
9. Daily Cleaning (All Contracts are responsible for daily cleaning)
  - a. As per paragraph 1.06.G.
10. Final Cleanup (All Contracts are responsible for their final cleanup.)

C. Prime Contract Work: Each Prime Contract can be summarized as follows:

1. The **Contract for General Construction 1- GC** includes Architectural, Civil and Structural, plus other construction operations traditionally recognized as General Construction. It also includes administrative and coordination responsibilities. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of Division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
020800	ASBESTOS ABATEMENT
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
033000	CAST-IN-PLACE CONCRETE
035400	SELF LEVELING UNDERLAYMENT
<b>DIVISION 4</b>	<b>MASONRY</b>
040100	MASONRY MAINTENANCE
040120	MASONRY REPAIR
<b>DIVISION 5</b>	<b>METALS</b>
051200	STRUCTURAL STEEL FRAMING
055316	PLANK GRATING
055813	COLUMN COVERS
<b>DIVISION 6</b>	<b>WOOD AND PLASTICS</b>
061001	CARPENTRY-ROOFING
061053	MISCELLANEOUS ROUGH CARPENTRY



061600	<i>SHEATHING</i>
062000	<i>FINISH CARPENTRY</i>
064023	<i>ARCHITECTURAL WOODWORK</i>
064116	<i>PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS</i>
<b>DIVISION 7</b>	<b><i>THERMAL AND MOISTURE PROTECTION</i></b>
071326	<i>SELF-ADHERING SHEET WATERPROOFING</i>
072100	<i>THERMAL INSULATION</i>
072500	<i>WEATHER BARRIERS</i>
074200	<i>METAL WINDOW PANELS</i>
074213.23	<i>METAL COMPOSITE MATERIAL WALL PANELS</i>
075323	<i>EPDM ROOFING</i>
076200	<i>SM SHEET METAL FLASHINGS &amp; SPECIALTIES</i>
077200	<i>ROOF ACCESSORIES</i>
078413	<i>PENETRATION FIRESTOPPING</i>
078443	<i>JOINT FIRESTOPPING</i>
079200	<i>JOINT SEALANTS</i>
<b>DIVISION 8</b>	<b><i>OPENINGS</i></b>
081100	<i>STEEL WINDOW FRAMES</i>
081113	<i>HOLLOW METAL DOORS AND FRAMES</i>
081416	<i>FLUSH WOOD DOORS</i>
083113	<i>ACCESS DOORS AND FRAMES</i>
083300	<i>ROLLING COUNTER FIRE SHUTTERS</i>
084113	<i>ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS</i>
084113.2	<i>GLAZED ALUMINUM CURTAIN WALLS</i>
085667	<i>BULLET-RESISTANT STEEL TRANSACTION WINDOWS</i>
087100	<i>DOOR HARDWARE</i>
088100	<i>SOLAR CONTROL COATED INSULATING GLASS</i>
088101	<i>INTERIOR GLASS AND GLAZING</i>
088700	<i>DECORATIVE GLAZING FILM</i>
088853.1	<i>1" IGU SECURITY GLAZING –<del>SHOOTER</del> ATTACK INSULATED GLASS</i>
088853.2	<i>SECURITY GLAZING - 45 MIN</i>
088853.3	<i>SECURITY GLAZING - 90 MIN</i>
089119	<i>FIXED LOUVERS</i>
<b>DIVISION 9</b>	<b><i>FINISHES</i></b>
090561.13	<i>MOISTURE VAPOR EMISSION CONTROL</i>
092116.23	<i>GYPSUM BOARD SHAFT WALL ASSEMBLIES</i>
092216	<i>NON-STRUCTURAL METAL FRAMING</i>
092900	<i>GYPSUM BOARD</i>
093013	<i>CERAMIC TILING</i>
095123	<i>ACOUSTICAL TILE CEILINGS</i>
096500	<i>RESILIENT FLOORING</i>



096513	RESILIENT BASE AND ACCESSORIES
096519	RESILIENT TILE FLOORING
097213	VINYL WALL COVERINGS
097700	MAGNETIC WALL COVERINGS
098129	SPRAY APPLIED ACOUSTICAL INSULATION
098430	SOUND ABSORBING WALL PANELS
099113	EXTERIOR PAINTING
099123	INTERIOR PAINTING
099300	STAINING AND TRANSPARENT FINISHING
<b>DIVISION 10</b>	<b>SPECIALTIES</b>
101411	SIGNAGE
101423.16	ROOM-IDENTIFICATION PANEL SIGNAGE
102113.17	PHENOLIC-CORE TOILET COMPARTMENTS
102239	FOLDING PANEL PARTITIONS
102641	BULLET RESISTANT PANELS
104400	FIRE PROTECTION SPECIALTIES
108100.1	TOILET AND BATH ACCESSORIES
<b>DIVISION 11</b>	<b>EQUIPMENT</b>
115213	PROJECTION SCREENS
116137	CURTAIN SYSTEMS
<b>DIVISION 12</b>	<b>FURNISHINGS</b>
122000	WINDOW TREATMENTS
123661.16	SOLID SURFACING COUNTERTOPS
<b>DIVISION 31</b>	<b>EARTHWORK</b>
<b>312323</b>	GEOFOAM LIGHTWEIGHT FILL
<b>DIVISION 32</b>	<b>EXTERIOR IMPROVEMENTS</b>
321000	SITE PREPARATION
322301	EXCAVATION, BACKFILL AND COMPACTION
322513	EROSION AND SEDIMENT CONTROL
324260	EXCAVATION SUPPORT AND PROTECTION
<b>DIVISION 33</b>	<b>SITE UTILITIES</b>
331216	ASPHALT PAVING
331313	CONCRETE PAVEMENT AND CURBS
333113	CHAIN LINK FENCES AND GATES
339220	RESTORATION OF TURF AREAS

- 2 The **Contract for Mechanical Construction 1- MC** includes heating, ventilation, and air conditioning system and the temperature control system. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All division 00 & 01



<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
33000	CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Mechanical Equipment)
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	PENETRATION FIRESTOPPING
078443	JOINT FIRESTOPPING
079200	JOINT SEALANTS

<b>DIVISION 8</b>	<b>OPENINGS</b>
83113	ACCESS DOORS AND FRAMES (as it relates to Mechanical installations)
<b>DIVISION 23</b>	<b>HEATING, VENTILATING AND AIR CONDITIONING (HVAC)</b>
230100	GENERAL CONDITIONS
230110	SCOPE OF WORK
230190	PUMPS
230200	HYDRONIC SPECIALTIES
230235	INDOOR ENERGY RECOVERY UNITS
230240	<del>GAS FIRED</del> ROOFTOP ENERGY RECOVERY UNITS
230250	<del>PACKAGED ENERGY RECOVERY</del> GAS FIRED ROOFTOP UNITS
230260	DUCTLESS SPLIT SYSTEMS
230265	VARIABLE REFRIGERANT FLOW OUTDOOR UNITS
230266	VARIABLE REFRIGERANT FLOW INDOOR UNITS
230280	VARIABLE FREQUENCY DRIVES
230290	DUCT MOUNTED COILS
230295	DUCT MOUNTED ELECTRIC HEATING COILS
230300	FANS
230310	CABINET HEATERS
230330	CONVECTORS
230400	SHEETMETAL WORK AND RELATED ACCESSORIES
230410	PIPING, FITTINGS, VALVES AND NOTES (HOT WATER)
230420	SUPPORTS, SLEEVES AND PLATES
230430	INSULATION AND COVERINGS
230440	DAMPERS AND MISCELLANEOUS
230460	AUTOMATIC TEMPERATURE CONTROLS
230470	TESTING, START-UP AND ADJUSTMENTS
230480	GENERAL LABELING, VALVE CHARTS AND PIPING IDENTIFICATION
230485	HVAC SYSTEMS COMMISSIONING



230490	<i>GUARANTEE</i>
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3. The **Contract for Plumbing Construction 1- PC** includes plumbing equipment, accessories and piping systems. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
024119	<i>SELECTIVE DEMOLITION</i>
028300	<i>LEAD-BASED PAINT SAFE WORK PRACTICES</i>
<b>DIVISION 3</b>	<b>CONCRETE</b>
33000	<i>CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Plumbing Equipment)</i>

<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	<i>PENETRATION FIRESTOPPING</i>
078443	<i>JOINT FIRESTOPPING</i>
079200	<i>JOINT SEALANTS</i>

<b>DIVISION 8</b>	<b>OPENINGS</b>
83113	<i>ACCESS DOORS AND FRAMES (as it relates to Plumbing installations)</i>

<b>DIVISION 22</b>	<b>PLUMBING</b>
220100	<i>GENERAL CONDITIONS</i>
220125	<i>SCOPE OF WORK</i>
220130	<i>WATER SUPPLY SYSTEM</i>
220160	<i>SANITARY AND STORM DRAINAGE SYSTEMS</i>
220190	<i>NEW GAS CONNECTIONS AND ASSOCIATED WORK</i>
220300	<i>PLUMBING FIXTURES AND EQUIPMENT</i>
220310	<i>BACKFLOW PREVENTERS</i>
220420	<i>SUPPORTS, SLEEVES AND PLATES</i>
220430	<i>INSULATION</i>
220470	<i>TESTS AND ADJUSTMENTS</i>
220480	<i>TAGS, CHARTS AND IDENTIFICATION</i>
220490	<i>GUARANTEE</i>

<b>DIVISION 32</b>	<b>EXTERIOR IMPROVEMENTS</b>
322301	<i>EXCAVATION, BACKFILL AND COMPACTION</i>
324260	<i>EXCAVATION SUPPORT AND PROTECTION</i>

4. The **Contract for Electrical Construction 1- EC** includes electric power distribution, lighting and telecommunication systems. Work under this prime Contract includes, but is not limited to, the following:



**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of division 00 &amp; 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
33000	CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Electrical Equipment)

<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	PENETRATION FIRESTOPPING
078443	JOINT FIRESTOPPING
079200	JOINT SEALANTS

<b>DIVISION 8</b>	<b>OPENINGS</b>
83113	ACCESS DOORS AND FRAMES (as it relates to Electrical installation)

<b>DIVISION 26</b>	<b>ELECTRICAL</b>
260100	GENERAL CONDITIONS
260125	SCOPE OF WORK
260150	APPROVED MANUFACTURERS
260200	CONDUIT
260300	WIRE AND CABLE
260320	OVERCURRENT PROTECTIVE DEVICES
260350	BOXES
260400	WIRING DEVICES
260425	DIGITAL LIGHTING CONTROL SYSTEM
260425	OCCUPANCY SENSORS
260450	CABINETS AND ENCLOSURES
260500	SUPPORTING DEVICES
260550	GENERAL LABELING AND IDENTIFICATION
260575	INTERIOR LUMINARIES
260600	DISCONNECT SWITCHES
260650	GROUNDING
260675	HIGH PERFORMANCE K-7 DRY TYPE TRANSFORMERS
260700	PANELBOARDS
260800	FIRE ALARM SYSTEM
260825	PUBLIC ADDRESS SYSTEM AND CLOCK SYSTEM
260850	AUDIO VISUAL SYSTEM
260900	GUARANTEE
<b>DIVISION 27</b>	<b>AUDIO VISUAL SYSTEMS</b>
274115	HEARING LOOP SYSTEMS



274116	INTEGRATED AUDIO VISUAL SYSTEMS
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5. The **Contract for Window Construction 1 WC** includes Architectural plus other construction operations traditionally recognized as General Construction. It also includes administrative and coordination responsibilities. Work under this prime Contract includes, but is not limited to, the following:

DIVISION 00 & 01 GENERAL REQUIREMENTS

All of Division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
028400	POLYCHLORINATED BIPHENYLS ABATEMENT
<b>DIVISION 6</b>	<b>WOOD AND PLASTICS</b>
061053	MISCELLANEOUS ROUGH CARPENTRY
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
074200	METAL WINDOW PANELS
074213.23	METAL COMPOSITE MATERIAL WALL PANELS
079200	JOINT SEALANTS
<b>DIVISION 8</b>	<b>OPENINGS</b>
084113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
084113.2	GLAZED ALUMINUM CURTAIN WALLS
088100	SOLAR CONTROL COATED INSULATING GLASS
089119	FIXED LOUVERS
<b>DIVISION 9</b>	<b>FINISHES</b>
099113	EXTERIOR PAINTING

6. Definition of extent of Prime Contract work: The Contract Documents indicate the extent of each prime contract. Except where the Contract Documents contain a more Specific description, general names and terminology on the Drawings and in the Specification Sections determine which prime contract includes a specific element of the Project.
7. Local custom and trade union jurisdictional settlements do not control the scope of Work included in each prime contract. When a potential jurisdictional dispute or similar interruption of work is first identified or threatened, the affected prime contracts shall promptly negotiate a reasonable settlement to avoid or minimize the pending interruption and delays.
8. If it becomes necessary to refer to the contract documents to determine which prime Contract includes a specific element of required work, begin



by referring to the prime Contracts, themselves; then, if a determination cannot be made from the prime Contracts, refer, in the following order, to the Supplementary Conditions, this section of the Specifications, followed by the other Division-1 sections and finally with the Drawings and other Sections of the Specifications.

9. If, after referring to the contract documents, it cannot be clearly determined which prime Contractor will perform a specific item of required work, then that item of work will be included as a part of the prime Contract for General Construction Work.
10. Summary of Reference: Work of the prime Contracts can be summarized by reference to the prime contracts, General Conditions, Supplementary Conditions, and Instructions to Modifications to the Contract Document issued subsequent to the initial printing of the Project Manual and referenced by any of these. It is recognized that the work of the prime Contracts is unavoidably affected or influenced by governing regulations, natural phenomenon, including weather conditions, and other forces outside the contract documents.

#### **1.06 MISCELLANEOUS**

- A. The following additional requirements for the Contractor for **General Construction 1- GC Osborn Elementary School** include, but not limited to the following:
  1. Temporary site protection and fencing.
  2. All blocking and in walls for use by other Contracts and owner's vendors/contractors. Other Contracts and owner's vendor/contractor shall identify the locations of required blocking.
  3. Blocking where necessary for installation of work under the contract for general construction.
  4. Furnish and install all slotted grilles adjacent to convention radiation, including in walls and casework.
  5. Finish patching associated with this Contract Work. Other Contracts are responsible for their own cutting and patching unless noted otherwise.
  6. Steel stud framing for all walls, interior and exterior.
  7. Furnish all dumpsters for building construction, for use by all trades.
  8. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
  9. Install access panels/doors supplied by other trades.
  10. Floor leveling in existing construction is the responsibility of this Contract.
  11. Dewatering facilities and drains.
  12. Fire Protection specialties including fire extinguishers and cases.
  13. Install sleeves and other materials provided by other Contracts. Coordinate location of material installation with other Contractors.
  14. Protection of work after installation.
  15. Fire and smoke stop.
  16. Interior floor, wall and ceiling expansion joints as per the contract documents.



17. Framing for soffits, interior and exterior.
18. All Interior Architectural Woodwork as shown on the contract documents.
19. All louvers, casework and interior millwork.
20. All associated roofing required under this Contract.
21. Provide openings in exterior and interior masonry walls for installation of mechanical equipment and material, including furnishing and installation of lintels. This includes widening of existing openings as may be required.
22. All site work associated with construction of new secure entry vestibule. The Contractor for General Construction (GC) shall coordinate closely with the Plumbing Contractor (PC) with respect to the replacement of water main and storm piping in front of the new secure entry vestibule and provide backfill, compaction and asphalt and concrete replacement above piping work by the PC. See subparagraph 1.06.C.1 below. Per plumbing drawing, assume 30' underground storm piping for estimation of pavement patching required above storm piping.
23. Provide Baseline General Construction Schedule incorporating the other Prime Contracts Schedules with the General Construction Schedule, and provide an update to the construction schedule on a monthly basis for the duration of the project.
24. The Contractor for General Construction (GC) will provide and install windows at the Gym, and all storefront at the security vestibule, which are to be installed in Phase 1A. The Contractor for Window Construction (WC) is responsible for removal and replacement of windows in Rooms 16, 17, 18, 19, 20, 21, 22, 23, 32 and 34.
25. The Contractor for General Construction (GC) is responsible for the entire scope of roof drain replacement as indicated on the roofing drawings and details.
26. The Contractor for General Construction (GC) is responsible for the entire scope of vinyl wall coverings as indicated in the drawings and specifications. The Owner is responsible for magnetic wall coverings.
27. The Contractor for General Construction (GC) shall infill openings at exterior and interior classroom walls at unit ventilators and louvers removed by others, see contract drawings and details.
28. The Contractor for General Construction (GC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate hold dimensions, installation of blocking, etc.

B. The following additional requirements for the Contractor for **Mechanical Construction 1- MC Osborn Elementary School** include, but not limited to the following:

1. Removal of all debris.
2. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction (GC) to install.
3. Provide all excavation and backfill for trenches inside building walls.
4. Provide curbing for rooftop equipment for General Contractor (GC) for installation.



5. Provide starters to Electrical Contractor, installation to be by Electrical Contractor (EC).
6. Protection of work after installation.
7. Mechanical connections to equipment furnished by any other Contract.
8. Coordination Drawings, coordinate with Plumbing Contract and Electrical Contract.
9. Low voltage wiring for HVAC systems.
10. Trades shall identify the locations of required blocking.
11. Housekeeping pads.
12. Cutting and patching unless noted otherwise.
13. Firestopping.
14. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
15. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
16. Coordinate roofing work under this Contract with the General Construction Contract.
17. Furnish to the General Construction Contract portals for roof equipment installation that are required for this Contract work.
18. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
19. MEP to provide updated CPM schedules to the General Contractor.
20. The Contractor for Mechanical Construction (MC) shall coordinate the demolition of existing window AC units and supplying and installing of new window AC units with the removal and replacement of windows by others in Phase 2.

C. The following additional requirements for the Contractor for **Plumbing Construction 1- PC Osborn Elementary School** include, but not limited to the following:

1. The Plumbing Contractor (PC) shall furnish, install and connect all plumbing supply, sanitary, and storm lines inside the building and outside the building, beyond the exterior building wall of the new entry vestibule. The PC will perform exterior excavation to uncover exterior water main and storm piping and replace it as shown on the Plumbing Drawings. The Contractor for General Construction (GC) shall backfill the water main and storm piping following installation and testing and replace concrete curbs and asphalt and concrete paving as required. The PC shall coordinate closely with the GC to complete this work. Per drawing, assume 30' underground storm piping.
2. Removal of all debris.
3. Provide all excavation and backfill for trenches inside building walls, including floor infill and patching to match existing, surrounding materials.
4. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction to install.
5. Provide starters to Electrical Contractor, installation to be by Electrical Contractor.
6. Protection of work after installation.
7. Plumbing connection to equipment furnished by any other Contract.
8. Temporary Water: Provide temporary water service as noted in Section 01 50 00 Temporary Facilities and Controls - 3.2, C.



9. Install fixtures waste, vent, gas, water and other items for equipment provided by other Contracts.
10. Trades shall identify the locations of required blocking.
11. Housekeeping pads.
12. Cutting and patching unless noted otherwise.
13. Firestopping.
14. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
15. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
16. Coordinate roofing work under this Contract with the General Construction Contract.
17. Furnish to the General Construction Contract portals for roof equipment installation that are required for this Contract work.
18. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
19. MEP to provide updated CPM schedules to the General Contractor.
20. The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

D. The following additional requirements for the Contractor for **Electrical Construction 1- EC Osborn Elementary School** include, but not limited to the following:

1. Removal of all debris.
2. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction to install.
3. Provide all excavation and backfill for trenches inside building walls.
4. Install starters supplied by other trades.
5. Protection of work after installation.
6. Electrical connections to equipment supplied by other Contracts.
7. Electrical Contractor will be responsible for all site electrical excavation and backfilling, exclusive of the installation of the new electrical Manhole Structure and Duct Bank.
8. Site lighting and main electric power.
9. Remove and legally dispose of existing PCB containing lighting fixtures, bulbs and ballast.
10. Temporary Electric: Provide Temporary Electrical service and lighting for the project as noted in Section 01 50 00 Temporary Facilities and Controls – 3.2, G, H, & I.
11. Trades shall identify the locations of required blocking.
12. Housekeeping pads.
13. Cutting and patching unless noted otherwise.
14. Firestopping.
15. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
16. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.



17. Upon removal of ceiling resupport/hang all loose hanging wires that hang below the finish ceiling elevations.
18. Coordinate roofing work under this Contract with the General Construction Contract.
19. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
20. MEP to provide updated CPM schedules to the General Contractor.
21. The Contractor for Electrical Construction (EC) will provide and install the specified cable for the telecoil hearing loops, including necessary trenching and infill at floors, per the contract drawings and details.
22. The Contractor for Electrical Construction (EC) shall coordinate the demolition of existing receptacles for window AC units and supplying and installing of new receptacles for window AC units with the removal and replacement of windows by others in Phase 2.
23. The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate installation of electrical conduit and boxes. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.

E. The following additional requirements for the Contractor for **Window Construction 1 WC at Osborn Elementary School** include, but not limited to the following:

1. Install temporary fencing around work area and staging and material storage.
2. Window Contractor is responsible for entire scope of PCB abatement associated with window replacement.
3. Removal of all debris.
4. Coordinate removal of existing windows and installation of new windows at Rooms 16, 17, 18, 19, 20, 21, 22, 23, 32 and 34 with Contractor for General Construction (GC), Construction Manager and Owner. Note that the GC will provide and install windows at the Gym, and all storefront at the security vestibule, which are to be installed in Phase 1A.
5. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
6. Provide Baseline General Construction Schedule incorporating the other Prime Contracts Schedules with the General Construction Schedule, and provide an update to the construction schedule on a monthly basis for the duration of the project.
7. The Contractor for Window Construction (WC) shall provide dust protection at each space during window removal and replacement by installing a 6 mil plastic sheeting partition on the interior side of the window which will allow sufficient space to work but also protect the balance of the space from dust and debris.

F. Temporary service shall be provided as follows:

1. Temporary power and lighting for building and site. Electric consumption to be paid by **Owner**. Temporary electrical service to be available 24hours/day, 7days/week at no additional cost to the owner.



2. Temporary Heat by the **Contractor for General Construction-1- GC Osborn Elementary School** including temporary enclosures at all openings to maintain heat and provide heat for temperature sensitive work activities and material installations and storage, this includes but not limited to cold weather protection for masonry and concrete construction activities. Refer to Temporary Facilities and Controls 01 50 00 for additional information.
3. Temporary sanitary facilities by **Contractor for General Construction 1- GC Osborn Elementary School**. Minimum one unit per 10 workers and separate unit for women with lock as it applies to each School.
4. Temporary water by **Contractor for Plumbing Construction 1- PC Osborn Elementary School**.
5. Snow plowing/shoveling all building areas exposed to weather, inclusive of the Staging Area, temporary parking areas and access to the Owners Trailer/Field Office by **Contractor for General Construction 1- GC Osborn Elementary School**
6. Project identification and safety signs by **Contractor for General Construction1- GC Osborn Elementary School**.
7. Each Contract is responsible for their temporary offices, storage trailers, electric hook-up and phone service.

