

# **ADDENDUM #1**

## **Rye City School District**

### **Osborn Elementary School**

10 Osborn Road

Rye, NY 10580

**SED Number: #66-18-00-01-0-001-022 & #66-18-00-01-0-001-024**

### **Midland Elementary School**

312 Midland Avenue

Rye, NY 10580

**SED Number: #66-18-00-01-0-003-024 & #66-18-00-01-0-003-026**

***Issued: 2021-08-16***

## **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

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. CIP-01, CIP-02, and CIP-03:
  - a. Drawings provided.
2. A3-120 – ADDITION FLOOR PLAN:
  - a. Plumbing wall at toilets adjusted for clear space.
3. A3-211 – INTERIOR ELEVATIONS ADDITION:
  - a. Elevations renumbered for clarity.

**MIDLAND:**

1. T3-001 – TITLE SHEET
  - a. Drawing list updated to include new sheet A3-607.
2. CIP-01, CIP-02, and CIP-03:
  - a. Drawings provided.
3. A3-120 – ADDITION FLOOR PLAN:
  - a. Section callout added for new detail 3/A3-322.
4. A3-202 – EXTERIOR ELEVATIONS ADDITION:
  - a. Section callouts added to elevation referencing new detail sheet A3-607.
5. A3-322 – WALL SECTION DETAILS – ADDITION
  - a. New detail added for infill at existing exterior wall.
6. A3-430 – ADDITION REFLECTED CEILING PLAN SOFFIT & FIXTURE DETAILS
  - a. New detail added for typical gyp-faced soffit.
7. A3-607 – EXTERIOR WINDOW AND DOOR SECTION DETAILS
  - a. New sheet added with (3) new details for new window/infill at existing wall.

**This Addendum No. 1 forms part of the Contract Documents and modifies the original bidding documents dated August 10, 2021.**

## **SPECIFICATIONS:**

### **VOLUME 2:**

- 1. Specification 01 10 00, paragraph 1.06.A add new item 21., 22 and 23. as follows;**
  - a. 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.
  - b. 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.
  - c. 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.
- 2. Specification 01 10 00, paragraph 1.06.B. add new item 19. as follows;**
  - a. Where framed openings are not required and piping penetrations are through existing construction, the Contractor for Mechanical Construction (MC) is responsible for his own piping penetrations, including sealing the penetrations per code and industry standard.
- 3. Specification 01 10 00, paragraph 1.06.C add new item 19. and 20. as follows;**
  - a. 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.
  - b. Where framed openings are not required and piping penetrations are through existing construction, the Contractor for Plumbing Construction (PC) is responsible for his own piping penetrations, including sealing the penetrations per code and industry standard.
- 4. Specification 01 10 00, paragraph 1.06.D modify item 20. as follows;**
  - a. Furnish to the General Construction Contract portals for roof equipment installation that are required for this Contract work.
- 5. Specification 01 10 00, paragraph 1.06.D add new item 22., 23. 24. and 25. as follows;**
  - a. 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.
  - b. The Contractor for Electrical Construction (EC) shall be provided with approved

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- 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.
- c. The Contractor for Electrical Construction (EC) is responsible to provide and install all conduit, back boxes and racks, and as identified in specification 27 41 16, with pull strings to support low voltage cabling for Audio/Visual devices. The Audio/Visual cabling and devices will be supplied and installed by the Owner and its A/V vendors. The EC shall coordinate closely with the Owner and its A/V vendors, as well as with the GC, for location of back boxes as required. Information to assist coordination has been provided in the Power & Technology Plans and "AVE" drawings.
  - d. Where framed openings are not required and conduit penetrations are through existing construction, the Contractor for Electrical Construction (EC) is responsible for his own conduit penetrations, including sealing the penetrations per code and industry standard.

#### **6. Specification 274116 – Integrated Audio Visual Systems**

- a. Delete Paragraph 27416 - 3.3

### **VOLUME 3:**

- 1. Specification 01 10 00, paragraph 1.06.A add new item 21., 22 and 23. as follows;**
  - a. 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.
  - b. 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.
  - c. 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.
- 2. Specification 01 10 00, paragraph 1.06.B. add new item 19. as follows;**
  - a. Where framed openings are not required and piping penetrations are through existing construction, the Contractor for Mechanical Construction (MC) is responsible for his own piping penetrations, including sealing the penetrations per code and industry standard.
- 3. Specification 01 10 00, paragraph 1.06.C add new item 19. and 20. as follows;**
  - a. 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

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coordinate rough plumbing and sink installation. The PC shall also coordinate with the Contractor for General Construction (GC) for this work.

- b. Where framed openings are not required and piping penetrations are through existing construction, the Contractor for Plumbing Construction (PC) is responsible for his own piping penetrations, including sealing the penetrations per code and industry standard.

**4. Specification 011000, paragraph 1.06.D. add new item 21., 22., 23. 24. and 25. as follows;**

- a. Furnish to the General Construction Contract portals for roof equipment installation that are required for this Contract work.
- b. 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.
- c. 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.
- d. The Contractor for Electrical Construction (EC) is responsible to provide and install all conduit, back boxes and racks, and as identified in specification 27 41 16, with pull strings to support low voltage cabling for Audio/Visual devices. The Audio/Visual cabling and devices will be supplied and installed by the Owner and its A/V vendors. The EC shall coordinate closely with the Owner and its A/V vendors, as well as with the GC, for location of back boxes as required. Information to assist coordination has been provided in the Power & Technology Plans and "AVE" drawings.
- e. Where framed openings are not required and conduit penetrations are through existing construction, the Contractor for Electrical Construction (EC) is responsible for his own conduit penetrations, including sealing the penetrations per code and industry standard.

**5. Specification 274116 – Integrated Audio Visual Systems**

- a. Delete Paragraph 27416 - 3.3

## **CLARIFICATIONS:**

1. **Question:** In reference to Midland ES drawing H3-201 refrigeration piping diagram, can you provide us with the proper pipe sizes from the roof to the distribution boxes to the A/C units. Please advise

**Answer:** The contractor shall retain the services of the equipment manufacturer's representative for purposes of providing refrigerant pipe sizing.

2. **Question:** In the Specifications for Midland ES section for Mechanical Piping 23410 there is no indication showing options for pipe types and sizes for various applications. In question is 2 inch pipe and smaller, is copper an option in 2" for heat pipes? It does mention groove pipe and Vic fittings. Also the specs do not mention and type pipe for sizing below 2 inches. Can you please advise?

**Answer:** Refer to section 23 04 10, page 6, 2.1-O, paragraphs 1 and 2, steel and copper pipe is specified.

3. **Question:** CIP 1, 2, and 3 are missing from both Midland and Osborn drawing sets.

**Answer:** Above drawings are provided in this Addendum.

4. **Question:** Are required to bid both schools?

**Answer:** Yes both schools will be under one contract and a bid must be provided for both.

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# Rye City School District

## 555 Theodore Fremd Ave, Rye, NY 10580

# Midland Elementary School

312 Midland Avenue, Rye, New York 10580

# SED #: 6618-0001-0003-026

#### UNIFORM SAFETY STANDARDS COMMISSIONER'S REGULATIONS 155.5

##### 1. Statement:

"The occupied portion of any school building shall always comply with the minimum requirements necessary to maintain a certificate of occupancy."

2. Indication that all school areas to be disturbed during renovation or demolition have been or will be tested for lead and asbestos. Note, the project folder should contain a letter regarding the presence of asbestos.

##### 3. Statement:

"General safety and security standards for construction projects.

1. All construction materials shall be stored in a safe and secure manner.
2. Fences around construction supplies or debris shall be maintained.
3. Gates shall always be locked unless a worker is in attendance to prevent unauthorized entry.
4. During exterior renovation work, overhead protection shall be provided for any sidewalks or areas immediately beneath the work site or such areas shall be fenced off and provided with warning signs to prevent entry.
5. Workers shall be required to wear photo-identification badges at all times for identification and security purposes while working at occupied sites."

##### 4. Statement:

"Separation of construction areas from occupied spaces. Construction areas which are under the control of a contractor and therefore not occupied by district staff or students shall be separated from occupied areas. Provisions shall be made to prevent the passage of dust and contaminants into occupied parts of the building. Periodic inspection and repairs of the containment barriers must be made to prevent exposure to dust or contaminants. Gypsum board must be used in exit ways or other areas that require fire rated separation. Heavy duty plastic sheeting may be used only for a vapor, fine dust or air infiltration barrier, and shall not be used to separate occupied spaces from construction areas.

1. A specific stairwell and/or elevator should be assigned for construction worker use during work hours. In general, workers may not use corridors, stairs or elevators designated for students or school staff.
2. Large amounts of debris must be removed by using enclosed chutes or a similar sealed system. There shall be no movement of debris through halls of occupied spaces of the building. No material shall be dropped or thrown outside the walls of the building.
3. All occupied parts of the building affected by renovation activity shall be cleaned at the close of each workday. School buildings occupied during a construction project shall maintain required health, safety and educational capabilities at all times that classes are in session."
4. A plan detailing how exiting required by the applicable building code will be maintained.
5. A plan detailing how adequate ventilation will be maintained during construction.

##### 5. Statement:

"Construction and maintenance operations shall not produce noise in excess of 60 dba in occupied spaces or shall be scheduled for times when the building or affected building spaces are not occupied or acoustical abatement measures shall be taken."

##### 6. Statement:

"The contractor shall be responsible for the control of chemical fumes, gases, and other contaminants produced by welding, gasoline or diesel engines, roofing, paving, painting, etc. to ensure they do not enter occupied portions of the building or air intakes."

##### 7. Statement:

"The contractor shall be responsible to ensure that activities and materials which result in "off-gassing" of volatile organic compounds such as glues, paints, furniture, carpeting, wall covering, drapery, etc. are scheduled, cured or ventilated in accordance with manufacturers recommendations before a space can be occupied."

##### 8. Statement:

"Large and small asbestos abatement projects as defined by 12NYCRR56 shall not be performed while the building is occupied". Note, it is our interpretation that the term "building", as referenced in this section, means a wing or major section of a building that can be completely isolated from the rest of the building with sealed non combustible construction. The isolated portion of the building must contain exits that do not pass through the occupied portion and ventilation systems must be physically separated and sealed at the isolation barrier.

Exterior work such as roofing, flashing, siding, or soffit work may be performed on occupied buildings provided proper variances are in place as required, and complete isolation of ventilation systems and at windows is provided. Care must be taken to schedule work so that classes are not disrupted by noise or visual distraction.

9. Surfaces that will be disturbed by reconstruction must have a determination made as to the presence of lead. Projects which disturb surfaces that contain lead shall have in the specifications a plan prepared by a certified Lead Risk Assessor or Supervisor which details provisions for occupant protection, worksite preparation, work methods, cleaning and clearance testing which are in general accordance with the HUD Guidelines.

#### DRAWINGS INDEX

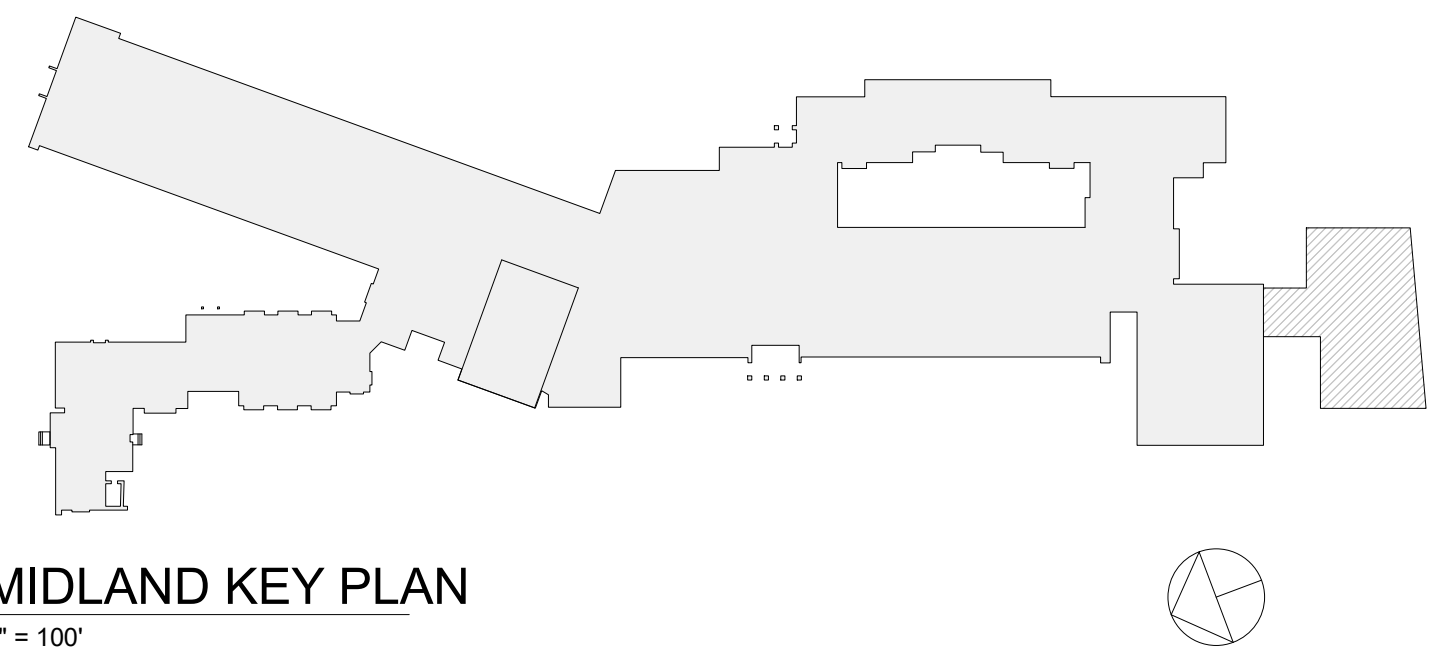
Number	Name	Current Revision	Date
T3-001	TITLE SHEET - PHASE 3	F	Addendum 1 8/16/2021
CIP -01	CONSTRUCTION IMPLEMENTATION PLAN - GENERAL NOTES & MILESTONE SCHEDULE	E	ADDITIONS: ISSUED FOR BID 08/10/2021
CIP -02	CONSTRUCTION IMPLEMENTATION PLAN - EXISTING CONDITIONS & DEMOLITION PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
CIP -03	CONSTRUCTION IMPLEMENTATION PLAN - FIRST FLOOR & ROOF PLANS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
C3-100	EXISTING CONDITIONS AND DEMOLITION PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
C3-101	SITE PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
C3-102	GRADING AND EROSION AND SEDIMENT CONTROL PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
C3-103	UTILITY PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
C3-500	CONSTRUCTION DETAILS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
C3-501	CONSTRUCTION DETAILS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
C3-502	CONSTRUCTION DETAILS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
C3-503	CONSTRUCTION DETAILS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
C3-504	CONSTRUCTION DETAILS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
X3-101	FIRST FLOOR CODE COMPLIANCE PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
X3-102	FIRST FLOOR CODE COMPLIANCE PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
X3-110	ADDITION CODE COMPLIANCE & LIFE SAFETY PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
D3-101	FIRST FLOOR DEMOLITION PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
D3-120	ADDITION DEMO PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
D3-201	ADDITION DEMO ELEVATIONS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-101	FIRST FLOOR PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-110	ROOF PLAN	F	Addendum 1 8/16/2021
A3-120	ADDITION FLOOR PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-121	ADDITION POWER & TECHNOLOGY LEGEND	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-122	ADDITION POWER & TECHNOLOGY PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-130	ADDITION ROOF PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-201	EXTERIOR ELEVATIONS - ADDITION	F	Addendum 1 8/16/2021
A3-202	EXTERIOR ELEVATIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-203	EXTERIOR ELEVATIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-204	EXTERIOR FIBER CEMENT PANEL DESIGN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-210	INTERIOR ELEVATIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-211	INTERIOR ELEVATIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-212	INTERIOR ELEVATIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-300	WALL TYPE	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-301	BUILDING SECTIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-302	BUILDING SECTIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-310	WALL SECTIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-311	WALL SECTIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-312	WALL SECTIONS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-320	WALL SECTION DETAILS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-321	WALL SECTION DETAILS - ADDITION	F	Addendum 1 8/16/2021
A3-322	WALL SECTION DETAILS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-330	ROOF DETAILS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-331	ROOF DETAILS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-332	ROOF DETAILS - ADDITION	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-400	CEILING FIXTURE AND MATERIAL LEGENDS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-420	ADDITION REFLECTED CEILING PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-430	ADDITION REFLECTED CEILING PLAN SOFFIT & FIXTURE DETAILS	F	Addendum 1 8/16/2021
A3-501	DIVISION OF CLASSROOM # 36 DEMO AND FLOOR PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-601	DOOR & FRAMING TYPES & SCHEDULES	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-602	INTERIOR GLAZING TYPE & SCHEDULE	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-603	EXTERIOR WINDOW TYPES	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-604	EXTERIOR WINDOW AND DOOR SECTION DETAILS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-605	EXTERIOR WINDOW AND DOOR SECTION DETAILS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-606	EXTERIOR WINDOW AND DOOR SECTION DETAILS	F	Addendum 1 8/16/2021
A3-700	FINISH SCHEDULES & LEGENDS	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-720	ADDITION FLOORING PATTERN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-721	ADDITION - WALL FINISH PLAN	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-801	CASEWORK - WINDOW BENCH TYPE A	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-802	CASEWORK - WINDOW BENCH TYPE B	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-803	CASEWORK - WINDOW BENCH TYPE C	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-804	CASEWORK - WINDOW BENCH TYPE D	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-805	CASEWORK - WINDOW BENCH TYPE E	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-806	CASEWORK - STUDENT CUBBIES	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-807	CASEWORK - STUDENT CUBBIES	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-808	CASEWORK - STUDENT CUBBIES	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-809	CASEWORK - SINK BASE CABINET	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-810	CASEWORK - TALL STORAGE WITH MOBILE CARTS A	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-811	CASEWORK - TALL STORAGE WITH MOBILE CARTS B	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-812	CASEWORK - CONFERENCE ROOM STORAGE	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-813	CASEWORK - ADDITION LIBRARIES	E	ADDITIONS: ISSUED FOR BID 08/10/2021
A3-814	CASEWORK - ADDITION LIBRARIES	E	ADDITIONS: ISSUED FOR BID 08/10/2021

#### LOCATION MAP



#### MIDLAND KEY PLAN

1" = 100'



#### TYPICAL ARCHITECTURAL ABBREVIATIONS

AC AFF ALUM BW CLG CMT CONT CJ DR ELEV ETR EW EQC EQ EXST FIN FACP FE FEC FD GALV GC GWB HC HM HORIZ ISA LAV MAX

AIR CONDITIONING ABOVE FINISH FLOOR ALUMINUM BETWEEN CEILING CERAMIC MOSAIC TILE CONTINUOUS CONTROL JOINT DOOR ELEVATION EXISTING TO REMAIN EACH WAY ELECTRIC WATER COOLER EQUAL EXISTING FINISH FIRE ALARM CONTROL PANEL FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FLOOR DRAIN GALVANIZED GENERAL CONTRACTOR GYPSUM WALLBOARD HANDICAPPED HOLLOW METAL HORIZONTAL INTERNATIONAL SYMBOL OF ACCESSIBILITY LAVATORY MAXIMUM

MTL MIN MTD N/A NOM NTS OC OH PLAM PL PREFAB PT PTD QTY REIN SS THK THR T&B TYP UN.O VCT VERT WC WD WWF W/

METAL MINIMUM MOUNTED NOT APPLICABLE NUMBER NOMINAL NOT TO SCALE NOT IN CONTRACT ON CENTER OVERHEAD PLASTIC LAMINATE PLATE PREFABRICATED PRESSURE TREATED PAINTED QUANTITY REINFORCED STAINLESS STEEL THICK THRESHOLD TOP AND BOTTOM TYPICAL UNLESS NOTED OTHERWISE VINYL COMPOSITION TILE VERTICAL WATER CLOSET WOOD WELDED WIRE FABRIC WITH

#### LEGEND

000 ROOM NAME SQ. FT.

000X DOOR TAG

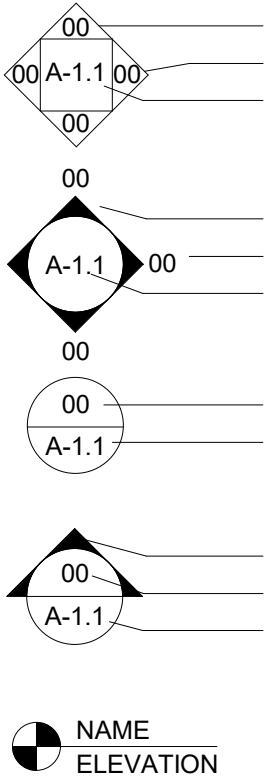
1A WINDOW TYPE

1A WALL TYPE

1A SPECIALITY EQUIPMENT

1 TITLE 1/8" = 1'-0"

DRAWING TITLE SCALE OF DRAWING DETAIL NUMBER



EXTERIOR ELEVATION TAG

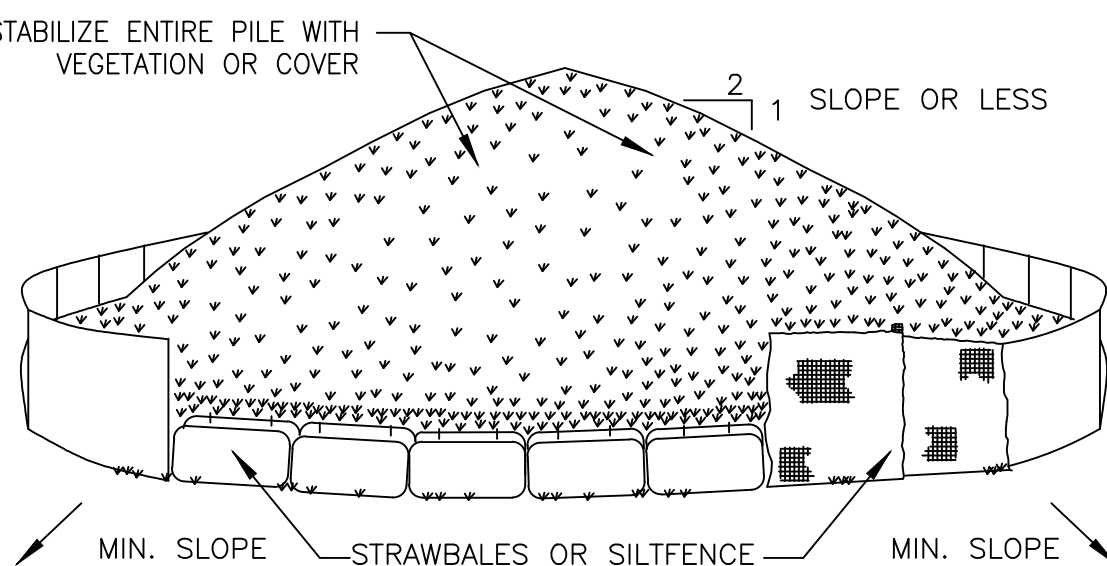
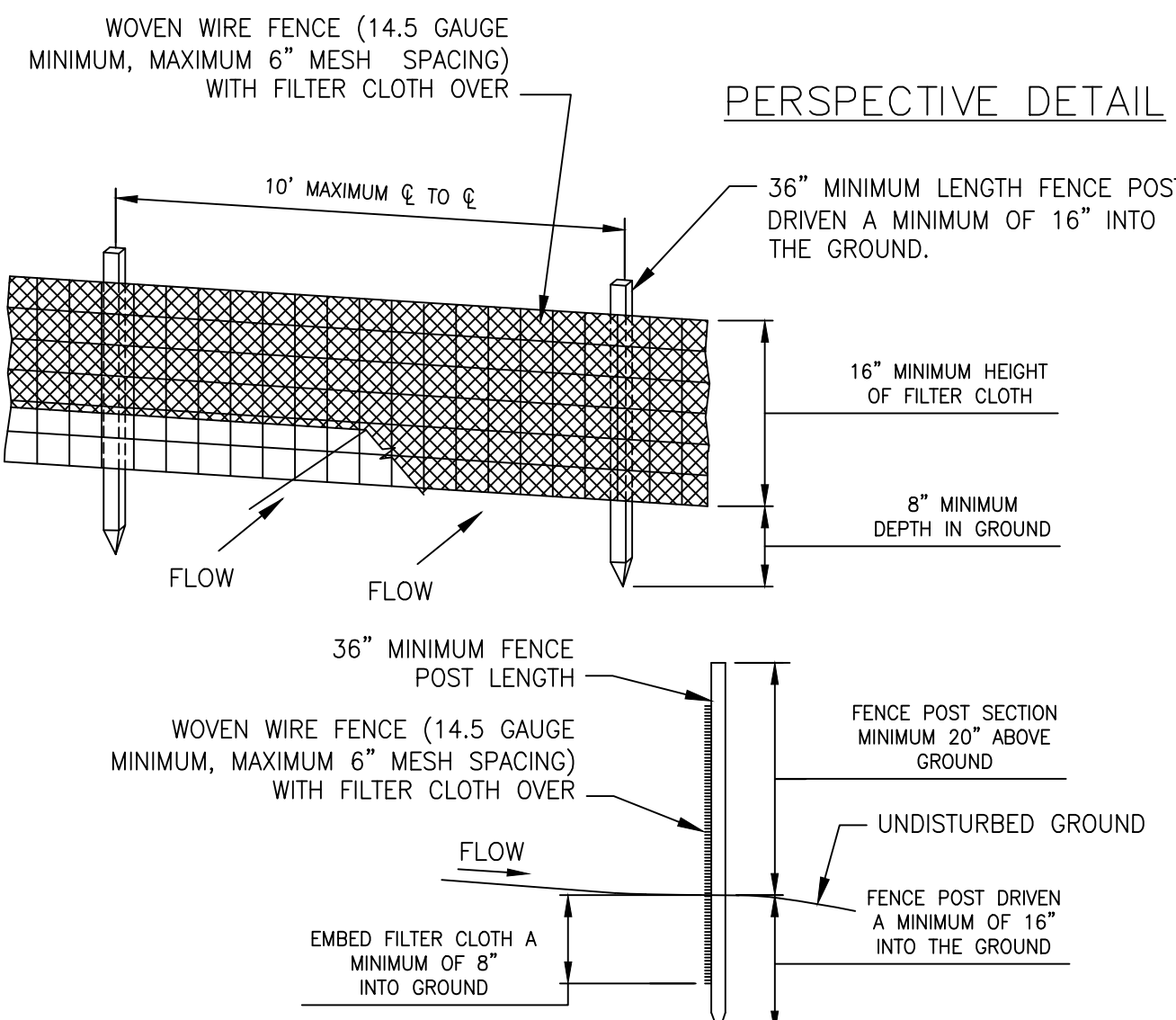
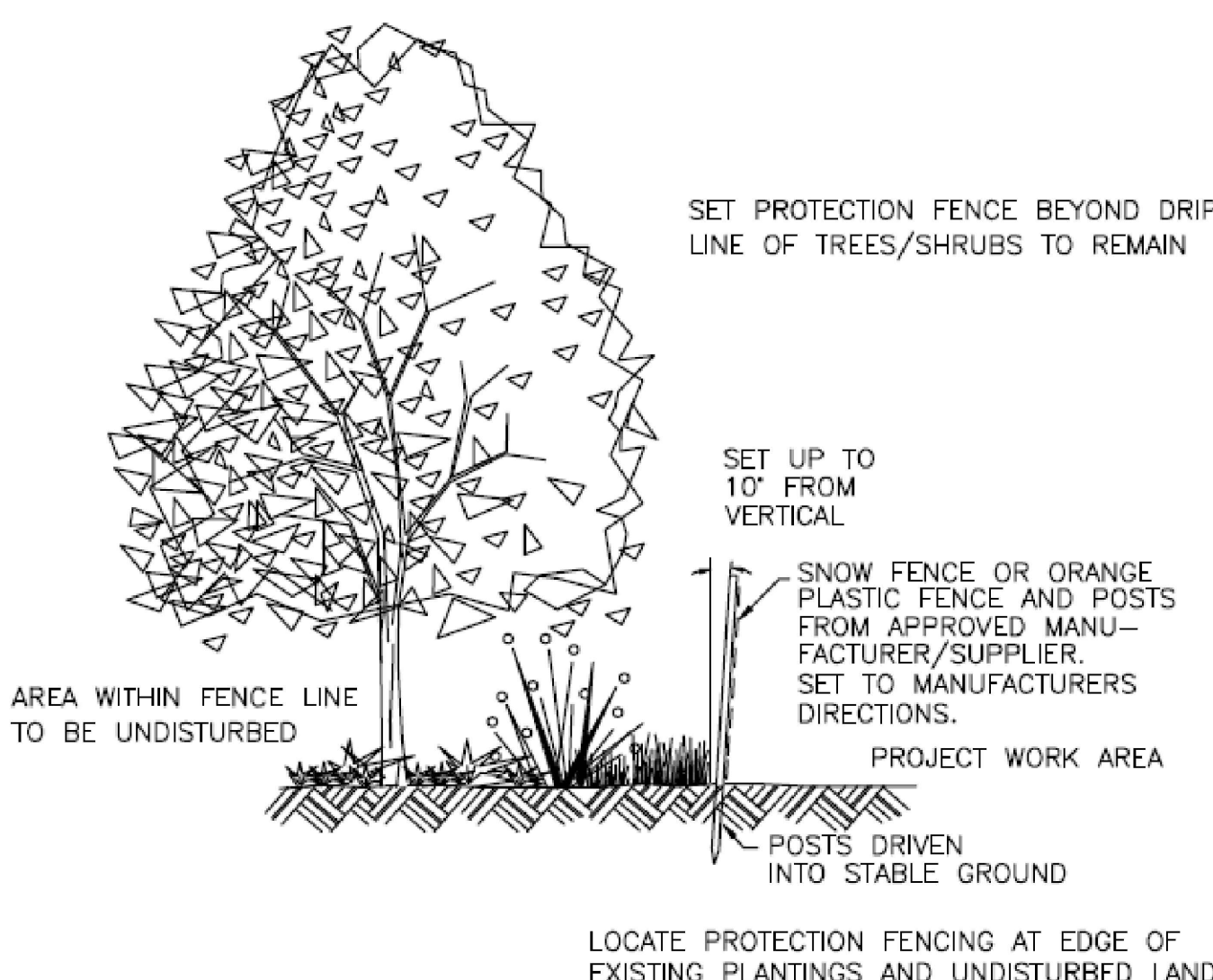
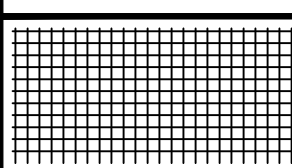

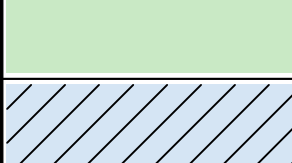
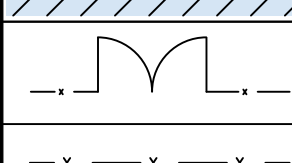
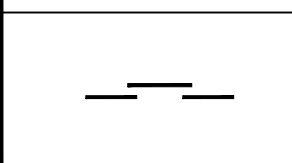
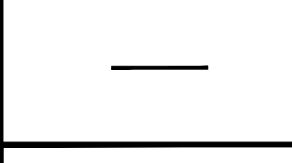
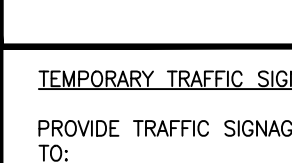
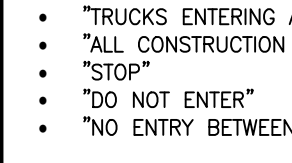
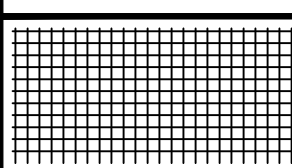

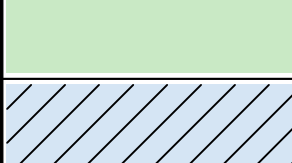
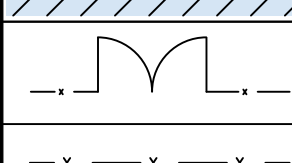
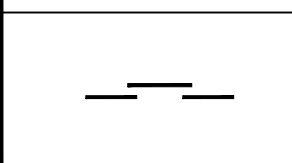
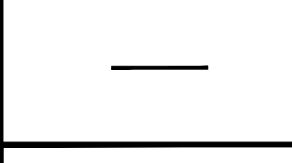
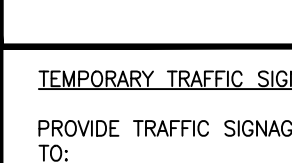
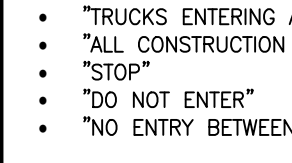
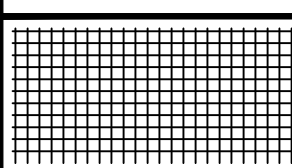

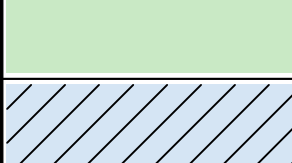
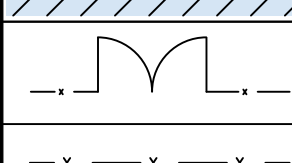
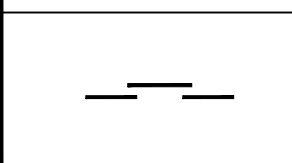
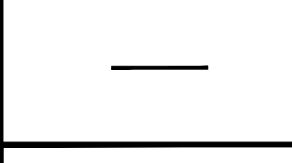
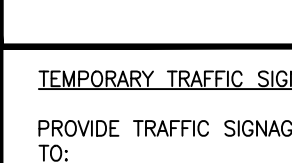
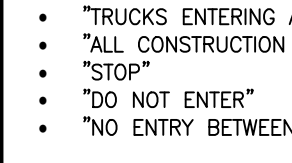
INTERIOR ELEVATION TAG