G. **DAILY CLEANING**

1. Daily Cleaning: All Prime Contracts are responsible for any and all debris caused by their Work, including the Work of their subcontractors. A daily clean up and disposal is required by each Prime Contract for the periods which that Prime Contract, or its sub-contractors, are performing Work on site.
2. Assign at least one person for a daily clean and sweep of the work area(s). Prime Contractor shall allot sufficient manpower and time for this to be completed by the end of each shift. Submit name of this person(s) to Construction Manager.
3. Construction Manager shall have the authority to give direction to person(s) on the Project Site identified by the Prime Contract as designated for cleanup tasks.
4. Any Prime Contract not providing personnel for Daily Cleaning will be Back Charged for labor provided by others to complete this task.
5. Contractor working solely in an area shall be responsible for clean/sweep of that area.
6. Daily cleaning will not mean any one Prime Contract is responsible for assisting another Prime Contract with removing major quantities of debris created by a particular Prime Contract's Work.
7. Daily cleaning will be mandated to remove from the building any debris created by day-to-day activities. Each Prime shall assist in sweeping shared work areas and shared corridors while working on site. Each Prime shall assist in mopping of shared corridors while working on site or as required by the Owner.



8. Prime Contractors shall provide sweeping compound for daily cleaning in their respective interior work areas. Each Prime Contract shall provide a sufficient number of brooms or other necessary tools, for use by their personnel to adequately fulfill their obligations.
9. Prime Contractors shall provide and maintain garbage cans/refuse containers with liners for each construction area of their respective contracts as directed by the Construction Manager and Prime Contractors shall be responsible for disposing of these materials to a dumpster.
10. Prime Contractors shall provide the necessary equipment/containers (lull/skip-box) to move daily clean/sweep debris from the building to a dumpster on a daily basis, for each construction area of their respective contracts.
11. Cleaning shall be deemed a Safety & Health issue, with Prime Contracts being held accountable for fulfilling their contractual obligations.
12. Final Cleaning: At Substantial Completion of each area of construction, each Prime Contract shall wipe/vacuum clean all of their respective installations; Prime Contractors shall mop clean all finish flooring and remove all marks/blemishes to the finish, for each construction area of their respective contracts. Each area of construction shall be wiped clean of all construction dust and debris prior to turnover to the Owner.

#### **1.07 WORK SCHEDULES**

- A. All work: done in accordance with a predetermined detailed Work Schedule agreed upon by Owner and Contractors. Each Prime Contractor shall submit a detailed Work Schedule to the Contractor for General Construction, within 15 days after Award of Contract. Schedule shall include all milestone and other significant dates. Contractor for General Construction shall combine all into a CPM schedule within 30 days of award and update weekly for the duration of the project, all primes to sign off on final CPM Schedule.
  1. Work Schedule shall be computer generated, in CPM format and in an additional format as approved by the Architect and Owner. Work Schedule shall be revised weekly during the Course of the Work. The latest revised Work Schedule shall be submitted each month with the Application for Payment.
- B. General Contractor shall coordinate work with the Owner, other Contractors at the site, and all of its subcontractors.
- C. Locations of trailers, storage areas, parking areas, and staging areas shall be coordinated with the Owner, Construction Manager and Architect.
- D. It will be the responsibility of the Contractor to carefully interface all construction operations until they reach their final completion, and so the Owner's programs and services can be carried on without interruptions so that a smooth flow of all operations by all involved trades will be achieved within the allotted time.

#### **1.08 ACCESS TO THE SITE**

- A. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency



vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

#### **1.09 CODES APPLICABLE**

- A. Construction will be governed by: New York State Uniform Fire Prevention and Building Code, current applicable edition, and its referenced codes and standards.  
State Education Department Manual for Planning Standards.

#### **1.10 PREPARATION OF SITE**

- A. Site drawings indicate existing grade elevations, final grade elevations, and locations of work on the property.
- B. Contractor agrees to accept site as indicated and to remove Encumbrances, which interfere with proper fulfillment of his work without change in Contract Sum.
- C. All Work as noted inside or outside of Contract Limit Lines shall be performed by Contractor as part of Contract Work.

#### **1.11 CONTRACTOR'S USE OF PREMISES**

- A. Confirm Operations at the Site to Areas and Methods Permitted by:
  - 1. Laws.
  - 2. Ordinances.
  - 3. Permits.
  - 4. Contract Documents.
  - 5. Owner's regulations.
- B. General: During the construction period the Contractor shall have full use of the premises for construction operations, in accordance with the General Conditions of the Contract for Construction. The Contractor's use of the premises is limited only by the Owner's right to perform construction operations with its own forces or to employ separate contractors on portions of the project.
- C. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
- D. Do not unreasonable encumber site with materials or equipment.
- E. Do not load structure(s) with weight that will endanger structure.
- F. Each Subcontractor is responsible for protection and safekeeping of his materials, products and equipment stored on the premises of incorporated into the construction, until his contract is complete and accepted by the Owner.
- G. Site Access: Keep driveways and entrances serving the premises clear and



available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

- H. Move at the Contractor's/Subcontractor's cost any stored materials, products or equipment which interfere with operations of Owner or others.
- I. Special Owner Requirements:
  - 1. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building, prior to Substantial Completion provided that such occupancy does not interfere with completion of Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
  - 2. All activities required on the site for completion of the work shall be accomplished within the Contract limit lines as indicated on the Drawings.

#### **1.12 LINE AND LEVELS**

- A. Drawings indicate location of the Work.
- B. Contractor shall layout all Work prior to construction and will be held responsible for its accuracy. Layout approval by Owner and Architect is required prior to construction.
- C. Owner shall establish a "Datum" or "Bench Mark" at convenient locations, which will remain throughout Work, for convenience and constant reference for use of all Contractors.
- D. Each Contractor is responsible for their own survey(s) and layout.

#### **1.13 TIME FOR COMPLETION**

- A. It is understood and mutually agreed that time is of the essence with regard to Substantial Completion of the Work of this Contract.
- B. Contractor agrees that Work shall be prosecuted diligently and uninterruptedly at such rate as will ensure Substantial Completion of all Work and Certificates of Occupancy on or before the date stated in the Contract.
- C. Its is expressly understood and agreed by Contractor and Owner that the time for Substantial Completion and Certificates of Occupancy are reasonable, taking into consideration average Climatic range, restrictions concerning use of the site, and Other conditions prevailing.
- D. Contractor shall schedule the Work accordingly.

#### **1.14 EXAMINATION OF SURFACES TO BE COVERED**



- A. Prior to application of materials included in the various Sections, the installer, the manufacturer's representative, and the Contractor shall together examine the building and surfaces upon which materials are to be supplied.
- B. The installer and the manufacturer's representative shall accept all surfaces and conditions affecting proper installation of their materials. The installer shall not proceed with the work until all conditions and surfaces are satisfactory to him.
- C. The Contractor shall do all work necessary to correct unsatisfactory conditions and surfaces not specifically included as work of the subcontractor.
- D. The subcontractor shall furnish to the Contractor for submission to the Architect 2 copies of his statement, countersigned by the manufacturer or his appointed representative that the entire installation has been made by correct techniques over properly prepared surfaces and under proper job conditions.

#### **1.15 FIRE SAFETY REQUIREMENTS**

- A. The Contractor shall conform to the following mandatory Requirements during the course of the work:
  - 1. Construction related debris shall be cleaned out of the Building at the end of each working day.
  - 2. No combustible materials shall be stored neither within the building, nor on the school grounds unless as directed.

#### **1.16 SCHEDULE OF VALUES REQUIREMENTS**

- A. The Contractor shall conform to the following mandatory requirements for percentages of the total contract value, including accepted add alternates, for the Schedule of Values (SOV) submission:
  - 1. General Conditions – 2%
  - 2. Meeting Attendance – 2%
  - 3. Shop Drawings / Samples Submissions – 1%
  - 4. Temporary Utilities & Services – 1%
  - 5. Coordination Drawings – 1%
  - 6. Punch-List – 1%
  - 7. Close-Out Documents (Warranties/Guarantees, As-Builts & O&M Manuals) – 3%

#### **1.17 COORDINATION DRAWINGS**

- A. The Contractor shall coordinate the work of all Sub-Contractors, arrange space conditions to accommodate the work of all trades and prepare composite drawings as required to scale clearly the work of each trade Contractor in relation to each other.
- B. The Contractor will be held responsible to correct unsatisfactory conditions resulting from improper coordination.
- C. Contractors to communicate and supply shop drawings to each other to insure proper coordination.



- D. Coordination drawings shall be submitted to the Architect for review and approval.
- E. Daily field reports are to be provided by all Contractors to the Construction Manager.
- F. Coordination Meetings:
  - 1. General: Contractors are to prepare a written memorandum on required coordination activities. Include such items as required notices, reports, minutes of meetings, and attendance at meetings. Distribute this memorandum to each entity performing work at the project site. Prepare similar memorandum for separate contractors where interfacing of their work is required.
  - 2. Weekly coordination meetings: Contractors shall schedule and hold weekly general project coordination meetings at regularly scheduled times that are convenient for the attendance of other parties involved in the project (i.e. Owner, Architect, CM, Sub-Contractors etc.). The Contractors shall record meeting results and shall make them available to the Project Team. These meetings are in addition to the specific meetings held for other purposes, such as regular project meetings and special pre-installation meetings. Required attendance includes each prime contractor and every other entity identified by any prime contractor as being currently involved in the coordination or planning for the work of the entire project. Conduct meetings in a manner that resolve coordination problems. The Construction Manager shall have a representative at the meetings. The Contractors shall distribute copies of the meeting result to everyone in attendance, the Architect and to others affected by the decisions and actions resulting from each meeting.
- G. Scaled and figured dimensions with respect to the items are approximate only; sizes of equipment have been taken from typical equipment items of the classes indicated. Before proceeding with the work, the contractor shall carefully check all dimensions and sizes and shall assume full responsibility for the fitting in of equipment and materials to the building and to meet architectural and structural conditions.
- H. Separate plans shall also be prepared for sleeve locations and concrete pads for mechanical equipment required by all contractors for the performance of their work. These drawings shall be coordinated with the coordination drawings. When final information is received, such data shall be promptly inserted on the coordination drawings.
- I. The HVAC Contractor shall provide electronic drawing files, at a scale of 3/8" – 1'-0" showing all HVAC equipment, ductwork, and major piping, including elevations and dimensions to all fixed building elements, such as beams; columns, slabs; ceilings; including ceiling suspensions; framing; floor; walls; doors, including door swings; and windows affected by the equipment, ductwork, and piping. Show all registers, grilles, diffusers, radiators and convectors, and other terminal elements. Show location of all valves, dampers (fire, smoke, volume, and automatic), coils, humidifiers, smoke detectors, etc. requiring access for service and maintenance. Locate all access doors. Include large-scale details and sections as required to fully delineate the conditions in congested areas, leaving space for the work of the other contractors. Show plan



layout of all equipment bases, pads, and inertia blocks. Clearly label all work by HVAC Contractor.

- J. The Plumbing Contractor shall overlay on the electronic coordination drawings prepared by the HVAC Contractor which indicate all HVAC water supply, drain, waste, vent, sprinkler main and branch piping, risers and sprinkler heads and other major lines. Indicate piping elevations and locations of the fire hose cabinets, drinking fountains, etc., which encroach on duct shafts. Locate valves and other items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC work and with building construction. Use same scale as drawing being overlaid. Clearly label all work by Plumbing Contractor.
- K. The Electrical Contractor shall overlay on the electronic coordination drawings prepared by the HVAC, Plumbing and Fire Protection Contractors all main conduit and bus runs, cable trays, light fixtures, major equipment, and switch gear and panel boards and clearances. Show all items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC, Plumbing, and Fire Protection work and with building construction. Use same scale as drawings being overlaid. Clearly label all work by Electrical Contractor.
- L. Each Contractor shall use the signed completed coordination drawings as a working reference. Compare all shop drawings, prior to their submittal to the Architect, with the coordination drawings and revise the shop drawings to fit the coordination drawing condition. If revisions to the coordination drawings are required because of shop drawings, make revisions as directed by Construction Manager and notify all affected contractors with copy of notification to Construction Manager. Maintain up-to-date record of all revisions on own coordination drawing copies; keep one copy at project site.
- M. No extra compensation will be paid to any contractor for relocating any duct, pipe, conduit, or other material installed without coordination among trades involved or among other affected contractors. Each Contractor who causes any additional work to other contractors by improperly coordinated work or work not installed in accordance with the signed coordination drawings shall reimburse the affected other contractors for the cost of the additional work.

**PART 2 – PRODUCTS (Not Used)**

**PART 3 – EXECUTION (Not Used)**

**End of this Section 01 10 10 MULTIPLE CONTRACT SUMMARY**

**OSBORN ELEMENTARY SCHOOL**



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**SECTION 01 10 00**  
**MULTIPLE CONTRACT SUMMARY**  
**MIDLAND ELEMENTARY SCHOOL**

**PART 1 – GENERAL**

**1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

**1.02 WORK COVERED BY CONTRACT DOCUMENTS**

- A. Project Identification: Project consists of the construction of Interior and Exterior Renovations,
  - 1. Project Location:
    - i. Midland School  
312 Midland Avenue  
Rye, NY 10580
  - 2. Owner: Rye City School District, 555 Theodore Fremd Avenue,  
Suite B 101, Rye, NY 10580
- B. Architect Identification: The Contract Documents, dated January 19, 2020 were prepared for Project by Geddis Architects, Fielding International, Odeh Engineers, Weston & Sampson, PE, LS, LA, PC, Barile Gallagher & Associates, DP Design and Quest Environmental Solutions & Technologies, Inc.
- C. Construction Manager: Savin Engineers, P.C., 3 Campus Drive, Pleasantville, New York, 10570, has been engaged as Construction Manager for this Project to serve as an advisor to Owner and to provide assistance in administering the Contract for Construction between Owner and each Contractor, according to a separate contract between Owner and Construction Manager.
- D. The Work consists of the construction of additions and alterations for the Rye City School District.
  - 1. The Work includes, interior renovations of the existing school building, window replacement and roofing replacement as shown on the Contract Documents.
  - 2. All materials, assemblies, forms and methods of construction and service equipment shall comply with the requirements of the latest edition of the New York State Building Code.

**1.03 DRAWINGS INCLUDED IN CONTRACT DOCUMENTS**

- A. Refer to List of Drawings located on Title Sheet of the Drawings.



#### **1.04 CONTRACT**

- A. The owner will award the following Construction Contracts for the Project in order to complete all work as indicated and specified:

##### **Contract 2**

- **Midland ES Contract 2 GC: General Construction**
- **Midland ES Contract 2 MC: Mechanical**
- **Midland ES Contract 2 PC: Plumbing**
- **Midland ES Contract 2 EC: Electrical**
- **Midland ES Contract 2 WC: Windows**

- B. In each case, the Contractor agrees to accept the site, as it exists and to remove any encumbrances, which interfere with proper fulfillment of the Work, without change in the Contract Sum.
- C. Accommodate the Owner's intention to continue occupy in the existing building, including site and to conduct normal school operations during the time of construction of the work.
1. Cooperate with the Owner's personnel in maintaining and facilitating access to the school building and its facilities by school personnel, school staff, and the public, while construction is still in progress.
  2. Emergency access at driveways and building entrances: Keep driveways and entrances serving the occupied school building clear and available to the Owner, the Owner's employees and the public, and to emergency vehicles at all times. Do not obstruct access to these areas or use such areas for parking, construction equipment or storage of materials.
  3. Schedule construction operations so as to minimize conflicts with and interruptions to daily school function. Coordinate necessary interruptions with Owner's personnel.
  4. The existing building must remain operational at all times, therefore the Contractors are responsible to maintain all systems such as but not limited to fire alarm, clocks, public address system, electric, gas services, heat, etc.
- D. The Contractor shall cooperate with separate Contractors for any separate Contracts that the Owner may award.

#### **1.05 MULTIPLE PRIME CONTRACTS**

- A. The Project will be constructed under a multiple prime-contracting agreement. Prime Contracts are separate contracts between the Owner and separate contractors, representing significant construction activities. Each prime contract is performed concurrently with and closely coordinated with construction activities performed on the Project under other prime contracts. Prime Contracts for this Project include:

##### **Contract 2**

- **Midland ES Contract 2 GC: General Construction**
- **Midland ES Contract 2 MC: Mechanical**



- **Midland ES Contract 2 PC: Plumbing**
- **Midland ES Contract 2 EC: Electrical**
- **Midland ES Contract 2 WC: Windows**

B. Contract Documents indicate the work of each prime Contract and related requirements and conditions that have an impact on the project. Related requirements and conditions that are indicated on the Contract Documents include, but are not necessarily limited to the following:

1. Phasing
2. Existing site conditions
3. Alternates
4. Allowances
5. Delegated Design where specified
6. Cutting and Finish Patching unless noted otherwise
7. Miscellaneous Steel associated with each Contract Work.
8. Firestopping
9. Daily Cleaning (All Contracts are responsible for daily cleaning)
  - a. As per paragraph 1.06.G
10. Final Cleanup (All Contracts are responsible for their final cleanup.)

C. Prime Contract Work: Each Prime Contract can be summarized as follows:

1. The **Contract for General Construction 2- GC** includes Architectural, Civil and Structural, plus other construction operations traditionally recognized as General Construction. It also includes administrative and coordination responsibilities. Work under this prime Contract includes, but is not limited to, the following:

#### **DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of Division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
020800	ASBESTOS ABATEMENT
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
033000	CAST-IN-PLACE CONCRETE
035400	SELF LEVELING UNDERLAYMENT
<b>DIVISION 4</b>	<b>MASONRY</b>
042200	CONCRETE UNIT MASONRY
<b>DIVISION 5</b>	<b>METALS</b>
051200	STRUCTURAL STEEL FRAMING
055316	PLANK GRATING
<b>DIVISION 6</b>	<b>WOOD AND PLASTICS</b>
061001	CARPENTRY -ROOFING
061053	MISCELLANEOUS ROUGH CARPENTRY



061600	<i>SHEATHING</i>
062000	<i>FINISH CARPENTRY</i>
064116	<i>PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS</i>
<b>DIVISION 7</b>	<b><i>THERMAL AND MOISTURE PROTECTION</i></b>
071326	<i>SELF-ADHERING SHEET WATERPROOFING</i>
072100	<i>THERMAL INSULATION</i>
072500	<i>WEATHER BARRIERS</i>
074200	<i>METAL WINDOW PANELS</i>
074213.23	<i>METAL COMPOSITE MATERIAL WALL PANELS</i>
075323	<i>EPDM ROOFING</i>
076200	<i>SM SHEET METAL FLASHINGS &amp; SPECIALTIES</i>
077200	<i>ROOF ACCESSORIES</i>
078413	<i>PENETRATION FIRESTOPPING</i>
078443	<i>JOINT FIRESTOPPING</i>
079200	<i>JOINT SEALANTS</i>
<b>DIVISION 8</b>	<b><i>OPENINGS</i></b>
081100	<i>STEEL WINDOW FRAMES</i>
081113	<i>HOLLOW METAL DOORS AND FRAMES</i>
081416	<i>FLUSH WOOD DOORS</i>
083113	<i>ACCESS DOORS AND FRAMES</i>
083300	<i>ROLLING COUNTER FIRE SHUTTERS</i>
084113	<i>ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS</i>
084113.1	<i>GLAZED ALUMINUM CURTAIN WALLS</i>
085667	<i>BULLET-RESISTANT STEEL TRANSACTION WINDOWS</i>
087100	<i>DOOR HARDWARE</i>
088100	<i>SOLAR CONTROL COATED INSULATING GLASS</i>
088101	<i>INTERIOR GLASS AND GLAZING</i>
088700	<i>DECORATIVE GLAZING FILM</i>
088853.1	<i>1" IGU SECURITY GLAZING –<del>SHOOTER ATTACK</del> <del>INSULATED GLASS</del></i>
088853.2	<i>SECURITY GLAZING - 45 MIN</i>
088853.3	<i>SECURITY GLAZING - 90 MIN</i>
089119	<i>FIXED LOUVERS</i>
<b>DIVISION 9</b>	<b><i>FINISHES</i></b>
090561.13	<i>MOISTURE VAPOR EMISSION CONTROL</i>
092116.23	<i>GYPSUM BOARD SHAFT WALL ASSEMBLIES</i>
092216	<i>NON-STRUCTURAL METAL FRAMING</i>
092900	<i>GYPSUM BOARD</i>
093013	<i>CERAMIC TILING</i>
095123	<i>ACOUSTICAL TILE CEILINGS</i>
096500	<i>RESILIENT FLOORING</i>
096513	<i>RESILIENT BASE AND ACCESSORIES</i>



096519	RESILIENT TILE FLOORING
097213	VINYL WALL COVERINGS
097700	MAGNETIC WALL COVERINGS
098129	SPRAY APPLIED ACOUSTICAL INSULATION
098430	SOUND ABSORBING WALL PANELS
099113	EXTERIOR PAINTING
099123	INTERIOR PAINTING
099300	STAINING AND TRANSPARENT FINISHING
<b>DIVISION 10</b>	<b>SPECIALTIES</b>
101400	SIGNAGE
101423.16	ROOM-IDENTIFICATION PANEL SIGNAGE
102113.17	PHENOLIC-CORE TOILET COMPARTMENTS
102641	BULLET RESISTANT PANELS
104400	FIRE PROTECTION SPECIALTIES
108100.1	TOILET AND BATH ACCESSORIES
<b>DIVISION 11</b>	<b>EQUIPMENT</b>
115213	PROJECTION SCREENS
116137	CURTAIN SYSTEMS
<b>DIVISION 12</b>	<b>FURNISHINGS</b>
122000	WINDOW TREATMENTS
123661.16	SOLID SURFACING COUNTERTOPS
<b>DIVISION 31</b>	<b>EARTHWORK</b>
312323	GEOFOAM LIGHTWEIGHT FILL
<b>DIVISION 32</b>	<b>EXTERIOR IMPROVEMENTS</b>
321000	SITE PREPARATION
322301	EXCAVATION, BACKFILL AND COMPACTION
322513	EROSION AND SEDIMENT CONTROL
324260	EXCAVATION SUPPORT AND PROTECTION
<b>DIVISION 33</b>	<b>SITE UTILITIES</b>
331216	ASPHALT PAVING
331313	CONCRETE PAVEMENT AND CURBS
333113	CHAIN LINK FENCES AND GATES
339220	RESTORATION OF TURF AREAS

- 2 The **Contract for Mechanical Construction 2- MC** includes heating, ventilation, and air conditioning system and the temperature control system. Work under this prime Contract includes, but is not limited to, the following:

DIVISION 00 & 01 GENERAL REQUIREMENTS

All division 00 & 01



<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
33000	CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Mechanical Equipment)
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	PENETRATION FIRESTOPPING
078443	JOINT FIRESTOPPING
079200	JOINT SEALANTS

<b>DIVISION 8</b>	<b>OPENINGS</b>
83113	ACCESS DOORS AND FRAMES (as it relates to Mechanical installations)
<b>DIVISION 23</b>	<b>HEATING, VENTILATING AND AIR CONDITIONING</b>
230100	GENERAL CONDITIONS
230110	SCOPE OF WORK
230115	DUCT CLEANING
230120	CONVERSION OF EXISTING STEAM BOILERS TO HOT WATER
230130	BOILER START-UP AND TESTING
230190	PUMPS
230200	HYDRONIC SPECIALTIES
230225	FAN COIL UNITS
230230	UNIT VENTILATORS
230235	ROOFTOP ENERGY RECOVERY UNITS
230240	COMMERCIAL AIR-COOLED CONDENSING UNITS
230245	PACKAGED ROOFTOP UNITS
230255	VRF INDOOR UNITS
230260	DUCTLESS SPLIT SYSTEMS
230265	VRF HEAT RECOVERY OUTDOOR UNITS
230280	VARIABLE FREQUENCY DRIVES
230290	DUCT MOUNTED COILS
230300	FANS
230310	HOT WATER CABINET HEATERS
230320	HOT WATER UNIT HEATERS
230330	CONVECTORS
230340	FIN TUBE RADIATION
230400	SHEETMETAL WORK AND RELATED ACCESSORIES
230405	DUCT SILENCERS
230410	PIPING, FITTINGS, VALVES AND NOTES (HOT WATER)



230420	<i>SUPPORTS, SLEEVES AND PLATES</i>
230430	<i>INSULATION AND COVERINGS</i>
230440	<i>DAMPERS AND MISCELLANEOUS</i>
230460	<i>AUTOMATIC TEMPERATURE CONTROLS</i>
230470	<i>TESTING, START-UP AND ADJUSTMENTS</i>
230480	<i>GENERAL LABELING, VALVE CHARTS AND PIPING IDENTIFICATION</i>
230485	<i>HVAC SYSTEMS COMMISSIONING</i>
230490	<i>GUARANTEE</i>

3. The **Contract for Plumbing Construction 2- PC** includes plumbing equipment, accessories and piping systems. Work under this prime Contract includes, but is not limited to, the following:

DIVISION 00 & 01 GENERAL REQUIREMENTS  
All of division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
024119	<i>SELECTIVE DEMOLITION</i>
028300	<i>LEAD-BASED PAINT SAFE WORK PRACTICES</i>
<b>DIVISION 3</b>	<b>CONCRETE</b>
33000	<i>CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Plumbing Equipment)</i>

<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	<i>PENETRATION FIRESTOPPING</i>
078443	<i>JOINT FIRESTOPPING</i>
079200	<i>JOINT SEALANTS</i>

<b>DIVISION 8</b>	<b>OPENINGS</b>
83113	<i>ACCESS DOORS AND FRAMES (as it relates to Plumbing installations)</i>

<b>DIVISION 22</b>	<b>PLUMBING</b>
220100	<i>GENERAL CONDITIONS</i>
220125	<i>SCOPE OF WORK</i>
220130	<i>WATER SUPPLY SYSTEM</i>
220160	<i>SANITARY AND STORM DRAINAGE SYSTEMS</i>
220190	<i>NEW GAS CONNECTIONS AND ASSOCIATED WORK</i>
220300	<i>PLUMBING FIXTURES AND EQUIPMENT</i>
220420	<i>SUPPORTS, SLEEVES AND PLATES</i>
220430	<i>INSULATION</i>
220470	<i>TESTS AND ADJUSTMENTS</i>
220480	<i>TAGS, CHARTS AND IDENTIFICATION</i>
220490	<i>GUARANTEE</i>



4. The **Contract for Electrical Construction 2- EC** includes electric power distribution, lighting and telecommunication systems. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
33000	CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Electrical Equipment)

<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	PENETRATION FIRESTOPPING
078443	JOINT FIRESTOPPING
079200	JOINT SEALANTS

<b>DIVISION 8</b>	<b>OPENINGS</b>
83113	ACCESS DOORS AND FRAMES (as it relates to Electrical installations)

<b>DIVISION 26</b>	<b>ELECTRICAL</b>
260100	GENERAL CONDITIONS
260125	SCOPE OF WORK
260150	APPROVED MANUFACTURERS
260200	CONDUIT
260250	DUCT BANK
260275	15 KV MEDIUM VOLTAGE CABLE
260300	MATERIALS AND METHODS
260320	OVERCURRENT PROTECTIVE DEVICES
260350	BOXES
260400	WIRING DEVICES
206425	DIGITAL LIGHTING CONTROL SYSTEM
260450	CABINETS AND ENCLOSURES
260500	SUPPORTING DEVICES
260550	GENERAL LABELING AND IDENTIFICATION
260575	INTERIOR LUMINAIRES
260600	DISCONNECT SWITCHES
260650	GROUNDING
260700	PANELBOARDS
260725	SWITCHBOARD
260750	ELECTRIC SERVICE
260775	SURGE SUPPRESSOR
260800	FIRE ALARM SYSTEM
260825	PUBLIC ADDRESS SYSTEM
260875	LIGHTING CONTROL SYSTEM



260890	<i>ELECTRICAL SYSTEMS COMMISSIONING</i>
260900	<i>GUARANTEE</i>

<b>DIVISION 32</b>	<b><i>EXTERIOR IMPROVEMENTS</i></b> (As it relates to electrical service)
321000	SITE PREPARATION
322301	EXCAVATION, BACKFILL AND COMPACTION
322513	EROSION AND SEDIMENT CONTROL
324260	EXCAVATION SUPPORT AND PROTECTION
<b>DIVISION 33</b>	<b><i>SITE UTILITIES</i></b> (As it relates to electrical service)
331216	ASPHALT PAVING
331313	CONCRETE PAVEMENT AND CURBS
333113	CHAIN LINK FENCES AND GATES
339220	RESTORATION OF TURF AREAS

5. The **Contract for Window Construction 2 WC** includes Architectural plus other construction operations traditionally recognized as General Construction. It also includes administrative and coordination responsibilities. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of Division 00 & 01

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS</i></b>
024119	<i>SELECTIVE DEMOLITION</i>
028300	<i>LEAD-BASED PAINT SAFE WORK PRACTICES</i>
<b>DIVISION 6</b>	<b><i>WOOD AND PLASTICS</i></b>
061053	<i>MISCELLANEOUS ROUGH CARPENTRY</i>
<b>DIVISION 7</b>	<b><i>THERMAL AND MOISTURE PROTECTION</i></b>
074200	<i>METAL WINDOW PANELS</i>
074213.23	<i>METAL COMPOSITE MATERIAL WALL PANELS</i>
079200	<i>JOINT SEALANTS</i>
<b>DIVISION 8</b>	<b><i>OPENINGS</i></b>
084113	<i>ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS</i>
084113.1	<i>GLAZED ALUMINUM CURTAIN WALLS</i>
088100	<i>SOLAR CONTROL COATED INSULATING GLASS</i>
089119	<i>FIXED LOUVERS</i>
<b>DIVISION 9</b>	<b><i>FINISHES</i></b>
099113	<i>EXTERIOR PAINTING</i>

6. Definition of extent of Prime Contract work: The Contract Documents indicate the extent of each prime contract. Except where the Contract



Documents contain a more Specific description, general names and terminology on the Drawings and in the Specification Sections determine which prime contract includes a specific element of the Project.

7. Local custom and trade union jurisdictional settlements do not control the scope of Work included in each prime contract. When a potential jurisdictional dispute or similar interruption of work is first identified or threatened, the affected prime contracts shall promptly negotiate a reasonable settlement to avoid or minimize the pending interruption and delays.
8. If it becomes necessary to refer to the contract documents to determine which prime Contract includes a specific element of required work, begin by referring to the prime Contracts, themselves; then, if a determination cannot be made from the prime Contracts, refer, in the following order, to the Supplementary Conditions, this section of the Specifications, followed by the other Division-1 sections and finally with the Drawings and other Sections of the Specifications.
9. If, after referring to the contract documents, it cannot be clearly determined which prime Contractor will perform a specific item of required work, then that item of work will be included as a part of the prime Contract for General Construction Work.
10. Summary of Reference: Work of the prime Contracts can be summarized by reference to the prime contracts, General Conditions, Supplementary Conditions, and Instructions to Modifications to the Contract Document issued subsequent to the initial printing of the Project Manual and referenced by any of these. It is recognized that the work of the prime Contracts is unavoidably affected or influenced by governing regulations, natural phenomenon, including weather conditions, and other forces outside the contract documents.

#### **1.06 MISCELLANEOUS**

- A. The following additional requirements for the Contractor for **General Construction 2- GC Midland Elementary School** include, but not limited to the following:
  1. Temporary site protection and fencing.
  2. All blocking and in walls for use by other trades. Other trades shall identify the locations of required blocking.
  3. Blocking where necessary for installation of work under the contract for general construction.
  4. Furnish and install all slotted grilles adjacent to convention radiation, including in walls and casework.
  5. Finish patching associated with this Contract Work. Other Contracts are responsible for their own cutting and patching unless noted otherwise.
  6. Steel stud framing for all walls, interior and exterior.
  7. Furnish all dumpsters for building construction, for use by all trades.
  8. Install access panels/doors supplied by other trades.



9. Floor leveling in existing construction is the responsibility of this Contract.
10. Dewatering facilities and drains.
11. Fire Protection specialties including fire extinguishers and cases.
12. Install sleeves and other materials provided by other Contracts. Coordinate location of material installation with other Contractors.
13. Protection of work after installation.
14. Fire and smoke stop.
15. Interior floor, wall and ceiling expansion joints as per the contract documents.
16. Framing for soffits, interior and exterior.
17. All Interior Architectural Woodwork as shown on the contract documents.
18. All louvers, casework and interior millwork.
19. Provide openings in exterior and interior masonry walls for installation of mechanical equipment and material, including furnishing and installation of lintels. This includes widening of existing openings as may be required.
20. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
21. Provide Baseline General Construction Schedule incorporating the other Prime Contracts Schedules with the General Construction Schedule, and provide an update to the construction schedule on a monthly basis for the duration of the project.
22. The Contractor for General Construction (GC) will remove and replace all exterior doors where indicated, and all storefront at the security vestibule, which are to be installed in Phase 1A. The Contractor for Window Construction (WC) is responsible for removal and replacement of all windows indicated.
23. The Contractor for General Construction (GC) is responsible for the entire scope of vinyl wall coverings as indicated in the drawings and specifications. The Owner is responsible for magnetic wall coverings.
24. The Contractor for General Construction (GC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate hold dimensions, installation of blocking, etc.

B. The following additional requirements for the Contractor for **Mechanical Construction 2- MC Midland Elementary School** include, but not limited to the following:

1. Removal of all debris.
2. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction (GC) to install.
3. Provide all excavation and backfill for trenches inside building walls.
4. Provide curbing for rooftop equipment for General Contractor (GC) for installation.
5. Provide starters to Electrical Contractor, installation to be by Electrical Contractor (EC).
6. Protection of work after installation.
7. Mechanical connections to equipment furnished by any other Contract.



8. Coordination Drawings, coordinate with Plumbing Contract and Electrical Contract.
9. Low voltage wiring for HVAC systems.
10. Trades shall identify the locations of required blocking.
11. Housekeeping pads.
12. Cutting and patching unless noted otherwise.
13. Firestopping.
14. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
15. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
16. Coordinate roofing work under this Contract with the General Construction Contract.
17. Furnish to the General Construction Contractor portals for roof equipment installation that are required for this Contract work.
18. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
19. MEP to provide updated CPM schedules to the General Contractor.
20. The Contractor for Mechanical Construction (MC) shall coordinate the demolition of existing window AC units and supplying and installing of new window AC units with the removal and replacement of windows by others in Phase 2.

C. The following additional requirements for the Contractor for **Plumbing Construction 2- PC Midland Elementary School** include, but not limited to the following:

1. The Plumbing contractor shall furnish, install and connect all plumbing supply, sanitary, and storm lines inside the building and to 5' (five feet) beyond the exterior building wall.
2. Removal of all debris.
3. Provide all excavation and backfill for trenches inside building walls, including floor infill and patching to match existing, surrounding materials.
4. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction to install.
5. Provide starters to Electrical Contractor, installation to be by Electrical Contractor.
6. Protection of work after installation.
7. Plumbing connection to equipment furnished by any other Contract.
8. Temporary Water: Provide temporary water service as noted in Section 01 50 00 Temporary Facilities and Controls - 3.2, C.
9. Install fixtures waste, vent, gas, water and other items for equipment provided by other Contracts.
10. Trades shall identify the locations of required blocking.
11. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
12. Housekeeping pads.
13. Cutting and patching.
14. Firestopping.



15. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
16. Coordinate roofing work under this Contract with the General Construction Contract.
17. Furnish to the General Construction Contractor portals for roof equipment installation that are required for this Contract work.
18. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
19. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
20. MEP to provide updated CPM schedules to the General Contractor.
21. The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

D. The following additional requirements for the Contractor for **Electrical Construction 2- EC Midland Elementary School** include, but not limited to the following:

1. Removal of all debris.
2. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction to install.
3. Provide all excavation and backfill for trenches inside building walls.
4. Install starters supplied by other trades.
5. Protection of work after installation.
6. Electrical connections to equipment supplied by other Contracts.
7. Electrical Contractor will be responsible for all site electrical excavation and backfilling, exclusive of the installation of the new electrical Manhole Structure and Duct Bank.
8. Site lighting and main electric power.
9. Remove and legally dispose of existing PCB containing lighting fixtures, bulbs and ballast.
10. Temporary Electric: Provide Temporary Electrical service and lighting for the project as noted in Section 01 50 00 Temporary Facilities and Controls – 3.2, G, H & I.
11. Electrical Contract will remove wiring to light fixtures, drop fixtures to floor for GC Contract-1 to pick up and dispose of.
12. Trades shall identify the locations of required blocking.
13. Housekeeping pads.
14. Cutting and patching.
15. Firestopping.
16. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
17. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
18. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
19. MEP to provide updated CPM schedules to the General Contractor.



20. All work associated with the installation of the upgraded electrical service to the Midland Elementary School.
21. The Contractor for Electrical Construction (EC) will provide and install the specified cable for the telecoil hearing loops, including necessary trenching and infill at floors, per the contract drawings and details.
22. The Contractor for Electrical Construction (EC) shall coordinate the demolition of existing receptacles for window AC units and supplying and installing of new receptacles for window AC units with the removal and replacement of windows in by others in Phase 2.
23. The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate installation of electrical conduit and boxes. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.

E. The following additional requirements for the Contractor for **Window Construction 2 WC at Midland Elementary School** include, but not limited to the following:

1. Install temporary fencing around work area and staging and material storage.
2. Removal of all debris.
3. Coordinate removal of existing windows and installation of all new windows with Contractor for General Construction (GC), Construction Manager and Owner. Window types 12 and 21 which surround new Door E-17 are in Phase 1A. Windows at the Main Office and Media Center areas are in Phase 1B. The balance of windows are in Phase 2. Note that the GC will remove and replace all exterior doors where indicated, and all storefront at the security vestibule, which are to be installed in Phase 1A.
4. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
5. Provide Baseline General Construction Schedule incorporating the other Prime Contracts Schedules with the General Construction Schedule, and provide an update to the construction schedule on a monthly basis for the duration of the project.
6. The Contractor for Window Construction (WC) shall provide dust protection at each space during window removal and replacement by installing a 6 mil plastic sheeting partition on the interior side of the window which will allow sufficient space to work but also protect the balance of the space from dust and debris. Where a partition is not feasible due to space configuration, the WC shall cover all furnishings and equipment within the interior space with 6 mil plastic sheeting before commencing work, and thoroughly clean the space of all dust and debris after completing the work but before removing the dust protection.

F. Temporary service shall be provided as follows:

1. Temporary power and lighting for building and site. Electric consumption to be paid by **Owner**. Temporary electrical service to be available 24hours/day, 7days/week at no additional cost to the owner.



2. Temporary Heat by the **Contractor for General Construction-2- GC Midland Elementary School** including temporary enclosures at all openings to maintain heat and provide heat for temperature sensitive work activities and material installations and storage, this includes but not limited to cold weather protection for masonry and concrete construction activities. Refer to Temporary Facilities and Controls 01 50 00 for additional information.
3. Temporary sanitary facilities by **Contractor for General Construction 2- GC Midland Elementary School**. Minimum one unit per 10 workers and separate unit for women with lock as it applies to each School.
4. Temporary water by **Contractor for Plumbing Construction 2- PC Midland Elementary School**.
5. Snow plowing/shoveling all building areas exposed to weather, inclusive of the Staging Area, temporary parking areas and access to the Owners Trailer/Field Office by **Contractor for General Construction 2- GC Midland Elementary School**
6. Project identification and safety signs by **Contractor for General Construction 2- GC Midland Elementary School**.
7. Each Contract is responsible for their temporary offices, storage trailers, electric hook-up and phone service.

G. **DAILY CLEANING**

1. Daily Cleaning: All Prime Contracts are responsible for any and all debris caused by their Work, including the Work of their subcontractors. A daily clean up and disposal is required by each Prime Contract for the periods which that Prime Contract, or its sub-contractors, are performing Work on site.
2. Assign at least one person for a daily clean and sweep of the work area(s). Prime Contractor shall allot sufficient manpower and time for this to be completed by the end of each shift. Submit name of this person(s) to Construction Manager.
3. Construction Manager shall have the authority to give direction to person(s) on the Project Site identified by the Prime Contract as designated for cleanup tasks.
4. Any Prime Contract not providing personnel for Daily Cleaning will be Back Charged for labor provided by others to complete this task.
5. Contractor working solely in an area shall be responsible for clean/sweep of that area.
6. Daily cleaning will not mean any one Prime Contract is responsible for assisting another Prime Contract with removing major quantities of debris created by a particular Prime Contract's Work.
7. Daily cleaning will be mandated to remove from the building any debris created by day-to-day activities. Each Prime shall assist in sweeping shared work areas and shared corridors while working on site. Each Prime shall assist in mopping of shared corridors while working on site or as required by the Owner.



8. Prime Contractors shall provide sweeping compound for daily cleaning in their respective interior work areas. Each Prime Contract shall provide a sufficient number of brooms or other necessary tools, for use by their personnel to adequately fulfill their obligations.
9. Prime Contractors shall provide and maintain garbage cans/refuse containers with liners for each construction area of their respective contracts as directed by the Construction Manager and Prime Contractors shall be responsible for disposing of these materials to a dumpster.
10. Prime Contractors shall provide the necessary equipment/containers (lull/skip-box) to move daily clean/sweep debris from the building to a dumpster on a daily basis, for each construction area of their respective contracts.
11. Cleaning shall be deemed a Safety & Health issue, with Prime Contracts being held accountable for fulfilling their contractual obligations.
12. Final Cleaning: At Substantial Completion of each area of construction, each Prime Contract shall wipe/vacuum clean all of their respective installations; Prime Contractors shall mop clean all finish flooring and remove all marks/blemishes to the finish, for each construction area of their respective contracts. Each area of construction shall be wiped clean of all construction dust and debris prior to turnover to the Owner.

#### **1.07 WORK SCHEDULES**

- A. All work: done in accordance with a predetermined detailed Work Schedule agreed upon by Owner and Contractors. Each Prime Contractor shall submit a detailed Work Schedule to the Contractor for General Construction, within 15 days after Award of Contract. Schedule shall include all milestone and other significant dates. Contractor for General Construction shall combine all into a CPM schedule within 30 days of award and update weekly for the duration of the project, all primes to sign off on final CPM Schedule.
  1. Work Schedule shall be computer generated, in CPM format and in an additional format as approved by the Architect and Owner. Work Schedule shall be revised weekly during the Course of the Work. The latest revised Work Schedule shall be submitted each month with the Application for Payment.
- B. General Contractor shall coordinate work with the Owner, other Contractors at the site, and all of its subcontractors.
- C. Locations of trailers, storage areas, parking areas, and staging areas shall be coordinated with the Owner, Construction Manager and Architect.
- D. It will be the responsibility of the Contractor to carefully interface all construction operations until they reach their final completion, and so the Owner's programs and services can be carried on without interruptions so that a smooth flow of all operations by all involved trades will be achieved within the allotted time.

#### **1.08 ACCESS TO THE SITE**

- A. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency



vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

#### **1.09 CODES APPLICABLE**

- A. Construction will be governed by: New York State Uniform Fire Prevention and Building Code, current applicable edition, and its referenced codes and standards.  
State Education Department Manual for Planning Standards.

#### **1.10 PREPARATION OF SITE**

- A. Site drawings indicate existing grade elevations, final grade elevations, and locations of work on the property.
- B. Contractor agrees to accept site as indicated and to remove Encumbrances, which interfere with proper fulfillment of his work without change in Contract Sum.
- C. All Work as noted inside or outside of Contract Limit Lines shall be performed by Contractor as part of Contract Work.

#### **1.11 CONTRACTOR'S USE OF PREMISES**

- A. Confirm Operations at the Site to Areas and Methods Permitted by:
  - 1. Laws.
  - 2. Ordinances.
  - 3. Permits.
  - 4. Contract Documents.
  - 5. Owner's regulations.
- B. General: During the construction period the Contractor shall have full use of the premises for construction operations, in accordance with the General Conditions of the Contract for Construction. The Contractor's use of the premises is limited only by the Owner's right to perform construction operations with its own forces or to employ separate contractors on portions of the project.
- C. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
- D. Do not unreasonable encumber site with materials or equipment.
- E. Do not load structure(s) with weight that will endanger structure.
- F. Each Subcontractor is responsible for protection and safekeeping of his materials, products and equipment stored on the premises of incorporated into the construction, until his contract is complete and accepted by the Owner.



- G. Site Access: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- H. Move at the Contractor's/Subcontractor's cost any stored materials, products or equipment which interfere with operations of Owner or others.
- I. Special Owner Requirements:
  - 1. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building, prior to Substantial Completion provided that such occupancy does not interfere with completion of Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
  - 2. All activities required on the site for completion of the work shall be accomplished within the Contract limit lines as indicated on the Drawings.

#### **1.12 LINE AND LEVELS**

- A. Drawings indicate location of the Work.
- B. Contractor shall layout all Work prior to construction and will be held responsible for its accuracy. Layout approval by Owner and Architect is required prior to construction.
- C. Owner shall establish a "Datum" or "Bench Mark" at convenient locations, which will remain throughout Work, for convenience and constant reference for use of all Contractors.
- D. Each Contractor is responsible for their own survey(s) and layout.

#### **1.13 TIME FOR COMPLETION**

- A. It is understood and mutually agreed that time is of the essence with regard to Substantial Completion of the Work of this Contract.
- B. Contractor agrees that Work shall be prosecuted diligently and uninterruptedly at such rate as will ensure Substantial Completion of all Work and Certificates of Occupancy on or before the date stated in the Contract.
- C. Its is expressly understood and agreed by Contractor and Owner that the time for Substantial Completion and Certificates of Occupancy are reasonable, taking into consideration average Climatic range, restrictions concerning use of the site, and Other conditions prevailing.
- D. Contractor shall schedule the Work accordingly.

#### **1.14 EXAMINATION OF SURFACES TO BE COVERED**



- A. Prior to application of materials included in the various Sections, the installer, the manufacturer's representative, and the Contractor shall together examine the building and surfaces upon which materials are to be supplied.
- B. The installer and the manufacturer's representative shall accept all surfaces and conditions affecting proper installation of their materials. The installer shall not proceed with the work until all conditions and surfaces are satisfactory to him.
- C. The Contractor shall do all work necessary to correct unsatisfactory conditions and surfaces not specifically included as work of the subcontractor.
- D. The subcontractor shall furnish to the Contractor for submission to the Architect 2 copies of his statement, countersigned by the manufacturer or his appointed representative that the entire installation has been made by correct techniques over properly prepared surfaces and under proper job conditions.

#### **1.15 FIRE SAFETY REQUIREMENTS**

- A. The Contractor shall conform to the following mandatory Requirements during the course of the work:
  - 1. Construction related debris shall be cleaned out of the Building at the end of each working day.
  - 2. No combustible materials shall be stored neither within the building, nor on the school grounds unless as directed.