CALL OUT SYMBOL

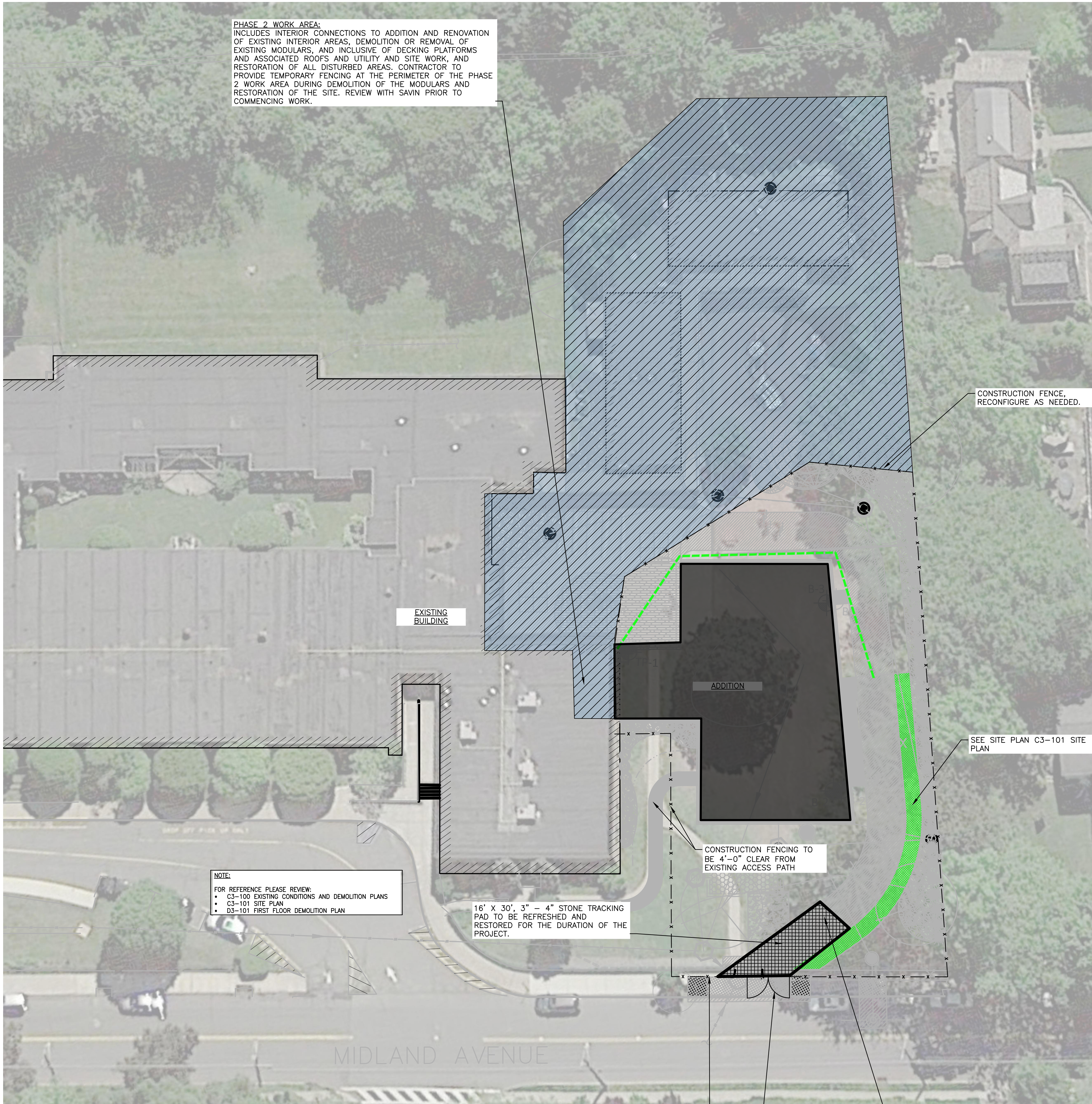
SECTION SYMBOL

LEVEL TAG



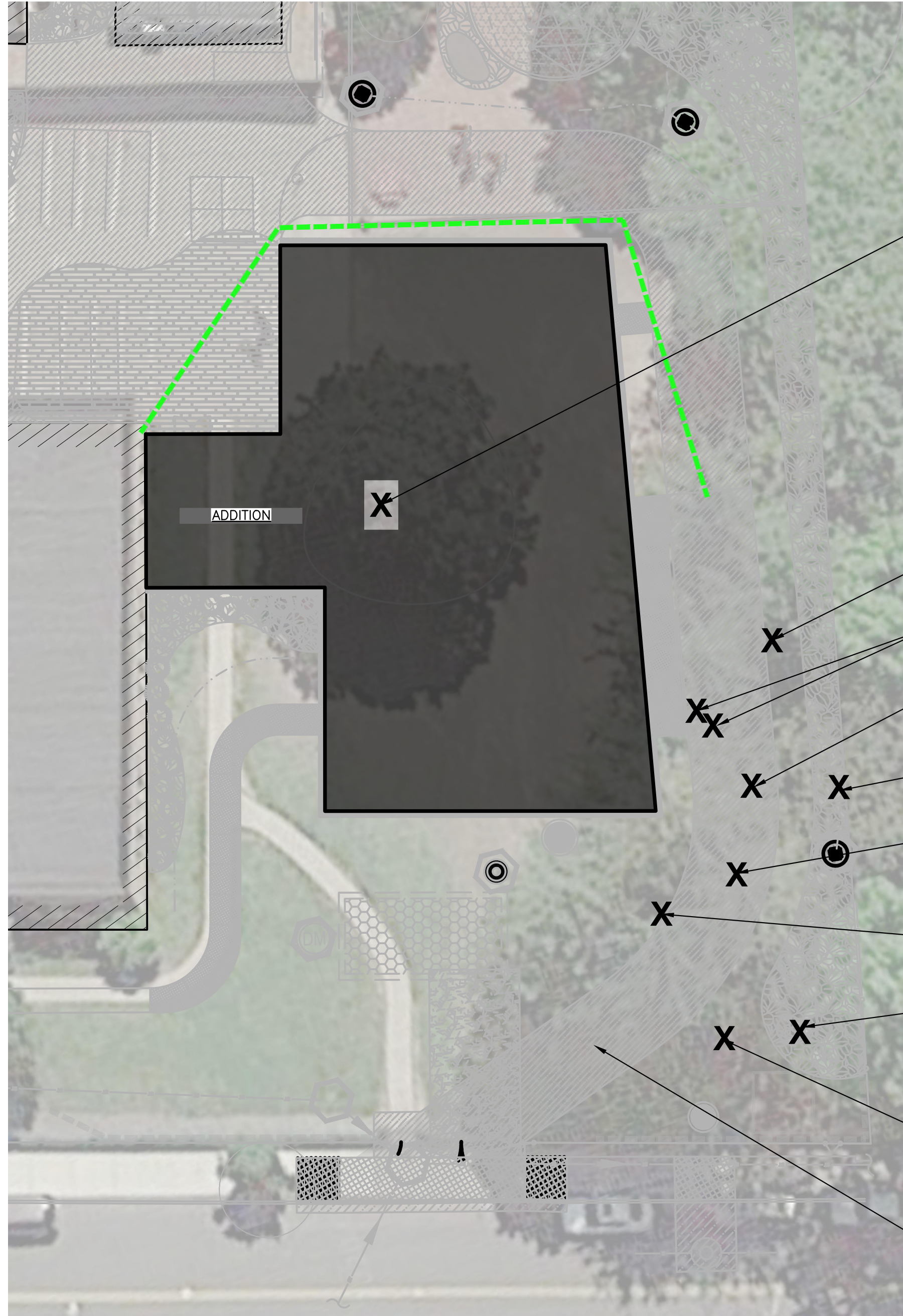
GENERAL NOTES / SAFETY GUIDELINES		NOTES	Revision Schedule																																																				
<div>1. ALL WORK SHALL COMPLY WITH THE STATE EDUCATION DEPARTMENT UNIFORM SAFETY STANDARDS.</div> <div>2. PER NYS LAW, SMOKING IS PROHIBITED ANYWHERE ON SCHOOL PROPERTY. VIOLATORS WILL BE SUBJECT TO ARREST AND/OR FINE OF \$1,000 PER OCCURRENCE.</div> <div>3. SHIRTS ARE TO BE WORN AT ALL TIMES AND NO SHORT PANTS ARE PERMITTED.</div> <div>4. ANY CONTRACTOR'S PERSONNEL USING INAPPROPRIATE LANGUAGE OR WHO IS DISRUPTIVE TO THE SCHOOL ENVIRONMENT WILL BE BANNED FROM THE SITE.</div> <div>5. CONTRACTOR'S PERSONNEL SHALL NOT CONVERSE WITH SCHOOL EMPLOYEES, STUDENTS AND OR THE LOCAL RESIDENTS.</div> <div>6. ANY CONTRACTOR'S PERSONNEL FOUND TO BE UNDER THE INFLUENCE OF ANY CONTROLLED SUBSTANCE OR ALCOHOL WILL BE BANNED FROM THE SITE.</div> <div>7. DURING SCHOOL OCCUPANCY NO DELIVERIES FROM THE CONTRACTOR WILL BE ALLOWED DURING BUS DROP OFF OR PICK UP HOURS AS DETERMINED BY THE OWNER, RYE CITY SCHOOL DISTRICT BETWEEN THE HOURS OF 7:30 AM TO 8:30 AM AND 2:30 PM TO 3:30 PM.</div> <div>8. USE OF THE EXISTING BUILDING FACILITIES DURING CONSTRUCTION IS PROHIBITED INCLUDING TOILET ROOMS, TELEPHONE AND WATER FOUNTAINS AND CLASSROOMS BY ANY CONTRACTOR'S PERSONNEL.</div> <div>9. PARKING IS RESTRICTED TO AREAS DESIGNATED BY THE OWNER AND CONSTRUCTION MANAGER. ANY VEHICLES OR TRUCKS IN NON-DESIGNATED AREAS MAY BE TOWED AT CONTRACTOR'S EXPENSE.</div> <div>10. SHOULD IT BECOME NECESSARY TO ACCESS THE EXISTING BUILDING DURING CONSTRUCTION HOURS FOR MEASUREMENTS OR OTHER NON-DISRUPTIVE WORK, THE CONTRACTOR SHALL BE ESCORTED BY THE CONSTRUCTION MANAGER.</div> <div>11. ALL WORKERS MUST WEAR PHOTO IDENTIFICATION BADGES AT ALL TIMES WHILE WORKING AT THE SITE. IDENTIFICATION BADGES MUST BE PROVIDED BY CONTRACTOR FOR THEIR RESPECTIVE PERSONNEL, INCLUDING ALL SUBCONTRACTORS.</div> <div>12. NO ASBESTOS CONTAINING PRODUCTS TO BE USED ANYWHERE ON THIS PROJECT.</div> <div>13. NO LEAD CONTAINING PRODUCTS TO BE USED ANYWHERE ON THIS PROJECT.</div> <div>14. PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR MUST SUBMIT CONSTRUCTION PLANS FOR REVIEW AND APPROVAL, WHICH SHOW THE LOCATION OF EXHAUST, FRESH AIR FANS, HVAC EQUIPMENT, LOUVERS, WINDOWS, DOORS, AND DUST CONTROL THAT WILL BE PROVIDED FOR EACH CONDITION, NOTING THAT WINDOWS AND DOORS ARE TO BE CLEANED ON A DAILY BASIS.</div> <div>15. DUST CONTROL:</div> <div>15.A. THE CONTRACTOR SHALL INSTALL DUST PROTECTION BARRIERS &amp; POLY SHEETING WITH MINIMUM DAMAGE TO ADJACENT SURFACES. THE GENERAL CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGE TO EXISTING SURFACES CAUSED BY CONSTRUCTION ACTIVITY.</div> <div>15.A.1. DURING SUMMER MONTHS WHEN BUILDING/SPACES ARE UNOCCUPIED: CONTRACTOR SHALL PROVIDE AND INSTALL ALL PENETRATIONS INTO THE BUILDING SHALL BE SEALED WITH A MINIMUM OF 6 MIL POLYETHYLENE SHEETING TO PREVENT DUST CREATED BY DEMOLITION AND CONSTRUCTION ACTIVITY FROM ENTERING THE BUILDINGS.</div> <div>15.A.2. DURING MONTHS WHEN SCHOOL IS OCCUPIED: ALL PENETRATIONS INTO THE BUILDING SHALL BE SEALED WITH TEMPORARY FIRE RATED PARTITIONS AND ACCESS DOORS TO PREVENT THE TRAVEL OF DUST BETWEEN WORK AREAS AND ADJACENT SPACES UNIMPACTED BY WORK.</div> <div>15.A.3. THE CONTRACTOR IS ADDITIONALLY RESPONSIBLE FOR ALL DEBRIS AND DUST INFILTRATING ADJACENT AND UNOBTURISED AREAS OF AND OR PREVIOUSLY FINISHED AREAS OF THE BUILDING CONTRACTOR WILL PROVIDE FINAL CLEANING OF ALL SURFACES AS REQUIRED AND TO THE SATISFACTION OF THE OWNER AND CM ON A DAILY BASIS, FOR ALL AREAS IMPACTED BY CONSTRUCTION ACTIVITY.</div> <div>15.B. CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING DUST AND DIRT ON THE EXTERIOR. SITE SHALL BE WATERED DOWN FREQUENTLY TO PREVENT DUST CLOUDS FROM RISING. ALL PAVED AREAS SHALL BE MAINTAINED CLEAN AT THE CONSTRUCTION MANAGERS REQUEST.</div> <div>15.C. CONTRACTOR IS TO USE ONLY GRINDERS WITH VACUUM ATTACHMENTS AT THE WORK SITE AND IS TO CHANGE FILTERS REGULARLY. ALL HVAC EQUIPMENT, LOUVERS, FRESH AIR FANS ETC., ADJACENT TO THE WORK SITE ARE TO BE TURNED OFF AND THEN PROTECTED AND TURNED ON AFTER WORK HAS BEEN COMPLETED. AIR INTAKES ARE TO BE PROTECTED WITH REGULARLY MAINTAINED 3M HEPA FILTERS. WINDOWS, DOORS, AND DOORWAYS ADJACENT TO THE WORK SITE MUST HAVE PLASTIC PROTECTION INSTALLED AND REMOVED AND THE WINDOWS AND DOORS AND ADJACENT AREAS ARE TO BE CLEANED ON A DAILY BASIS.</div> <div>15.D. ALL SMOKE HEADS AND ANY OTHER PIECES OF EQUIPMENT AND APPARATUS THAT ARE TO REMAIN ARE TO BE COVERED &amp; PROTECTED. IF THEY ARE ACTIVE PIECES OF EQUIPMENT THEN THEY NEED TO BE UNCOVERED AT THE CONCLUSION OF THE DAY'S WORK, RE-COVER THEM AT THE START OF THE WORK DAY.</div> <div>16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING OWNERS PROPERTY. ALL EXISTING SHRUBS, TREES, LAWN FIXTURES, SCULPTURES AND MISCELLANEOUS EQUIPMENT SHALL BE PROTECTED AT ALL TIMES. ANY REMOVALS OR RELOCATION OF SAID OBJECTS, IF ALLOWED SHALL BE AS DIRECTED BY OWNER AND CONSTRUCTION MANAGER. CONTRACTOR WILL ALSO REPAIR TO SATISFACTION OF OWNER ALL DISTURBED EXTERIOR SITE AREAS DISTURBED BY CONSTRUCTION INCLUDING BUT NOT LIMITED TO: LAWNS, PLANTINGS, TREES, DRAINAGE PIPING, BASINS, MANHOLES, CURBS, SIDEWALKS, PAVEMENTS, ETC.. CONTRACTOR WILL ALSO REPAIR TO THE SATISFACTION OF OWNER ALL BUILDING EXTERIORS AND ROOF AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, PRIOR TO SUBSTANTIAL COMPLETION.</div> <div>17. PAINTING OR OTHER CHEMICAL APPLICATIONS SHALL BE DONE IN THE EXISTING BUILDING ONLY WHEN UNOCCUPIED. STORAGE OF CHEMICALS AND PAINTING SHALL BE OUTSIDE THE EXISTING OR NEW STRUCTURES AND SHALL FOLLOW MANUFACTURER'S STORAGE GUIDELINES.</div> <div>18. OXYGEN OR OTHER GAS CONTAINERS SHALL BE PROPERLY STORED AND SECURED PER OSHA REGULATIONS, TO THE SATISFACTION OF THE CONSTRUCTION MANAGER. AND OWNERS FAILURE TO DO SO WILL RESULT IN A \$250 BACK CHARGE. PER OCCURRENCE. THE CONTRACTOR AND TRADE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL OSHA REGULATIONS. GENERAL CONSTRUCTION CONTRACT SHALL SCHEDULE REGULARLY PROJECT SITES WITH OSHA.</div> <div>19. THE CONTRACTOR WILL PROVIDE AND MAINTAIN DUMPSTERS AS REQUIRED FOR THE DURATION OF THE PROJECT. THE CONTRACTOR WILL PROVIDE DUMPSTERS FOR ALL OTHER PRIMES AND TRADES TO USE AND PLACE CONSTRUCTION DEBRIS AND RUBBISH WITHIN, FOR DISPOSAL FROM THE SITE FOR THE DURATION OF THE PROJECT.</div> <div>20. THE CONTRACTOR WILL REPLACE AND MAINTAIN ALL DUMPSTERS AS REQUIRED FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING THEIR OWN MATERIALS, DEBRIS AND RUBBISH IN DUMPSTERS PROVIDED BY THE CONTRACTOR ON A DAILY BASIS. FAILURE TO MAINTAIN A CLEAN WORK AREA AND SITE DAILY, WILL RESULT IN OTHERS PERFORMING THE WORK AND THE CONTRACTOR(S) RESPONSIBLE WILL BE BACK CHARGED FOR ALL ASSOCIATED COSTS INCURRED TO RESTORE A CLEAN WORK AREA AND SITE. THIS MAY BE DONE WITHOUT THE TYPICAL 3-DAY NOTICE TO CONTRACTORS.</div> <div>21. THE CONTRACTOR MUST SEND A QUALIFIED REPRESENTATIVE, KNOWLEDGEABLE IN THE PROJECT AND AUTHORIZED TO MAKE DECISIONS ON BEHALF OF THE COMPANY, TO EVERY PROJECT MEETING.</div> <div>22. THE CONTRACTOR SHALL COOPERATE WITH THE SCHOOL PRINCIPAL AND CUSTODIAL STAFF IN COORDINATING WORK ACTIVITIES WITHIN THE SCHOOL. HOWEVER, IF ANY ADDITIONAL WORK IS REQUESTED THE CONTRACTOR SHALL NOT PROCEED UNLESS APPROVAL IS RECEIVED FROM THE CONSTRUCTION MANAGER. THE CONTRACTOR WILL NOT BE COMPENSATED FOR ANY ADDITIONAL WORK THAT IS PERFORMED WITHOUT THE CONSTRUCTION MANAGERS APPROVAL.</div> <div>23. ANY DELIVERIES SENT TO THE SCHOOL WILL NOT BE SIGNED FOR OR UNLOADED BY THE OWNER OR CONSTRUCTION MANAGER. THEY WILL BE DIRECTED TO THE CONSTRUCTION SITE AND IF NO EMPLOYEE IS ON SITE, THE DELIVERY WILL BE REJECTED, AT THE CONTRACTORS SOLE EXPENSE.</div> <div>24. ALL HOT TAR ROOFING SHALL BE INSTALLED AFTER SCHOOL HOURS OR ON WEEKENDS/HOLIDAYS ONLY. KETTLES SHALL NOT BE LIT UNTIL ALL STUDENTS HAVE LEFT THE BUILDING.</div> <div>25. THE CONTRACTOR SHALL SUBMIT A TWO WEEK LOOK AHEAD WORK SCHEDULE AT ALL PROJECT MEETINGS, INDICATING WORK DAYS, WORK HOURS AND MAINTAIN WORK ALLOCATION FOR ALL AREAS OF THE CONTRACT WORK. THE CONTRACTOR WILL COORDINATE WITH ALL OTHER TRADES TO PERFORM THE WORK. CONSTRUCTION MANAGER AND OWNER TO APPROVE ACCESS TO THOSE AREAS SCHEDULED FOR WORK.</div> <div>26. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN THE 8'-0" HIGH TEMP. CONSTRUCTION CHAIN LINK FENCE WITH TOP &amp; BOTTOM RAILS, IN GOOD CONDITION AT ALL TIMES, FOR THE DURATION OF PROJECT. THIS INCLUDES ALL GATES AND LOCKS/CHAINS FOR SECURING SITE. AFTER WORK HOURS, THE CONTRACTOR SHALL PROVIDE CONSTRUCTION MANAGER 3 COPIES OF ALL KEYS. THE CONTRACTOR WILL MAINTAIN THE CONSTRUCTION PERIMETER FENCE FOR THE DURATION OF THE PROJECT. AT THE COMPLETION OF PROJECT OR AT THE DIRECTION OF THE OWNER, THE CONTRACTOR WILL REMOVE THE FENCE FROM THE SITE.</div> <div>27. NO STORAGE OF MATERIALS WILL BE PERMITTED WITHIN THE BUILDINGS AT ANY TIME DURING CONSTRUCTION. THE CONTRACTOR MUST PROVIDE EXTERIOR STORAGE CONTAINERS AS REQUIRED FOR MATERIAL &amp; EQUIPMENT STORAGE. IF REQUIRED CONTRACTOR TO HEAT CONTAINERS AS REQUIRED DURING WINTER MONTHS TO MAKE SURE MATERIAL TEMPERATURES ARE PROPERLY MAINTAINED. FINAL LOCATION OF STORAGE CONTAINER SHALL BE BY OWNER AND CONSTRUCTION MANAGER.</div> <div>28. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL REQUIRED SITE SAFETY SIGNAGE, IN ADDITION TO THOSE SHOWN ON CIP DWGS FOR DURATION OF PROJECT.</div> <div>29. THE CONTRACTOR SHALL PROVIDE, INSTALL &amp; MAINTAIN ALL "BLACK" GEOTEXTILE FABRIC, 8'-0" HEIGHT (SILT FENCE) TO EXISTING &amp; TEMPORARY CHAIN LINK FENCE. FABRIC TO BE TIE-WRAPPED TO FENCE SUFFICIENT TO SUPPORT FABRIC THROUGHOUT PROJECT. THE CONTRACTOR WILL SUPPLY, INSTALL, AND MAINTAIN ALL ADDITIONAL SILT FENCING, GEOTEXT AND TEMP. CONSTRUCTION FENCE AS REQUIRED BY THE OWNER FOR THE DURATION OF THE PROJECT. THE CONTRACTOR WILL REMOVE ALL TEMP. FENCING AT THE PROJECT COMPLETION.</div> <div>30. CONTRACTOR TO PROVIDE AND SERVICE PORTABLE TOILETS FOR THE DURATION OF CONSTRUCTION. TOILETS TO BE SERVICED BY CONTRACTOR ON A REGULAR BASIS TO MAINTAIN SANITARY CONDITIONS.</div> <div>31. CONTRACTOR SHALL PROTECT ALL EXISTING ROOFS DURING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ROOFS DURING CONSTRUCTION. THE CONTRACTOR SHALL MAKE ALL REPAIRS TO ANY DAMAGED AREAS, AS REQUIRED BY THE MANUFACTURER OF THE ROOF SYSTEM.</div> <div>32. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING WEATHER TIGHT SEAL PROTECTION OVER ALL ROUGH OPENINGS, INCLUDING WINDOWS AND ROOF OPENINGS. CONTRACTOR TO PROVIDE FOR DURATION OF PROJECT.</div> <div>33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING PRE-CONSTRUCTION WALK-THRU'S AND VIDEO TAPING EXISTING CONDITIONS. MANDATORY WALK-THRU SHALL BE PRE-SCHEDULED THROUGH THE CONSTRUCTION MANAGER AND SHALL HAVE OWNER, CONSTRUCTION MANAGER, CONTRACTOR PRESENT. FAILURE TO DO SO WILL RESULT IN OWNER ARRANGING FOR THESE SERVICES AND BACKCHARGING CONTRACTOR FOR ALL RELATED COSTS.</div> <div>34. MANUFACTURERS MATERIAL SAFETY DATA SHEETS (MSDS) SHALL BE AVAILABLE AT THE SITE FOR ALL PRODUCTS USED IN THE PROJECT TO BE PROVIDED BY THE CONTRACTOR.</div> <div>35. EGRESS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.</div> <div>36. CONTRACTOR SHALL PREPARE CIP DRAWINGS WHICH WILL INDICATE ALL 1-HOUR FIRE RATED TEMPORARY WALLS INCLUDING DUST PARTITIONS, AND TEMPORARY CONSTRUCTION FENCES THAT SEPARATE OCCUPIED AREAS FROM AREAS WHERE WORK IS TO BE PERFORMED. THE CIP DRAWINGS SHALL ALSO INDICATE ALL STAGING AREAS INCLUDING LOCATION OF TRAILERS, STORAGE CONTAINERS AND SERVICEABLE TOILETS. FINAL LOCATIONS OF TEMPORARY WALLS, DUST PARTITIONS, TEMPORARY FENCES, STORAGE CONTAINERS AND SERVICEABLE TOILETS SHALL BE REVIEWED WITH THE OWNER AND CONSTRUCTION MANAGER PRIOR TO INSTALLATION.</div> <div>37. TEMPORARY OWNER'S TRAILER TO BE PROVIDED UNDER THE CONTRACT FOR GENERAL CONSTRUCTION. POWER FOR TRAILER TO BE PROVIDED BY ELECTRICAL CONTRACTOR.</div> <div>38. BECAUSE OF THE CLOSE PROXIMITY OF THE CONSTRUCTION AREA TO THE EXISTING SCHOOL, ALL EQUIPMENT THAT PRODUCE ENGINE EXHAUST (I.E. VIA COMBUSTION ENGINES, ETC.) SHALL BE PERMANENTLY OUTFITTED WITH GAS OR DIESEL EXHAUST SCRIBBERS FOR THE DURATION OF THE WORK. IF AT ANY TIME THERE IS EQUIPMENT OPERATING WITHOUT THESE DEVICES IN PROPER FUNCTIONAL ORDER THE CONTRACTOR WILL BE FINED \$500 PER INSTANCE. FOR DELIVERIES, ENGINES CAN RUN/OPERATE FOR 5 MINUTES (SAME GUIDELINES AS BUSES) THAN NEED TO BE TURNED OFF. FOR EQUIPMENT SUCH AS CONCRETE PUMPS THAT COME TO THE SITE INTERMITTENTLY, THEY SHALL BE REQUIRED TO BE KEPT AS FAR AWAY FROM THE BUILDING AS POSSIBLE. IF THIS EFFORT IS NOT UNDERTAKEN EACH AND EVERY TIME UNDER ANY CIRCUMSTANCE, THEY SHALL BE DIRECTED TO LEAVE THE SITE IMMEDIATELY.</div> <div>39. BECAUSE OF THE CLOSE PROXIMITY OF THE CONSTRUCTION AREA TO THE EXISTING SCHOOL, ALL EQUIPMENT SHALL HAVE MUFFLERS AND/OR NOISE INHIBITING PARAPHERNALIA EMPLOYED SO AS TO MINIMIZE OR CANCEL OUT NOISE. NOTE THAT THE MAXIMUM ALLOWABLE NOISE LEVEL ALLOWED BY THE SED IS 60DB.</div>		<div>WINTER CONDITION NOTES:</div> <div>1. ALL CONTRACTORS ARE TO TAKE NECESSARY MEASURES FOR SAFETY PRECAUTIONS.</div> <div>2. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SNOW REMOVAL AND APPLICATION OF ROAD SALT AS REQUIRED.</div> <div>3. GENERAL CONTRACTOR TO PROVIDE WEEKLY WEATHER FORECASTS WITH THEIR TWO WEEK LOOK-AHEADS DURING COLD WEATHER MONTHS.</div> <div>4. PROTECTION AND HEATING OF CONCRETE WORK, SEE TEMPORARY FACILITIES SPECS.</div> <div>5. WRAPPING OF BUILDING FOR PROTECTION FROM AND HEATING AGAINST COLD WEATHER, SEE TEMPORARY FACILITIES SPECS.</div> <div></div> <div>INSTALLATION NOTES:</div> <div>1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.</div> <div>2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.</div> <div>3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.</div> <div>SOIL STOCKPILING NOT TO SCALE</div> <div></div> <div>CROSS SECTION</div> <div>CONSTRUCTION NOTES FOR FABRICATED SILT FENCE</div> <div>1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.</div> <div>2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\" data-bbox="363 539 526 611"/&gt;</div> <div>SILT FENCE DETAIL NOT TO SCALE</div> <div>REPRODUCED FROM NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL</div> <div></div> <div>REFER TO CIVIL DRAWINGS FOR TREE PROTECTION</div>		<div>1. THIS DRAWING IS PROVIDED TO DEPICT THE IMPLEMENTATION SCHEDULE OF WORK IN ORDER TO MINIMIZE THE EFFECT OF CONSTRUCTION ON THE EDUCATIONAL PROGRAM AND PRIMARY USES OF THE FACILITY.</div> <div>2. THIS DRAWING IS GENERAL IN NATURE AND DO NOT REFLECT THE ACTUAL EXISTING CONDITIONS. LATEST PROPOSED FLOOR PLAN, PROPOSED WORK AND WORK AREAS. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL AND CIVIL DRAWINGS FOR SPECIFIC SCOPED WORK AND WORK AREAS.</div> <div>3. THIS DRAWING IS FOR REFERENCE ONLY AND SHALL NOT TO BE USED FOR CONSTRUCTION.</div> <div>4. ALL REGULATORY AGENCY REQUIREMENTS INCLUDING STATE AND LOCAL CODES AND PROPER SAFETY PRECAUTIONS SHALL APPLY AND TAKE PRECEDENCE OVER THE WORK PLANS.</div>	Revision Schedule			No.	Description	Date	1	SED SUBMISSION	09/15/2020	2	ISSUED FOR BID	8/10/2021	<div>SECTION 01 11 00 MILESTONE SCHEDULE</div> <div>PART 1 – GENERAL</div> <div>1.01 MASTER SCHEDULE</div> <div>The following milestone schedule serves as a basis for bidding. A Master Schedule will be developed at a general meeting of the awarded contractor within 10 days of Award the Contracts. This Master Schedule will incorporate the milestones listed below.</div> <div>1.02 SUBSTANTIAL COMPLETION &amp; MILESTONE DATES</div> <div>A. Award Contracts within 30 days of Contract Opening</div> <div>B. Start Construction – Date of Award of Contracts</div> <div>C. Milestone Dates</div> <div><table><tr><td>Midland Elementary School</td><td></td></tr><tr><td>ADDITION-Commence Construction</td><td>October 18, 2021</td></tr><tr><td>Substantial Completion</td><td>December 2, 2022</td></tr><tr><td>RENOVATION-Commence</td><td>June 26, 2023</td></tr><tr><td>Substantial Completion</td><td>August 18, 2023</td></tr><tr><td>Completion of Punchlist &amp; Project Closeout</td><td>September 22, 2023</td></tr><tr><td>Midland ES Sitework and Modular Bldg's Commence Sitework</td><td></td></tr><tr><td>Modular Relocation Completion</td><td>June 26, 2023</td></tr><tr><td></td><td>August 18, 2023</td></tr></table></div> <div>Asbestos Abatement at all schools and building is critical to the construction schedule and shall be scheduled so that the abatement is complete within the first two weeks of renovation construction. The Rye City School District will make arrangements to have the building available for second shift and 24 hour work if necessary to complete the asbestos abatement work in the first two weeks.</div> <div>D. Final Close-out of all Contract</div> <div>a. Final Close-out of Contract</div>	Midland Elementary School		ADDITION-Commence Construction	October 18, 2021	Substantial Completion	December 2, 2022	RENOVATION-Commence	June 26, 2023	Substantial Completion	August 18, 2023	Completion of Punchlist & Project Closeout	September 22, 2023	Midland ES Sitework and Modular Bldg's Commence Sitework		Modular Relocation Completion	June 26, 2023		August 18, 2023	<div>LEGEND OF SYMBOLS</div> <table><tr><th>SYMBOL</th><th>DESCRIPTION</th></tr><tr><td></td><td>TEMPORARY STONE TRACKING PAD</td></tr><tr><td></td><td>PROPOSED STAGING AREAS AS INDICATED ON PLANS.</td></tr><tr><td></td><td>PHASE 1 WORK AREA (PRIMARYLY CONSTRUCTION OF THE ADDITION)</td></tr><tr><td></td><td>PHASE 2 WORK AREA</td></tr><tr><td></td><td>CONSTRUCTION ENTRANCE GATE</td></tr><tr><td></td><td>8' HIGH TEMPORARY FENCE W/BOTTOM &amp; TOP RAILS W/30\" SILT FENCE &amp; 8\" HIGH SCREEN</td></tr><tr><td></td><td>INSTALL PLYWOOD BARRIER ON EXTERIOR WALL WITH 3/4\" CDX PLYWOOD ON 3 5/8\" METAL STUDS @ 16\" O.C. WITH TWO LAYERS OF 5/8\" TYPE \"X\" GYPSUM BOARD, TAPE &amp; COMPOUND WITH CAULKING AT THE PERIMETER, GYP. BOARD TO BE PAINTED.</td></tr><tr><td></td><td>TEMPORARY DUST PROTECTION, PLASTIC CORRIDOR BARRIER WITH ZIPPER OPENING. GC WILL ALSO INSTALL PLASTIC BARRIERS AT DOORWAYS TO OFFICES AND CLASSROOMS WHERE NO WORK IS TAKING PLACE, AS DIRECTED BY CM.</td></tr></table>	SYMBOL	DESCRIPTION		TEMPORARY STONE TRACKING PAD		PROPOSED STAGING AREAS AS INDICATED ON PLANS.		PHASE 1 WORK AREA (PRIMARYLY CONSTRUCTION OF THE ADDITION)		PHASE 2 WORK AREA		CONSTRUCTION ENTRANCE GATE		8' HIGH TEMPORARY FENCE W/BOTTOM & TOP RAILS W/30\" SILT FENCE & 8\" HIGH SCREEN		INSTALL PLYWOOD BARRIER ON EXTERIOR WALL WITH 3/4\" CDX PLYWOOD ON 3 5/8\" METAL STUDS @ 16\" O.C. WITH TWO LAYERS OF 5/8\" TYPE \"X\" GYPSUM BOARD, TAPE & COMPOUND WITH CAULKING AT THE PERIMETER, GYP. BOARD TO BE PAINTED.		TEMPORARY DUST PROTECTION, PLASTIC CORRIDOR BARRIER WITH ZIPPER OPENING. 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SEAL & SIGNATURE		DATE:	08/10/2021																																																				
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CONSTRUCTION IMPLEMENTATION PLAN - SITE BASE PLAN

SCALE: N.T.S.



CONSTRUCTION IMPLEMENTATION PLAN - PART PLAN - TREE REMOVAL

REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION

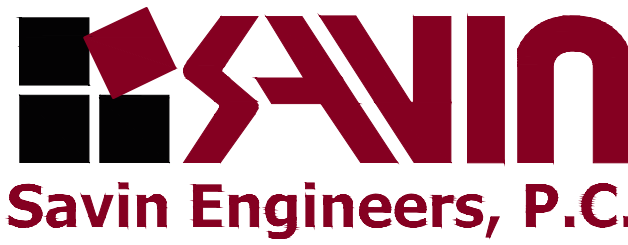
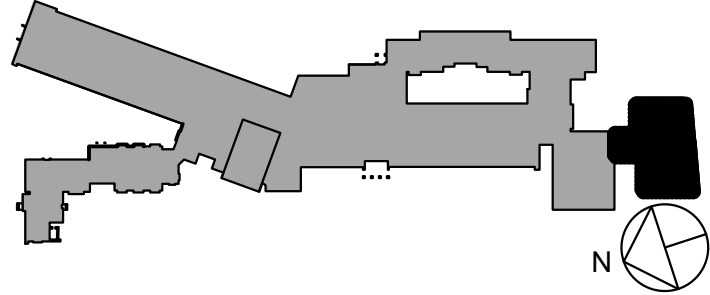
SCALE: N.T.S.

- SECTION 01 50 00  
TEMPORARY FACILITIES AND CONTROLS
- TEMPORARY FENCING AS NOTED IN  
2.1 MATERIALS
- A. CHAIN-LINK FENCING: MINIMUM 2-INCH (50-MM), 0.148-INCH- (3.75-MM-) THICK, GALVANIZED STEEL CHAIN-LINK FABRIC FENCING; MINIMUM 8 FEET (2.4 M) HIGH WITH GALVANIZED STEEL PIPE POSTS; MINIMUM 2-3/8-INCH- (60-MM-) OD LINE POSTS AND 2-7/8-INCH- (73-MM-) OD CORNER AND PULL POSTS, WITH 1-5/8-INCH- (42-MM-) OD TOP RAILS. PROVIDE DUST SCREEN ALONG ALL FENCING.
- B. PORTABLE CHAIN-LINK FENCING: MINIMUM 2-INCH (50-MM), 9-GAUGE, GALVANIZED STEEL CHAIN-LINK FABRIC FENCING; MINIMUM 8 FEET (2.4 M) HIGH WITH GALVANIZED STEEL PIPE POSTS; MINIMUM 2-3/8-INCH- (60-MM-) OD LINE POSTS AND 2-7/8-INCH- (73-MM-) OD CORNER AND PULL POSTS, WITH 1-5/8-INCH- (42-MM-) OD TOP AND BOTTOM RAILS. PROVIDE GALVANIZED STEEL BASES FOR SUPPORTING POSTS. PROVIDE DUST SCREEN ALONG ALL FENCING.
- AND
- 3.3. B  
TEMPORARY PAVED AREAS: GENERAL CONSTRUCTION CONTRACTS FOR EACH SCHOOL SHALL CONSTRUCT AND MAINTAIN TEMPORARY PAVED AREAS ADEQUATE FOR CONSTRUCTION OPERATIONS. LOCATE TEMPORARY PAVED AREAS WITHIN CONSTRUCTION LIMITS INDICATED ON DRAWINGS.
- TEMPORARY UNPAVED AREAS: AS SHOWN ON THE CIP DRAWINGS: REMOVE GRASS FROM AREAS.
- a. PROVIDE FILTER FABRIC  
b. 6" OF 1/2" GRAVEL - ROLLED  
c. 4" OF ITEM-4 - ROLLED

LEGEND OF SYMBOLS	
SYMBOL	DESCRIPTION
	TEMPORARY STONE TRACKING PAD
	PROPOSED STAGING AREAS AS INDICATED ON PLANS.
	PHASE 1 WORK AREA (PRIMARYLY CONSTRUCTION OF THE ADDITION)
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	8' HIGH TEMPORARY FENCE W/BOTTOM & TOP RAILS W/20' Silt Fence & 9' HIGH SCREEN
	INSTALL PLYWOOD BARRIER ON EXTERIOR WALL WITH 3/4" CDX PLYWOOD ON 3 5/8" METAL STUDS @ 16" O.C. WITH TWO LAYERS OF 5/8" TYPE "C" OYSPUM BOARD, TAPE & COMPOUND WITH CAULKING AT THE PERIMETER, GYP. BOARD TO BE PAINTED.
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1	SED SUBMISSION	09/15/2020
2	ISSUED FOR BID	8/10/2021

KEY PLAN



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401-861-3218

SED#: 6618-0001-0003-026

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Suite B-101

Midland Elementary School

312 Midland Ave., Rye, NY 10580

Drawn By: AA Checked By: RF

Scale: Date: 08/10/2021

CONSTRUCTION IMPLEMENTATION  
PLAN - SITE BASE PLAN

SEAL & SIGNATURE DATE: 08/10/2021

PROJECT No: --

DRAWING BY:

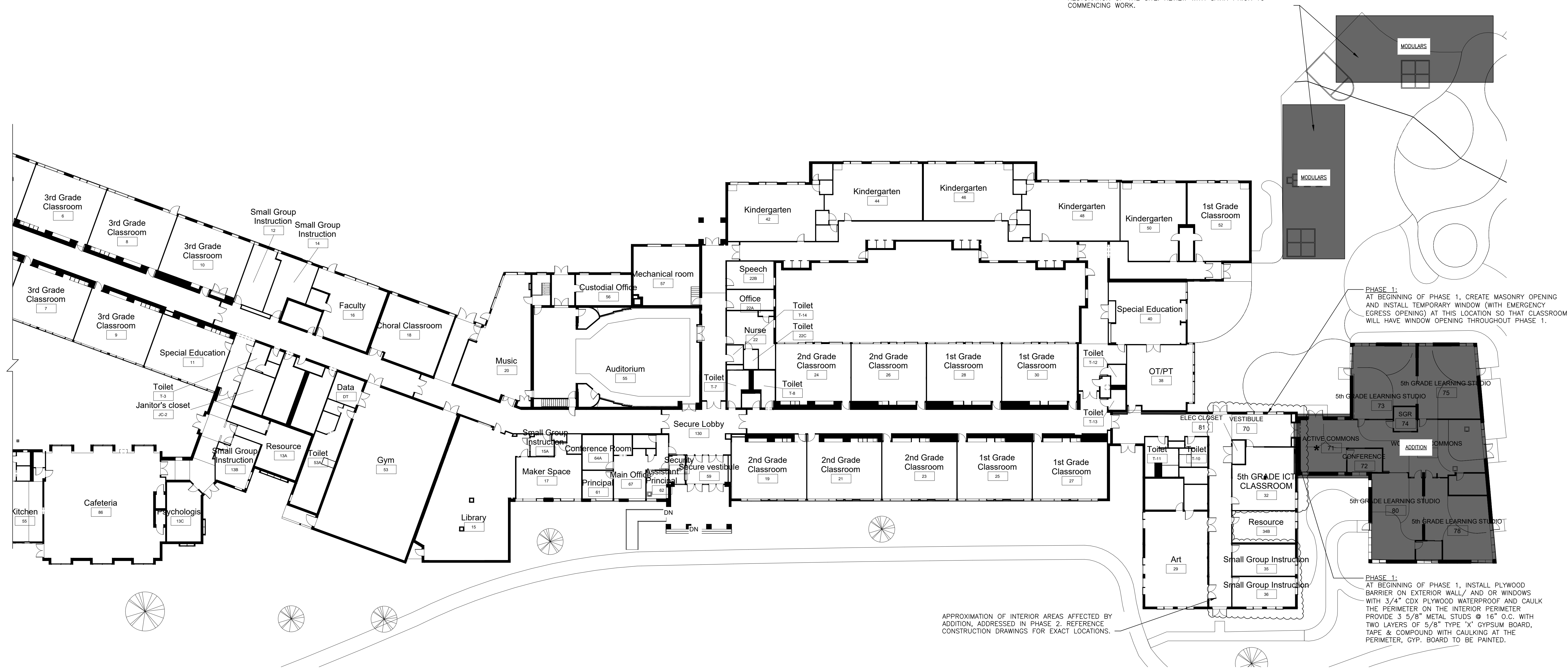
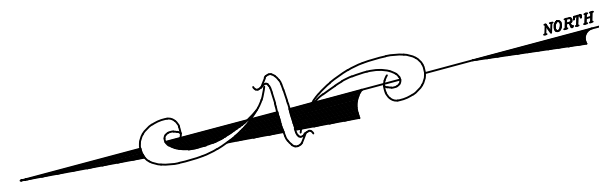
CHK BY:

DWG No:

CIP-02

08/10/2021\_CIP-02.dwg





PHASE 2 WORK AREA:  
INCLUDES INTERIOR CONNECTIONS TO ADDITION AND RENOVATION  
OF EXISTING INTERIOR AREAS, DEMOLITION OR REMOVAL OF  
EXISTING MODULARS, AND INCLUSIVE OF DECKING PLATFORMS  
AND ASSOCIATED ROOFS AND UTILITY AND SITE WORK, AND  
RESTORATION OF ALL DISTURBED AREAS. CONTRACTOR TO  
PROVIDE TEMPORARY FENCING AT THE PERIMETER OF THE PHASE  
2 WORK AREA DURING DEMOLITION OF THE MODULARS AND  
RESTORATION OF THE SITE. REVIEW WITH SAVIN PRIOR TO  
COMMENCING WORK.

PHASE 1:  
AT BEGINNING OF PHASE 1, CREATE MASONRY OPENING  
AND INSTALL TEMPORARY WINDOW (WITH EMERGENCY  
EGRESS OPENING) AT THIS LOCATION SO THAT CLASSROOM  
WILL HAVE WINDOW OPENING THROUGHOUT PHASE 1.

PHASE 1:  
AT BEGINNING OF PHASE 1, INSTALL PLYWOOD  
BARRIER ON EXTERIOR WALL/ AND OR WINDOWS  
WITH 3/4" CDX PLYWOOD WATERPROOF AND CAULK  
THE PERIMETER ON THE INTERIOR PERIMETER  
PROVIDE 3 5/8" METAL STUDS @ 16" O.C. WITH  
TWO LAYERS OF 5/8" TYPE "X" GYPSUM BOARD,  
TAPE & COMPOUND WITH CAULKING AT THE  
PERIMETER, GYP. BOARD TO BE PAINTED.

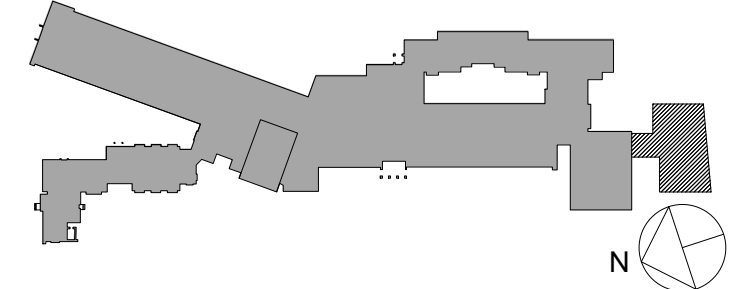
CONSTRUCTION IMPLEMENTATION PLAN - FIRST FLOOR WITH ADDITION

SCALE: N.T.S.

LEGEND OF SYMBOLS	
SYMBOL	DESCRIPTION
	TEMPORARY STONE TRACKING PAD
	PROPOSED STAGING AREAS AS INDICATED ON PLANS
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1	SED SUBMISSION	09/15/2020
2	ISSUED FOR BID	8/10/2021

KEY PLAN



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Acoustic Consultant  
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401-861-3218

SED#: 6618-0001-0003-026

PROJECT

**Rye City Schools**

555 Theodore Fremd Ave, Suite B-101

**Midland Elementary School**

312 Midland Ave, Rye, NY 10580

Drawn By: AA Checked By: RF

Scale: Date: MMDD/YYYY

CONSTRUCTION IMPLEMENTATION  
PLAN - FIRST FLOOR &  
ROOF PLANS

SEAL & SIGNATURE

DATE: 08/10/2021

PROJECT No: --

DRAWING BY:

CHK BY:

DWG No: CIP-03

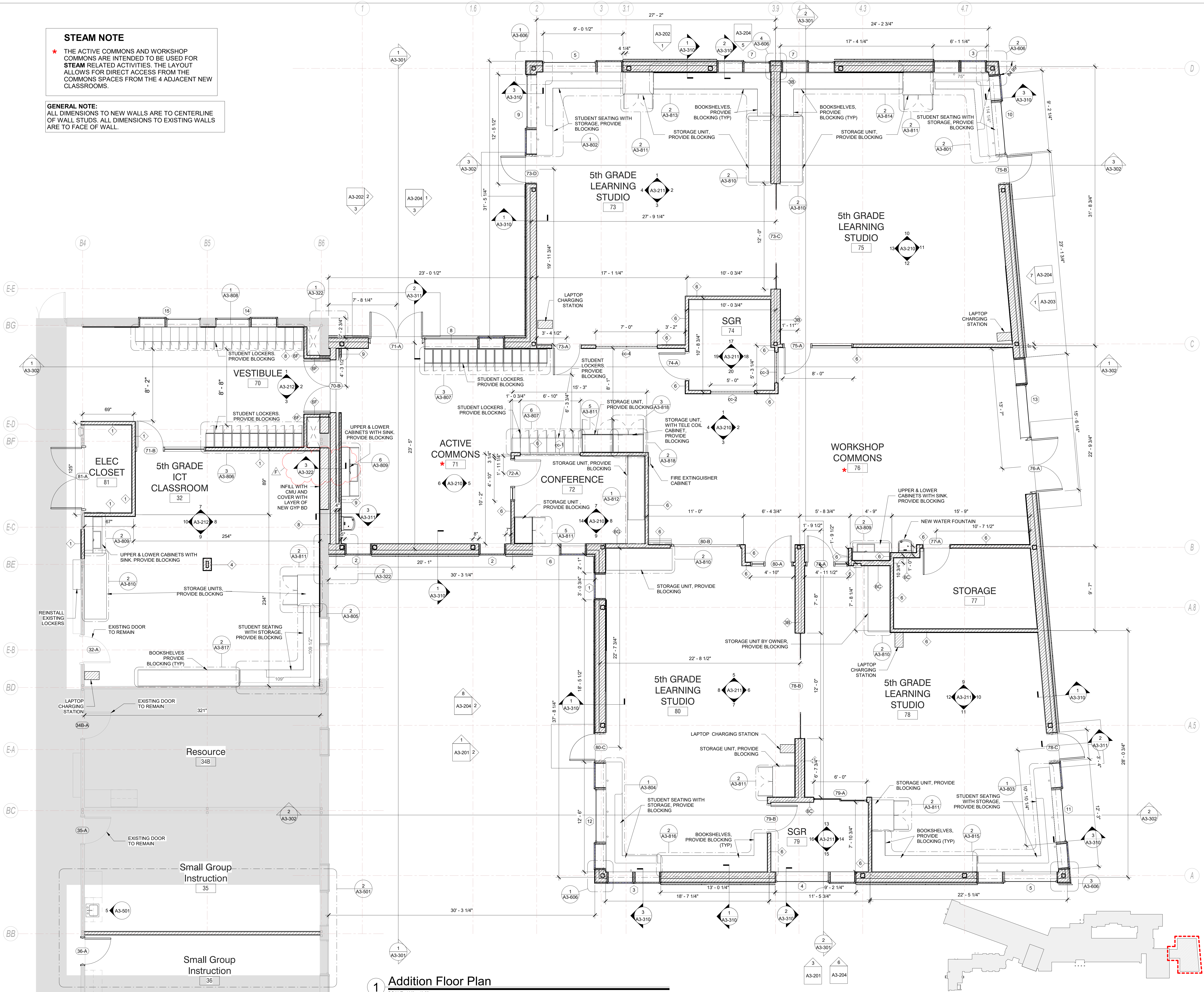
MIDLAND\_CIP-03.dwg



**STEAM NOTE**

\* THE ACTIVE COMMONS AND WORKSHOP COMMONS ARE INTENDED TO BE USED FOR STEAM RELATED ACTIVITIES. THE LAYOUT ALLOWS FOR DIRECT ACCESS FROM THE COMMONS SPACES FROM THE 4 ADJACENT NEW CLASSROOMS.

**GENERAL NOTE:**  
ALL DIMENSIONS TO NEW WALLS ARE TO CENTERLINE OF WALL STUDS. ALL DIMENSIONS TO EXISTING WALLS ARE TO FACE OF WALL.



**1 Addition Floor Plan**  
SCALE: 1/4" = 1'-0"

**MIDLAND KEY PLAN**  
1" = 100'

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	ADDITIONS: SED Addendum #1	4/26/2021
C	ADDITIONS: SED ADDENDUM #2	5/28/21
D	ADDITIONS: SED ADDENDUM #4	6/28/2021
E	ADDITIONS: ISSUED FOR BID	08/10/2021
F	Addendum 1	8/16/2021

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914-948-3450

**Acoustic Consultant**  
DP DESIGN  
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Providence, RI  
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**AV Consultant**  
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Sudbury, MA 01776-3027  
978-443-7871

SED#: 6618-0001-0003-026

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

312 Midland Ave, Rye NY 10580

ADDITION FLOOR PLAN

Approver

SEAL & SIGNATURE DATE: 12/12/19  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A3-120



GENERAL NOTE:  
SEE DWG NO. A3-603  
FOR WINDOW TYPES  
AND DETAILING

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
E	ADDITIONS: ISSUED FOR BID	08/10/2021
F	Addendum 1	8/16/2021

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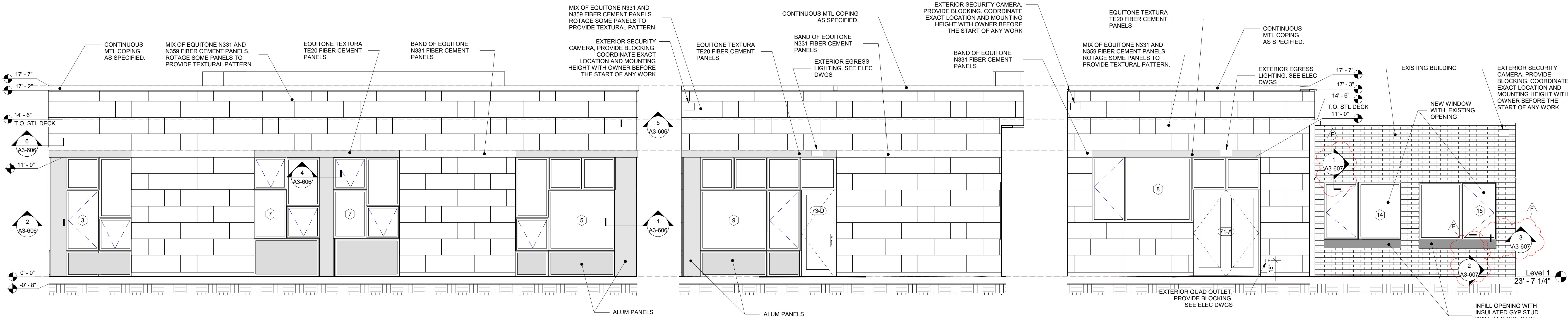
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PROJECT  
**Rye City Schools**  
555 Theodore Fremd Ave, Rye, NY 10580  
**Midland Elementary School**  
312 Midland Ave, Rye NY 10580

EXTERIOR ELEVATIONS -  
ADDITION

Approver

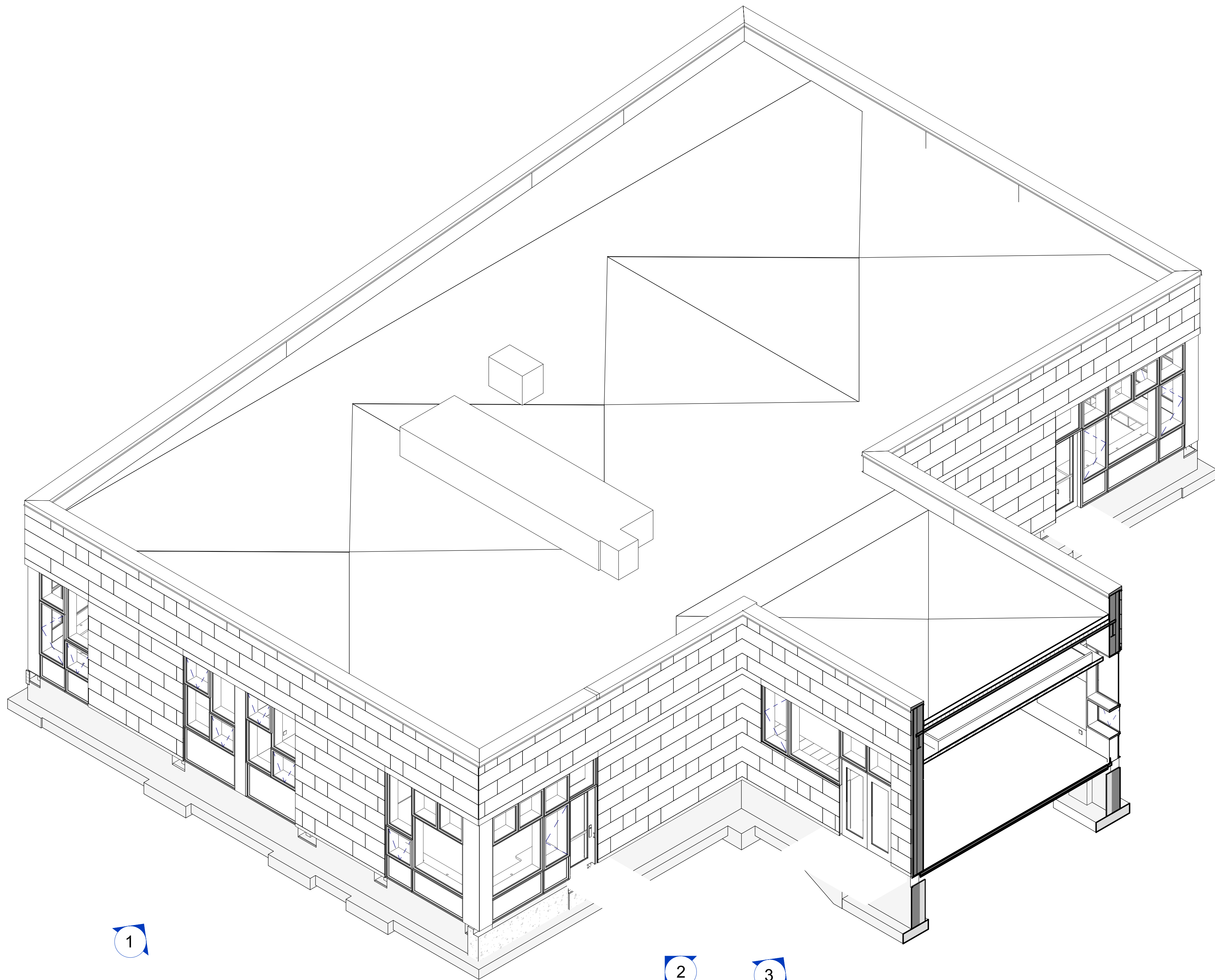
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PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A3-202



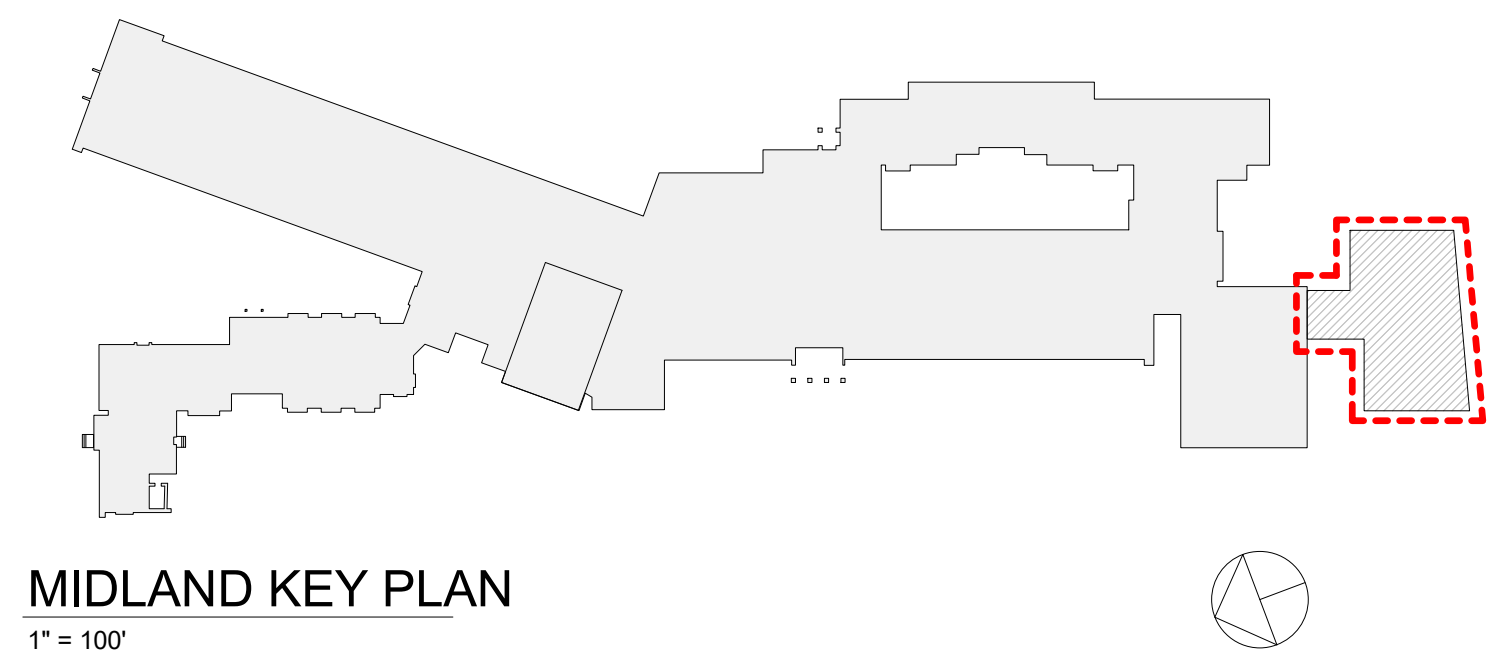
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SCALE: 1/4" = 1'-0"

2 ADDITION ELEVATION A1  
SCALE: 1/4" = 1'-0"

3 ADDITION ELEVATION B1  
SCALE: 1/4" = 1'-0"



4 Addition 3D View - Elevation Legend NE  
SCALE:

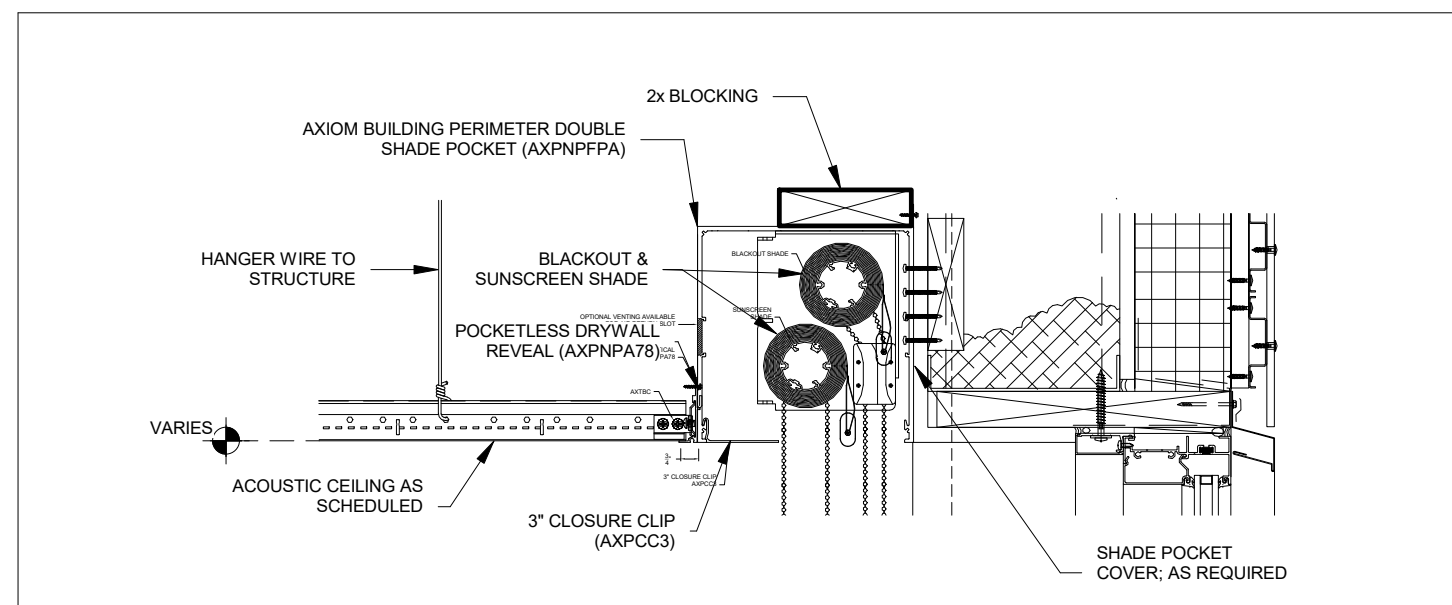


MIDLAND KEY PLAN  
1" = 100'

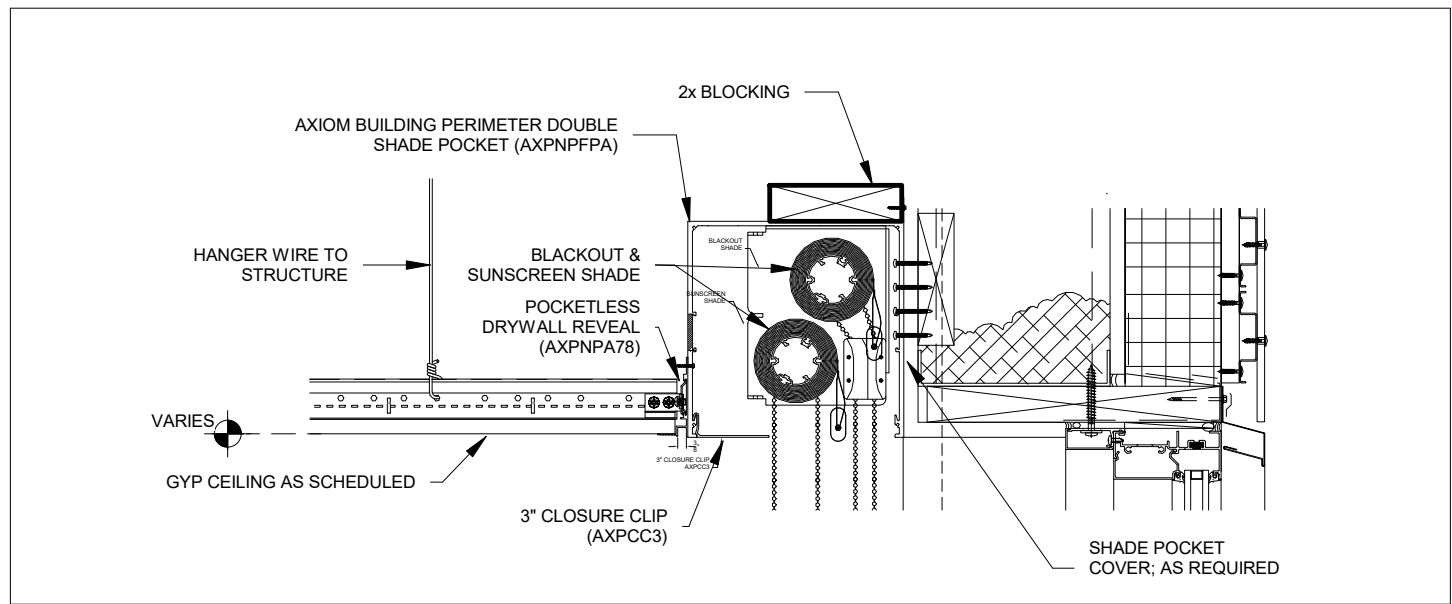




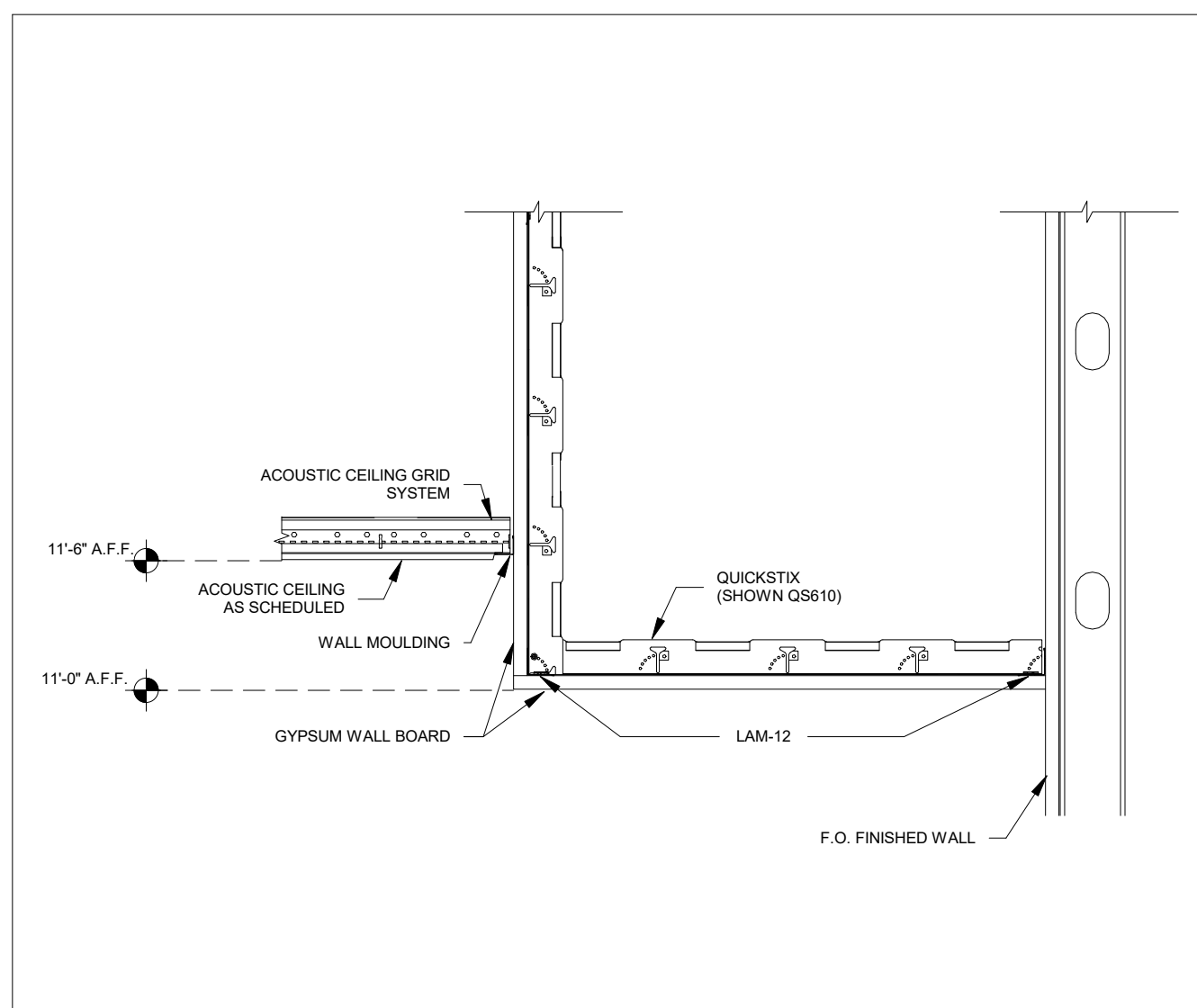




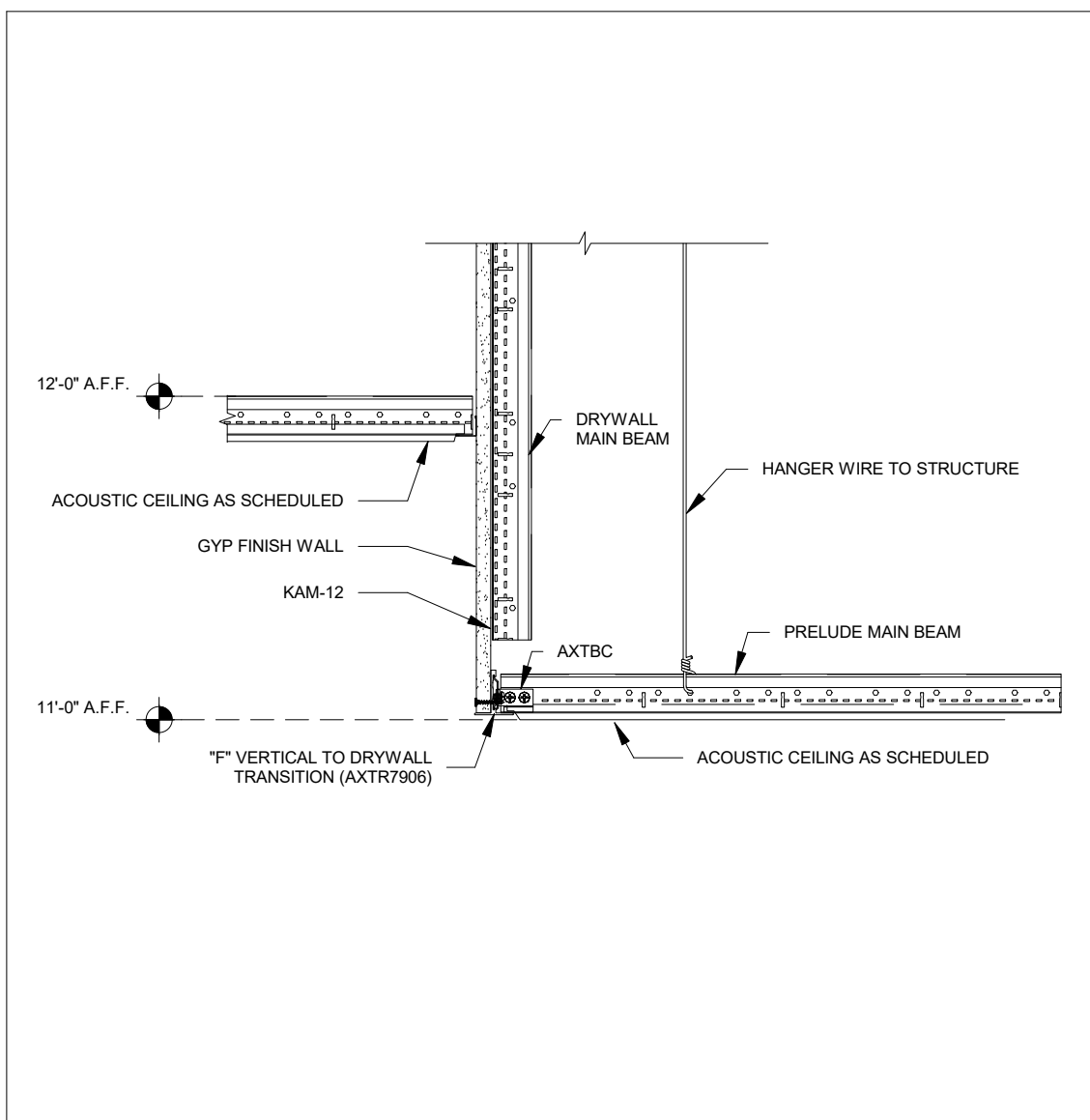
2 Typical Double Roller Shade Detail 01 - ACT  
SCALE: 1 1/2" = 1'-0"