#### **1.16 SCHEDULE OF VALUES REQUIREMENTS**

- A. The Contractor shall conform to the following mandatory requirements for percentages of the total contract value, including accepted add alternates, for the Schedule of Values (SOV) submission:
  - 1. General Conditions – 2%
  - 2. Meeting Attendance – 2%
  - 3. Shop Drawings / Samples Submissions – 1%
  - 4. Temporary Utilities & Services – 1%
  - 5. Coordination Drawings – 1%
  - 6. Punch-List – 1%
  - 7. Close-Out Documents (Warranties/Guarantees, As-Builts & O&M Manuals) – 3%

#### **1.17 COORDINATION DRAWINGS**

- A. The Contractor shall coordinate the work of all Sub-Contractors, arrange space conditions to accommodate the work of all trades and prepare composite drawings as required to scale clearly the work of each trade Contractor in relation to each other.
- B. The Contractor will be held responsible to correct unsatisfactory conditions resulting from improper coordination.
- C. Contractors to communicate and supply shop drawings to each other to insure proper coordination.



- D. Coordination drawings shall be submitted to the Architect for review and approval.
- E. Daily field reports are to be provided by all Contractors to the Construction Manager.
- F. Coordination Meetings:
  - 1. General: Contractors are to prepare a written memorandum on required coordination activities. Include such items as required notices, reports, minutes of meetings, and attendance at meetings. Distribute this memorandum to each entity performing work at the project site. Prepare similar memorandum for separate contractors where interfacing of their work is required.
  - 2. Weekly coordination meetings: Contractors shall schedule and hold weekly general project coordination meetings at regularly scheduled times that are convenient for the attendance of other parties involved in the project (i.e. Owner, Architect, CM, Sub-Contractors etc.). The Contractors shall record meeting results and shall make them available to the Project Team. These meetings are in addition to the specific meetings held for other purposes, such as regular project meetings and special pre-installation meetings. Required attendance includes each prime contractor and every other entity identified by any prime contractor as being currently involved in the coordination or planning for the work of the entire project. Conduct meetings in a manner that resolve coordination problems. The Construction Manager shall have a representative at the meetings. The Contractors shall distribute copies of the meeting result to everyone in attendance, the Architect and to others affected by the decisions and actions resulting from each meeting.
- G. Scaled and figured dimensions with respect to the items are approximate only; sizes of equipment have been taken from typical equipment items of the classes indicated. Before proceeding with the work, the contractor shall carefully check all dimensions and sizes and shall assume full responsibility for the fitting in of equipment and materials to the building and to meet architectural and structural conditions.
- H. Separate plans shall also be prepared for sleeve locations and concrete pads for mechanical equipment required by all contractors for the performance of their work. These drawings shall be coordinated with the coordination drawings. When final information is received, such data shall be promptly inserted on the coordination drawings.
- I. The HVAC Contractor shall provide electronic drawing files, at a scale of 3/8" – 1'-0" showing all HVAC equipment, ductwork, and major piping, including elevations and dimensions to all fixed building elements, such as beams; columns, slabs; ceilings; including ceiling suspensions; framing; floor; walls; doors, including door swings; and windows affected by the equipment, ductwork, and piping. Show all registers, grilles, diffusers, radiators and convectors, and other terminal elements. Show location of all valves, dampers (fire, smoke, volume, and automatic), coils, humidifiers, smoke detectors, etc. requiring access for service and maintenance. Locate all access doors. Include large-scale details and sections as required to fully delineate the conditions in congested areas, leaving space for the work of the other contractors. Show plan



layout of all equipment bases, pads, and inertia blocks. Clearly label all work by HVAC Contractor.

- J. The Plumbing Contractor shall overlay on the electronic coordination drawings prepared by the HVAC Contractor which indicate all HVAC water supply, drain, waste, vent, sprinkler main and branch piping, risers and sprinkler heads and other major lines. Indicate piping elevations and locations of the fire hose cabinets, drinking fountains, etc., which encroach on duct shafts. Locate valves and other items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC work and with building construction. Use same scale as drawing being overlaid. Clearly label all work by Plumbing Contractor.
- K. The Electrical Contractor shall overlay on the electronic coordination drawings prepared by the HVAC, Plumbing and Fire Protection Contractors all main conduit and bus runs, cable trays, light fixtures, major equipment, and switch gear and panel boards and clearances. Show all items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC, Plumbing, and Fire Protection work and with building construction. Use same scale as drawings being overlaid. Clearly label all work by Electrical Contractor.
- L. Each Contractor shall use the signed completed coordination drawings as a working reference. Compare all shop drawings, prior to their submittal to the Architect, with the coordination drawings and revise the shop drawings to fit the coordination drawing condition. If revisions to the coordination drawings are required because of shop drawings, make revisions as directed by Construction Manager and notify all affected contractors with copy of notification to Construction Manager. Maintain up-to-date record of all revisions on own coordination drawing copies; keep one copy at project site.
- M. No extra compensation will be paid to any contractor for relocating any duct, pipe, conduit, or other material installed without coordination among trades involved or among other affected contractors. Each Contractor who causes any additional work to other contractors by improperly coordinated work or work not installed in accordance with the signed coordination drawings shall reimburse the affected other contractors for the cost of the additional work.

**PART 2 – PRODUCTS (Not Used)**

**PART 3 – EXECUTION (Not Used)**

**End of this Section 01 10 10 MULTIPLE CONTRACT SUMMARY**

**MIDLAND ELEMENTARY SCHOOL**



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**SECTION 01 10 00**  
**MULTIPLE CONTRACT SUMMARY**  
**MILTON ELEMENTARY SCHOOL**

**PART 1 – GENERAL**

**1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

**1.02 WORK COVERED BY CONTRACT DOCUMENTS**

- A. Project Identification: Project consists of the construction of Interior and Exterior Renovations,
  - 1. Project Location:
    - i. Milton School  
12 Hewlett Avenue  
Rye, NY 10580
  - 2. Owner: Rye City School District, 555 Theodore Fremd Avenue,  
Suite B 101, Rye, NY 10580
- B. Architect Identification: The Contract Documents, dated January 19, 2021 were prepared for the Project by Geddis Architects, Fielding International, Odeh Engineers, Weston & Sampson, PE, LS, LA, PC, Barile Gallagher & Associates, DP Design and Quest Environmental Solutions & Technologies, Inc..
- C. Construction Manager: Savin Engineers, P.C., 3 Campus Drive, Pleasantville, New York, 10570, has been engaged as Construction Manager for this Project to serve as an advisor to Owner and to provide assistance in administering the Contract for Construction between Owner and each Contractor, according to a separate contract between Owner and Construction Manager.
- D. The Work consists of the construction of additions and alterations for the Rye City School District.
  - 1. The Work includes interior renovations of the existing school building and roofing replacement as shown on the Contract Documents.
  - 2. All materials, assemblies, forms and methods of construction and service equipment shall comply with the requirements of the latest edition of the New York State Building Code.

**1.03 DRAWINGS INCLUDED IN CONTRACT DOCUMENTS**

- A. Refer to List of Drawings located on Title Sheet of the Drawings.



#### **1.04 CONTRACT**

- A. The owner will award the following Construction Contracts for the Project in order to complete all work as indicated and specified:

**Contract 3**

- **Milton ES Contract 3 GC: General Construction**
- **Milton ES Contract 3 MC: Mechanical**
- **Milton ES Contract 3 PC: Plumbing**
- **Milton ES Contract 3 EC: Electrical**
- **Milton ES Contract 3 RC: Roofing**

- B. In each case, the Contractor agrees to accept the site, as it exists and to remove any encumbrances, which interfere with proper fulfillment of the Work, without change in the Contract Sum.
- C. Accommodate the Owner's intention to continue occupy in the existing building, including site and to conduct normal school operations during the time of construction of the work.
1. Cooperate with the Owner's personnel in maintaining and facilitating access to the school building and its facilities by school personnel, school staff, and the public, while construction is still in progress.
  2. Emergency access at driveways and building entrances: Keep driveways and entrances serving the occupied school building clear and available to the Owner, the Owner's employees and the public, and to emergency vehicles at all times. Do not obstruct access to these areas or use such areas for parking, construction equipment or storage of materials.
  3. Schedule construction operations so as to minimize conflicts with and interruptions to daily school function. Coordinate necessary interruptions with Owner's personnel.
  4. The existing building must remain operational at all times, therefore the Contractors are responsible to maintain all systems such as but not limited to fire alarm, clocks, public address system, electric, gas services, heat, etc.
- D. The Contractor shall cooperate with separate Contractors for any separate Contracts that the Owner may award.

#### **1.05 MULTIPLE PRIME CONTRACTS**

- A. The Project will be constructed under a multiple prime-contracting agreement. Prime Contracts are separate contracts between the Owner and separate contractors, representing significant construction activities. Each prime contract is performed concurrently with and closely coordinated with construction activities performed on the Project under other prime contracts. Prime Contracts for this Project include:

**Contract 3**

- **Milton ES Contract 3 GC: General Construction**
- **Milton ES Contract 3 MC: Mechanical**



- **Milton ES Contract 3 PC: Plumbing**
- **Milton ES Contract 3 EC: Electrical**
- **Milton ES Contract 3 RC: Roofing**

B. Contract Documents indicate the work of each prime Contract and related requirements and conditions that have an impact on the project. Related requirements and conditions that are indicated on the Contract Documents include, but are not necessarily limited to the following:

1. Phasing
2. Existing site conditions
3. Alternates
4. Allowances
5. Delegated Design where specified.
6. Cutting and Finish Patching unless noted otherwise
7. Miscellaneous Steel associated with each Contract Work.
8. Firestopping
9. Daily Cleaning (All Contracts are responsible for daily cleaning)
  - a. As per paragraph 1.06.G.
10. Final Cleanup (All Contracts are responsible for their final cleanup.)

C. Prime Contract Work: Each Prime Contract can be summarized as follows:

1. The **Contract for General Construction 3- GC** includes Architectural, Civil and Structural, plus other construction operations traditionally recognized as General Construction.. It also includes administrative and coordination responsibilities. Work under this prime Contract includes, but is not limited to, the following:

#### **DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of Division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
020800	ASBESTOS ABATEMENT
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
033000	CAST-IN-PLACE CONCRETE
035400	SELF LEVELING UNDERLAYMENT
<b>DIVISION 4</b>	<b>MASONRY</b>
040100	MASONRY MAINTENANCE
042200	CONCRETE UNIT MASONRY
<b>DIVISION 5</b>	<b>METALS</b>
051200	STRUCTURAL STEEL FRAMING
055000	METAL FABRICATIONS
<b>DIVISION 6</b>	<b>WOOD AND PLASTICS</b>
061053	MISCELLANEOUS ROUGH CARPENTRY



061600	<i>SHEATHING</i>
062000	<i>FINISH CARPENTRY</i>
064116	<i>PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS</i>
<b>DIVISION 7</b>	<b><i>THERMAL AND MOISTURE PROTECTION</i></b>
072100	<i>THERMAL INSULATION</i>
074200	<i>METAL WINDOW PANELS</i>
074213.23	<i>METAL COMPOSITE MATERIAL WALL PANELS</i>
078413	<i>PENETRATION FIRESTOPPING</i>
078443	<i>JOINT FIRESTOPPING</i>
079200	<i>JOINT SEALANTS</i>
<b>DIVISION 8</b>	<b><i>OPENINGS</i></b>
081100	<i>STEEL WINDOW FRAMES</i>
081113	<i>HOLLOW METAL DOORS AND FRAMES</i>
081416	<i>FLUSH WOOD DOORS</i>
083113	<i>ACCESS DOORS AND FRAMES</i>
083300	<i>ROLLING COUNTER FIRE SHUTTERS</i>
084113	<i>ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS</i>
084113.2	<i>GLAZED ALUMINUM CURTAIN WALLS</i>
085667	<i>BULLET-RESISTANT STEEL TRANSACTION WINDOWS</i>
87100	<i>DOOR HARDWARE</i>
088100	<i>SOLAR CONTROL COATED INSULATING GLASS</i>
088101	<i>INTERIOR GLASS AND GLAZING</i>
088700	<i>DECORATIVE GLAZING FILM</i>
088853.1	<i>1" IGU SECURITY GLAZING –<del>SHOOTER</del> <del>ATTACK INSULATED GLASS</del></i>
088853.2	<i>SECURITY GLAZING - 45 MIN</i>
088853.3	<i>SECURITY GLAZING - 90 MIN</i>
089119	<i>FIXED LOUVERS</i>
<b>DIVISION 9</b>	<b><i>FINISHES</i></b>
090561.13	<i>MOISTURE VAPOR EMISSION CONTROL</i>
092116.23	<i>GYPSUM BOARD SHAFT WALL ASSEMBLIES</i>
092216	<i>NON-STRUCTURAL METAL FRAMING</i>
092900	<i>GYPSUM BOARD</i>
093013	<i>CERAMIC TILING</i>
095123	<i>ACOUSTICAL TILE CEILINGS</i>
096500	<i>RESILIENT FLOORING</i>
096513	<i>RESILIENT BASE AND ACCESSORIES</i>
096519	<i>RESILIENT TILE FLOORING</i>
097213	<i>VINYL WALL COVERINGS</i>
097700	<i>MAGNETIC WALL COVERING</i>
099113	<i>EXTERIOR PAINTING</i>
099123	<i>INTERIOR PAINTING</i>
099300	<i>STAINING AND TRANSPARENT FINISHING</i>



<b>DIVISION 10</b>	<b>SPECIALTIES</b>
101400	SIGNAGE
101423.16	ROOM-IDENTIFICATION PANEL SIGNAGE
102641	BULLET RESISTANT PANELS
104400	FIRE PROTECTION SPECIALTIES
<b>DIVISION 11</b>	<b>EQUIPMENT</b>
	NONE
<b>DIVISION 12</b>	<b>FURNISHINGS</b>
122000	WINDOW TREATMENTS
123661.16	SOLID SURFACE COUNTERTOPS

- 2 The **Contract for Mechanical Construction 3- MC** includes heating, ventilation, and air conditioning system and the temperature control system. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS (as related to this Contract Work)</b>
020800	ASBESTOS ABATEMENT (as related to boiler abatement)
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
033000	CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Mechanical Equipment)
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	PENETRATION FIRESTOPPING
078443	JOINT FIRESTOPPING
079200	JOINT SEALANTS

<b>DIVISION 8</b>	<b>OPENINGS</b>
083113	ACCESS DOORS AND FRAMES (as it relates to Mechanical installations)
<b>DIVISION 23</b>	<b>HEATING, VENTILATING AND AIR CONDITIONING (HVAC)</b>
230100	GENERAL CONDITIONS
230110	SCOPE OF WORK
230120	GAS FIRED CONDENSING BOILERS
230130	BOILER START-UP AND TESTING
230190	PUMPS
230200	HYDRONIC SPECIALTIES



230220	INDOOR AIR HANDLING UNITS
230260	DUCTLESS SPLIT SYSTEMS
230265	VARIABLE REFRIGERANT FLOW OUTDOOR UNITS
230270	VARIABLE REFRIGERANT FLOW INDOOR UNITS
230280	VARIABLE FREQUENCY DRIVES
230300	FANS
230310	CABINET HEATERS
230340	FIN-TUBE RADIATION
230400	SHEETMETAL WORK AND RELATED ACCESSORIES
230405	DUCT SILENCERS
230410	PIPING, FITTINGS, VALVES, NOTES AND SPECIALTIES
230420	SUPPORTS, SLEEVES AND PLATES
230430	INSULATION AND COVERINGS
230440	DAMPERS AND MISCELLANEOUS
230450	LOUVERS
230460	AUTOMATIC TEMPERATURE CONTROLS
230470	TESTING, START-UP AND ADJUSTMENTS
230480	GENERAL LABELING, VALVE CHARTS AND PIPING IDENTIFICATION
230485	HVAC SYSTEMS COMMISSIONING
230490	GUARANTEE

3. The **Contract for Plumbing Construction 3- PC** includes plumbing equipment, accessories and piping systems. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS (as related to this Contract Work)</b>
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
033000	CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Plumbing Equipment)

<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	PENETRATION FIRESTOPPING
078443	JOINT FIRESTOPPING
079200	JOINT SEALANTS

<b>DIVISION 8</b>	<b>OPENINGS</b>
083113	ACCESS DOORS AND FRAMES (as it relates to



	<i>Plumbing installations)</i>
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<b>DIVISION 22</b>	<b>PLUMBING</b>
220100	GENERAL CONDITIONS
220125	SCOPE OF WORK
220130	WATER SUPPLY SYSTEM
220160	SANITARY AND STORM DRAINAGE SYSTEMS
220190	NEW GAS CONNECTIONS AND ASSOCIATED WORK
220300	PLUMBING FIXTURES AND EQUIPMENT
220370	SPRINKLER SYSTEM
220420	SUPPORTS, SLEEVES AND PLATES
220430	INSULATION
220470	TESTS AND ADJUSTMENTS
220480	TAGS, CHARTS AND IDENTIFICATION
220490	GUARANTEE

4. The **Contract for Electrical Construction 3- EC** includes electric power distribution, lighting and telecommunication systems. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS (as related to this Contract Work)</b>
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
033000	CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Electrical Equipment)

<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	PENETRATION FIRESTOPPING
078443	JOINT FIRESTOPPING
079200	JOINT SEALANTS

<b>DIVISION 8</b>	<b>OPENINGS</b>
83113	ACCESS DOORS AND FRAMES (as it relates to Electrical installations)

<b>DIVISION 26</b>	<b>ELECTRICAL</b>
260100	GENERAL CONDITIONS
260125	SCOPE OF WORK
260150	APPROVED MANUFACTURERS
260200	CONDUIT
260300	MATERIALS AND METHODS
260320	OVERCURRENT PROTECTIVE DEVICES
260350	BOXES



260400	WIRING DEVICES
260425	DIGITAL LIGHTING CONTROL SYSTEM
260450	CABINETS AND ENCLOSURES
260500	SUPPORTING DEVICES
260550	GENERAL LABELING AND IDENTIFICATION
260575	INTERIOR LUMINARIES
260600	DISCONNECT SWITCHES
260650	GROUNDING
260800	FIRE ALARM SYSTEM
260825	PUBLIC ADDRESS AND CLOCK SYSTEM
260890	ELECTRICAL SYSTEMS COMMISSIONING
260900	GUARANTEE

<b>DIVISION 27</b>	<b>AUDIO VISUAL SYSTEMS</b>
274115	HEARING LOOP SYSTEMS
274116	INTEGRATED AUDIO VISUAL SYSTEMS

5. The **Contract for Roofing Construction 3- RC** includes Roofing and associated work related to the roofing removals and installation. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS (as related to this Contract work)</b>
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED SAFE WORK PRACTICES
<b>DIVISION 6</b>	<b>WOOD AND PLASTICS</b>
061001	CARPENTRY - ROOFING
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
071326	SELF-ADHERING SHEET WATERPROOFING
072100	THERMAL INSULATION
072500	WEATHER BARRIERS
073113	ASPHALT SHINGLES
075323	EPDM ROOFING
076200	SM SHEET METAL FLASHINGS & SPECIALTIES
077200	ROOF ACCESSORIES
079200	JOINT SEALANTS

6. Definition of extent of Prime Contract work: The Contract Documents indicate the extent of each prime contract. Except where the Contract Documents contain a more Specific description, general names and terminology on the Drawings and in the Specification Sections determine which prime contract includes a specific element of the Project.



7. Local custom and trade union jurisdictional settlements do not control the scope of Work included in each prime contract. When a potential jurisdictional dispute or similar interruption of work is first identified or threatened, the affected prime contracts shall promptly negotiate a reasonable settlement to avoid or minimize the pending interruption and delays.
8. If it becomes necessary to refer to the contract documents to determine which prime Contract includes a specific element of required work, begin by referring to the prime Contracts, themselves; then, if a determination cannot be made from the prime Contracts, refer, in the following order, to the Supplementary Conditions, this section of the Specifications, followed by the other Division-1 sections and finally with the Drawings and other Sections of the Specifications.
9. If, after referring to the contract documents, it cannot be clearly determined which prime Contractor will perform a specific item of required work, then that item of work will be included as a part of the prime Contract for General Construction Work.
10. Summary of Reference: Work of the prime Contracts can be summarized by reference to the prime contracts, General Conditions, Supplementary Conditions, and Instructions to Modifications to the Contract Document issued subsequent to the initial printing of the Project Manual and referenced by any of these. It is recognized that the work of the prime Contracts is unavoidably affected or influenced by governing regulations, natural phenomenon, including weather conditions, and other forces outside the contract documents.

## **1.06 MISCELLANEOUS**

- A. The following additional requirements for the Contractor for **General Construction 3- GC Milton Elementary School** include, but not limited to the following:
  1. Temporary site protection and fencing.
  2. All blocking and in walls for use by other Contracts and owner's vendors/contractors. Other Contracts and owner's vendor/contractor shall identify the locations of required blocking.
  3. Blocking where necessary for installation of work under the contract for general construction.
  4. Furnish and install all slotted grilles adjacent to convention radiation, including in walls and casework.
  5. Finish patching associated with this Contract Work. Other Prime Contracts are responsible for their own cutting and patching unless noted otherwise.
  6. Steel stud framing for all walls, interior and exterior.
  7. Furnish all dumpsters for building construction, for use by all trades.
  8. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
  9. Install access panels/doors supplied by other trades.
  10. Floor leveling in existing construction is the responsibility of this



- Contract.
11. Dewatering facilities and drains.
  12. Fire Protection specialties including fire extinguishers and cases.
  13. Install sleeves and other materials provided by other Contracts.  
Coordinate location of material installation with other Contractors.
  14. Protection of work after installation.
  15. Fire and smoke stop.
  16. Interior floor, wall and ceiling expansion joints as per the contract documents.
  17. Framing for soffits, interior and exterior.
  18. All Interior Architectural Woodwork as shown on the contract documents.
  19. All louvers, casework and interior millwork.
  20. Provide openings in exterior and interior masonry walls for installation of mechanical equipment and material, including furnishing and installation of lintels. This includes widening of existing openings as may be required.
  21. Provide openings in existing concrete slab for mechanical ducts and concrete patching of existing openings that are required to be closed where mechanical equipment or material are removed and opening not enlarged or reused.
  22. Coordinate removal of existing louver at boiler room with Mechanical Contract. Remove existing louver and install secure opening enclosure until Mechanical equipment has been delivered and new louver is installed.
  23. Provide Baseline General Construction Schedule incorporating the other Prime Contracts Schedules with the General Construction Schedule, and provide an update to the construction schedule on a monthly basis for the duration of the project.
  24. The Contractor for General Construction (GC) is responsible for the entire scope of vinyl wall coverings as indicated in the drawings and specifications. The Owner is responsible for magnetic wall coverings.
  25. The Contractor for General Construction (GC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate hold dimensions, installation of blocking, etc.

B. The following additional requirements for the Contractor for **Mechanical Construction 3- MC Milton Elementary School** include, but not limited to the following:

1. Removal of all debris.
2. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction (GC) to install.
3. Provide all excavation and backfill for trenches inside building walls.
4. Provide curbing for rooftop equipment for General Contractor (GC) for installation.
5. Provide starters to Electrical Contractor, installation to be by Electrical Contractor (EC).
6. Protection of work after installation.
7. Removal and disposal of existing boilers, including abatement if ACM is found in the boiler.
8. Mechanical connections to equipment furnished by any other Contract.