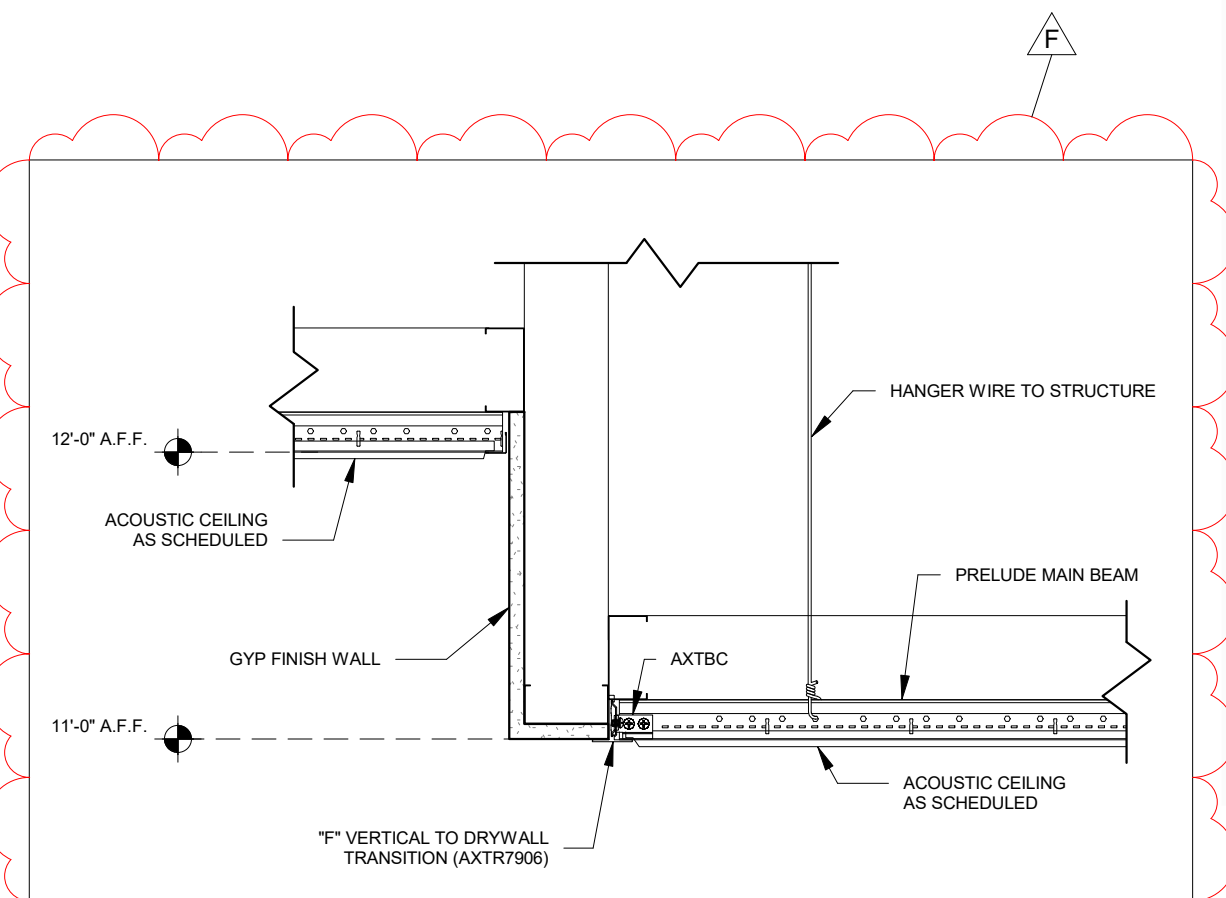
7 Typical Double Roller Shade Detail 02 - Gyp  
SCALE: 1 1/2" = 1'-0"



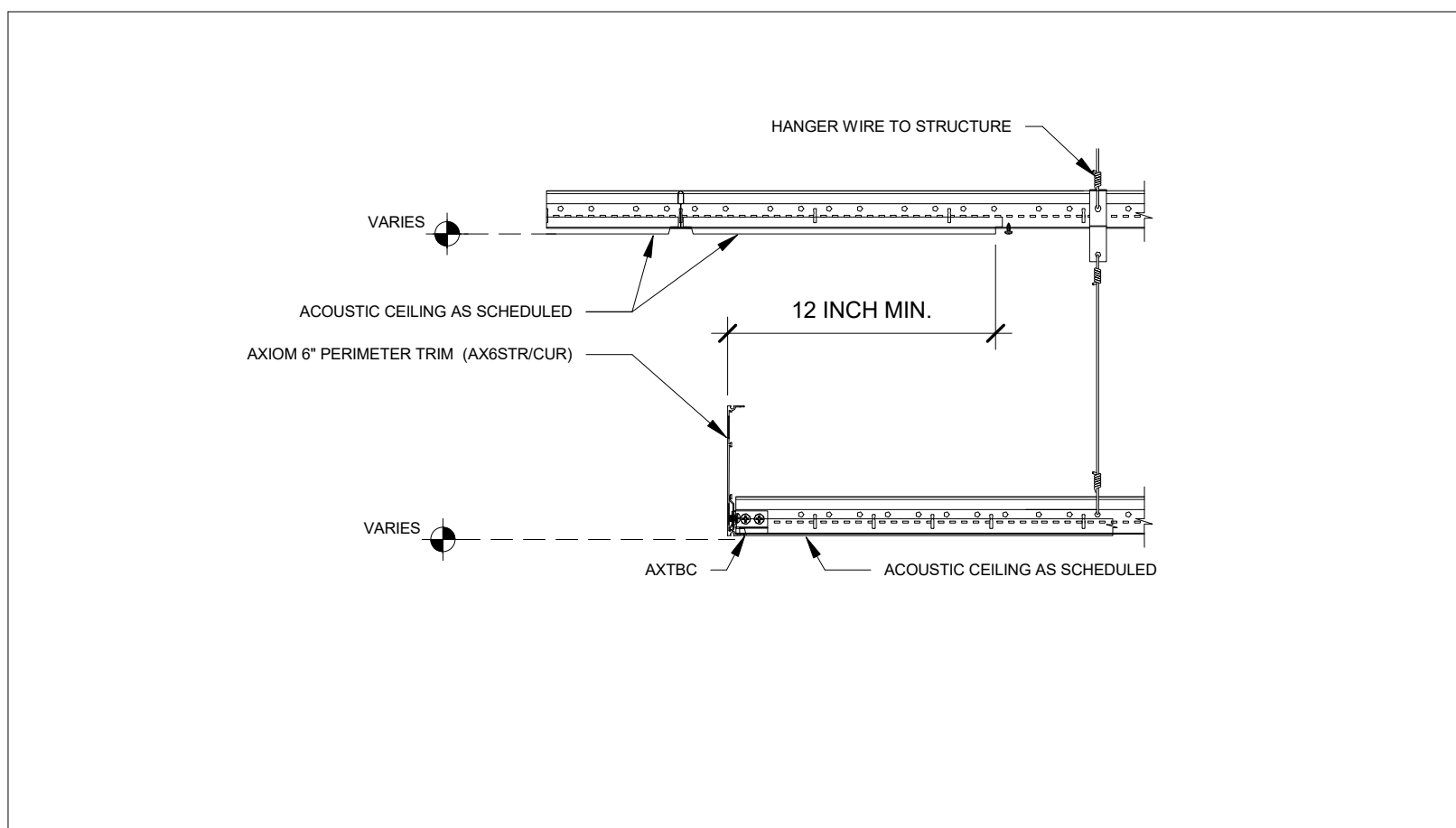
3 Typical Soffit Detail - GYP  
SCALE: 1 1/2" = 1'-0"



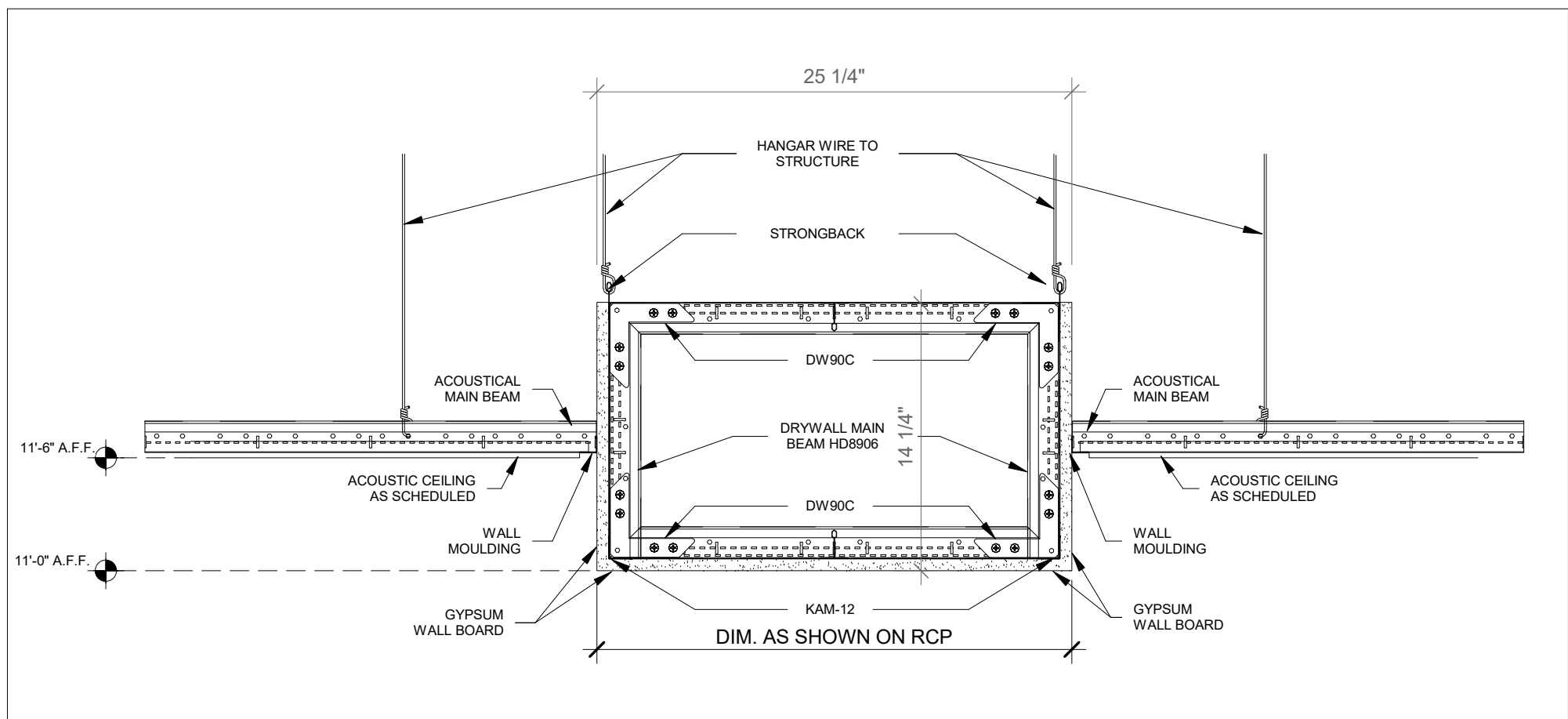
4 Typical Gyp Faced Soffit Detail - ACT A  
SCALE: 1 1/2" = 1'-0"



8 Typical Gyp Faced Soffit Detail - ACT B  
SCALE: 1 1/2" = 1'-0"



5 Typical 6in Axiom Trim Detail  
SCALE: 1 1/2" = 1'-0"



6 Typical Soffit Detail - ACT to GYP to ACT  
SCALE: 1 1/2" = 1'-0"



MIDLAND KEY PLAN  
1" = 100'

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F	Addendum 1	8/16/2021

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Acoustic Consultant

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SED#: 6618-0001-0003-026

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Rye, NY 10580

Midland Elementary School

312 Midland Ave, Rye NY 10580

ADDITION REFLECTED  
CEILING PLAN SOFFIT &  
FIXTURE DETAILS

Approver

SEAL & SIGNATURE DATE: 06/29/20

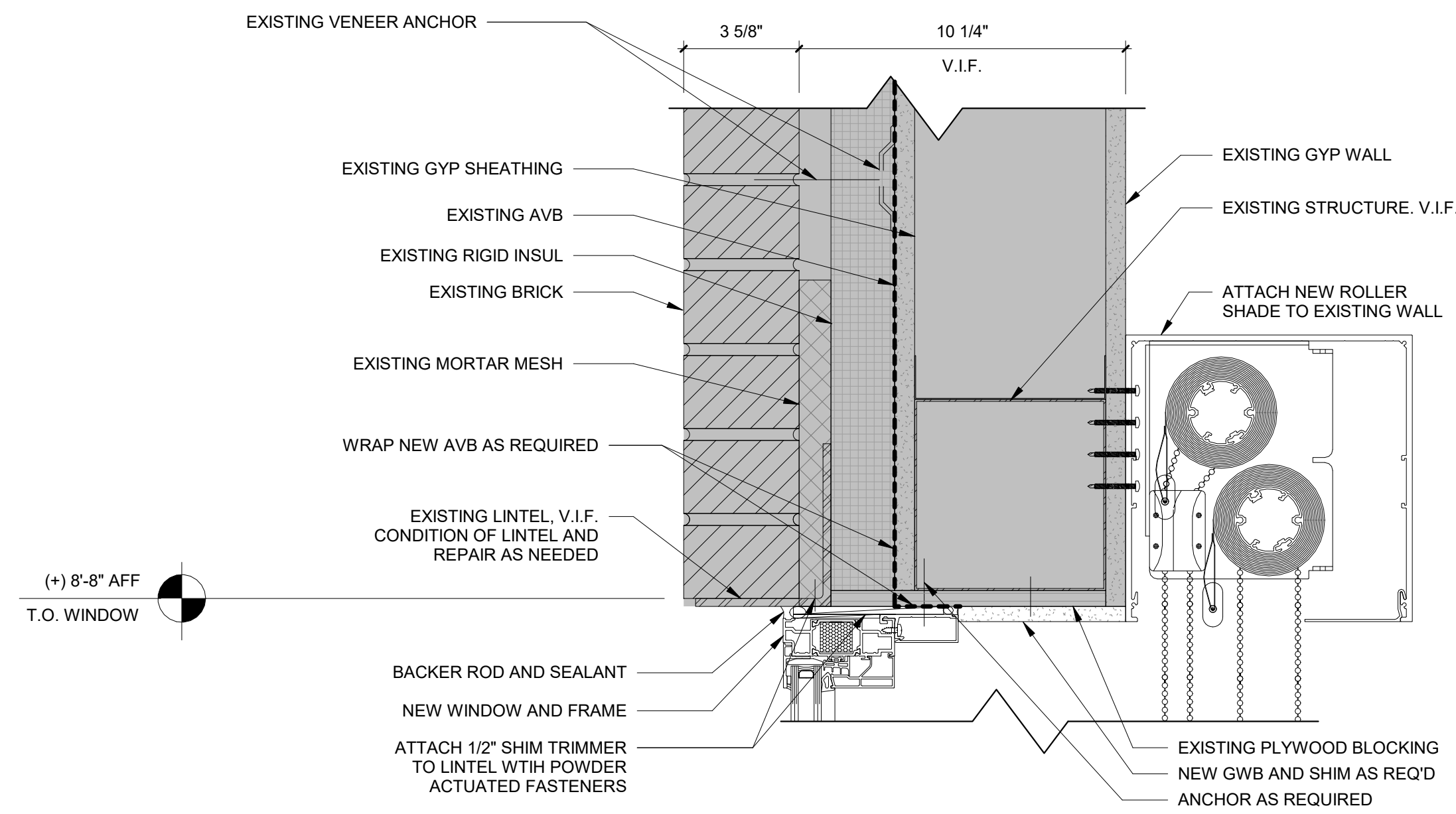
PROJECT No: 9200

DRAWING BY: Author

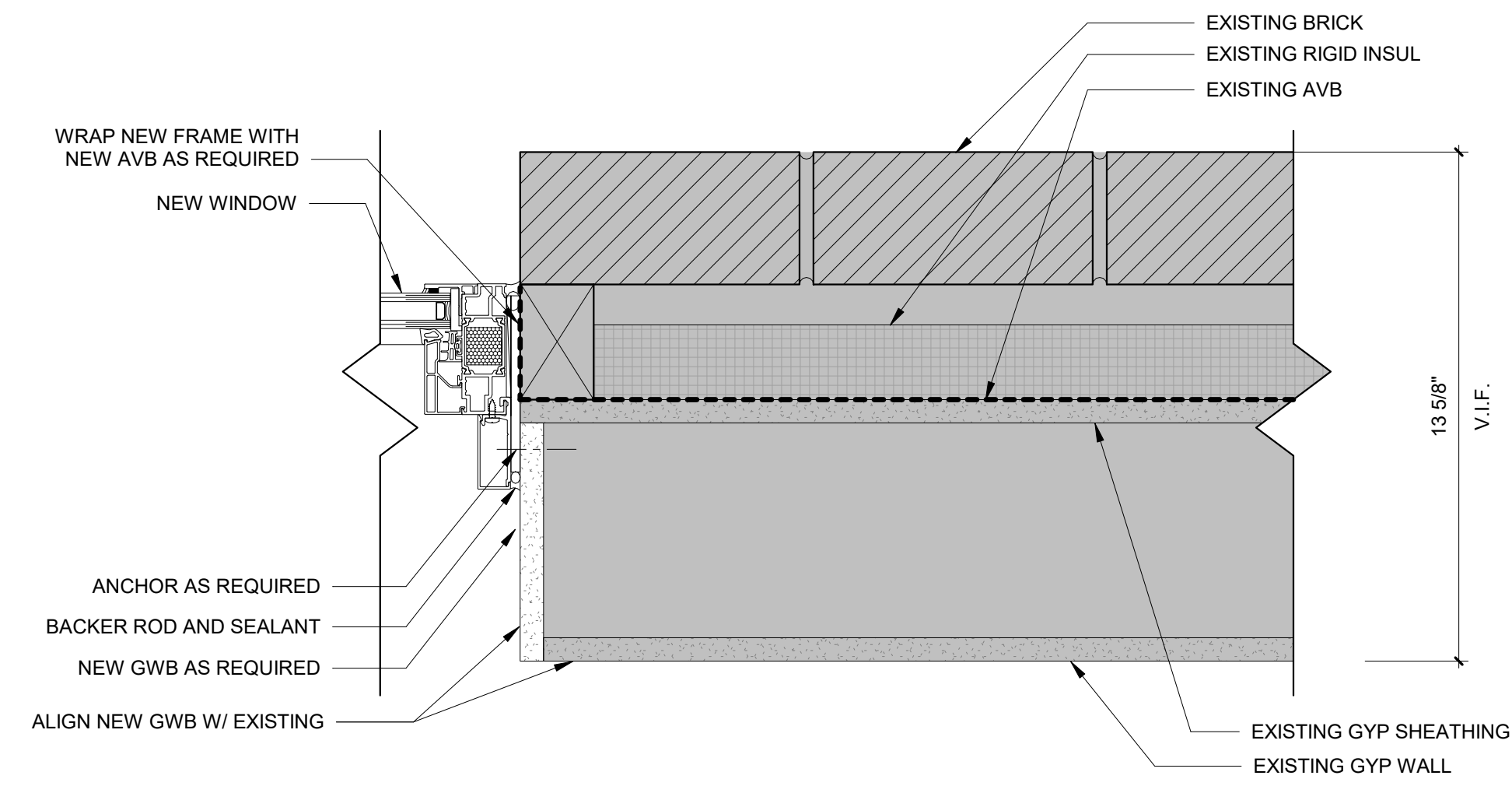
CHK BY: Checker

DWG No: A3-430

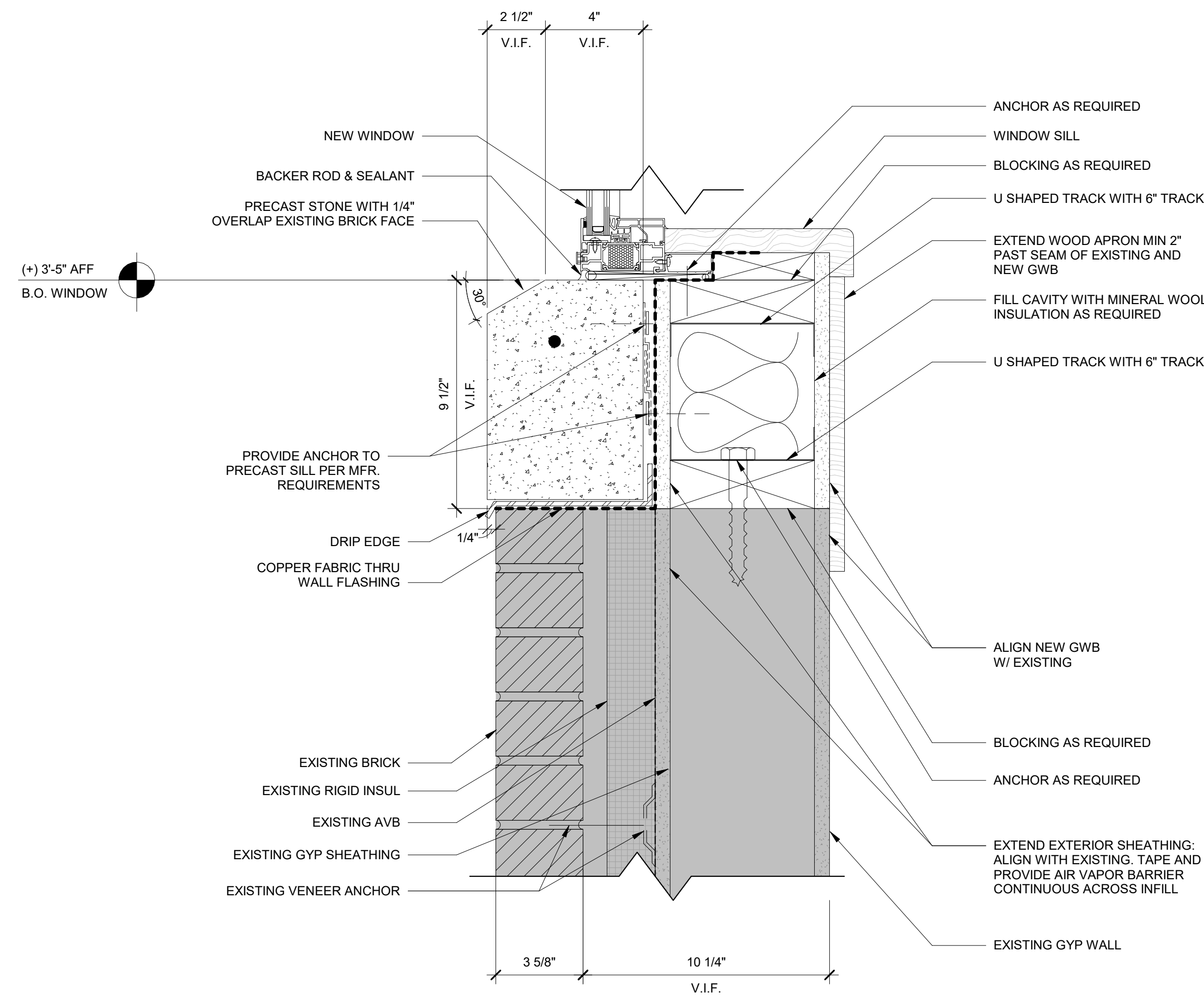




1 **DETAIL - HEAD AT EXISTING WALL INFILL**  
SCALE: 3" = 1'-0"



3 **DETAIL - JAMB AT EXISTING WALL INFILL**  
SCALE: 3" = 1'-0"



2 **DETAIL - SILL AT EXISTING WALL INFILL**  
SCALE: 3" = 1'-0"

Revision Schedule		
No.	Description	Date
F	Addendum 1	8/16/2021

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PROJECT

**Rye City Schools**  
555 Theodore Fremd Ave, Rye, NY 10580

**Midland Elementary School**

312 Midland Ave, Rye NY 10580

**EXTERIOR WINDOW AND  
DOOR SECTION DETAILS**

Approver

SEAL & SIGNATURE | DATE: 07/29/21  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A3-607

## **SECTION 274116**

### **INTEGRATED AUDIOVISUAL SYSTEMS**

#### **PART 1 - GENERAL**

##### **1.1 General Provisions**

- A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 01 - GENERAL REQUIREMENTS which are hereby made a part of this Section of the Specifications.
- B. Examine all other Sections of the Specifications for requirements that affect work of this Section whether or not such work is specifically mentioned in this Section.
- C. Coordinate work with that of all other trades affecting, or affected by work of this Section. Cooperate with such trades to assure the steady progress of all work under the Contract.
- D. Throughout this specification, the term "Contractor" shall refer to the Audiovisual Systems Contractor unless otherwise indicated.

##### **1.2 Examination Of Site And Documents**

- A. Bidders are expected to examine and to be thoroughly familiar with all contract documents and with the conditions under which work will be carried out. The Awarding Authority (Owner) will not be responsible for errors, omissions and/or charges for extra work arising from General Contractor's or Trade Contractor's failure to familiarize themselves with the Contract Documents or existing conditions. By submitting a bid, the Bidder agrees and warrants that he has had the opportunity to examine the site and the Contract Documents, that they are familiar with the conditions and requirements of both and where they require, in any part of the work a given result to be produced, that the Contract Documents are adequate and that he will produce the required results.

##### **1.3 DOCUMENTS**

- A. Refer to audiovisual system drawings, appendix, and the project construction drawings for information related to the work specified herein.
- B. Audiovisual system documents include this printed specification plus the following drawings:
  - 1. AVE series drawings

#### 1.4 RELATED DOCUMENTS

- A. Drawings, General Conditions of the Contract, and Division 1 General Requirements apply to the work of this Section. Examine referenced documents for requirements affecting the work.
- B. Examine all other Sections of the specifications and all other drawings for requirements which affect work under this Section, whether or not such work is specifically mentioned in this Section.

#### 1.5 Related Work Specified Elsewhere

- A. Carefully examine all of the Contract Documents for requirements which affect the Work of this Section.

#### 1.6 SCOPE OF WORK

- A. Provide all equipment outlined herein and assemble it into one complete functioning system, as described by the applicable paragraphs of this Section and as shown on the drawings. Assume responsibility for providing and installing systems that meet the performance requirements stated.
- B. The plans, specifications, and other Contract Documents are to be considered together and are intended to be mutually complementary, so that any work shown on the plans though not specified in the specifications, and any work specified in the specifications though not shown on the plans, is to be executed by the Contractor as a part of this contract. Should a conflict occur in or between or among any parts of the Contract Documents that are entitled to equal preference, the better quality or greater quantity shall govern, unless the Owner's authorized representative directs otherwise. Figured dimensions shall take precedence over scaled dimensions.
- C. To meet these performance requirements:
  - 1. Furnish all equipment, including any items not specified but required to provide a completed system. Verify the completeness of equipment listed in this Section and the correctness of type numbers.
  - 2. Use all equipment specified in the manner specified. Clarify any misunderstandings prior to bid submission, and offer alternates as appropriate.
  - 3. Verify each component's conformance with its manufacturer's published specifications and other requirements as stated in this Section.
  - 4. Check in detail each item of equipment provided, each portion of the installation, and the complete installation to ensure that the intent of this Section is achieved.
- D. The work includes, but is not limited to, the following:
  - 1. Submission of shop drawings prior to fabrication

2. Verification of dimensions and conditions at the job site
3. Installation in accordance with these specifications, manufacturer's recommendations, and all applicable code requirements
4. Setup and adjustment of signal processing, system tests and adjustments, written report, demonstration for approval, participation in acceptance tests, and final adjustments as required
5. Programming and documenting of all software controlled devices including initial setup of presets in all devices
6. Coordination with the Electrical contractor
7. Coordination with the Lighting contractor
8. Coordination with the Fire Alarm Systems Contractor
9. Coordination with Tel/Data Contractor and other Low Voltage Contractors
10. Coordination with Owner's Audio-Visual Personnel
11. Coordination with the Owner's IT department and installers
12. Performance standards, without claim for additional payment
13. System documentation
14. Instruction of Owner's operating personnel
15. Maintenance services for one year
16. Warranty

#### 1.7 SUBSTITUTIONS

- A. Furnish explanation of any suggested substitute equipment or methods, identifying the impact on equipment, installation, and change in overall price. State the system price as specified, and any change in price due to this substitution. State clearly the benefit offered by this substitution. Provide manufacturer's specifications or other descriptive literature as appropriate. If requested, make samples available, at no cost to the Owner.

#### 1.8 EXISTING CONDITIONS

- A. Verify all existing conditions. Refer to the Owner for coordination and clarification before the bid date of any discrepancies concerning existing conditions, drawings, and specifications. Clarify with the Owner all locations including conduit and cable routings. Where discrepancies occur and pre-bid instructions have not been obtained, abide by the Owner's decision.
- B. Provide all additional conduit and cable required for the installation. Refer to drawings of other Sections for identification of conduit and cable provided by other trades.
- C. Comply with all requirements regarding the proper installation of equipment for seismic considerations. It is the responsibility of the Contractor to employ installation methods that are in compliance with all applicable building codes of the authority(ies) having jurisdiction.

## 1.9 FEES, PERMITS, AND NOTICES

- A. Perform all work in compliance with all applicable requirements of the authority(ies) having jurisdiction. Take out and maintain all construction permits, pay all fees, and file all notices, all at no additional cost to the Owner.
- B. Where mounting or rigging systems require the design or design approval of a licensed Structural Engineer, pay all associated fees and expenses. Make no claim for additional payment.

## 1.10 MATERIAL AND EQUIPMENT

- A. Provide materials and equipment conforming to the applicable requirements of:
  - 1. Underwriter's Laboratories
  - 2. National Electrical Code
  - 3. American National Standards Institute
  - 4. Federal Communications Commission
- B. References shall meet the latest edition of that standard.
- C. Provide materials and equipment new and free from use, and covered by the applicable manufacturer's warranty.
- D. Notify the Owner if, in the Contractor's opinion, superior performance can be obtained from alternate materials or equipment from that identified in this specification.
- E. Certain items of equipment are specified by manufacturers' type numbers to indicate an acceptable standard of quality and performance. Substitutions of equal equipment beyond the alternatives listed will be permitted only if such equipment is listed in an addendum to this specification. Address requests for listing of substitutions to the Architect. With any request for substitution, include measured data proving the equivalence of the proposed substitute in quality and performance. The Architect shall be the final judge of the validity of the data submitted.
- F. Provide only current-model materials and equipment. Do not provide obsolete or discontinued models unless specifically directed to do so in the Equipment section of this Section. Review all materials and equipment immediately prior to installation, and inform the Owner's authorized representative of any obsolete or discontinued items.



#### 1.11 DELIVERY, STORAGE AND HANDLING

- A. All equipment shall be appropriately packed for shipment.
- B. All shipping costs to the job site are the responsibility of the Audiovisual Contractor. Determination of the shipping method and company is the responsibility of the Audiovisual Contractor in order to meet the published project schedule.
- C. Completed systems shall be shipped FOB inside and in place.
- D. Note that drop shipment of equipment to the Owner's site directly from the manufacturer, or other supplier will not be allowed.
- E. Upon delivery all materials shall be stored under cover in a clean and dry location. Materials which are damaged during shipping, storage or handling or are otherwise not suitable for installation shall be removed from the job site and replaced, at no additional cost to the Project, with acceptable materials.

#### 1.12 CLEANUP AND TRASH DISPOSAL

- A. Maintain a clean and safe working area free from debris and waste materials. Clean work areas daily.
- B. Except for items to be reused or returned to the Owner, or as otherwise directed, remove trash and packing materials from the jobsite, and dispose of offsite in a legal manner. Do not allow trash to accumulate at the jobsite.

#### 1.13 SUBMITTALS

- A. Submittal Format. Unless directed otherwise, provide submittals electronically in PDF format. Provide documents in full size and suitable for printing by the reviewer. Clearly identify each document within its file name.
- B. Equipment List. Before ordering equipment or beginning work, submit to the Owner's authorized representative for approval a detailed list showing quantities and manufacturer and model number for items of equipment to be used in assembling these systems, including all items of equipment, accessories, and installation materials specified herein. For each item, indicate quantity to be employed within each room or subsystem, and total quantity. Provide this list not later than 30 calendar days after execution of the contract. With this list, provide a statement of assurance that the system design has been reviewed in its entirety, and that the Equipment List defines all equipment and materials necessary for the project.
- C. Product Literature. With the equipment list, attach product literature for all items of equipment submitted, identifying the function, connections, weight,

dimensions, mounting method, electrical and cooling requirements, and other descriptive information for each item, and including a color photograph. Where literature serves more than one item (e.g. varying sizes, finishes, channel counts, etc.), mark to indicate intended item. Order these data sheets alphabetically by manufacturer or in sequence as the referenced equipment appears in the specification. Do not organize by space where the referenced equipment is employed. Provide manufacturers' published data sheets; do not provide third-party catalog pages or HTML pages.

- D. Shop Drawings. Submit the following items for approval by the Owner's authorized representative before starting work. Provide full-size drawings, with text size not smaller than 10-point when printed at full scale.
  - 1. Drawings showing locations and mounting methods for all wall and ceiling mounted equipment. Show geometry of any projection systems.
  - 2. Drawings showing fabrication details of custom millwork and metalwork items,
  - 3. Drawings of rack and other equipment elevations.
- E. Report of Post-Completion Tests. Prepare a report on the post-completion tests defined in this section identifying the failure of any subsystems to perform as required in this Section.
- F. System Documentation. Submit a draft of the final system documentation for approval prior to its publication. Provide draft copies of all items on-site for inspection during the demonstration and acceptance testing of the system; submit final copies thereafter.
- G. Training Materials. Submit a draft outline of the training program and preliminary copies of any materials to be distributed during the program.
- H. Acceptance Test. Submit a draft of the final system acceptance test for approval prior to its performance.

## PART 2 - EQUIPMENT

### 2.1 Installation Components

#### A. Ceiling Mounted Equipment Rack

1. Provide Ceiling mounted Equipment Rack complete with power and additional mounting kit. Provide 4RU Ceiling Rack
  - a. FSR CB-224S with strut hangers as needed
  - b. Atlas IED equal
  - c. Chief CMS492 equal
  - 1) Quantity: As Shown on drawings

#### B. Flat Panel Display Storage Box and Mount

1. Provide flat panel display mount, storage box and complete integrated system. Provide system capable of fitting between standard studs without horizontal brace. Provide mount rated for 350 lbs and that supports standard VESA mounting patterns through pull-out mount. Provide with internal box space of 24 inches x 20 inches and minimum of 3.75" depth. Provide with 8 Single gang box knockout s. Provide system capable of supporting an additional 10 inch x 7 inches capacity underneath the display for optional auxiliary equipment.
  - a. RP Visual Wallmate 32 Max
  - b. Advanced Mounting and Design Custom Colossal Self Supported
  - c. Custom Display Solutions Custom
  - 1) Quantity: As Shown on Drawings

## PART 3 - EXECUTION

### 3.1 SYSTEM INSTALLATION

- A. Supply racks, wire, conduits, and raceways required to provide a complete system. Unless specifically instructed to the contrary, install all system wiring in steel conduit. Do not exceed 30% fill in conduits. Insulate all conduit from the equipment rack(s); connect conduits mechanically and electrically to the system ground point. Coordinate with the Owner and the Owner's authorized representative.
- B. Use separate wiring pathways for microphone-level circuits (below -20 dBm), video and line-level audio circuits (up to +30 dBm), loudspeaker circuits (above +30 dBm), control circuits, and power circuits. Space all low-voltage pathways far from power circuits per conduit separation distances table shown on drawings.
- C. Secure equipment firmly in place, including projectors, control panels, loudspeakers, conduit, amplifiers, racks, cables, etc. For all overhead mounted devices, provide secondary attachment to provide support in case of failure of primary support. Make fastenings and supports adequate to support their loads with a safety factor of at least three.
- D. Assemble and install equipment racks to permit access to connections and adjustments on rear of rack mounted components and to permit removal of components for servicing. For any components which, for purposes of adjustment or calibration, must be removed from an equipment rack while in use, provide adequate service loops in all connecting cables.
- E. Install work neatly, with boxes, equipment, etc. plumb and square.
- F. Install the system in cooperation with other trades in order to achieve coordinated progress and satisfactory final results. Watch for conflicts with work of other trades on the job. Execute, without claim for extra payment, moderate moves or changes as are necessary to accommodate other equipment or preserve symmetry and a pleasing appearance.
- G. Install all equipment to provide safe operation.
- H. Provide ventilation as required to maintain equipment within the manufacturer's specified temperature limits.
- I. Field verify all junction box sizes prior to fabricating cover plates. Except where specifically dimensioned, control and connection plate layouts shown on drawings are not scaled. Size plates as necessary to hide joints and gaps between backboxes and surrounding wall.

- J. Where cover plates are not fitted with connectors, provide bushed hole(s) through cover plate in sizes and quantities required. Do not allow cables to enter or exit boxes without cover plates installed.
- K. For all A/V connections provide receptacle plates and panels consistent with architectural specifications. Prior to installation submit to the Architect for approval samples of proposed plates, receptacles, and panels.
- L. Provide steel blank and vent panels on all equipment racks to fill any unused rack spaces, per industry best practices for optimizing airflow. Use panels with factory-applied finishes to match the color of the rack itself unless otherwise directed by the Owner's authorized representative.
- M. Save all unused products accessories and turn over to Owner at checkout.

### 3.2 PROTECTION AND REPAIR OF EXISTING FINISHES AND STRUCTURES

- A. Cut and patch all holes required for this installation.
- B. Make good all materials and finishes cut into or damaged during installation.
- C. Maintain clean and safe working conditions. Clean the premises where dirtied, and clean all equipment, removing all dirt, dust, stains, and fingerprints. The Contractor is liable for any damage caused by his employees and subcontractors to the property of others.

### 3.3 ~~DEMONSTRATION AND ACCEPTANCE TESTING~~

- ~~A. Conduct tests to establish to the satisfaction of the Owner and the Owner's authorized representative that the system performs as required. Before beginning the acceptance testing, have reasonable assurance that such testing shall produce satisfactory results. Conduct testing in the presence of the Owner's authorized representative as well as the Owner, Architect, and General Contractor at their option, at a time mutually agreed to by all parties.~~
- ~~B. Under the direction of the Owner's authorized representative, conduct tests as outlined below. Furnish any and all equipment and media necessary to perform these tests, and furnish evidence of proper calibration of all test equipment. Provide technical staff (system programmer, DSP programmer) to assist.~~
  - ~~1. System Performance Tests. Conduct spot checks of system performance to ensure performance requirements (Paragraph **Error! Reference source not found.** of this Section) are met. Perform such tests as necessary to establish confidence that spot test results are representative of system performance as a whole.~~
  - ~~2. Operating Tests. Include tests to verify that system functional requirements (Paragraph **Error! Reference source not found.** of this Section) are met, and that user controls operate properly.~~

3. ~~Equipment Tests. Confirm the proper functioning of significant equipment items, and confirm required system control over these items.~~
  4. ~~Final Adjustments. Make control adjustments as directed by the Owner's authorized representative. Provide covers, caps, or shaft locks for controls not used in system operations. Make a record of these control settings for inclusion with the final documentation.~~
  5. ~~Listening and Viewing Tests. Include subjective evaluations by persons listening and viewing from various positions under various operating conditions. Conduct such tests to verify system functioning under normal operating conditions.~~
- C. ~~If the need for adjustment or modification becomes evident during testing, either continue testing, or interrupt testing to permit corrective action, as directed by the Owner's authorized representative. Perform retesting following any corrective action to the extent directed by the Owner's authorized representative.~~
- D. ~~In addition to Contractor-directed testing, assist as required with specific testing as conducted by the Owner's authorized representative.~~