9. Coordination Drawings, coordinate with Plumbing Contract and Electrical Contract.
10. Low voltage wiring for HVAC systems.
11. Trades shall identify the locations of required blocking.
12. Housekeeping pads.
13. Cutting and patching unless noted otherwise.
14. Firestopping.
15. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
16. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
17. Coordinate locations of opening in exterior and interior masonry walls and concrete floor openings and closures with the Contractor for General Construction.
18. Coordinate roofing work under this Contract with the Roofing Contract.
19. Furnish to the Roofing Contractor portals for roof equipment installation that are required for this Contract work.
20. Coordinate with General Construction Contract delivery of new boilers so that General Construction Contract can schedule removal of existing louver.
21. Provide the General Contractor and Roofing Contract, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
22. MEP to provide updated CPM schedules to the General Contractor.
23. The Contractor for Mechanical Construction (MC) is responsible for the entire scope of asbestos abatement at the Boiler Room.

C. The following additional requirements for the Contractor for **Plumbing Construction 3- PC Milton Elementary School** include, but not limited to the following:

1. The Plumbing contractor shall furnish, install and connect all plumbing supply, sanitary, and storm lines inside the building and to 5' (five feet) beyond the exterior building wall.
2. Removal of all debris.
3. Provide all excavation and backfill for trenches inside building walls, including floor infill and patching to match existing, surrounding materials.
4. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction to install.
5. Provide starters to Electrical Contractor, installation to be by Electrical Contractor.
6. Protection of work after installation.
7. Plumbing connection to equipment furnished by any other Contract.
8. Temporary Water: Provide temporary water service as noted in Section 01 50 00 Temporary Facilities and Controls - 3.2, C.
9. Install fixtures waste, vent, gas, water and other items for equipment provided by other Contracts.
10. Trades shall identify the locations of required blocking.
11. Housekeeping pads.
12. Cutting and patching unless noted otherwise
13. Firestopping.



14. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
15. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
16. Coordinate roofing work under this Contract with the Roofing Contract.
17. Furnish to the Roofing Contractor portals for roof equipment installation that are required for this Contract work.
18. Provide the General Contractor Contract, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
19. MEP to provide updated CPM schedules to the General Contractor.
20. The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

D. The following additional requirements for the Contractor for **Electrical Construction 3- EC Milton Elementary School** include, but not limited to the following:

1. Removal of all debris.
2. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction to install.
3. Provide all excavation and backfill for trenches inside building walls.
4. Install starters supplied by other trades.
5. Protection of work after installation.
6. Electrical connections to equipment supplied by other Contracts.
7. Site lighting and main electric power.
8. Remove and legally dispose of existing PCB containing lighting fixtures, bulbs and ballast.
9. Temporary Electric: Provide Temporary Electrical service and lighting for the project as noted in Section 01 50 00 Temporary Facilities and Controls – 3.2, G, H & I.
10. Trades shall identify the locations of required blocking.
11. Housekeeping pads.
12. Cutting and patching.
13. Firestopping.
14. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
15. Temporary lighting for sidewalk sheds/bridges.
16. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
17. Upon removal of ceiling re-support/hang all loose hanging wires that hang below the finish ceiling elevations.
18. Furnish to the Roofing Contractor portals for roof equipment installation that are required for this Contract work.
19. Coordinate roofing work under this Contract with the Roofing Contract.
20. Provide the General Contractor and Roofing Contract, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.



21. MEP to provide updated CPM schedules to the General Contractor.
  22. The Contractor for Electrical Construction (EC) will provide and install the specified cable for the telecoil hearing loops, including necessary trenching and infill at floors, per the contract drawings and details.
  23. The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate installation of electrical conduit and boxes. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.
- E. The following additional requirements for the Contractor for **Roofing Construction 3- RC Milton Elementary School** include, but not limited to the following:
1. Removal and Disposal of all debris. This Contractor is responsible for their own Dumpsters.
  2. Install curbs and portals furnished by other Prime Contracts.
  3. Furnish and install equipment support rails as shown in Contract Documents.
  4. Furnish and install snow guards.
  5. Provide Baseline Roofing Construction Schedule incorporating the other Prime Contracts Schedules with the Roofing Construction Schedule, and provide an update to the construction schedule on a monthly basis for the duration of the project.
  6. The Contractor for Roofing Construction (RC) is responsible for the entire scope of asbestos abatement at the roof.
- F. Temporary service shall be provided as follows:
1. Temporary power and lighting for building and site. Electric consumption to be paid by **Owner**. Temporary electrical service to be available 24hours/day, 7days/week at no additional cost to the owner.
  2. Temporary Heat by the **Contractor for General Construction-3- GC Milton Elementary School** including temporary enclosures at all openings to maintain heat and provide heat for temperature sensitive work activities and material installations and storage, this includes but not limited to cold weather protection for masonry and concrete construction activities. Refer to Temporary Facilities and Controls 01 50 00 for additional information.
  3. Temporary sanitary facilities by **Contractor for General Construction 3- GC Milton Elementary School**. Minimum one unit per 10 workers and separate unit for women with lock as it applies to each School.
  4. Temporary water by **Contractor for Plumbing Construction 3- PC Milton Elementary School**.
  5. Snow plowing/shoveling all building areas exposed to weather, inclusive of the Staging Area, temporary parking areas and access to the Owners Trailer/Field Office by **Contractor for General Construction 3- GC Milton Elementary School**
  6. Project identification and safety signs by **Contractor for General Construction 3- GC Milton Elementary School**.



7. Each Contract is responsible for their temporary offices, storage trailers, electric hook-up and phone service.

**G. DAILY CLEANING**

1. Daily Cleaning: All Prime Contracts are responsible for any and all debris caused by their Work, including the Work of their subcontractors. A daily clean up and disposal is required by each Prime Contract for the periods which that Prime Contract, or its sub-contractors, are performing Work on site.
2. Assign at least one person for a daily clean and sweep of the work area(s). Prime Contractor shall allot sufficient manpower and time for this to be completed by the end of each shift. Submit name of this person(s) to Construction Manager.
3. Construction Manager shall have the authority to give direction to person(s) on the Project Site identified by the Prime Contract as designated for cleanup tasks.
4. Any Prime Contract not providing personnel for Daily Cleaning will be Back Charged for labor provided by others to complete this task.
5. Contractor working solely in an area shall be responsible for clean/sweep of that area.
6. Daily cleaning will not mean any one Prime Contract is responsible for assisting another Prime Contract with removing major quantities of debris created by a particular Prime Contract's Work.
7. Daily cleaning will be mandated to remove from the building any debris created by day-to-day activities. Each Prime shall assist in sweeping shared work areas and shared corridors while working on site. Each Prime shall assist in mopping of shared corridors while working on site or as required by the Owner.
8. Prime Contractors shall provide sweeping compound for daily cleaning in their respective interior work areas. Each Prime Contract shall provide a sufficient number of brooms or other necessary tools, for use by their personnel to adequately fulfill their obligations.
9. Prime Contractors shall provide and maintain garbage cans/refuse containers with liners for each construction area of their respective contracts as directed by the Construction Manager and Prime Contractors shall be responsible for disposing of these materials to a dumpster.
10. Prime Contractors shall provide the necessary equipment/containers (lull/skip-box) to move daily clean/sweep debris from the building to a dumpster on a daily basis, for each construction area of their respective contracts.
11. Cleaning shall be deemed a Safety & Health issue, with Prime Contracts being held accountable for fulfilling their contractual obligations.
12. Final Cleaning: At Substantial Completion of each area of construction, each Prime Contract shall wipe/vacuum clean all of their respective installations; Prime Contractors shall mop clean all finish flooring and remove all marks/blemishes to the finish, for each construction area of their respective contracts. Each area of construction shall be wiped clean of all construction dust and debris prior to turnover to the Owner.

**1.07 WORK SCHEDULES**



- A. All work: done in accordance with a predetermined detailed Work Schedule agreed upon by Owner and Contractors. Each Prime Contractor shall submit a detailed Work Schedule to the Contractor for General Construction, within 15 days after Award of Contract. Schedule shall include all milestone and other significant dates. Contractor for General Construction shall combine all into a CPM schedule within 30 days of award and update weekly for the duration of the project, all primes to sign off on final CPM Schedule.
  - 1. Work Schedule shall be computer generated, in CPM format and in an additional format as approved by the Architect and Owner. Work Schedule shall be revised weekly during the Course of the Work. The latest revised Work Schedule shall be submitted each month with the Application for Payment.
- B. General Contractor shall coordinate work with the Owner, other Contractors at the site, and all of its subcontractors.
- C. Locations of trailers, storage areas, parking areas, and staging areas shall be coordinated with the Owner, Construction Manager and Architect.
- D. It will be the responsibility of the Contractor to carefully interface all construction operations until they reach their final completion, and so the Owner's programs and services can be carried on without interruptions so that a smooth flow of all operations by all involved trades will be achieved within the allotted time.

#### **1.08 ACCESS TO THE SITE**

- A. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

#### **1.09 CODES APPLICABLE**

- A. Construction will be governed by: New York State Uniform Fire Prevention and Building Code, current applicable edition, and its referenced codes and standards.  
State Education Department Manual for Planning Standards.

#### **1.10 PREPARATION OF SITE**

- A. Site drawings indicate existing grade elevations, final grade elevations, and locations of work on the property.
- B. Contractor agrees to accept site as indicated and to remove Encumbrances, which interfere with proper fulfillment of his work without change in Contract Sum.
- C. All Work as noted inside or outside of Contract Limit Lines shall be performed by Contractor as part of Contract Work.

#### **1.11 CONTRACTOR'S USE OF PREMISES**



- A. Confirm Operations at the Site to Areas and Methods Permitted by:
  - 1. Laws.
  - 2. Ordinances.
  - 3. Permits.
  - 4. Contract Documents.
  - 5. Owner's regulations.
- B. General: During the construction period the Contractor shall have full use of the premises for construction operations, in accordance with the General Conditions of the Contract for Construction. The Contractor's use of the premises is limited only by the Owner's right to perform construction operations with its own forces or to employ separate contractors on portions of the project.
- C. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
- D. Do not unreasonable encumber site with materials or equipment.
- E. Do not load structure(s) with weight that will endanger structure.
- F. Each Subcontractor is responsible for protection and safekeeping of his materials, products and equipment stored on the premises of incorporated into the construction, until his contract is complete and accepted by the Owner.
- G. Site Access: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- H. Move at the Contractor's/Subcontractor's cost any stored materials, products or equipment which interfere with operations of Owner or others.
- I. Special Owner Requirements:
  - 1. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building, prior to Substantial Completion provided that such occupancy does not interfere with completion of Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
  - 2. All activities required on the site for completion of the work shall be accomplished within the Contract limit lines as indicated on the Drawings.

#### **1.12 LINE AND LEVELS**

- A. Drawings indicate location of the Work.



- B. Contractor shall layout all Work prior to construction and will be held responsible for its accuracy. Layout approval by Owner and Architect is required prior to construction.
- C. Owner shall establish a "Datum" or "Bench Mark" at convenient locations, which will remain throughout Work, for convenience and constant reference for use of all Contractors.
- D. Each Contractor is responsible for their own survey(s) and layout.

#### **1.13 TIME FOR COMPLETION**

- A. It is understood and mutually agreed that time is of the essence with regard to Substantial Completion of the Work of this Contract.
- B. Contractor agrees that Work shall be prosecuted diligently and uninterruptedly at such rate as will ensure Substantial Completion of all Work and Certificates of Occupancy on or before the date stated in the Contract.
- C. It is expressly understood and agreed by Contractor and Owner that the time for Substantial Completion and Certificates of Occupancy are reasonable, taking into consideration average Climatic range, restrictions concerning use of the site, and Other conditions prevailing.
- D. Contractor shall schedule the Work accordingly.

#### **1.14 EXAMINATION OF SURFACES TO BE COVERED**

- A. Prior to application of materials included in the various Sections, the installer, the manufacturer's representative, and the Contractor shall together examine the building and surfaces upon which materials are to be supplied.
- B. The installer and the manufacturer's representative shall accept all surfaces and conditions affecting proper installation of their materials. The installer shall not proceed with the work until all conditions and surfaces are satisfactory to him.
- C. The Contractor shall do all work necessary to correct unsatisfactory conditions and surfaces not specifically included as work of the subcontractor.
- D. The subcontractor shall furnish to the Contractor for submission to the Architect 2 copies of his statement, countersigned by the manufacturer or his appointed representative that the entire installation has been made by correct techniques over properly prepared surfaces and under proper job conditions.

#### **1.15 FIRE SAFETY REQUIREMENTS**

- A. The Contractor shall conform to the following mandatory Requirements during the course of the work:
  - 1. Construction related debris shall be cleaned out of the Building at the end of each working day.



2. No combustible materials shall be stored neither within the building, nor on the school grounds unless as directed.

#### **1.16 SCHEDULE OF VALUES REQUIREMENTS**

- A. The Contractor shall conform to the following mandatory requirements for percentages of the total contract value, including accepted add alternates, for the Schedule of Values (SOV) submission:
  1. General Conditions – 2%
  2. Meeting Attendance – 2%
  3. Shop Drawings / Samples Submissions – 1%
  4. Temporary Utilities & Services – 1%
  5. Coordination Drawings – 1%
  6. Punch-List – 1%
  7. Close-Out Documents (Warranties/Guarantees, As-Builts & O&M Manuals) – 3%

#### **1.17 COORDINATION DRAWINGS**

- A. The Contractor shall coordinate the work of all Sub-Contractors, arrange space conditions to accommodate the work of all trades and prepare composite drawings as required to scale clearly the work of each trade Contractor in relation to each other.
- B. The Contractor will be held responsible to correct unsatisfactory conditions resulting from improper coordination.
- C. Contractors to communicate and supply shop drawings to each other to insure proper coordination.
- D. Coordination drawings shall be submitted to the Architect for review and approval.
- E. Daily field reports are to be provided by all Contractors to the Construction Manager.
- F. Coordination Meetings:
  1. General: Contractors are to prepare a written memorandum on required coordination activities. Include such items as required notices, reports, minutes of meetings, and attendance at meetings. Distribute this memorandum to each entity performing work at the project site. Prepare similar memorandum for separate contractors where interfacing of their work is required.
  2. Weekly coordination meetings: Contractors shall schedule and hold weekly general project coordination meetings at regularly scheduled times that are convenient for the attendance of other parties involved in the project (i.e. Owner, Architect, CM, Sub-Contractors etc.). The Contractors shall record meeting results and shall make them available to the Project Team. These meetings are in addition to the specific meetings held for other purposes, such as regular project meetings and special pre-installation meetings. Required attendance includes each prime contractor and every other entity



identified by any prime contractor as being currently involved in the coordination or planning for the work of the entire project. Conduct meetings in a manner that resolve coordination problems. The Construction Manager shall have a representative at the meetings. The Contractors shall distribute copies of the meeting result to everyone in attendance, the Architect and to others affected by the decisions and actions resulting from each meeting.

- G. Scaled and figured dimensions with respect to the items are approximate only; sizes of equipment have been taken from typical equipment items of the classes indicated. Before proceeding with the work, the contractor shall carefully check all dimensions and sizes and shall assume full responsibility for the fitting in of equipment and materials to the building and to meet architectural and structural conditions.
- H. Separate plans shall also be prepared for sleeve locations and concrete pads for mechanical equipment required by all contractors for the performance of their work. These drawings shall be coordinated with the coordination drawings. When final information is received, such data shall be promptly inserted on the coordination drawings.
- I. The HVAC Contractor shall provide electronic drawing files, at a scale of 3/8" – 1'-0" showing all HVAC equipment, ductwork, and major piping, including elevations and dimensions to all fixed building elements, such as beams; columns, slabs; ceilings; including ceiling suspensions; framing; floor; walls; doors, including door swings; and windows affected by the equipment, ductwork, and piping. Show all registers, grilles, diffusers, radiators and convectors, and other terminal elements. Show location of all valves, dampers (fire, smoke, volume, and automatic), coils, humidifiers, smoke detectors, etc. requiring access for service and maintenance. Locate all access doors. Include large-scale details and sections as required to fully delineate the conditions in congested areas, leaving space for the work of the other contractors. Show plan layout of all equipment bases, pads, and inertia blocks. Clearly label all work by HVAC Contractor.
- J. The Plumbing Contractor shall overlay on the electronic coordination drawings prepared by the HVAC Contractor which indicate all HVAC water supply, drain, waste, vent, sprinkler main and branch piping, risers and sprinkler heads and other major lines. Indicate piping elevations and locations of the fire hose cabinets, drinking fountains, etc., which encroach on duct shafts. Locate valves and other items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC work and with building construction. Use same scale as drawing being overlaid. Clearly label all work by Plumbing Contractor.
- K. The Electrical Contractor shall overlay on the electronic coordination drawings prepared by the HVAC, Plumbing and Fire Protection Contractors all main conduit and bus runs, cable trays, light fixtures, major equipment, and switch gear and panel boards and clearances. Show all items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC, Plumbing, and Fire Protection work and with building construction. Use same scale as drawings being overlaid. Clearly label all work by Electrical Contractor.



- L. Each Contractor shall use the signed completed coordination drawings as a working reference. Compare all shop drawings, prior to their submittal to the Architect, with the coordination drawings and revise the shop drawings to fit the coordination drawing condition. If revisions to the coordination drawings are required because of shop drawings, make revisions as directed by Construction Manager and notify all affected contractors with copy of notification to Construction Manager. Maintain up-to-date record of all revisions on own coordination drawing copies; keep one copy at project site.
- M. No extra compensation will be paid to any contractor for relocating any duct, pipe, conduit, or other material installed without coordination among trades involved or among other affected contractors. Each Contractor who causes any additional work to other contractors by improperly coordinated work or work not installed in accordance with the signed coordination drawings shall reimburse the affected other contractors for the cost of the additional work.

**PART 2 – PRODUCTS (Not Used)**

**PART 3 – EXECUTION (Not Used)**

**End of this Section 01 10 10 MULTIPLE CONTRACT SUMMARY**

**MILTON ELEMENTARY SCHOOL**



**SECTION 01 10 00**  
**MULTIPLE CONTRACT SUMMARY**  
**RYE HIGH SCHOOL / MIDDLE SCHOOL**

**PART 1 – GENERAL**

**1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

**1.02 WORK COVERED BY CONTRACT DOCUMENTS**

- A. Project Identification: Project consists of the construction of Interior and Exterior Renovations,
  - 1. Project Location:  
Rye High School / Middle School  
1 & 3 Parsons Street  
Rye NY 10580
  - 2. Owner: Rye City School District, 555 Theodore Fremd Avenue,  
Suite B 101, Rye, NY 10580
- B. Architect Identification: The Contract Documents, dated February 7, 2020 were prepared for Project by Geddis Architects, Fielding International, Odeh Engineers, Weston & Sampson, PE, LS, LA, PC, Barile Gallagher & Associates, DP Design and Quest Environmental Solutions & Technologies, Inc.
- C. Construction Manager: Savin Engineers, P.C., 3 Campus Drive, Pleasantville, New York, 10570, has been engaged as Construction Manager for this Project to serve as an advisor to Owner and to provide assistance in administering the Contract for Construction between Owner and each Contractor, according to a separate contract between Owner and Construction Manager.
- D. The Work consists of the construction of additions and alterations for the Rye City School District.
  - 1. The Work includes interior and exterior renovations of the existing school building, masonry restoration at the Middle School and roofing replacement as shown on the Contract Documents.
  - 2. All materials, assemblies, forms and methods of construction and service equipment shall comply with the requirements of the latest edition of the New York State Building Code.

**1.03 DRAWINGS INCLUDED IN CONTRACT DOCUMENTS**

- A. Refer to List of Drawings located on Title Sheet of the Drawings.



#### **1.04 CONTRACT**

- A. The owner will award the following Construction Contracts for the Project in order to complete all work as indicated and specified:

##### **Contract 4**

- **Rye High School Middle School Contract 4 GC: General Construction**
- **Rye High School Middle School Contract 4 MC: Mechanical**
- **Rye High School Middle School Contract 4 PC: Plumbing**
- **Rye High School Middle School Contract 4 EC: Electrical**
- **Rye High School Middle School Contract 4 MAS: Masonry Restoration at Middle School**

- B. In each case, the Contractor agrees to accept the site, as it exists and to remove any encumbrances, which interfere with proper fulfillment of the Work, without change in the Contract Sum.
- C. Accommodate the Owner's intention to continue occupy in the existing building, including site and to conduct normal school operations during the time of construction of the work.
1. Cooperate with the Owner's personnel in maintaining and facilitating access to the school building and its facilities by school personnel, school staff, and the public, while construction is still in progress.
  2. Emergency access at driveways and building entrances: Keep driveways and entrances serving the occupied school building clear and available to the Owner, the Owner's employees and the public, and to emergency vehicles at all times. Do not obstruct access to these areas or use such areas for parking, construction equipment or storage of materials.
  3. Schedule construction operations so as to minimize conflicts with and interruptions to daily school function. Coordinate necessary interruptions with Owner's personnel.
  4. The existing building must remain operational at all times; therefore the Contractors are responsible to maintain all systems such as but not limited to fire alarm, clocks, public address system, electric, gas services, heat, etc.
- D. The Contractor shall cooperate with separate Contractors for any separate Contracts that the Owner may award.

#### **1.05 MULTIPLE PRIME CONTRACTS**

- A. The Project will be constructed under a multiple prime-contracting agreement. Prime Contracts are separate contracts between the Owner and separate contractors, representing significant construction activities. Each prime contract is performed concurrently with and closely coordinated with construction activities performed on the Project under other prime contracts. Prime Contracts for this Project include:



**Contract 4**

- **Rye High School Middle School Contract 4 GC: General Construction**
- **Rye High School Middle School Contract 4 MC: Mechanical**
- **Rye High School Middle School Contract 4 PC: Plumbing**
- **Rye High School Middle School Contract 4 EC: Electrical**
- **Rye High School Middle School Contract 4 MAS: Masonry Restoration at Middle School**

B. Contract Documents indicate the work of each prime Contract and related requirements and conditions that have an impact on the project. Related requirements and conditions that are indicated on the Contract Documents include, but are not necessarily limited to the following:

1. Phasing
2. Existing site conditions
3. Alternates
4. Allowances
5. Delegated Design where specified
6. Cutting and Finish Patching unless noted otherwise.
7. Miscellaneous Steel associated with each Contract Work.
8. Firestopping
9. Daily Cleaning (All Contracts are responsible for daily cleaning)
  - a. As per paragraph 1.06G
10. Final Cleanup (All Contracts are responsible for their final cleanup.)