END OF SECTION 274116



GENERAL NOTES / SAFETY GUIDELINES			NOTES	Revision Schedule																		
<div>1. ALL WORK SHALL COMPLY WITH THE STATE EDUCATION DEPARTMENT UNIFORM SAFETY STANDARDS.</div> <div>2. PER NYS LAW, SMOKING IS PROHIBITED ANYWHERE ON SCHOOL PROPERTY. VIOLATORS WILL BE SUBJECT TO ARREST AND/OR FINE OF \$1,000 PER OCCURRENCE.</div> <div>3. SHIRTS ARE TO BE WORN AT ALL TIMES AND NO SHORT PANTS ARE PERMITTED.</div> <div>4. ANY CONTRACTOR'S PERSONNEL USING INAPPROPRIATE LANGUAGE OR WHO IS DISRUPTIVE TO THE SCHOOL ENVIRONMENT WILL BE BANNED FROM THE SITE.</div> <div>5. CONTRACTOR'S PERSONNEL SHALL NOT CONVERSE WITH SCHOOL EMPLOYEES, STUDENTS AND OR THE LOCAL RESIDENTS.</div> <div>6. ANY CONTRACTOR'S PERSONNEL FOUND TO BE UNDER THE INFLUENCE OF ANY CONTROLLED SUBSTANCE OR ALCOHOL WILL BE BANNED FROM THE SITE.</div> <div>7. DURING SCHOOL OCCUPANCY NO DELIVERIES FROM THE CONTRACTOR WILL BE ALLOWED DURING BUS DROP OFF OR PICK UP HOURS AS DETERMINED BY THE OWNER, RYE CITY SCHOOL DISTRICT BETWEEN THE HOURS OF 7:30 AM TO 8:30 AM AND 2:30 PM TO 3:30 PM.</div> <div>8. USE OF THE EXISTING BUILDING FACILITIES DURING CONSTRUCTION IS PROHIBITED INCLUDING TOILET ROOMS, TELEPHONE AND WATER FOUNTAINS AND CLASSROOMS BY ANY CONTRACTOR'S PERSONNEL.</div> <div>9. PARKING IS RESTRICTED TO AREAS DESIGNATED BY THE OWNER AND CONSTRUCTION MANAGER. ANY VEHICLES OR TRUCKS IN NON-DESIGNATED AREAS MAY BE TOWED AT CONTRACTOR'S EXPENSE.</div> <div>10. SHOULD IT BECOME NECESSARY TO ACCESS THE EXISTING BUILDING DURING CONSTRUCTION HOURS FOR MEASUREMENTS OR OTHER NON-DISRUPTIVE WORK, THE CONTRACTOR SHALL BE ESCORTED BY THE CONSTRUCTION MANAGER.</div> <div>11. ALL WORKERS MUST WEAR PHOTO IDENTIFICATION BADGES AT ALL TIMES WHILE WORKING AT THE SITE. IDENTIFICATION BADGES MUST BE PROVIDED BY CONTRACTOR FOR THEIR RESPECTIVE PERSONNEL, INCLUDING ALL SUBCONTRACTORS.</div> <div>12. NO ASBESTOS CONTAINING PRODUCTS TO BE USED ANYWHERE ON THIS PROJECT.</div> <div>13. NO LEAD CONTAINING PRODUCTS TO BE USED ANYWHERE ON THIS PROJECT.</div> <div>14. PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR MUST SUBMIT CONSTRUCTION PLANS FOR REVIEW AND APPROVAL, WHICH SHOW THE LOCATION OF EXHAUST, FRESH AIR FANS, HVAC EQUIPMENT, LOUVERS, WINDOWS, DOORS, AND DUST CONTROL THAT WILL BE PROVIDED FOR EACH CONDITION. NOTING THAT WINDOWS AND DOORS ARE TO BE CLEANED ON A DAILY BASIS.</div> <div>15. DUST CONTROL:</div> <div>15.A. THE CONTRACTOR SHALL INSTALL DUST PROTECTION BARRIERS &amp; POLY SHEETING WITH MINIMUM DAMAGE TO ADJACENT SURFACES. THE GENERAL CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGE TO EXISTING SURFACES CAUSED BY CONSTRUCTION ACTIVITY.</div> <div>15.A.1. DURING SUMMER MONTHS WHEN BUILDING/SPACES ARE UNOCCUPIED: CONTRACTOR SHALL PROVIDE AND INSTALL ALL PENETRATIONS INTO THE BUILDING SHALL BE SEALED WITH A MINIMUM OF 6 MIL POLYETHYLENE SHEETING TO PREVENT DUST CREATED BY DEMOLITION AND CONSTRUCTION ACTIVITY FROM ENTERING THE BUILDINGS.</div> <div>15.A.2. DURING MONTHS WHEN SCHOOL IS OCCUPIED: ALL PENETRATIONS INTO THE BUILDING SHALL BE SEALED WITH TEMPORARY FIRE RATED PARTITIONS AND ACCESS DOORS TO PREVENT THE TRAVEL OF DUST BETWEEN WORK AREAS AND ADJACENT SPACES UNIMPACTED BY WORK.</div> <div>15.A.3. THE CONTRACTOR IS ADDITIONALLY RESPONSIBLE FOR ALL DEBRIS AND DUST INFILTRATING ADJACENT AND UNDISTURBED AREAS OF AND OR PREVIOUSLY FINISHED AREAS OF THE BUILDING CONTRACTOR WILL PROVIDE FINAL CLEANING OF ALL SURFACES AS REQUIRED AND TO THE SATISFACTION OF THE OWNER AND CM ON A DAILY BASIS, FOR ALL AREAS IMPACTED BY CONSTRUCTION ACTIVITY.</div> <div>15.B. CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING DUST AND DIRT ON THE EXTERIOR. SITE SHALL BE WATERED DOWN FREQUENTLY TO PREVENT DUST CLOUDS FROM RISING. ALL PAVED AREAS SHALL BE MAINTAINED CLEAN AT THE CONSTRUCTION MANAGERS REQUEST.</div> <div>15.C. CONTRACTOR IS TO USE ONLY GRINDERS WITH VACUUM ATTACHMENTS AT THE WORK SITE AND IS TO CHANGE FILTERS REGULARLY. ALL HVAC EQUIPMENT, LOUVERS, FRESH AIR FANS ETC., ADJACENT TO THE WORK SITE ARE TO BE TURNED OFF AND THEN PROTECTED AND TURNED ON AFTER WORK HAS BEEN COMPLETED. AIR INTAKES ARE TO BE PROTECTED WITH REGULARLY MAINTAINED 2M HEPA FILTERS. WINDOWS, DOORS, AND DOORWAYS ADJACENT TO THE WORK SITE MUST HAVE PLASTIC PROTECTION INSTALLED AND REMOVED AND THE WINDOWS AND DOORS AND ADJACENT AREAS ARE TO BE CLEANED ON A DAILY BASIS.</div> <div>15.D. ALL SMOKE HEADS AND ANY OTHER PIECES OF EQUIPMENT AND APPARATUS THAT ARE TO REMAIN ARE TO BE COVERED &amp; PROTECTED. IF THEY ARE ACTIVE PIECES OF EQUIPMENT THEN THEY NEED TO BE UNCOVERED AT THE CONCLUSION OF THE DAY'S WORK, RE-COVER THEM AT THE START OF THE WORK DAY.</div> <div>16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING OWNERS PROPERTY, ALL EXISTING SHRUBS, TREES, LAWN FIXTURES, SCULPTURES AND MISCELLANEOUS EQUIPMENT SHALL BE PROTECTED AT ALL TIMES. ANY REMOVALS OR RELOCATION OF SAID OBJECTS, IF ALLOWED SHALL BE AS DIRECTED BY OWNER AND CONSTRUCTION MANAGER. CONTRACTOR WILL ALSO REPAIR TO SATISFACTION OF OWNER ALL DISTURBED EXTERIOR SITE AREAS DISTURBED BY CONSTRUCTION, INCLUDING BUT NOT LIMITED TO: LAWNS, PLANTINGS, TREES, DRAINAGE PIPING, BASINS, MANHOLES, CURBS, SIDEWALKS, PAVEMENTS, ETC.. CONTRACTOR WILL ALSO REPAIR TO THE SATISFACTION OF OWNER ALL BUILDING EXTERIORS AND ROOF AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, PRIOR TO SUBSTANTIAL COMPLETION.</div> <div>17. PAINTING OR OTHER CHEMICAL APPLICATIONS SHALL BE DONE IN THE EXISTING BUILDING ONLY WHEN UNOCCUPIED. STORAGE OF CHEMICALS AND PAINTING SHALL BE OUTSIDE THE EXISTING OR NEW STRUCTURES AND SHALL FOLLOW MANUFACTURER'S STORAGE GUIDELINES.</div> <div>18. OXYGEN OR OTHER GAS CONTAINERS SHALL BE PROPERLY STORED AND SECURED PER OSHA REGULATIONS, TO THE SATISFACTION OF THE CONSTRUCTION MANAGER. AND OWNER. FAILURE TO DO SO WILL RESULT IN A \$250 BACK CHARGE, PER OCCURRENCE. THE CONTRACTOR AND TRADE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL OSHA REGULATIONS. GENERAL CONSTRUCTION CONTRACT SHALL SCHEDULE REGULARLY PROJECT SITES WITH OSHA.</div> <div>19. THE CONTRACTOR WILL PROVIDE AND MAINTAIN DUMPSTERS AS REQUIRED FOR THE DURATION OF THE PROJECT. THE CONTRACTOR WILL PROVIDE DUMPSTERS FOR ALL OTHER PRIMES AND TRADES TO USE AND PLACE CONSTRUCTION DEBRIS AND RUBBISH WITHIN, FOR DISPOSAL FROM THE SITE FOR THE DURATION OF THE PROJECT.</div> <div>20. THE CONTRACTOR WILL REPLACE AND MAINTAIN ALL DUMPSTERS AS REQUIRED FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING THEIR OWN MATERIALS, DEBRIS AND RUBBISH IN DUMPSTERS PROVIDED BY THE CONTRACTOR ON A DAILY BASIS. FAILURE TO MAINTAIN A CLEAN WORK AREA AND SITE DAILY, WILL RESULT IN OTHERS PERFORMING THE WORK AND THE CONTRACTOR(S) RESPONSIBLE WILL BE BACK CHARGED FOR ALL ASSOCIATED COSTS INCURRED TO RESTORE A CLEAN WORK AREA AND SITE. THIS MAY BE DONE WITHOUT THE TYPICAL 3-DAY NOTICE TO CONTRACTOR(S).</div> <div>21. THE CONTRACTOR MUST SEND A QUALIFIED REPRESENTATIVE, KNOWLEDGEABLE IN THE PROJECT AND AUTHORIZED TO MAKE DECISIONS ON BEHALF OF THE COMPANY, TO EVERY PROJECT MEETING.</div> <div>22. THE CONTRACTOR SHALL COOPERATE WITH THE SCHOOL PRINCIPAL AND CUSTODIAL STAFF IN COORDINATING WORK ACTIVITIES WITHIN THE SCHOOL. HOWEVER, IF ANY ADDITIONAL WORK IS REQUESTED THE CONTRACTOR SHALL NOT PROCEED UNLESS APPROVAL IS RECEIVED FROM THE CONSTRUCTION MANAGER. THE CONTRACTOR WILL NOT BE COMPENSATED FOR ANY ADDITIONAL WORK THAT IS PERFORMED WITHOUT THE CONSTRUCTION MANAGERS APPROVAL.</div> <div>23. ANY DELIVERIES SENT TO THE SCHOOL WILL NOT BE SIGNED FOR OR UNLOADED BY THE OWNER OR CONSTRUCTION MANAGER. THEY WILL BE DIRECTED TO THE CONSTRUCTION SITE AND IF NO EMPLOYEE IS ON SITE, THE DELIVERY WILL BE REJECTED, AT THE CONTRACTORS SOLE EXPENSE.</div> <div>24. ALL HOT TAR ROOFING SHALL BE INSTALLED AFTER SCHOOL HOURS OR ON WEEKENDS/HOLIDAYS ONLY. KETTLES SHALL NOT BE LIT UNTIL ALL STUDENTS HAVE LEFT THE BUILDING.</div> <div>25. THE CONTRACTOR SHALL SUBMIT A TWO WEEK LOOK AHEAD WORK SCHEDULE AT ALL PROJECT MEETINGS, INDICATING WORK DAYS, WORK HOURS AND MANPOWER ALLOCATION FOR ALL AREAS OF THE CONTRACT WORK. THE CONTRACTOR WILL COORDINATE WITH ALL OTHER TRADES TO PERFORM THE WORK. CONSTRUCTION MANAGER AND OWNER TO APPROVE ACCESS TO THOSE AREAS SCHEDULED FOR WORK.</div> <div>26. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN THE 8'-0" HIGH TEMP. CONSTRUCTION CHAIN LINK FENCE WITH TOP &amp; BOTTOM RAILS, IN GOOD CONDITION AT ALL TIMES, FOR THE DURATION OF PROJECT. THIS INCLUDES ALL GATES AND LOOKS/CHAINS FOR SECURING SITE AFTER WORK HOURS. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION MANAGER 3 COPIES OF ALL KEYS. THE CONTRACTOR WILL MAINTAIN THE CONSTRUCTION PERIMETER FENCE FOR THE DURATION OF THE PROJECT. AT THE COMPLETION OF PROJECT OR AT THE DIRECTION OF THE OWNER, THE CONTRACTOR WILL REMOVE THE FENCE FROM THE SITE.</div> <div>27. NO STORAGE OF MATERIALS WILL BE PERMITTED WITHIN THE BUILDINGS AT ANY TIME DURING CONSTRUCTION. THE CONTRACTOR MUST PROVIDE EXTERIOR STORAGE CONTAINERS AS REQUIRED FOR MATERIAL &amp; EQUIPMENT STORAGE. IF REQUIRED CONTRACTOR TO HEAT CONTAINERS AS REQUIRED DURING WINTER MONTHS TO MAKE SURE MATERIAL TEMPERATURES ARE PROPERLY MAINTAINED. FINAL LOCATION OF STORAGE CONTAINER SHALL BE BY OWNER AND CONSTRUCTION MANAGER.</div> <div>28. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL REQUIRED SITE SAFETY SIGNAGE, IN ADDITION TO THOSE SHOWN ON CIP DWGS FOR DURATION OF PROJECT.</div> <div>29. THE CONTRACTOR SHALL PROVIDE, INSTALL &amp; MAINTAIN ALL "BLACK" GEOTEXTILE FABRIC, 8'-0" HEIGHT (SILT FENCE) TO EXISTING &amp; TEMPORARY CHAIN LINK FENCE. FABRIC TO BE TIE-WAPPED TO FENCE SUFFICIENT TO SUPPORT FABRIC THROUGHOUT PROJECT. THE CONTRACTOR WILL SUPPLY, INSTALL, AND MAINTAIN ALL ADDITIONAL SILT FENCING, GEOTEXT AND TEMP. CONSTRUCTION FENCE AS REQUIRED BY THE OWNER FOR THE DURATION OF THE PROJECT. THE CONTRACTOR WILL REMOVE ALL TEMP. FENCING AT THE PROJECT COMPLETION.</div> <div>30. CONTRACTOR TO PROVIDE AND SERVICE PORTABLE TOILETS FOR THE DURATION OF CONSTRUCTION. TOILETS TO BE SERVICED BY CONTRACTOR ON A REGULAR BASIS TO MAINTAIN SANITARY CONDITIONS.</div> <div>31. CONTRACTOR SHALL PROTECT ALL EXISTING ROOFS DURING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ROOFS DURING CONSTRUCTION. THE CONTRACTOR SHALL MAKE ALL REPAIRS TO ANY DAMAGED AREAS, AS REQUIRED BY THE MANUFACTURER OF THE ROOF SYSTEM.</div> <div>32. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING WEATHER TIGHT SEAL PROTECTION OVER ALL ROUGH OPENINGS, INCLUDING WINDOWS AND ROOF OPENINGS. CONTRACTOR TO PROVIDE FOR DURATION OF PROJECT.</div> <div>33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING PRE-CONSTRUCTION WALK-THRU'S AND VIDEO TAPING EXISTING CONDITIONS. MANDATORY WALK-THRU SHALL BE PRE-SCHEDULED THROUGH THE CONSTRUCTION MANAGER AND SHALL HAVE OWNER, CONSTRUCTION MANAGER, CONTRACTOR PRESENT. FAILURE TO DO SO WILL RESULT IN OWNER ARRANGING FOR THESE SERVICES AND BACKCHARGING CONTRACTOR FOR ALL RELATED COSTS.</div> <div>34. MANUFACTURERS MATERIAL SAFETY DATA SHEETS (MSDS) SHALL BE AVAILABLE AT THE SITE FOR ALL PRODUCTS USED IN THE PROJECT TO BE PROVIDED BY THE CONTRACTOR.</div> <div>35. EGRESS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.</div> <div>36. CONTRACTOR SHALL PREPARE CIP DRAWINGS WHICH WILL INDICATE ALL 1-HOUR FIRE RATED TEMPORARY WALLS INCLUDING DUST PARTITIONS AND TEMPORARY CONSTRUCTION FENCES THAT SEPARATE OCCUPIED AREAS FROM AREAS WHERE WORK IS TO BE PERFORMED. THE CIP DRAWINGS SHALL ALSO INDICATE ALL STAGING AREAS INCLUDING LOCATION OF TRAILERS, STORAGE CONTAINERS AND SERVICEABLE TOILETS. FINAL LOCATIONS OF TEMPORARY WALLS, DUST PARTITIONS, TEMPORARY FENCES, STORAGE CONTAINERS AND SERVICEABLE TOILETS SHALL BE REVIEWED WITH THE OWNER AND CONSTRUCTION MANAGER PRIOR TO INSTALLATION.</div> <div>37. TEMPORARY OWNER'S TRAILER TO BE PROVIDED UNDER THE CONTRACT FOR GENERAL CONSTRUCTION. POWER FOR TRAILER TO BE PROVIDED BY ELECTRICAL CONTRACTOR.</div> <div>38. BECAUSE OF THE CLOSE PROXIMITY OF THE CONSTRUCTION AREA TO THE EXISTING SCHOOL, ALL EQUIPMENT THAT PRODUCE ENGINE EXHAUST (I.E. VIA COMBUSTION ENGINES, ETC.) SHALL BE PERMANENTLY OUTFITTED WITH GAS OR DIESEL EXHAUST SCRUBBERS FOR THE DURATION OF THE WORK. IF AT ANY TIME THERE IS EQUIPMENT OPERATING WITHOUT THESE DEVICES IN PROPER FUNCTIONAL ORDER THE CONTRACTOR WILL BE FINED \$500 PER INSTANCE. FOR DELIVERIES, ENGINES CAN RUN/OPERATE FOR 5 MINUTES (SAME GUIDELINES AS BUSES) THAN NEED TO BE TURNED OFF. FOR EQUIPMENT SUCH AS CONCRETE PUMPS THAT COME TO THE SITE INTERMITTENTLY, THEY SHALL BE REQUIRED TO OPERATE AS FAR AWAY FROM THE BUILDING AS POSSIBLE. IF THIS EFFORT IS NOT UNDERTAKEN EACH AND EVERY TIME UNDER ANY CIRCUMSTANCE, THEY SHALL BE DIRECTED TO LEAVE THE SITE IMMEDIATELY.</div> <div>39. BECAUSE OF THE CLOSE PROXIMITY OF THE CONSTRUCTION AREA TO THE EXISTING SCHOOL, ALL EQUIPMENT SHALL HAVE MUFFLERS AND/OR NOISE INHIBITING PARAPHERNALIA EMPLOYED SO AS TO MINIMIZE OR CANCEL OUT NOISE. NOTE THAT THE MAXIMUM ALLOWABLE NOISE LEVEL ALLOWED BY THE SED IS 60DB.</div>			<div>WINTER CONDITION NOTES:</div> <div>1. ALL CONTRACTORS ARE TO TAKE NECESSARY MEASURES FOR SAFETY PRECAUTIONS.</div> <div>2. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SNOW REMOVAL AND APPLICATION OF ROAD SALT AS REQUIRED.</div> <div>3. GENERAL CONTRACTOR TO PROVIDE WEEKLY WEATHER FORECASTS WITH THEIR TWO WEEK LOOK-HEADS DURING COLD WEATHER MONTHS.</div> <div>4. PROTECTION AND HEATING OF CONCRETE WORK, SEE TEMPORARY FACILITIES SPECS.</div> <div>5. WRAPPING OF BUILDING FOR PROTECTION FROM AND HEATING AGAINST COLD WEATHER, SEE TEMPORARY FACILITIES SPECS.</div>	<table><tr><th>No.</th><th>Description</th><th>Date</th></tr><tr><td>1</td><td>SED SUBMISSION</td><td>9/15/2020</td></tr><tr><td>2</td><td>ISSUED FOR BID</td><td>8/10/2021</td></tr></table>	No.	Description	Date	1	SED SUBMISSION	9/15/2020	2	ISSUED FOR BID	8/10/2021									
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			<div>SECTION 01 11 00</div> <div>MILESTONE SCHEDULE</div> <div>PART 1 – GENERAL</div> <div>1.01 MASTER SCHEDULE</div> <div>The following milestone schedule serves as a basis for bidding. A Master Schedule will be developed at a general meeting of the awarded contractor within 10 days of Award the Contracts. This Master Schedule will incorporate the milestones listed below.</div> <div>1.02 SUBSTANTIAL COMPLETION &amp; MILESTONE DATES</div> <div>A. Award Contracts within 30 days of Contract Opening</div> <div>B. Start Construction – Date of Award of Contracts</div> <div>C. Milestone Dates</div> <div><div>Osborn Elementary School</div><div>ADDITION-Commence Construction Substantial Completion</div><div>October 18, 2021 December 2, 2022</div></div> <div><div>RENOVATION-Commence Substantial Completion</div><div>June 26, 2023 August 18, 2023</div></div> <div><div>Completion of Punchlist &amp; Project Closeout</div><div>September 22, 2023</div></div> <div><div>Osborn ES Sitework and Modular Bldg's Commence Sitework</div><div>Modular Relocation Completion</div><div>June 26, 2023 August 18, 2023</div></div> <div>Asbestos Abatement at all schools and building is critical to the construction schedule and shall be scheduled so that the abatement is complete within the first two weeks of renovation construction. The Rye City School District will make arrangements to have the building available for second shift and 24 hour work if necessary to complete the asbestos abatement work in the first two weeks.</div> <div>D. Final Close-out of all Contract</div> <div>a. Final Close-out of Contract</div>																			
			<div>LEGEND OF SYMBOLS</div> <table><tr><th>SYMBOL</th><th>DESCRIPTION</th></tr><tr><td></td><td>TEMPORARY STONE TRACKING PAD</td></tr><tr><td></td><td>PROPOSED STAGING AREAS AS INDICATED ON PLANS.</td></tr><tr><td></td><td>PHASE 1 – PROPOSED AREAS OF WORK</td></tr><tr><td></td><td>PHASE 2 – PROPOSED AREAS OF WORK</td></tr><tr><td></td><td>CONSTRUCTION ENTRANCE GATE</td></tr><tr><td></td><td>8' HIGH TEMPORARY FENCE W/BOTTOM &amp; TOP RAILS W/30" SILT FENCE &amp; 8' HIGH SCREEN</td></tr><tr><td></td><td>INSTALL PLYWOOD BARRIER ON EXTERIOR WALL WITH 3/4" CDX PLYWOOD ON 3 5/8" METAL STUDS @ 16" O.C. WITH TWO LAYERS OF 5/8" TYPE "X" GYPSUM BOARD, TAPE &amp; COMPOUND WITH CAULKING AT THE PERIMETER, GYP. BOARD TO BE PAINTED.</td></tr><tr><td></td><td>TEMPORARY DUST PROTECTION, PLASTIC CORRIDOR BARRIER WITH ZIPPER OPENING. GC WILL ALSO INSTALL PLASTIC BARRIERS AT DOORWAYS TO OFFICES AND CLASSROOMS WHERE NO WORK IS TAKING PLACE, AS DIRECTED BY CM.</td></tr></table>	SYMBOL	DESCRIPTION		TEMPORARY STONE TRACKING PAD		PROPOSED STAGING AREAS AS INDICATED ON PLANS.		PHASE 1 – PROPOSED AREAS OF WORK		PHASE 2 – PROPOSED AREAS OF WORK		CONSTRUCTION ENTRANCE GATE		8' HIGH TEMPORARY FENCE W/BOTTOM & TOP RAILS W/30" SILT FENCE & 8' HIGH SCREEN		INSTALL PLYWOOD BARRIER ON EXTERIOR WALL WITH 3/4" CDX PLYWOOD ON 3 5/8" METAL STUDS @ 16" O.C. WITH TWO LAYERS OF 5/8" TYPE "X" GYPSUM BOARD, TAPE & COMPOUND WITH CAULKING AT THE PERIMETER, GYP. BOARD TO BE PAINTED.		TEMPORARY DUST PROTECTION, PLASTIC CORRIDOR BARRIER WITH ZIPPER OPENING. GC WILL ALSO INSTALL PLASTIC BARRIERS AT DOORWAYS TO OFFICES AND CLASSROOMS WHERE NO WORK IS TAKING PLACE, AS DIRECTED BY CM.	
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			<div>TEMPORARY SIGNAGE NOTES</div> <div>TEMPORARY TRAFFIC SIGNAGE:</div> <div>PROVIDE TRAFFIC SIGNAGE DURING CONSTRUCTION WHERE REQUIRED TO IDENTIFY TRAFFIC FLOW AND PEDESTRIAN SAFETY. SIGNAGE TO INCLUDE BUT IS NOT LIMITED TO:</div> <div><ul style="list-style-type: none"><li>• "TRUCKS ENTERING AND EXITING"</li><li>• "ALL CONSTRUCTION VEHICLES MUST STOP AT THE GC TRAILER"</li><li>• "STOP"</li><li>• "DO NOT ENTER"</li><li>• "NO ENTRY BETWEEN _____ AND _____"</li></ul></div> <div>TEMPORARY PAVEMENT MARKINGS:</div> <div>PROVIDE PAVEMENT MARKINGS AS REQUIRED FOR TRAFFIC FLOW. AFTER AND/OR REPLACE WHEN NECESSARY.</div>																			
			<div>SOIL STOCKPILING</div> <div>NOT TO SCALE</div>																			
			<div>PERSPECTIVE DETAIL</div>																			
			<div>CROSS SECTION</div>																			
			<div>CONSTRUCTION NOTES FOR FABRICATED SILT FENCE</div> <div>1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.</div> <div>2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.</div> <div>3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPED BY SIX INCHES AND FOLDED.</div> <div>4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.</div> <div>5. POST: STEEL EITHER "T" OR "U" TYPE OR 2" HARDWOOD</div> <div>6. FENCE: WOVEN WIRE, 14.5 GAUGE, 6" MAXIMUM MESH OPENING FILTER</div> <div>7. CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL</div> <div>8. PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.</div>																			
			<div>SILT FENCE DETAIL</div> <div>NOT TO SCALE</div> <div>REPRODUCED FROM NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL</div>																			
			<div>REFER TO CIVIL DRAWINGS FOR TREE PROTECTION</div>																			

KEY PLAN		
Architecture. Planning. Interiors		
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Transforming Education by Design		
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Structural Engineer ODEH ENGINEERS 1223 Mineral Spring Ave North Providence, RI 02904 401-724-1771		
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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#: 6618-0001-0001-024		
PROJECT		
Rye City Schools		
555 Theodore Fremd Ave, Rye, NY 10580		
Osborn Elementary School		
10 Osborn Road, Rye NY 10580		
Drawn By: AA		
Checked By: RF		
Scale:		
Date: 08/10/2021		
CONSTRUCTION IMPLEMENTATION PLAN - GENERAL NOTES & MILESTONE SCHEDULES		
SEAL & SIGNATURE		
DATE: 08/10/2021		
PROJECT No:		
DRAWING BY:		
CHK BY:		
DWG No:		
CIP-01		
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SED#: 6618-0001-0001-024

PROJECT

Rye City Schools  
555 Theodore Fremd Ave, Rye, NY 10580

Osborn Elementary School

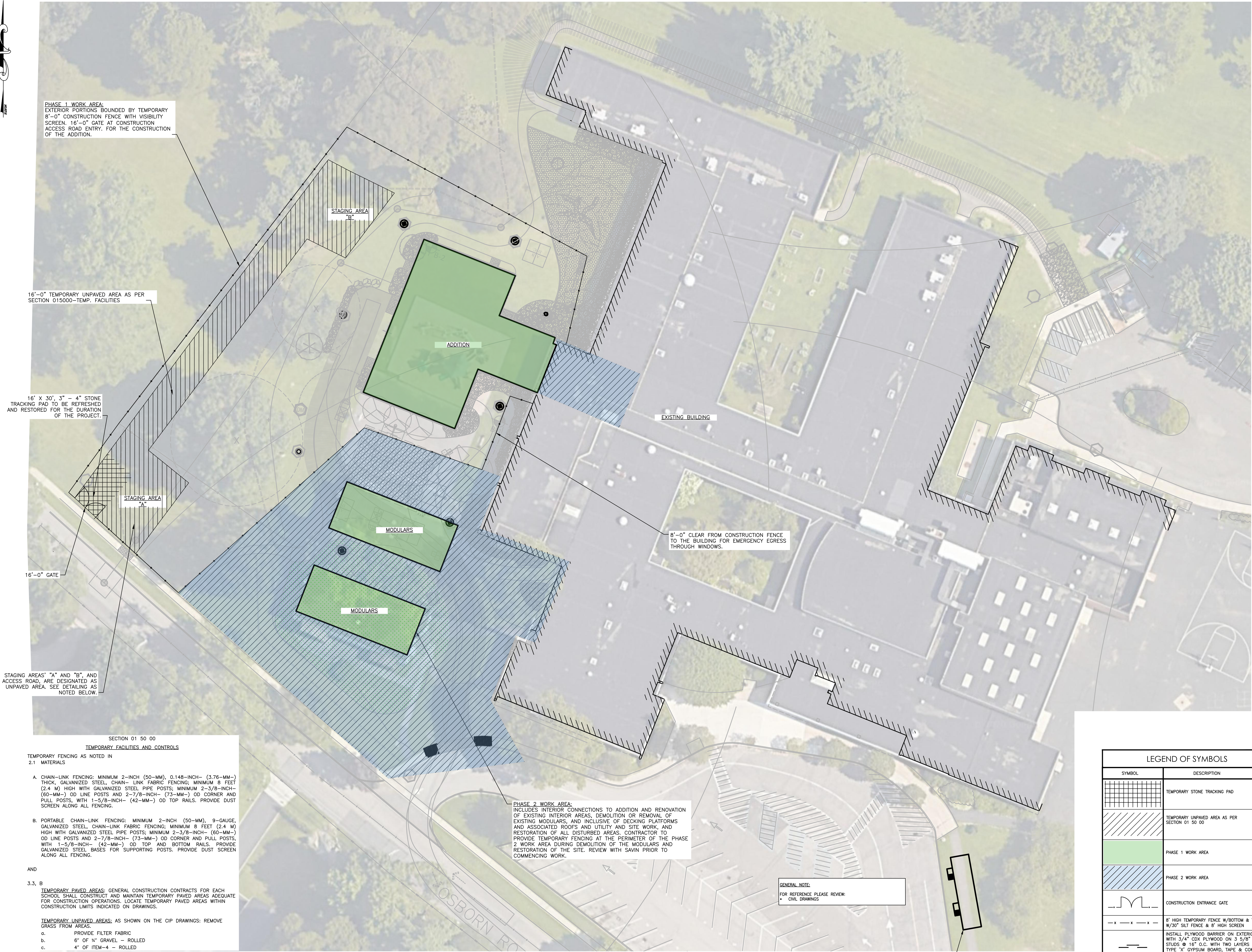
10 Osborn Road, Rye NY 10580

Drawn By: AA  
Checked By: RF  
Scale: Date: 08/10/2021

CONSTRUCTION IMPLEMENTATION PLAN - GENERAL NOTES & MILESTONE SCHEDULES

SEAL & SIGNATURE  
DATE: 08/10/2021  
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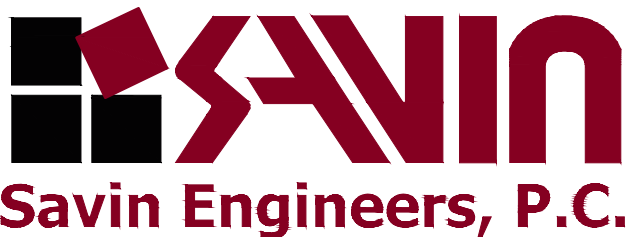
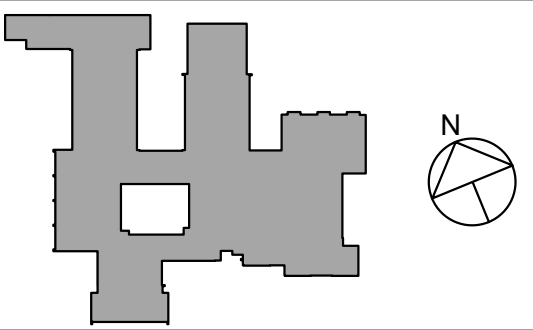


## CONSTRUCTION IMPLEMENTATION PLAN - SITE PLAN

SCALE: N.T.S.

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	9/15/2020
2	ISSUED FOR BID	8/10/2021

### KEY PLAN



### Geddis Architects

Architecture. Planning. Interiors

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### PROJECT

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Osborn Elementary School

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Drawn By: AA Checked By: RF

Scale: Date: 08/10/2021

### CONSTRUCTION IMPLEMENTATION PLAN - EXISTING CONDITIONS & DEMOLITION PLAN

SEAL & SIGNATURE DATE: 08/10/2021

PROJECT No:

DRAWING BY:

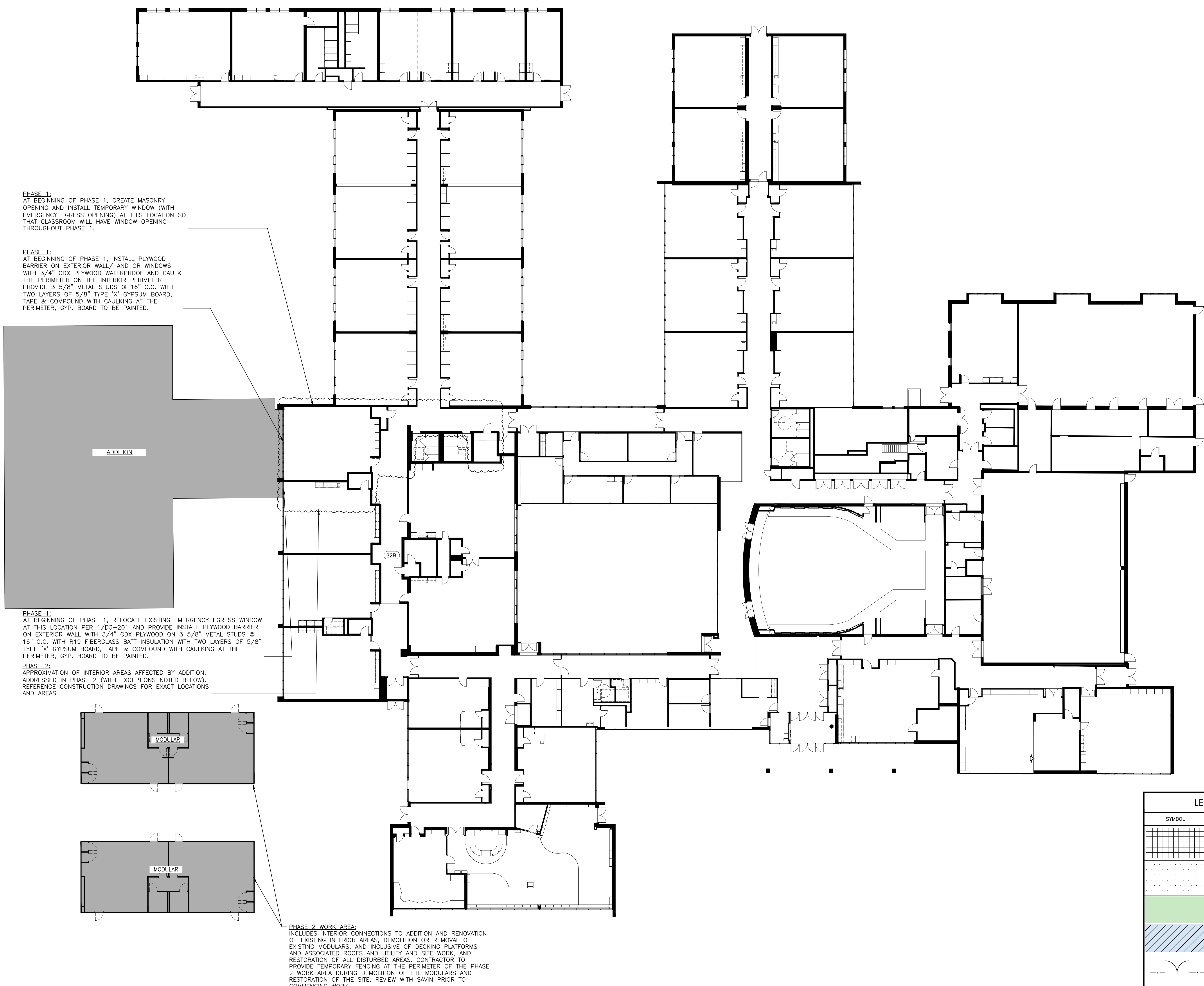
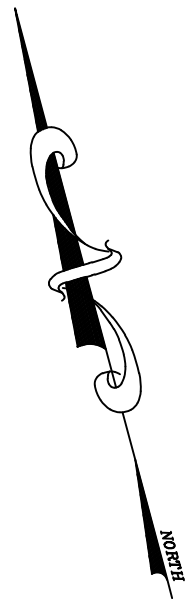
CHK BY:

DWG No:

CIP-02

08/10/2021\_CIP-02.dwg





PHASE 1:  
AT BEGINNING OF PHASE 1, CREATE MASONRY  
OPENING AND INSTALL TEMPORARY WINDOW (WITH  
EMERGENCY EGRESS OPENING) AT THIS LOCATION SO  
THAT CLASSROOM WILL HAVE WINDOW OPENING  
THROUGHOUT PHASE 1.