C. Prime Contract Work: Each Prime Contract can be summarized as follows:

1. The **Contract for General Construction High School Middle School Contract 4 GC: General Construction** includes Architectural, Civil and Structural, plus other construction operations traditionally recognized as General Construction. It also includes administrative and coordination responsibilities. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of Division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS</b>
020800	ASBESTOS ABATEMENT
021000	TREE PROTECTION & TRIMMING
022113	SITE SURVEY
023000	SOIL TESTING SERVICES
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
033000	CAST-IN-PLACE CONCRETE
035400	SELF LEVELING UNDERLAYMENT
<b>DIVISION 4</b>	<b>MASONRY</b>



040100	MASONRY MAINTENANCE
042200	CONCRETE UNIT MASONRY
<b>DIVISION 5</b>	<b>METALS</b>
051200	STRUCTURAL STEEL FRAMING
055000	METAL FABRICATIONS
055316	PLANK GRATING
<b>DIVISION 6</b>	<b>WOOD AND PLASTICS</b>
061001	CARPENTRY - ROOFING
061053	MISCELLANEOUS ROUGH CARPENTRY
061600	SHEATHING
062000	FINISH CARPENTRY
064116	PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
071000	WALL WATERPROOFING
071326	SELF-ADHERING SHEET WATERPROOFING
072100	THERMAL INSULATION
072500	WEATHER BARRIERS
074200	METAL WINDOW PANELS
074213.16	INSULATED CORE METAL WALL PANELS
075323	EPDM ROOFING
076000	SHEET METAL FLASHING
076200	SM SHEET METAL FLASHINGS & SPECIALTIES
077200	ROOF ACCESSORIES
078400	FIRESTOPPING
078413	PENETRATION FIRESTOPPING
078443	JOINT FIRESTOPPING
079200	JOINT SEALANTS
079201	JOINT SEALERS
<b>DIVISION 8</b>	<b>OPENINGS</b>
081100	STEEL WINDOW FRAMES
081113	HOLLOW METAL DOORS AND FRAMES
081416	FLUSH WOOD ENTRANCE DOORS
081417	FLUSH WOOD ENTRANCE DOORS
083113	ACCESS DOORS AND FRAMES
083300	ROLLING COUNTER FIRE SHUTTERS
084113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
084113.1	GLAZED ALUMINUM CURTAIN WALLS
085667	BULLET-RESISTANT STEEL TRANSACTION WINDOWS
087100	DOOR HARDWARE
088100	SOLAR CONTROL COATED INSULATING GLASS
088101	INTERIOR GLASS AND GLAZING



088700	DECORATIVE GLAZING FILM
088853.1	1" IGU SECURITY GLAZING – <del>SHOOTER ATTACK</del> <del>INSULATED GLASS</del>
088853.2	SECURITY GLAZING - 45 MIN
088853.3	SECURITY GLAZING - 90 MIN
089119	FIXED LOUVERS
<b>DIVISION 9</b>	<b>FINISHES</b>
090561.13	MOISTURE VAPOR EMISSION CONTROL
092116.23	GYPSUM BOARD SHAFT WALL ASSEMBLIES
092216	NON-STRUCTURAL METAL FRAMING
092900	GYPSUM BOARD
093013	CERAMIC TILING
095123	ACOUSTICAL TILE CEILINGS
096500	RESILIENT FLOORING
096513	RESILIENT BASE AND ACCESSORIES
096519	RESILIENT TILE FLOORING
097700	MAGNETIC WALL COVERINGS
098129	SPRAY APPLIED ACOUSTICAL INSULATION
099113	EXTERIOR PAINTING
099123	INTERIOR PAINTING
099300	STAINING AND TRANSPARENT FINISHING
<b>DIVISION 10</b>	<b>SPECIALTIES</b>
101400	SIGNAGE
101423.16	ROOM-IDENTIFICATION PANEL SIGNAGE
102113.17	PHENOLIC-CORE TOILET COMPARTMENTS
102641	BULLET RESISTANT PANELS
104400	FIRE PROTECTION SPECIALTIES
108100.1	TOILET AND BATH ACCESSORIES
<b>DIVISION 12</b>	<b>FURNISHINGS</b>
122000	WINDOW TREATMENTS
123661.16	SOLID SURFACE COUNTERTOPS
124813	ENTRANCE MATS AND FRAMES
<b>DIVISION 14</b>	<b>CONVEYING EQUIPMENT</b>
142100	ELECTRIC TRACTION ELEVATORS
<b>DIVISION 31</b>	<b>EARTWORK</b>
310101	SITE RESTORATION
311100	CLEARING AND GRUBBING
311111	SITE DEMOLITION
312213	ROUGH GRADING
312300	EARTHWORK
312316	TRENCHING, BACKFILLING & COMPACTION
312500	SEDIMENT AND EROSION CONTROL



<b>DIVISION 32</b>	<b>EXTERIOR IMPROVEMENTS</b>
321000	ROADWAY & MISC. SURFACE SUBBASE
321216	ASPAHLT CONCRETE PAVING SURFACING AND STRIPING
321313	PORTLAND CEMENT CONCRETE PAVEMENT
321640	GRANITE CURB
323000	SITE IMPROVEMENTS
329113	SOIL PREP & SOIL MIXES
329200	LAWNS
329300	TREES, SHRUBS, GROUND COVER AND LANDSCAPING
<b>DIVISION 33</b>	<b>UTILITIES</b>
334000	STORM SEWER SYSTEMS
334626	GEOTEXTILE SUBSURFACE DRAINAGE FILTRATION

- 2 The **Contract for Mechanical Construction Rye High School Middle School Contract 4 MC: Mechanical** includes heating, ventilation, and air conditioning system and the temperature control system. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All division 00 & 01

<b>DIVISION 2</b>	<b>EXISTING CONDITIONS (as related to this Contract Work)</b>
024119	SELECTIVE DEMOLITION
028300	LEAD-BASED PAINT SAFE WORK PRACTICES
<b>DIVISION 3</b>	<b>CONCRETE</b>
033000	CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Mechanical Equipment)

<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	PENETRATION FIRESTOPPING
078443	JOINT FIRESTOPPING
079200	JOINT SEALANTS
079201	JOINT SEALERS

<b>DIVISION 8</b>	<b>OPENINGS</b>
083113	ACCESS DOORS AND FRAMES (as it relates to Mechanical installations)
<b>DIVISION 23</b>	<b>HEATING, VENTILATING AND AIR CONDITIONING</b>
230100	GENERAL CONDITIONS
230110	SCOPE OF WORK



230120	GAS FIRED CONENSING BOILERS
230130	BOILER START-UP AND TESTING
230140	DOUBLE WALL INSULATED BOILER BREECHING SYSTEM
230190	PUMPS
230200	HYDRONIC SPECIALTIES
230210	STEAM AND STEAM CONDENSATE SPECIALTIES
230230	FLOOR MOUNTED VERTICAL UNIT VENTILATORS
230231	CONSOLE & CEILING MOUNTED UNIT VENTILATORS
230235	ROOFTOP ENERGY RECOVERY UNITS
230237	INDOOR FIXED PLATE ENERGY RECOVERY UNIT
230240	COMMERCIAL AIR-COOLED CONDENSING UNITS
230250	PACKAGED ROOFTOP COOLING UNIT WITH GAS HEAT
230260	VARIABLE REFRIGERANT FLOW OUTDOOR UNITS
230265	VARIABLE REFRIGERANT FLOW INDOOR UNITS
230280	VARIABLE FREQUENCY DRIVES
230290	DUCT MOUNTED COILS
230300	FANS
230310	CABINET HEATERS
230320	UNIT HEATERS
230330	CONVECTORS
230340	FIN-TUBE RADIATION
230400	SHEETMETAL WORK AND RELATED ACCESSORIES
230410	PIPING, FITTINGS, VALVES AND NOTES (HOT WATER)
230415	PIPING, FITTINGS, VALVES AND NOTES (STEAM)
230420	SUPPORTS, SLEEVES AND PLATES
230430	INSULATION AND COVERINGS
230440	DAMPERS AND MISCELLANEOUS
230450	LOUVERS
230460	AUTOMATIC TEMPERATURE CONTROLS
230470	TESTING, START-UP AND ADJUSTMENTS
230480	GENERAL LABELING, VALVE CHARTS AND PIPING IDENTIFICATION
230485	HVAC SYSTEMS COMMISSIONING
230490	GUARANTEE

3. The **Contract for Plumbing Construction Rye High School Middle School Contract 4 PC: Plumbing** includes plumbing equipment, accessories and piping systems. Work under this prime Contract includes, but is not limited to, the following:



**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of division 00 &amp;

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS (as related to this Contract Work)</i></b>
024119	<i>SELECTIVE DEMOLITION</i>
028300	<i>LEAD-BASED PAINT SAFE WORK PRACTICES</i>
<b>DIVISION 3</b>	<b><i>CONCRETE</i></b>
033000	<i>CAST-IN-PLACE CONCRETE (as it relates to concrete flooring infill at piping trenches)</i>

<b>DIVISION 7</b>	<b><i>THERMAL AND MOISTURE PROTECTION</i></b>
078413	<i>PENETRATION FIRESTOPPING</i>
078443	<i>JOINT FIRESTOPPING</i>
079200	<i>JOINT SEALANTS</i>
079201	<i>JOINT SEALERS</i>

<b>DIVISION 8</b>	<b><i>OPENINGS</i></b>
083113	<i>ACCESS DOORS AND FRAMES (as it relates to Plumbing installations)</i>

<b>DIVISION 22</b>	<b><i>PLUMBING</i></b>
220100	<i>GENERAL CONDITIONS</i>
220125	<i>SCOPE OF WORK</i>
220130	<i>WATER SUPPLY SYSTEM</i>
220150	<i>SANITARY AND STORM DRAINAGE SYSTEMS</i>
220190	<i>NEW GAS CONNECTIONS AND ASSOCIATED WORK</i>
220300	<i>PLUMBING FIXTURES AND EQUIPMENT</i>
220310	<i>BACKFLOW PREVENTERS</i>
220420	<i>SUPPORTS, SLEEVES AND PLATES</i>
220430	<i>INSULATION</i>
220470	<i>TESTS AND ADJUSTMENTS</i>
220480	<i>TAGS, CHARTS AND IDENTIFICATION</i>
220490	<i>GUARANTEE</i>

4. The **Contract for Electrical Construction Rye High School Middle School Contract 4 EC: Electrical** includes electric power distribution, lighting and telecommunication systems. Work under this prime Contract includes, but is not limited to, the following:

**DIVISION 00 & 01 GENERAL REQUIREMENTS**

All of division 00 &amp; 01

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS (as related to this Contract Work)</i></b>
024119	<i>SELECTIVE DEMOLITION</i>



028300	<i>LEAD-BASED PAINT SAFE WORK PRACTICES</i>
<b>DIVISION 3</b>	<b>CONCRETE</b>
033000	<i>CAST-IN-PLACE CONCRETE (as it relates to concrete pads for Electrical Equipment)</i>
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>
078413	<i>PENETRATION FIRESTOPPING</i>
078443	<i>JOINT FIRESTOPPING</i>
079200	<i>JOINT SEALANTS</i>
079201	<i>JOINT SEALERS</i>

<b>DIVISION 8</b>	<b>OPENINGS</b>
083113	<i>ACCESS DOORS AND FRAMES (as it relates to the Electrical installations)</i>

<b>DIVISION 26</b>	<b>ELECTRICAL</b>
260100	<i>GENERAL CONDITIONS</i>
260125	<i>SCOPE OF WORK</i>
260150	<i>APPROVED MANUFACTURERS</i>
260200	<i>CONDUIT</i>
260320	<i>OVERCURRENT PROTECTIVE DEVICES</i>
260350	<i>BOXES</i>
260400	<i>WIRING DEVICES</i>
206425	<i>DIGITAL LIGHTING CONTROL SYSTEM</i>
260450	<i>CABINETS AND ENCLOSURES</i>
260500	<i>SUPPORTING DEVICES</i>
260550	<i>GENERAL LABELING AND IDENTIFICATION</i>
260575	<i>INTERIOR LUMINAIRES</i>
260600	<i>DISCONNECT SWITCHES</i>
260650	<i>GROUNDING</i>
260675	<i>HIGH PERFORMANCE K-7 DRY TYPE TRANSFORMERS</i>
260700	<i>PANELBOARDS</i>
260800	<i>FIRE ALARM SYSTEM</i>
260825	<i>PUBLIC ADDRESS SYSTEM</i>
260900	<i>GUARANTEE</i>
<b>DIVISION 27</b>	<b>AUDIO VISUAL SYSTEMS</b>
274115	<i>HEARING LOOP SYSTEMS</i>
274116	<i>INTEGRATED AUDIO VISUAL SYSTEMS</i>

5. The **Rye High School Middle School Contract 4 MAS: Masonry Restoration at Middle School** includes masonry restoration, roofing associates with the masonry restoration, window replacements associated with the masonry restoration and interior restoration



associated with the masonry restoration. Work under this prime Contract includes, but is not limited to, the following:

DIVISION 00 & 01 GENERAL REQUIREMENTS

All of division 00 & 01

<b>DIVISION 2</b>	<b><i>EXISTING CONDITIONS (as related to this Contract Work</i></b>
024119	<i>SELECTIVE DEMOLITION</i>
028300	<i>LEAD-BASED PAINT SAFE WORK PRACTICES</i>
<b>DIVISION 4</b>	<b><i>MASONRY</i></b>
040100	<i>MASONRY MAINTENANCE</i>
042000	<i>MASONRY VENEER</i>
044300	<i>STONE MASONRY</i>
<b>DIVISION 6</b>	<b><i>WOOD AND PLASTICS</i></b>
061001	<i>CARPENTRY - ROOFING</i>
061053	<i>MISCELLANEOUS ROUGH CARPENTRY</i>
061600	<i>SHEATHING</i>
<b>DIVISION 7</b>	<b><i>THERMAL AND MOISTURE PROTECTION</i></b>
071000	<i>WALL WATERPROOFING</i>
071326	<i>SELF-ADHERING SHEET WATERPROOFING</i>
072100	<i>THERMAL INSULATION</i>
072500	<i>WEATHER BARRIERS</i>
073126	<i>SLATE ROOFING</i>
075323	<i>EPDM ROOFING</i>
076000	<i>SHEET METAL FLASHING</i>
076200	<i>SM SHEET METAL FLASHINGS &amp; SPECIALTIES</i>
077200	<i>ROOF ACCESSORIES</i>
078400	<i>FIRESTOPPING</i>
078413	<i>PENETRATION FIRESTOPPING</i>
078443	<i>JOINT FIRESTOPPING</i>
079200	<i>JOINT SEALANTS</i>
079201	<i>JOINT SEALERS</i>
<b>DIVISION 8</b>	<b><i>OPENINGS</i></b>
081113	<i>HOLLOW METAL DOORS AND FRAMES</i>
081416	<i>FLUSH WOOD ENTRANCE DOORS</i>
081417	<i>FLUSH WOOD ENTRANCE DOORS</i>
084113	<i>ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS</i>
084113.1	<i>GLAZED ALUMINUM CURTAIN WALLS</i>
084114	<i>ALUMINUM ENTRANCES AND STOREFRONT</i>
088100	<i>SOLAR CONTROL COATED INSULATING GLASS</i>
089119	<i>FIXED LOUVERS</i>



<b>DIVISION 9</b>	<b>FINISHES</b>
092216	<i>NON-STRUCTURAL METAL FRAMING</i>
092900	<i>GYPSUM BOARD</i>
096513	<i>RESILIENT BASE AND ACCESSORIES</i>
099123	<i>INTERIOR PAINTING</i>

6. Definition of extent of Prime Contract work: The Contract Documents indicate the extent of each prime contract. Except where the Contract Documents contain a more Specific description, general names and terminology on the Drawings and in the Specification Sections determine which prime contract includes a specific element of the Project.
7. Local custom and trade union jurisdictional settlements do not control the scope of Work included in each prime contract. When a potential jurisdictional dispute or similar interruption of work is first identified or threatened, the affected prime contracts shall promptly negotiate a reasonable settlement to avoid or minimize the pending interruption and delays.
8. If it becomes necessary to refer to the contract documents to determine which prime Contract includes a specific element of required work, begin by referring to the prime Contracts, themselves; then, if a determination cannot be made from the prime Contracts, refer, in the following order, to the Supplementary Conditions, this section of the Specifications, followed by the other Division-1 sections and finally with the Drawings and other Sections of the Specifications.
9. If, after referring to the contract documents, it cannot be clearly determined which prime Contractor will perform a specific item of required work, then that item of work will be included as a part of the prime Contract for General Construction Work.
10. Summary of Reference: Work of the prime Contracts can be summarized by reference to the prime contracts, General Conditions, Supplementary Conditions, and Instructions to Modifications to the Contract Document issued subsequent to the initial printing of the Project Manual and referenced by any of these. It is recognized that the work of the prime Contracts is unavoidably affected or influenced by governing regulations, natural phenomenon, including weather conditions, and other forces outside the contract documents.

## **1.06 MISCELLANEOUS**

- A. The following additional requirements for the **Contract for General Construction High School Middle School Contract 4 GC: General Construction** include, but not limited to the following:
  1. Temporary site protection and fencing.
  2. All blocking and in walls for use by other trades. Other trades shall identify the locations of required blocking.
  3. Blocking where necessary for installation of work under the contract for



- general construction.
4. Furnish and install all slotted grilles adjacent to convention radiation, including in walls and casework.
5. Finish patching associated with this Contract Work. Other Contracts are responsible for their own cutting and patching unless noted otherwise.
6. Steel stud framing for all walls, interior and exterior.
7. Furnish all dumpsters for building construction, for use by all trades.
8. Install access panels/doors supplied by other trades.
9. Floor leveling in new construction is the responsibility of this Contract.
10. Dewatering facilities and drains.
11. Fire Protection specialties including fire extinguishers and cases.
12. Install sleeves and other materials provided by other Contracts. Coordinate location of material installation with other Contractors.
13. Protection of work after installation.
14. Fire and smoke stop.
15. Interior floor, wall and ceiling expansion joints as per the contract documents.
16. Framing for soffits, interior and exterior.
17. All Interior Architectural Woodwork
18. All louvers, casework and interior millwork.
19. Legal Removal and Disposal of fill.
20. Provide openings in exterior and interior masonry walls for installation of mechanical equipment and material, including furnishing and installation of lintels. This includes widening of existing openings as may be required.
21. Provide Baseline General Construction Schedule incorporating the other Prime Contracts Schedules with the General Construction Schedule, and provide an update to the construction schedule on a monthly basis for the duration of the project.
22. The Contractor for General Construction (GC) is responsible for the entire scope of roofing removal and replacement, including asbestos abatement where indicated, and roof drain replacement where indicated, with the exception of roofing areas at the top of the Middle School masonry façade and in Roof Area C (which are by the Contractor for Masonry Construction (MAS) in Phase 2). The GC is responsible for blocking and curb/rail/portal installation with flashings at all roof areas (including Roof Area C) to facilitate installation of mechanical equipment by others.
23. The Contractor for General Construction (GC) is responsible for the entire scope of vinyl wall coverings as indicated in the drawings and specifications. The Owner is responsible for magnetic wall coverings.
24. The Contractor for General Construction (GC) will demolish openings and provide and install new mechanical louvers and ancillary construction as indicated in Rooms 136, 138, 140, 145, 221, 223, 224, 225 and 226.
25. The Contractor for General Construction (GC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate hold dimensions, installation of blocking, etc.

- B. The following additional requirements for the Contractor for **Mechanical Construction Rye High School Middle School Contract 4 MC: Mechanical** include, but not limited to the following:

1. Removal of all debris.



2. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction (GC) to install.
3. Provide all excavation and backfill for trenches inside building walls.
4. Provide curbing for rooftop equipment for General Contractor (GC) for installation.
5. Provide starters to Electrical Contractor, installation to be by Electrical Contractor (EC).
6. Protection of work after installation.
7. Mechanical connections to equipment furnished by any other Contract.
8. Coordination Drawings, coordinate with Plumbing Contract and Electrical Contract.
9. Low voltage wiring for HVAC systems.
10. Trades shall identify the locations of required blocking.
11. Housekeeping pads.
12. Cutting and patching unless otherwise noted.
13. Firestopping.
14. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
15. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
16. Coordinate roofing work under this Contract with the General Construction Contract.
17. Furnish to the General Construction Contractor portals for roof equipment installation that are required for this Contract work.
18. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
19. MEP to provide updated CPM schedules to the General Contractor.
20. The Contractor for Mechanical Construction (MC) will provide, install and maintain gym flooring protection as indicated on the mechanical drawings.

C. The following additional requirements for the Contractor for **Plumbing Construction Rye High School Middle School Contract 4 PC: Plumbing** include, but not limited to the following:

1. The Plumbing contractor shall furnish, install and connect all plumbing supply, sanitary, and storm lines inside the building and to 5' (five feet) beyond the exterior building wall.
2. Removal of all debris.
3. Provide all excavation and backfill for trenches inside building walls, including floor infill and patching to match existing, surrounding materials.
4. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction to install.
5. Provide starters to Electrical Contractor, installation to be by Electrical Contractor.
6. Protection of work after installation.
7. Plumbing connection to equipment furnished by any other Contract.
8. Temporary Water: Provide temporary water service as noted in Section 01 50 00 Temporary Facilities and Controls - 3.2, C.
9. Install fixtures waste, vent, gas, water and other items for equipment provided by other Contracts.



10. Trades shall identify the locations of required blocking.
11. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
12. Housekeeping pads.
13. Cutting and patching.
14. Firestopping.
15. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
16. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
17. Coordinate roofing work under this Contract with the General Construction Contract.
18. Furnish to the General Construction Contractor portals for roof equipment installation that are required for this Contract work.
19. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
20. MEP to provide updated CPM schedules to the General Contractor.
21. The Contractor for Plumbing Construction (PC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

D. The following additional requirements for the Contractor for **Electrical Construction Rye High School Middle School Contract 4 EC: Electrical** include, but not limited to the following:

1. Removal of all debris.
2. Supply access panels/doors to be installed in walls, floors or ceilings to Contractor for General Construction to install.
3. Provide all excavation and backfill for trenches inside building walls.
4. Install starters supplied by other trades.
5. Protection of work after installation.
6. Electrical connections to equipment supplied by other Contracts.
7. Electrical Contractor will be responsible for all site electrical excavation and backfilling, exclusive of the installation of the new electrical Manhole Structure and Duct Bank.
8. Site lighting and main electric power.
9. Remove and legally dispose of existing PCB containing lighting fixtures, bulbs and ballast.
10. Temporary Electric: Provide Temporary Electrical service and lighting for the project as noted in Section 01 50 00 Temporary Facilities and Controls – 3.2, G, H & I.
11. Electrical Contract will remove wiring to light fixtures, drop fixtures to floor for GC Contract-1 to pick up and dispose of.
12. Trades shall identify the locations of required blocking.
13. Housekeeping pads.
14. Cutting and patching.
15. Firestopping.



16. Temporarily remove, store and reinstall existing hung ceiling panel assembly as required to access areas of work within plenum.
17. Temporary lighting for sidewalk sheds/bridges.
18. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
19. Coordinate roofing work under this Contract with the General Construction Contract.
20. Furnish to the General Construction Contractor portals for roof equipment installation that are required for this Contract work.
21. Provide the General Contractor, within 15 days of award, a schedule with line items and various tasks broken down with start dates and duration days and provide the same on a monthly basis for the duration of the project.
22. MEP to provide updated CPM schedules to the General Contractor.
23. The Contractor for Electrical Construction (EC) will provide and install the specified cable for the telecoil hearing loops, including necessary trenching and infill at floors, per the contract drawings and details.
24. The Contractor for Electrical Construction (EC) is responsible for all floor slab demolition and patching associated with the installation of electrical floor boxes where indicated on drawings.
25. The Contractor for Electrical Construction (EC) shall be provided with approved shop drawings for casework to be supplied by Owner and shall use these to coordinate installation of electrical conduit and boxes. The EC shall also coordinate with the Contractor for General Construction (GC) for this work.

E. The following additional requirements for the Contractor for **Masonry Restoration Rye High School Middle School Contract 4 Mas: Masonry Restoration at Middle School** include, but not limited to the following:

1. Install temporary fencing around work area and staging and material storage.
2. Coordinate closure of the road adjacent to the construction area with Construction Manager and Owner.
3. Provide site signage as required to identify work areas and inform people not to enter the construction area, this includes interior building signage as well as exterior site signage.
4. Daily cleaning of the work areas and areas in the building and site that have been affected by the construction.
5. Provide Baseline General Construction Schedule incorporating the other Prime Contracts Schedules with the General Construction Schedule, and provide an update to the construction schedule on a monthly basis for the duration of the project.
6. The Contractor for Masonry Restoration (MAS) is responsible for the full scope of masonry façade restoration at the Middle School, including removal and replacement of all windows in the Middle School masonry façade and ancillary carpentry and finish work on the interior side of the Middle School masonry façade, and stucco cladding removal and replacement with EIFS cladding, and all integral roofing removal and replacement at the top of the masonry façade and in Roof Area C, including roof drain replacement where indicated. Removal and replacement of all storefront at the Middle School security vestibule is the responsibility of the Contractor for General Construction (GC).
7. The Contractor for Masonry Restoration (MAS) is responsible for the



entire scope of door removal, replacement and installation at Doors E1-28, ST1-1 and ST1-3.

F. Temporary service shall be provided as follows:

1. Temporary power and lighting for building and site. Electric consumption to be paid by **Owner**. Temporary electrical service to be available 24hours/day, 7days/week at no additional cost to the owner.
2. Temporary Heat by the **Contractor for General Construction- Rye High School Middle School Contract 4 GC: General Construction** including temporary enclosures at all openings to maintain heat and provide heat for temperature sensitive work activities and material installations and storage, this includes but not limited to cold weather protection for masonry and concrete construction activities. Refer to Temporary Facilities and Controls 01 50 00 for additional information.
3. Temporary sanitary facilities by **Contractor for General Construction**. Minimum one unit per 10 workers and separate unit for women with lock as it applies to each School.
4. Temporary water by **Contractor for Plumbing Construction**.
5. Snow plowing/shoveling all building areas exposed to weather, inclusive of the Staging Area, temporary parking areas and access to the Owners Trailer/Field Office by **Contractor for General Construction**.
6. Project identification and safety signs by **Contractor for General Construction**.
7. Each Contract is responsible for their temporary offices, storage trailers, electric hook-up and phone service.

G. **DAILY CLEANING**

1. Daily Cleaning: All Prime Contracts are responsible for any and all debris caused by their Work, including the Work of their subcontractors. A daily clean up and disposal is required by each Prime Contract for the periods which that Prime Contract, or its sub-contractors, are performing Work on site.
2. Assign at least one person for a daily clean and sweep of the work area(s). Prime Contractor shall allot sufficient manpower and time for this to be completed by the end of each shift. Submit name of this person(s) to Construction Manager.
3. Construction Manager shall have the authority to give direction to person(s) on the Project Site identified by the Prime Contract as designated for cleanup tasks.
4. Any Prime Contract not providing personnel for Daily Cleaning will be Back Charged for labor provided by others to complete this task.
5. Contractor working solely in an area shall be responsible for clean/sweep of that area.



6. Daily cleaning will not mean any one Prime Contract is responsible for assisting another Prime Contract with removing major quantities of debris created by a particular Prime Contract's Work.
7. Daily cleaning will be mandated to remove from the building any debris created by day-to-day activities. Each Prime shall assist in sweeping shared work areas and shared corridors while working on site. Each Prime shall assist in mopping of shared corridors while working on site or as required by the Owner.
8. Prime Contractors shall provide sweeping compound for daily cleaning in their respective interior work areas. Each Prime Contract shall provide a sufficient number of brooms or other necessary tools, for use by their personnel to adequately fulfill their obligations.
9. Prime Contractors shall provide and maintain garbage cans/refuse containers with liners for each construction area of their respective contracts as directed by the Construction Manager and Prime Contractors shall be responsible for disposing of these materials to a dumpster.
10. Prime Contractors shall provide the necessary equipment/containers (lull/skip-box) to move daily clean/sweep debris from the building to a dumpster on a daily basis, for each construction area of their respective contracts.
11. Cleaning shall be deemed a Safety & Health issue, with Prime Contracts being held accountable for fulfilling their contractual obligations.
12. Final Cleaning: At Substantial Completion of each area of construction, each Prime Contract shall wipe/vacuum clean all of their respective installations; Prime Contractors shall mop clean all finish flooring and remove all marks/blemishes to the finish, for each construction area of their respective contracts. Each area of construction shall be wiped clean of all construction dust and debris prior to turnover to the Owner.

#### **1.07 WORK SCHEDULES**

- A. All work: done in accordance with a predetermined detailed Work Schedule agreed upon by Owner and Contractors. Each Prime Contractor shall submit a detailed Work Schedule to the Contractor for General Construction, within 15 days after Award of Contract. Schedule shall include all milestone and other significant dates. Contractor for General Construction shall combine all into a CPM schedule within 30 days of award and update weekly for the duration of the project, all primes to sign off on final CPM Schedule.
  1. Work Schedule shall be computer generated, in CPM format and in an additional format as approved by the Architect and Owner. Work Schedule shall be revised weekly during the Course of the Work. The latest revised Work Schedule shall be submitted each month with the Application for Payment.
- B. General Contractor shall coordinate work with the Owner, other Contractors at the site, and all of its subcontractors.
- C. Locations of trailers, storage areas, parking areas, and staging areas shall be coordinated with the Owner, Construction Manager and Architect.



- D. It will be the responsibility of the Contractor to carefully interface all construction operations until they reach their final completion, and so the Owner's programs and services can be carried on without interruptions so that a smooth flow of all operations by all involved trades will be achieved within the allotted time.

#### **1.08 ACCESS TO THE SITE**

- A. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

#### **1.09 CODES APPLICABLE**

- A. Construction will be governed by: New York State Uniform Fire Prevention and Building Code, current applicable edition, and its referenced codes and standards. State Education Department Manual for Planning Standards.

#### **1.10 PREPARATION OF SITE**

- A. Site drawings indicate existing grade elevations, final grade elevations, and locations of work on the property.
- B. Contractor agrees to accept site as indicated and to remove Encumbrances, which interfere with proper fulfillment of his work without change in Contract Sum.
- C. All Work as noted inside or outside of Contract Limit Lines shall be performed by Contractor as part of Contract Work.

#### **1.11 CONTRACTOR'S USE OF PREMISES**

- A. Confirm Operations at the Site to Areas and Methods Permitted by:
  - 1. Laws.
  - 2. Ordinances.
  - 3. Permits.
  - 4. Contract Documents.
  - 5. Owner's regulations.
- B. General: During the construction period the Contractor shall have full use of the premises for construction operations, in accordance with the General Conditions of the Contract for Construction. The Contractor's use of the premises is limited only by the Owner's right to perform construction operations with its own forces or to employ separate contractors on portions of the project.
- C. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
- D. Do not unreasonable encumber site with materials or equipment.



- E. Do not load structure(s) with weight that will endanger structure.
- F. Each Subcontractor is responsible for protection and safekeeping of his materials, products and equipment stored on the premises of incorporated into the construction, until his contract is complete and accepted by the Owner.
- G. Site Access: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- H. Move at the Contractor's/Subcontractor's cost any stored materials, products or equipment which interfere with operations of Owner or others.
- I. Special Owner Requirements:
  - 1. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building, prior to Substantial Completion provided that such occupancy does not interfere with completion of Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
  - 2. All activities required on the site for completion of the work shall be accomplished within the Contract limit lines as indicated on the Drawings.

#### **1.12 LINE AND LEVELS**

- A. Drawings indicate location of the Work.
- B. Contractor shall layout all Work prior to construction and will be held responsible for its accuracy. Layout approval by Owner and Architect is required prior to construction.
- C. Owner shall establish a "Datum" or "Bench Mark" at convenient locations, which will remain throughout Work, for convenience and constant reference for use of all Contractors.
- D. Each Contractor is responsible for their own survey(s) and layout.

#### **1.13 TIME FOR COMPLETION**

- A. It is understood and mutually agreed that time is of the essence with regard to Substantial Completion of the Work of this Contract.
- B. Contractor agrees that Work shall be prosecuted diligently and uninterruptedly at such rate as will ensure Substantial Completion of all Work and Certificates of Occupancy on or before the date stated in the Contract.
- C. It is expressly understood and agreed by Contractor and Owner that the time for Substantial Completion and Certificates of Occupancy are reasonable, taking into



consideration average Climatic range, restrictions concerning use of the site, and Other conditions prevailing.

- D. Contractor shall schedule the Work accordingly.

#### **1.14 EXAMINATION OF SURFACES TO BE COVERED**

- A. Prior to application of materials included in the various Sections, the installer, the manufacturer's representative, and the Contractor shall together examine the building and surfaces upon which materials are to be supplied.
- B. The installer and the manufacturer's representative shall accept all surfaces and conditions affecting proper installation of their materials. The installer shall not proceed with the work until all conditions and surfaces are satisfactory to him.
- C. The Contractor shall do all work necessary to correct unsatisfactory conditions and surfaces not specifically included as work of the subcontractor.
- D. The subcontractor shall furnish to the Contractor for submission to the Architect 2 copies of his statement, countersigned by the manufacturer or his appointed representative that the entire installation has been made by correct techniques over properly prepared surfaces and under proper job conditions.

#### **1.15 FIRE SAFETY REQUIREMENTS**

- A. The Contractor shall conform to the following mandatory Requirements during the course of the work:
  - 1. Construction related debris shall be cleaned out of the Building at the end of each working day.
  - 2. No combustible materials shall be stored neither within the building, nor on the school grounds unless as directed.

#### **1.16 SCHEDULE OF VALUES REQUIREMENTS**

- A. The Contractor shall conform to the following mandatory requirements for percentages of the total contract value, including accepted add alternates, for the Schedule of Values (SOV) submission:
  - 1. General Conditions – 2%
  - 2. Meeting Attendance – 2%
  - 3. Shop Drawings / Samples Submissions – 1%
  - 4. Temporary Utilities & Services – 1%
  - 5. Coordination Drawings – 1%
  - 6. Punch-List – 1%
  - 7. Close-Out Documents (Warranties/Guarantees, As-Builts & O&M Manuals) – 3%

#### **1.17 COORDINATION DRAWINGS**

- A. The Contractor shall coordinate the work of all Sub-Contractors, arrange space conditions to accommodate the work of all trades and prepare composite drawings



as required to scale clearly the work of each trade Contractor in relation to each other.

- B. The Contractor will be held responsible to correct unsatisfactory conditions resulting from improper coordination.
- C. Contractors to communicate and supply shop drawings to each other to insure proper coordination.
- D. Coordination drawings shall be submitted to the Architect for review and approval.
- E. Daily field reports are to be provided by all Contractors to the Construction Manager.
- F. Coordination Meetings:
  - 1. General: Contractors are to prepare a written memorandum on required coordination activities. Include such items as required notices, reports, minutes of meetings, and attendance at meetings. Distribute this memorandum to each entity performing work at the project site. Prepare similar memorandum for separate contractors where interfacing of their work is required.
  - 2. Weekly coordination meetings: Contractors shall schedule and hold weekly general project coordination meetings at regularly scheduled times that are convenient for the attendance of other parties involved in the project (i.e. Owner, Architect, CM, Sub-Contractors etc.). The Contractors shall record meeting results and shall make them available to the Project Team. These meetings are in addition to the specific meetings held for other purposes, such as regular project meetings and special pre-installation meetings. Required attendance includes each prime contractor and every other entity identified by any prime contractor as being currently involved in the coordination or planning for the work of the entire project. Conduct meetings in a manner that resolve coordination problems. The Construction Manager shall have a representative at the meetings. The Contractors shall distribute copies of the meeting result to everyone in attendance, the Architect and to others affected by the decisions and actions resulting from each meeting.
- G. Scaled and figured dimensions with respect to the items are approximate only; sizes of equipment have been taken from typical equipment items of the classes indicated. Before proceeding with the work, the contractor shall carefully check all dimensions and sizes and shall assume full responsibility for the fitting in of equipment and materials to the building and to meet architectural and structural conditions.
- H. Separate plans shall also be prepared for sleeve locations and concrete pads for mechanical equipment required by all contractors for the performance of their work. These drawings shall be coordinated with the coordination drawings. When final information is received, such data shall be promptly inserted on the coordination drawings.
- I. The HVAC Contractor shall provide electronic drawing files, at a scale of 3/8" – 1'-0" showing all HVAC equipment, ductwork, and major piping, including elevations and dimensions to all fixed building elements, such as beams; columns, slabs; ceilings; including ceiling suspensions; framing; floor; walls; doors, including door swings; and windows affected by the equipment, ductwork, and piping. Show all registers, grilles, diffusers, radiators and convectors, and other terminal elements. Show



location of all valves, dampers (fire, smoke, volume, and automatic), coils, humidifiers, smoke detectors, etc. requiring access for service and maintenance. Locate all access doors. Include large-scale details and sections as required to fully delineate the conditions in congested areas, leaving space for the work of the other contractors. Show plan layout of all equipment bases, pads, and inertia blocks. Clearly label all work by HVAC Contractor.

- J. The Plumbing Contractor shall overlay on the electronic coordination drawings prepared by the HVAC Contractor which indicate all HVAC water supply, drain, waste, vent, sprinkler main and branch piping, risers and sprinkler heads and other major lines. Indicate piping elevations and locations of the fire hose cabinets, drinking fountains, etc., which encroach on duct shafts. Locate valves and other items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC work and with building construction. Use same scale as drawing being overlaid. Clearly label all work by Plumbing Contractor.
- K. The Electrical Contractor shall overlay on the electronic coordination drawings prepared by the HVAC, Plumbing and Fire Protection Contractors all main conduit and bus runs, cable trays, light fixtures, major equipment, and switch gear and panel boards and clearances. Show all items requiring access for service and maintenance. Locate all access doors. Avoid interference with HVAC, Plumbing, and Fire Protection work and with building construction. Use same scale as drawings being overlaid. Clearly label all work by Electrical Contractor.
- L. Each Contractor shall use the signed completed coordination drawings as a working reference. Compare all shop drawings, prior to their submittal to the Architect, with the coordination drawings and revise the shop drawings to fit the coordination drawing condition. If revisions to the coordination drawings are required because of shop drawings, make revisions as directed by Construction Manager and notify all affected contractors with copy of notification to Construction Manager. Maintain up-to-date record of all revisions on own coordination drawing copies; keep one copy at project site.
- M. No extra compensation will be paid to any contractor for relocating any duct, pipe, conduit, or other material installed without coordination among trades involved or among other affected contractors. Each Contractor who causes any additional work to other contractors by improperly coordinated work or work not installed in accordance with the signed coordination drawings shall reimburse the affected other contractors for the cost of the additional work.

**PART 2 – PRODUCTS (Not Used)**

**PART 3 – EXECUTION (Not Used)**

**End of this Section 01 10 10 MULTIPLE CONTRACT SUMMARY**

**RYE HIGH SCHOOL MIDDLE SCHOOL**



## SECTION 01 23 00.1

### ALTERNATES

#### PART 1 - GENERAL

##### 1.01 DESCRIPTION

- A. Description of changes to be incorporated into the Prime Contract for Site Work as described in this specification section and as shown within the Contract Documents.

##### 1.02 REQUIREMENTS

- A. Alternates quoted on the bid form will be reviewed and accepted or rejected at the Owner's discretion. Accepted alternates will be identified in the Owner-Contractor Agreement.
- B. Coordinate all related work and modify surrounding work as required to integrate the work of each alternate selected by the Owner.
- C. The bidder shall enter the amount of the increase or decrease for each alternate in the appropriate column of the Bid Form, and this amount shall be indicated in numerical figures and also written out in full in the space provided for each alternate.
- D. References to Project Manual specification divisions or sections to describe the work required by an alternate as indicated are not intended to restrict the work of the alternate to a single contract or trade but to provide reference to that work comprising the major portion of the alternate. It shall be the responsibility of all Contractors to determine the extent of all work and materials required by the alternate and to include any additional cost in the proposal for the alternate.

##### 1.03 SELECTION AND AWARD OF ALTERNATES

- A. The Contract will be awarded to the qualified bidder whose lump sum base bid, together with any alternates which the Owner may wish to accept, totals the lowest number of dollars.

##### 1.04 DESCRIPTION OF ALTERNATES

###### A. CONTRACT 1 - OSBORN ELEMENTARY SCHOOL

###### 1. Project 1

###### a) Alternate A – Full Gray Box Renovation

GC: Renovation of existing Auditorium into Gray Box (multi-purpose performance and recreation space). Add scope indicated on detail sheets A2-122A, A2-123A, A2-211A, A2-302A, A2-324A, A2-421A, A2-722A, A2-723A, A2-921A. Refer to drawings H2-101, H2-201 for mechanical scope of work. Refer to drawings E2-103, E2-203, E2-303 for electrical scope of work. Refer to AVE2 drawings for AV scope of work.



- b) Alternate B - Music Rooms 2 & 3  
Renovate 2 existing Kindergarten Rooms to become Orchestra and Band Rooms with a Music Resource Room between them, with a foldable partition accessed from the Orchestra room.  
Refer to drawing H2-201 for mechanical scope of work.  
Refer to drawings E2-103, E2-203, E2-303 for electrical scope of work.

2. Project 2

- a) Alternate A – Library Renovation; Telecoil Hearing Loop (copper wire install)  
GC: Coordinate with EC to accommodate telecoil hearing loop install within Library renovation project. See drawing sheet A2-120A.  
EC: Saw cut floor slab and install copper wire for telecoil hearing loop. Head end equipment to be by Owner. Scope shown on drawing sheet AVE2-201. Refer to E2-304 for electrical scope of work. Refer to AVE2-201 for AV scope of work.
- b) Alternate B – Library Renovation; Kiva tiered seating  
Full construction and installation of Kiva tiered seating platform in library, including integrated shelves and surface-mounted outlets built into the Kiva. Detail drawings for the Kiva can be found on sheet A2-323A. Alternate floor plans can be found on sheets A2-120A, A2-121A, and A2-720A. Alternate interior elevations can be found on sheet A2-210. For electrical scope of work refer to E2-304
- c) Alternate C – Library Renovation; Acoustic Ceiling Baffles  
Add additional Acoustic Ceiling Baffles in Library per sheet A2-420A.
- d) Alternate D-Abatement of Chalkboards and associated glues, mastics, adhesives etc.  
Bidders must coordinate with owner and environmental consultant prior to any chalkboard removals in Rooms 40, 41 & 42. Chalkboards and associated glues, mastics, adhesives, etc. must be inspected and bulk sampled, as deemed necessary by the consultant, prior to demolition. Inspection must be conducted at least one (1) week prior to any scheduled removals, and once the rooms are no longer in use by the occupants. Should ACM be identified in the chalkboards, or their associated adhesives, abatement is required in compliance with NYCRR 56. Bidders should provide one (1) unit price to remove and dispose of two (2) chalkboards with associated glue, mastic, adhesive, etc. on brick walls within one (1) room (approx. 130 SF per chalkboard, on opposite sides of room.) There are a total of three (3) rooms in which removal may be required in this alternate. This includes **all added costs** not included in base bid demolition, such as but not limited to labor to access ACM, notification fees, all prep, removal and cleaning labor, equipment, travel and disposal fees. No demolition of walls, ceilings, or any structural components is



permitted unless approved in writing by the owner. If ACM is identified, this lump sum cost will be accepted per room and the work can proceed. If no ACM is present, this cost will not be accepted, and demolition will proceed as non-ACM work by the base bid.

The successful bidder will be requested to hold this Alternate, Contract 1 Project 2 Alternate D, until June 30, 2021 for the Rye City School District to accept or reject this Alternate.

B. CONTRACT 2 - MIDLAND ELEMENTARY SCHOOL

1. Project 1

- a) Alternate A – Gray Box; New Ceiling and Lighting to go with HVAC.  
GC: Remove and replace existing ceiling in the Auditorium. Add scope indicated on detail sheets D2-121 and A2-421.  
Refer to drawing H2-202 for mechanical scope of work.  
Refer to drawings E2-102, E2-202, E2-302 for electrical scope of work.
- b) Alternate B – Full Gray Box Renovation  
GC: Renovation of existing Auditorium into Gray Box (multi-purpose performance and recreation space). Add scope indicated on detail sheets D2-101A, D2-121A, A2-102A, A2-122A, A2-123A, A2-211A, A2-302A, A2-321A, A2-421A, A2-722A, A2-723A, A2-921A.  
Refer to drawing H2-202 for mechanical scope of work.  
Refer to drawing E2-104 for electrical scope of work.
- c) Alternate C – 1950 Wing North; Ceiling and Lighting in Classrooms and 1950 Wing South; Ceiling and Lighting in Classrooms  
Remove existing ceilings and lighting and replace with new ceilings and lighting. Room #'s 1-12, 19, 21, 24-28 and 30.  
Refer to drawing H2-201 and H2-203 for mechanical scope of work.  
Refer to drawings E2-101, E2-102, E2-103, E2-201, E2-202, E2-203 for electrical scope of work.
- d) Alternate D - Cafeteria HVAC  
Replace existing packaged rooftop HVAC unit with new HVAC unit and replace the existing indoor duct mounted hot water coil.  
Refer to drawings H2-201, H2-204 for mechanical scope of work.  
Refer to drawing E2-304 for electrical scope of work.



2. Project 2
  - a) Alternate A – Library Renovation; Telecoil Hearing Loop (copper wire install)

GC: Coordinate with EC to accommodate telecoil hearing loop install within Library renovation project. See drawing sheet A2-120A.

EC: Saw cut floor slab and install copper wire for telecoil hearing loop. Head end equipment to be by Owner. Scope shown on drawing sheet AVE2-201.

Refer to drawing AVE2-201 for AV scope of work.

Refer to drawing E2-302 for electrical scope of work.
  - b) Alternate B – Library Renovation; Kiva tiered seating

Full construction and installation of Kiva tiered seating platform in library, including integrated shelves and surface-mounted outlets built into the Kiva. Detail drawings for the Kiva can be found on sheet A2-322A. Alternate floor plans can be found on sheets A2-120A, A2-121A, and A2-720A. Alternate interior elevations can be found on sheet A2-210A.

Refer to drawing E2-302 for electrical scope of work.
  - c) Alternate C – Library Renovation; Acoustic Ceiling Baffles

Add additional Acoustic Ceiling Baffles in Library per sheet A2-420A.
3. Project 4
  - a) Window Replacement; 2006 Wing

Window replacement of types 6A and 6B on the 2006 wing.