PHASE 1:  
AT BEGINNING OF PHASE 1, INSTALL PLYWOOD  
BARRIER ON EXTERIOR WALL/ AND/OR WINDOWS  
WITH 3/4" CDX PLYWOOD WATERPROOF AND CAULK  
THE PERIMETER ON THE INTERIOR PERIMETER  
PROVIDE 3 5/8" METAL STUDS @ 16" O.C. WITH  
TWO LAYERS OF 5/8" TYPE "X" GYPSUM BOARD,  
TAPE & COMPOUND WITH CAULKING AT THE  
PERIMETER, GYP. BOARD TO BE PAINTED.

PHASE 1:  
AT BEGINNING OF PHASE 1, RELOCATE EXISTING EGRESS WINDOW  
AT THIS LOCATION PER 1/D3-201 AND PROVIDE INSTALL PLYWOOD BARRIER  
ON EXTERIOR WALL WITH 3/4" CDX PLYWOOD ON 3 5/8" METAL STUDS @  
16" O.C. WITH R19 FIBERGLASS BATT INSULATION WITH TWO LAYERS OF 5/8"  
TYPE "X" GYPSUM BOARD, TAPE & COMPOUND WITH CAULKING AT THE  
PERIMETER, GYP. BOARD TO BE PAINTED.

PHASE 2:  
APPROXIMATION OF INTERIOR AREAS AFFECTED BY ADDITION,  
ADDRESSED IN PHASE 2 (WITH EXCEPTIONS NOTED BELOW).  
REFERENCE CONSTRUCTION DRAWINGS FOR EXACT LOCATIONS  
AND AREAS.

PHASE 2 WORK AREA:  
INCLUDES INTERIOR CONNECTIONS TO ADDITION AND RENOVATION  
OF EXISTING INTERIOR AREAS, DEMOLITION OR REMOVAL OF  
EXISTING MODULARS, AND INCLUSIVE OF DECKING PLATFORMS  
AND ASSOCIATED ROOFS AND UTILITY AND SITE WORK, AND  
RESTORATION OF ALL DISTURBED AREAS. CONTRACTOR TO  
PROVIDE TEMPORARY FENCING AT THE PERIMETER OF THE PHASE  
2 WORK AREA DURING DEMOLITION OF THE MODULARS AND  
RESTORATION OF THE SITE. REVIEW WITH SAVIN PRIOR TO  
COMMENCING WORK.

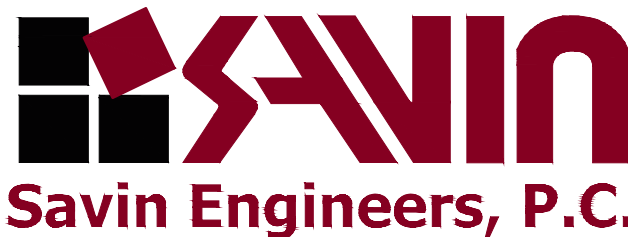
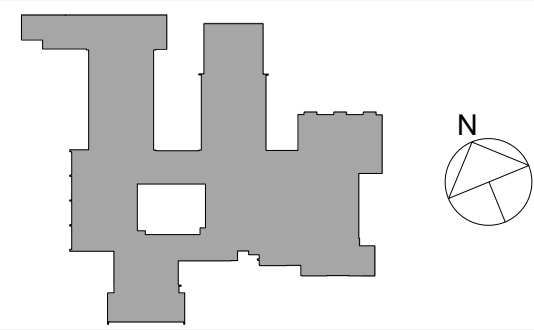
CONSTRUCTION IMPLEMENTATION PLAN - ROOF PLAN

SCALE: N.T.S.

LEGEND OF SYMBOLS	
SYMBOL	DESCRIPTION
	TEMPORARY STONE TRACKING PAD
	PROPOSED STAGING AREAS AS INDICATED ON PLANS.
	PHASE 1 WORK AREA
	PHASE 2 WORK AREA
	CONSTRUCTION ENTRANCE GATE
	8" HIGH TEMPORARY FENCE W/BOTTOM & TOP RAILS W/30" SILT FENCE & 8" HIGH SCREEN
	INSTALL PLYWOOD BARRIER ON EXTERIOR WALL WITH 3/4" CDX PLYWOOD ON 3 5/8" METAL STUDS @ 16" O.C. WITH TWO LAYERS OF 5/8" TYPE "X" GYPSUM BOARD, TAPE & COMPOUND WITH CAULKING AT THE PERIMETER, GYP. BOARD TO BE PAINTED.
	TEMPORARY DUST PROTECTION: PLASTIC WITH ZIPPER OPENING

Revision Schedule		
No.	Description	Date
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KEY PLAN



Geddis  
Architects

Architecture. Planning. Interiors

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Drawn By: AA Checked By: RF  
Scale: Date: MMDD/YYYY

CONSTRUCTION IMPLEMENTATION  
PLAN - FIRST FLOOR &  
ROOF PLANS

SEAL & SIGNATURE DATE: 08/10/2021

PROJECT No:

DRAWING BY:

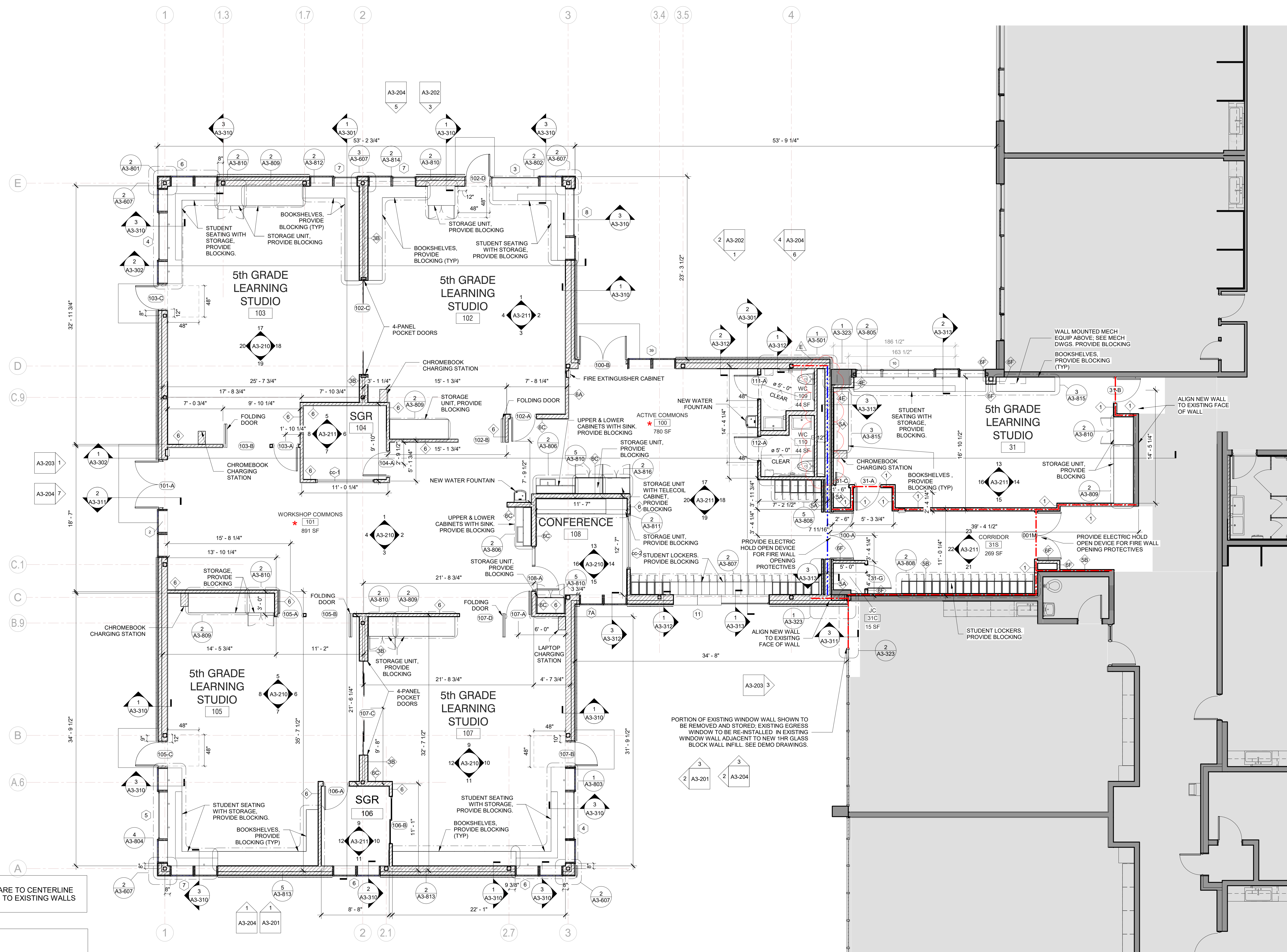
CHK BY:

DWG No:

CIP-03

080809\_CIP-03.dwg





NOTE ALL CORRIDOR LOCKERS ARE TO BE FIRE-RETARDANT

**GENERAL NOTE:**  
ALL DIMENSIONS TO NEW WALLS ARE TO CENTERLINE OF WALL STUDS. ALL DIMENSIONS TO EXISTING WALLS ARE TO FACE OF WALL.

#### LEGEND

- NEW 1-HR RATED FIRE PARTITION
- EXISTING 1-HR RATED FIRE PARTITION
- NEW 2-HR RATED FIRE BARRIER
- EXISTING 2-HR RATED FIRE BARRIER
- NEW 2-HR RATED FIRE WALL
- EXISTING 2-HR RATED FIRE WALL

NOTE: SEE DRAWING A3-300 FOR WALL TYPES

#### STEAM NOTE

- \* THE ACTIVE COMMONS AND WORKSHOP COMMONS ARE INTENDED TO BE USED FOR STEAM RELATED ACTIVITIES. THE LAYOUT ALLOWS FOR DIRECT ACCESS FROM THE COMMONS SPACES FROM THE 4 ADJACENT NEW CLASSROOMS.

#### 1 Addition Floor Plan

SCALE: 3/16" = 1'-0"

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	Additions - SED Addendum #1	4/12/2021
10	Addition Pre-Bidding - Rev C	Date 30
C	Additions - SED Addendum #3	6/28/2021
D	ADDITIONS: ISSUED FOR BID	8/10/2021
E	Phase 3: BID ADDENDUM #1	8/16/2021

**Geddis Architects**

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**Acoustic Consultant**  
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401-861-3218

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

SED#: 6618-0001-0001-024

#### PROJECT

Rye City Schools  
555 Theodore Fremd Ave, Rye, NY 10580  
Osborn Elementary School

10 Osborn Road, Rye NY 10580

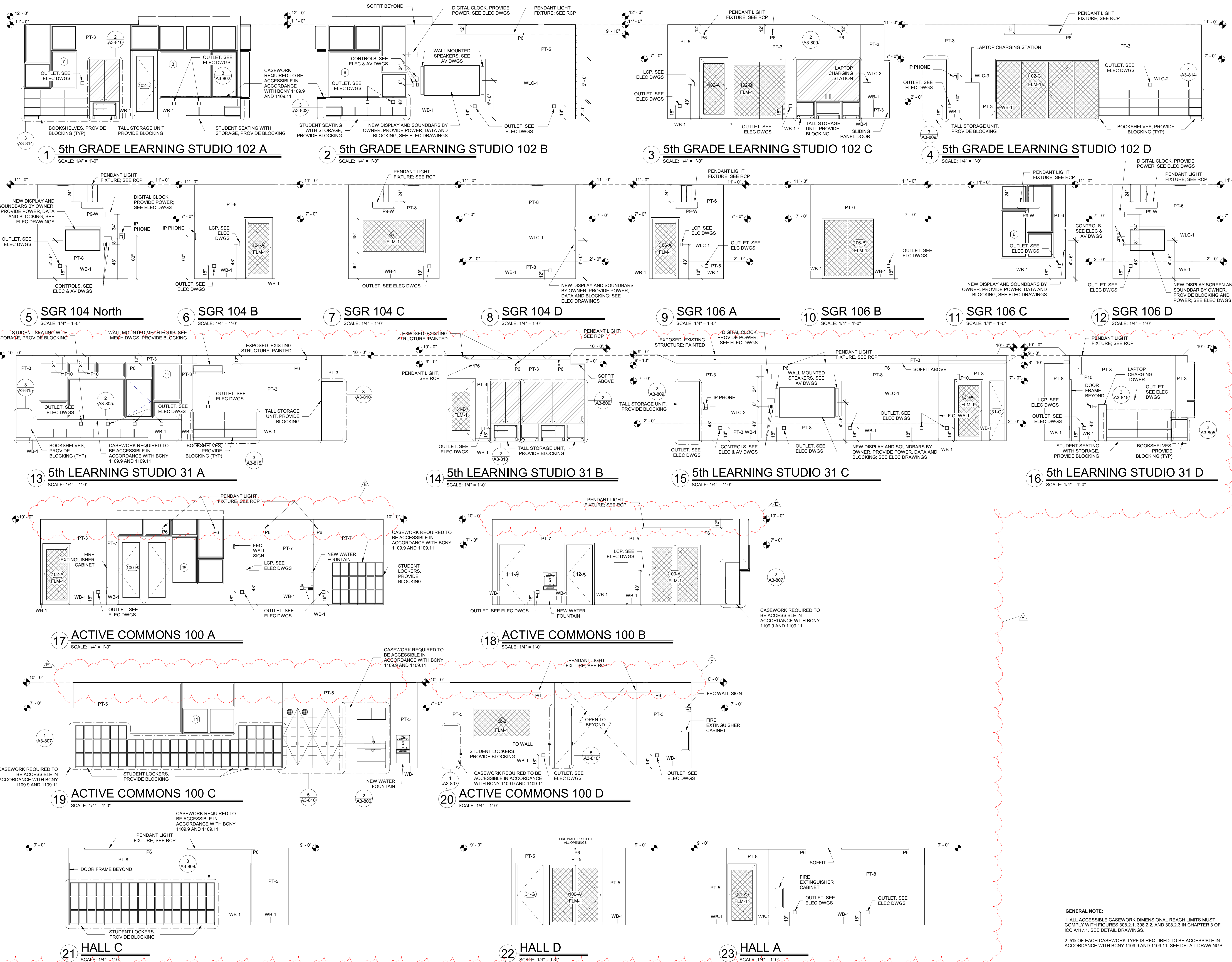
#### ADDITION FLOOR PLAN

Approver

SEAL & SIGNATURE DATE: 02/12/20  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A3-120

OSBORN PHASE 3 KEY PLAN  
1" = 80'





Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
B	Additions - SED Addendum #1	4/12/2021
10	Addition Pre-Bidding - Rev C	Date 30
D	ADDITIONS: ISSUED FOR BID	8/10/2021
E	Phase 3: BID ADDENDUM #1	8/16/2021

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SED#: 6618-0001-0001-024

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

INTERIOR ELEVATIONS - ADDITION  
Approver  
SEAL & SIGNATURE DATE: 04/10/20  
PROJECT No: 9200  
DRAWING BY: Author  
CHK BY: Checker  
DWG No: A3-211

GENERAL NOTE:  
1. ALL ACCESSIBLE CASEWORK DIMENSIONAL REACH LIMITS MUST COMPLY WITH FIGURES 308.2.1, 308.2.2, AND 308.2.3 IN CHAPTER 3 OF ICC A117.1. SEE DETAIL DRAWINGS.  
2. 5% OF EACH CASEWORK TYPE IS REQUIRED TO BE ACCESSIBLE IN ACCORDANCE WITH BCNY 1109.9 AND 1109.11. SEE DETAIL DRAWINGS



## **SECTION 274116**

### **INTEGRATED AUDIOVISUAL SYSTEMS**

#### **PART 1 - GENERAL**

##### **1.1 General Provisions**

- A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 01 - GENERAL REQUIREMENTS which are hereby made a part of this Section of the Specifications.
- B. Examine all other Sections of the Specifications for requirements that affect work of this Section whether or not such work is specifically mentioned in this Section.
- C. Coordinate work with that of all other trades affecting, or affected by work of this Section. Cooperate with such trades to assure the steady progress of all work under the Contract.
- D. Throughout this specification, the term "Contractor" shall refer to the Audiovisual Systems Contractor unless otherwise indicated.

##### **1.2 Examination Of Site And Documents**

- A. Bidders are expected to examine and to be thoroughly familiar with all contract documents and with the conditions under which work will be carried out. The Awarding Authority (Owner) will not be responsible for errors, omissions and/or charges for extra work arising from General Contractor's or Trade Contractor's failure to familiarize themselves with the Contract Documents or existing conditions. By submitting a bid, the Bidder agrees and warrants that he has had the opportunity to examine the site and the Contract Documents, that they are familiar with the conditions and requirements of both and where they require, in any part of the work a given result to be produced, that the Contract Documents are adequate and that he will produce the required results.

##### **1.3 DOCUMENTS**

- A. Refer to audiovisual system drawings, appendix, and the project construction drawings for information related to the work specified herein.
- B. Audiovisual system documents include this printed specification plus the following drawings:
  - 1. AVE series drawings

#### 1.4 RELATED DOCUMENTS

- A. Drawings, General Conditions of the Contract, and Division 1 General Requirements apply to the work of this Section. Examine referenced documents for requirements affecting the work.
- B. Examine all other Sections of the specifications and all other drawings for requirements which affect work under this Section, whether or not such work is specifically mentioned in this Section.

#### 1.5 Related Work Specified Elsewhere

- A. Carefully examine all of the Contract Documents for requirements which affect the Work of this Section.

#### 1.6 SCOPE OF WORK

- A. Provide all equipment outlined herein and assemble it into one complete functioning system, as described by the applicable paragraphs of this Section and as shown on the drawings. Assume responsibility for providing and installing systems that meet the performance requirements stated.
- B. The plans, specifications, and other Contract Documents are to be considered together and are intended to be mutually complementary, so that any work shown on the plans though not specified in the specifications, and any work specified in the specifications though not shown on the plans, is to be executed by the Contractor as a part of this contract. Should a conflict occur in or between or among any parts of the Contract Documents that are entitled to equal preference, the better quality or greater quantity shall govern, unless the Owner's authorized representative directs otherwise. Figured dimensions shall take precedence over scaled dimensions.
- C. To meet these performance requirements:
  - 1. Furnish all equipment, including any items not specified but required to provide a completed system. Verify the completeness of equipment listed in this Section and the correctness of type numbers.
  - 2. Use all equipment specified in the manner specified. Clarify any misunderstandings prior to bid submission, and offer alternates as appropriate.
  - 3. Verify each component's conformance with its manufacturer's published specifications and other requirements as stated in this Section.
  - 4. Check in detail each item of equipment provided, each portion of the installation, and the complete installation to ensure that the intent of this Section is achieved.
- D. The work includes, but is not limited to, the following:
  - 1. Submission of shop drawings prior to fabrication

2. Verification of dimensions and conditions at the job site
3. Installation in accordance with these specifications, manufacturer's recommendations, and all applicable code requirements
4. Setup and adjustment of signal processing, system tests and adjustments, written report, demonstration for approval, participation in acceptance tests, and final adjustments as required
5. Programming and documenting of all software controlled devices including initial setup of presets in all devices
6. Coordination with the Electrical contractor
7. Coordination with the Lighting contractor
8. Coordination with the Fire Alarm Systems Contractor
9. Coordination with Tel/Data Contractor and other Low Voltage Contractors
10. Coordination with Owner's Audio-Visual Personnel
11. Coordination with the Owner's IT department and installers
12. Performance standards, without claim for additional payment
13. System documentation
14. Instruction of Owner's operating personnel
15. Maintenance services for one year
16. Warranty

#### 1.7 SUBSTITUTIONS

- A. Furnish explanation of any suggested substitute equipment or methods, identifying the impact on equipment, installation, and change in overall price. State the system price as specified, and any change in price due to this substitution. State clearly the benefit offered by this substitution. Provide manufacturer's specifications or other descriptive literature as appropriate. If requested, make samples available, at no cost to the Owner.

#### 1.8 EXISTING CONDITIONS

- A. Verify all existing conditions. Refer to the Owner for coordination and clarification before the bid date of any discrepancies concerning existing conditions, drawings, and specifications. Clarify with the Owner all locations including conduit and cable routings. Where discrepancies occur and pre-bid instructions have not been obtained, abide by the Owner's decision.
- B. Provide all additional conduit and cable required for the installation. Refer to drawings of other Sections for identification of conduit and cable provided by other trades.
- C. Comply with all requirements regarding the proper installation of equipment for seismic considerations. It is the responsibility of the Contractor to employ installation methods that are in compliance with all applicable building codes of the authority(ies) having jurisdiction.

## 1.9 FEES, PERMITS, AND NOTICES

- A. Perform all work in compliance with all applicable requirements of the authority(ies) having jurisdiction. Take out and maintain all construction permits, pay all fees, and file all notices, all at no additional cost to the Owner.
- B. Where mounting or rigging systems require the design or design approval of a licensed Structural Engineer, pay all associated fees and expenses. Make no claim for additional payment.

## 1.10 MATERIAL AND EQUIPMENT

- A. Provide materials and equipment conforming to the applicable requirements of:
  - 1. Underwriter's Laboratories
  - 2. National Electrical Code
  - 3. American National Standards Institute
  - 4. Federal Communications Commission
- B. References shall meet the latest edition of that standard.
- C. Provide materials and equipment new and free from use, and covered by the applicable manufacturer's warranty.
- D. Notify the Owner if, in the Contractor's opinion, superior performance can be obtained from alternate materials or equipment from that identified in this specification.
- E. Certain items of equipment are specified by manufacturers' type numbers to indicate an acceptable standard of quality and performance. Substitutions of equal equipment beyond the alternatives listed will be permitted only if such equipment is listed in an addendum to this specification. Address requests for listing of substitutions to the Architect. With any request for substitution, include measured data proving the equivalence of the proposed substitute in quality and performance. The Architect shall be the final judge of the validity of the data submitted.
- F. Provide only current-model materials and equipment. Do not provide obsolete or discontinued models unless specifically directed to do so in the Equipment section of this Section. Review all materials and equipment immediately prior to installation, and inform the Owner's authorized representative of any obsolete or discontinued items.

#### 1.11 DELIVERY, STORAGE AND HANDLING

- A. All equipment shall be appropriately packed for shipment.
- B. All shipping costs to the job site are the responsibility of the Audiovisual Contractor. Determination of the shipping method and company is the responsibility of the Audiovisual Contractor in order to meet the published project schedule.
- C. Completed systems shall be shipped FOB inside and in place.
- D. Note that drop shipment of equipment to the Owner's site directly from the manufacturer, or other supplier will not be allowed.
- E. Upon delivery all materials shall be stored under cover in a clean and dry location. Materials which are damaged during shipping, storage or handling or are otherwise not suitable for installation shall be removed from the job site and replaced, at no additional cost to the Project, with acceptable materials.

#### 1.12 CLEANUP AND TRASH DISPOSAL

- A. Maintain a clean and safe working area free from debris and waste materials. Clean work areas daily.
- B. Except for items to be reused or returned to the Owner, or as otherwise directed, remove trash and packing materials from the jobsite, and dispose of offsite in a legal manner. Do not allow trash to accumulate at the jobsite.

#### 1.13 SUBMITTALS

- A. Submittal Format. Unless directed otherwise, provide submittals electronically in PDF format. Provide documents in full size and suitable for printing by the reviewer. Clearly identify each document within its file name.
- B. Equipment List. Before ordering equipment or beginning work, submit to the Owner's authorized representative for approval a detailed list showing quantities and manufacturer and model number for items of equipment to be used in assembling these systems, including all items of equipment, accessories, and installation materials specified herein. For each item, indicate quantity to be employed within each room or subsystem, and total quantity. Provide this list not later than 30 calendar days after execution of the contract. With this list, provide a statement of assurance that the system design has been reviewed in its entirety, and that the Equipment List defines all equipment and materials necessary for the project.
- C. Product Literature. With the equipment list, attach product literature for all items of equipment submitted, identifying the function, connections, weight,



dimensions, mounting method, electrical and cooling requirements, and other descriptive information for each item, and including a color photograph. Where literature serves more than one item (e.g. varying sizes, finishes, channel counts, etc.), mark to indicate intended item. Order these data sheets alphabetically by manufacturer or in sequence as the referenced equipment appears in the specification. Do not organize by space where the referenced equipment is employed. Provide manufacturers' published data sheets; do not provide third-party catalog pages or HTML pages.

- D. Shop Drawings. Submit the following items for approval by the Owner's authorized representative before starting work. Provide full-size drawings, with text size not smaller than 10-point when printed at full scale.
  - 1. Drawings showing locations and mounting methods for all wall and ceiling mounted equipment. Show geometry of any projection systems.
  - 2. Drawings showing fabrication details of custom millwork and metalwork items,
  - 3. Drawings of rack and other equipment elevations.
- E. Report of Post-Completion Tests. Prepare a report on the post-completion tests defined in this section identifying the failure of any subsystems to perform as required in this Section.
- F. System Documentation. Submit a draft of the final system documentation for approval prior to its publication. Provide draft copies of all items on-site for inspection during the demonstration and acceptance testing of the system; submit final copies thereafter.
- G. Training Materials. Submit a draft outline of the training program and preliminary copies of any materials to be distributed during the program.
- H. Acceptance Test. Submit a draft of the final system acceptance test for approval prior to its performance.

## PART 2 - EQUIPMENT

### 2.1 Installation Components

#### A. Ceiling Mounted Equipment