C. CONTRACT 3 - MILTON ELEMENTARY SCHOOL

1. Project 1
  - a) Alternate A – Boiler removal as ACM

Bidders must coordinate with owner and environmental consultant prior to any boiler removals to inspect and bulk sample both boiler interiors as deemed necessary by the consultant. Inspection must be conducted at least 3 weeks prior to any scheduled removals. Should ACM be identified within the boilers, such as but not limited to cement packing, fire brick, mortar, or gaskets, abatement is required in compliance with NYCRR 56. Bidders should provide one (1) lump sum price to remove and dispose of both (2) boilers in their entirety as ACM. Concrete pads are to remain. This includes **all added costs** not included in base bid boiler demolition, such as but not limited to labor to access ACM, notification fees, all prep, removal and cleaning labor, equipment, travel and disposal fees. The waste path must be through existing paths of egress. No demolition of walls, ceilings, or any structural components is permitted unless approved in writing by the owner. If boilers are ACM, this lump sum cost will be accepted, and the work can proceed. If no ACM



is present, this cost will not be accepted, and boiler demolition will proceed as non-ACM work by the base bid.  
Refer to asbestos abatement drawings for additional abatement scope of work and drawing H2-204 for mechanical scope of work.

2. Project 2

- a) Alternate A – Library Renovation; Telecoil Hearing Loop (copper wire install)  
GC: Coordinate with EC to accommodate telecoil hearing loop install within Library renovation project. See drawing sheet A2-120A.  
EC: Saw cut floor slab and install copper wire for telecoil hearing loop. Head end equipment to be by Owner. Scope shown on drawing sheet AVE2-201.  
Refer to drawing E2-301 for electrical scope of work.
- b) Alternate B – Library Renovation; Kiva tiered seating  
Full construction and installation of Kiva tiered seating platform in library, including integrated shelves, surface-mounted outlets, and insulated air-space for fin-tube radiator built into the Kiva. Detail drawings for the Kiva can be found on sheet A2-322A and A2-323A. Alternate floor plans can be found on sheets A2-120A, A2-121A, and A2-720A. Alternate interior elevations can be found on sheet A2-211.  
Refer to drawing H2-202 for mechanical scope of work.  
Refer to drawing E2-301 for electrical scope of work.
- c) Alternate C – Library Renovation; New Ceiling and Flooring in Hallway.  
Add new ceiling and lighting fixtures in hallway outside Library per sheet A2-420A and add new flooring in hallway per sheet A2-720A.  
Refer to drawings E2-101, E2-201, E2-301 for electrical scope of work.

D. CONTRACT 4 - RYE HIGH SCHOOL MIDDLE SCHOOL

1. Project 1

- a) Alternate A – PRV Assembly  
PRV Assembly Replacement as shown on sketches SKP2-1 and SKP2-2

2. Project 4

- a) Alternate A – MS Masonry Restoration; Tower Veneer Replacement  
Tower Veneer to be replaced and new windows. (This is labeled on the drawings)  
Refer to drawings E2-108, E2-312 for electrical scope of work.



PART 2 PRODUCTS

NOT USED

PART 3 EXECUTION

NOT USED

END OF SECTION 01 23 00.1



**SECTION 01 23 00.2  
ALTERNATES  
ATTACHMENT**

**ALTERNATES**

**A. CONTRACT 1 - OSBORN ELEMENTARY SCHOOL**

1. Project 1

a) Alternate A – Full Gray Box Renovation

Add or Delete: \_\_\_\_\_ \$  
Circle one

b) Alternate B - Music Rooms 2 & 3

Add or Delete: \_\_\_\_\_ \$  
Circle one

2. Project 2

a) Alternate A – Library Renovation; Telecoil Hearing Loop (copper wire install)

Add or Delete: \_\_\_\_\_ \$  
Circle one

b) Alternate B – Library Renovation; Kiva tiered seating

Add or Delete: \_\_\_\_\_ \$  
Circle one

c) Alternate C – Library Renovation; Acoustic Ceiling Baffles

Add or Delete: \_\_\_\_\_ \$  
Circle one

d) Alternate D Abatement of Chalkboards and associated glues, mastics, adhesives etc.

Add or Delete: \_\_\_\_\_ \$  
Circle one

**B. CONTRACT 2 - MIDLAND ELEMENTARY SCHOOL**

1. Project 1

a) Alternate A – Gray Box; New Ceiling and Lighting to go with HVAC

Add or Delete: \_\_\_\_\_ \$  
Circle one

b) Alternate B – Full Gray Box Renovation

Add or Delete: \_\_\_\_\_ \$  
Circle one

*Rye City School District  
Osborn Elementary School,  
Midland Elementary School &  
Rye High School Middle School*

Alternates Attachment

01 23 00.2-1



- c) Alternate C – 1950 Wing North; Ceiling and Lighting in Classrooms and 1950 Wing South; Ceiling and Lighting in Classrooms

Add or Delete: \_\_\_\_\_ \$  
Circle one

- d) Alternate D - Cafeteria HVAC

Add or Delete: \_\_\_\_\_ \$  
Circle one

2. Project 2

- a) Alternate A – Library Renovation; Telecoil Hearing Loop (copper wire install)

Add or Delete: \_\_\_\_\_ \$  
Circle one

- b) Alternate B – Library Renovation; Kiva tiered seating

Add or Delete: \_\_\_\_\_ \$  
Circle one

- c) Alternate C – Library Renovation; Acoustic Ceiling Baffles

Add or Delete: \_\_\_\_\_ \$  
Circle one

3. Project 4

- a) Window Replacement; 2006 Wing

Add or Delete: \_\_\_\_\_ \$  
Circle one

C. CONTRACT 3 - MILTON ELEMENTARY SCHOOL

1. Project 1

1. Alternate A – Boiler removal as ACM

Add or Delete: \_\_\_\_\_ \$  
Circle one



2. Project 2

- a) Alternate A – Library Renovation; Telecoil Hearing Loop (copper wire install)

Add or Delete: \_\_\_\_\_ \$  
Circle one

- b) Alternate B – Library Renovation; Kiva tiered seating

Add or Delete: \_\_\_\_\_ \$  
Circle one

- c) Alternate C – Library Renovation; Acoustic Ceiling Baffles

Add or Delete: \_\_\_\_\_ \$  
Circle one

D. CONTRACT 4 - RYE HIGH SCHOOL MIDDLE SCHOOL

1. Project 1

- a) Alternate A – PRV Assembly

Add or Delete: \_\_\_\_\_ \$  
Circle one

2. Project 4

- a) Alternate A – MS Masonry Restoration; Tower Veneer Replacement

Add or Delete: \_\_\_\_\_ \$  
Circle one

Submitted by:

Contractor: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Position: \_\_\_\_\_

END OF SECTION 01 23 00.2 ATTACHMENT

*Rye City School District  
Osborn Elementary School,  
Midland Elementary School &  
Rye High School Middle School*

Alternates Attachment

01 23 00.2-3



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## INSURANCE COVERAGE CERTIFICATION

\_\_\_\_\_ (name), President/CEO/Owner/Managing Member of  
\_\_\_\_\_ (bidder), hereby deposes and says that the bidder currently  
has, or immediately upon being awarded the contract, will obtain insurance coverage, from an insurer  
licensed and admitted to do business in New York, that meets the following requirements:

1. Workers' Compensation and Disability:

Coverage	Statutory
Extensions	Voluntary compensation
	All states coverage employers
	Employer's liability - unlimited

2. Commercial General and Umbrella Liability

Coverage	Occurrence using ISO occurrence Form CG 00 01 07 98 or later form
----------	--

Limits per project	General Aggregate - \$2,000,000.00 on a per project basis
	Products - Completed/Operations - \$2,000,000.00
	Personal & Advertising Injury - \$1,000,000.00
	Fire Damage (any one fire) - \$100,000.00
	Medical Expenses (any one person) - \$10,000.00

Owners and Contractors Protective Liability Insurance:

- a. \$2,000,000 per occurrence, \$4,000,000 general aggregate for contracts greater than \$1,000,000, or any contracts involving scaffolds or work above a height of one story.
- b. \$1,000,000 per occurrence, \$2,000,000 general aggregate for contracts less than or equal to \$1,000,000 that do not involve scaffolds or work above a height of one story.

Excess Liability (excess coverage shall be on a follow-form basis):

- a. \$10,000,000 for contracts greater than \$1,000,000, or any contracts involving scaffolds or work above a height of one story.
- b. \$5,000,000 for contracts less than or equal to \$1,000,000 that do not involve scaffolds or work above a height of one story.

3. Automobile Liability (all vehicles hired or non-hired): \$1,000,000.00 per accident



4. If this project requires the removal of asbestos and/or hazardous materials, Contractors shall provide hazardous material liability insurance as follows:

\$2,000,000 per occurrence/\$2,000,000 aggregate, including products and completed operations. Such insurance shall include coverage for the Contractor's operations including, but not limited to, removal, replacement enclosure, encapsulation and/or disposal of asbestos, or any other hazardous material, along with any related pollution events, including coverage for third-party liability claims for bodily injury, property damage and clean-up costs. If a retroactive date is used, it shall pre-date the inception of the Contract. If motor vehicles are used for transporting hazardous materials, the Contractor shall provide pollution liability broadened coverage (ISO endorsement CA 9948), as well as proof of MCS 90. Coverage shall fulfill all requirements of this Article 10 and shall extend for a period of three (3) years following acceptance by the District of the Certificate of Completion.

5. Testing Company Errors and Omission Insurance:

\$1,000,000 per occurrence/\$2,000,000 aggregate for the testing and other professional acts of the Contractor performed under the Contract with the Owner.

If written on a "claims-made" basis, the retroactive date must pre-date the inception of the Contract or agreement. Coverage shall remain in effect for two years following the completion of work. The testing company shall also provide proof of Workers' Compensation and NY State Disability Benefits Insurance, Commercial General Liability and Excess Liability with limits of \$2,000,000 each occurrence and in the aggregate.

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Sworn to before me this \_\_\_\_\_

day of \_\_\_\_\_, 20\_\_\_\_\_

\_\_\_\_\_  
Notary Public



# Bid Walk Through Attendance Sign in Sheet

**PROJECT:** Interior & Exterior Renovations at Rye High School Middle School

**OWNER:** Rye City School District

**ARCHITECT:** Geddis Architects

**CONSTRUCTION MANAGER:** Savin Engineers

**DATE & TIME:** February 3, 2021 @ 1:00 pm

**MEETING TYPE:** Bid Walk Through Meeting

	NAME	COMPANY	EMAIL
1	Bob Filmer	SAVIN	RFILMER@SAVINENGINEERS.COM
2	Dean Sprock	Savin	dsprock@savinengineers.com
3	Robert Gimigliano	RCSD	gimigliano.robert@ryeschools.org
4	Joe McCone	PATRIOT	jmccone@thepatriotorganization.com
5	Maria Baptista	Geddis Architects	mariab@geddisarchitects.com
6	Thomas Azzolini	BGA	TAZZOLINI@BGA-ENG.COM
7	Jason Tierney	Capital Industries	Jason@capitalwrecking.com
8	LAURENCE BARILE	BGA	LBARILE@BGA-ENG.COM
9	STEVE MURCHIN	PIROTTI CORP.	STEVEN@PIROTTICORP.COM
10	Gustavo Carvajal	Piazza	Gus@PiazzaBrothers.com
11	TRAVON MALONE	RENU CONTRACTING	TMALONE@RMNY.COM
12	RAYMOND BREIT	Bertussis	rbreit@prsheetmetal.com
13	TOM	Arrow Steel	TC@ARROWSTEELWINDOR.COM
14	VINCENT FIOLO	Gracie	estimating@gcdny.com
15	Eric Studley	Thermodynamics	eric@thermodynamicscorp.com
16	MOHAMMAD MIAN	SURGINTL	INFOSURGINTL@GMAIL.COM
17	John Mall	iMenger	JFMall@Mengermetal.com
18	Oscar Hinkle	Savin	
19			
20			



# Bid Walk Through Attendance Sign in Sheet

**PROJECT:** Interior & Exterior Renovations at Midland Elementary School

**OWNER:** Rye City School District

**ARCHITECT:** Geddis Architects

**CONSTRUCTION MANAGER:** Savin Engineers

**DATE & TIME:** February 3, 2021 @ 3:30 pm

**MEETING TYPE:** Bid Walk Through Meeting

	NAME	COMPANY	EMAIL
1	Bob Fitwaters	Savin	R.Fitwaters@SA
2	Jason Tierney	Capital Industries	Jason@capitalwrecking.com
3	Eric Stalley	Thermo Dynamics	eric.s@thermodynamicscorp.com
4	Dean Sprock	Savin Engineers	dsprock@savinengineers.com
5	LAURENCE BARILE	BGA	LBARILE@BGA-ENG.COM
6	Oscar Hinkle	Savin	ohinkle@savinengineers.com
7	Raymond Burt	Bertus	Sweber@BertusSIS.com
8	John Gannon	Arrow Steel Weld	TCCANALYST@WIND
9	Rob Gimigliano	RCS D	gimigliano.robert@nypschools
10	Maria Baptista	Geddis Architects	maria.b@geddisarchitects.com
11	Gustavo Carvajal	Piazza Inc.	Gus@PiazzaBrothers.com
12	Joe McCune	Patriot	Jmccune@thepatriotorganization.com
13	VINCENT FLOCO	GRACE	estimating@geclay.com
14	STEVE MORDITHIAN	PIEROTTI	STEVEN@PIEROTTICORP.COM
15	John Mah	Mengle	JMah@MengleArch.com
16	TRAVON MALONE	RENLI CONTRACTING	TMALONE@RMNY.COM
17	Christopher Satriale	BGA	Satriale@bga-eng.com
18	Rick Mulsyke	BGA	RMULSYKE@BGA-ENG.COM
19			
20			



# Bid Walk Through Attendance Sign in Sheet

**PROJECT:** Interior & Exterior Renovations at Osborn Elementary School

**OWNER:** Rye City School District

**ARCHITECT:** Geddis Architects

**CONSTRUCTION MANAGER:** Savin Engineers

**DATE & TIME:** February 4, 2021 @ 3:30 pm

**MEETING TYPE:** Bid Walk Through Meeting

	NAME	COMPANY	EMAIL
1	Dean Sprock	Savin Engineers	dsprock@savinengineers.com
2	Oscar Hinkle	Savin	ohinkle@savinengineers.com
3	Nick Pedlow	BGA	NPELOW@BGA-ENG.COM
4	Eric Studley	Thermo Dynamics	erics@thermodynamicscorp.com
5	Tom Commons	Ann Steel Works	TC@ANNSTEELWORKS.COM
6	VINCENT FOCO	GRACE	estimating@gcdny.com
7	Joe Piazza	Piazza	Joe@PiazzaBrothers.com
8	Brant Tharin	MacKenzie	brant@themackenziecos.com
9	Steve Pierotti	PIEROTTI	STEVE@PIEROTTICORP.COM
10	Rob Gimigliano	RCS D	g.m.gimigliano.robert@ryeshools
11	Pat Milboer	RCS D	Pat.Milboer.Patrick@Ryeshools
12	Robert Tru	SA	
13	TRAVON MALONE	RENU	TMALONE@KUNY.COM
14	David Vigni	Capital Demolition	David@capitalwrecking.com
15	Tom Ahern	ETS Contr.	Thomas@etscontracting.com
16	Flora Cordero	Upper Restoration	Flora@upperrestoration.com
17	RtBurt	Bertussis	sweberebertussis.com
18	John Brice		
19	Steve Pirzinger	TWP	Steve@TWPPlumbinginc.com
20			



# Bid Walk Through Attendance Sign in Sheet

**PROJECT:** Interior & Exterior Renovations at Milton Elementary School

**OWNER:** Rye City School District

**ARCHITECT:** Geddis Architects

**CONSTRUCTION MANAGER:** Savin Engineers

**DATE & TIME:** February 4, 2021 @ 5:00 pm

**MEETING TYPE:** Bid Walk Through Meeting

	NAME	COMPANY	EMAIL
1	Tom Connors	Anna Steel Windows	TCC@ANNASTEELWINDOWS.COM
2	Vincent Fuoco	GRACE	estimating@gcdny.com
3	Gi Markley	Markley Mech	Contract (a) markleymechanical.com
4	TRAVON MALONE	RENU CONTRACTING	TMALONE@RENUY.COM
5	David Vieri	Capital Industries	David@capitalworking.com
6	Eric Studley	Thermo Dynamics	eric@thermodynamicscorp.com
7	Bob FINEIS	SAH	RFINEIS@SAH
8	Flora Cordero	Upper Restoration	Flora@upperrestoration.com
9	MATT MASI	ACORN Electric	Mattmasi@AcornElectric.net
10	STEVE MORTIMAN	PIEROTTI	STEVE.M@PIEROTTICORP.COM
11	JSN		
12	Tom Ahern	ETS Contracting	thomas@etscontracting.com
13	Oscar Hunk	Savin	ohunk@savinengineers.com
14	LAURENCE BARILE	BGA	LBARILE@BGA-ENG.COM
15	Dean Spink	Savin	dspink@savinengineers.com
16	Rob Grigliano	RCSO	griglianorobert@ryeschools
17	Bill Salisbury	RCSO	salisbury.william@ryeschools
18	Chuck Fuoco	PAGE	CFuoco777@aol.com
19			
20			



# MEETING AGENDA and MEETING NOTES

<b>Owner/District:</b>	<u>Rye City School District</u> <u>Osborn ES, Midland ES, Milton ES</u> <u>Rye HS &amp; MS</u>	<b>Project #:</b> <u>5008.15</u>
<b>Architect:</b>	<u>Geddis Architects</u>	
<b>Meeting Type:</b>	<u>Bid Walk Through</u>	
<b>Date:</b>	<u>Wednesday February 3, 2021 @ 1pm HS/MS</u> <u>&amp; Midland 3pm</u> <u>Thursday February 4, 2021 @ Osborn</u> <u>3:30pm &amp; Milton 5pm</u>	

## 1. Introduction of Project Team

- a. Rye City School District
- b. Geddis Architects
- c. Fielding International, Odeh Engineers, Weston & Sampson, PE, LS, LA, PC, Barile Gallagher & Associates, DP Design and Quest Environmental Solutions & Technologies, Inc.
- d. Savin Engineers

List of attendees attached for all to sign

## 2. Contracts for each School

### BID # 20-21-05

#### Contract 1

- Osborn ES Contract 1 GC: General Construction
- Osborn ES Contract 1 MC: Mechanical
- Osborn ES Contract 1 PC: Plumbing
- Osborn ES Contract 1 EC: Electrical
- Osborn ES Contract 1 WC: Windows

### BID # 20-21-06

#### Contract 2

- Midland ES Contract 2 GC: General Construction
- Midland ES Contract 2 MC: Mechanical
- Midland ES Contract 2 PC: Plumbing
- Midland ES Contract 2 EC: Electrical
- Midland ES Contract 2 WC: Windows

### BID # 20-21-07

#### Contract 3

- Milton ES Contract 3 GC: General Construction
- Milton ES Contract 3 MC: Mechanical
- Milton ES Contract 3 PC: Plumbing
- Milton ES Contract 3 EC: Electrical
- Milton ES Contract 3 RC: Roofing



**BID # 20-21-08**

**Contract 4**

- **Rye High School – Middle School Contract 4 GC: General Construction**
- **Rye High School – Middle School Contract 4 MC: Mechanical**
- **Rye High School – Middle School Contract 4 PC: Plumbing**
- **Rye High School – Middle School Contract 4 EC: Electrical**
- **Rye High School – Middle School Contract 4 MAS: Masonry Restoration @ Middle School**

**3. Discussion of Project Scope**

- **Osborn ES**
  - Construction of new security vestibule
  - Interior Renovations; Library, Main Office, Special Service rooms, toilet room renovations, Grey Box, CMU wall extension at corridor for fire rating
  - Selective roofing replacements, including skylight removal, multi purpose room wall remodel,
  - Window Replacements
  - Water service
  - HVAC upgrades
- **Midland ES**
  - Construction of new security vestibule
  - Interior Renovations; Library, Main Office, classrooms toilet rooms, Grey Box
  - Selective roofing replacements
  - Window Replacements
  - Boiler upgrade
  - HVAC upgrades
  - Electrical Service upgrades
- **Milton ES**
  - Construction of new security vestibule
  - Interior Renovations; Library, Main Office
  - Selective roofing replacements
  - Window Replacements
  - Boiler replacements
- **Rye High School Middle School**
  - Construction of new security vestibules @ HS and MS, including sitework
  - Interior Renovations; 3<sup>rd</sup> floor Learning Commons, Middle School iLab, toilet room renovations, classroom upgrades
  - Selective roofing replacements
  - Masonry Restoration at MS, including integral roofing replacement, window replacements, misc. exterior doors and misc. interior renovations
  - Boiler conversion and boiler room upgrades
  - HVAC upgrades
  - Elevator addition



### **Walk Through of Building and Site**

Construction Activities need to be phased with the school and operation of the school. Some construction activities will need to be scheduled after school hours when the work is in the area of egress and cannot provide a safe egress if an emergency occurs during the school day. Refer to Construction Implementation Plans (CIP).

**Construction Schedule** look at spec Milestone Schedule

For working taking place during the school year, deliveries cannot be scheduled during Drop-off in the morning, 7:15-8:15am and pickup in the afternoon, 2:45-3:30pm.

#### **4. Bid Period**

- a. January 26 – February 23 @ 1pm
- b. Deliver Bids to the School District office at RYE CSD, 555 Theodore Fremd Ave, Suite B-101, Rye NY
  - i. Drop off bid in vestibule and Video conference the Bid Opening
  - ii. 3 copies all documents, 1 original and 2 copies
- c. Request for Information last day Tuesday, February 16<sup>th</sup> @ 1pm
- d. Last Addendum to be Issued Friday, February 19th

#### **5. Bid Documents to be submitted**

- a. Bid Form
- b. Non – Collusion Certification, part of Bid Form
- c. Allowances 01 21 00
- d. Unit Prices 01 22 00
- e. Alternates 01 23 00
- f. Bid Security; 10% Bid Bond
- g. Bid Qualifications & References
- h. Iran Divestment or Declaration of bidders inability to.....provide the Iran Divestment form
- i. Contractors Request for Equivalent Review Form
- j. Hold Harmless Agreement,
- k. Insurance Coverage Certification,
- l. Site Visit during the Bidding,

#### **6. Staging**

- a. Review Construction Implementation Plans  
Review of each plan per project

#### **7. Milestone Schedule, 01 10 20**

- a. Review of each project from Milestone Spec

#### **8. Insurance requirements**, check spec section , must include the Insurance Coverage Certification page



**9. Submittals**

- a. Successful bidders must start the submittal process right after the award of Contracts
  - i. Long Lead Items and items that may have longer review periods
    - 1. Doors/Hardware
    - 2. Windows
    - 3. Mechanical Equipment
    - 4. Elevator
    - 5. Foundations
    - 6. Steel
  - ii. Delegated Design
    - 1. Underpinning
    - 2. Scaffolding/sidewalk bridge

**10. Discussion & Questions**

- a. RFI's must be sent to Geddis Architects  
Maria Battista [mariab@geddisarchitects.com](mailto:mariab@geddisarchitects.com)  
and  
Savin  
Oscar Hinkle [ohinkle@savinengineers.com](mailto:ohinkle@savinengineers.com)  
Copy to Robert J. Firneis [rfirneis@savinengineers.com](mailto:rfirneis@savinengineers.com)
- b. Do not wait for the last day to submit Questions.
- c. Site Visits  
If a site is required call Oscar Hinkle at 914-490-0269



## Request for Information

DATE:
RFI RE: CONTRACT No.

REQUEST					
Subject/Title:					
Date Response Needed:					
Attachment:			Diagram No.		
Reference Drawing No.		Spec No.		Details:	
Question:          					
By:			Date:		

RESPONSE	
Reference Attached	Sketch No.
Response:	
By:	Date: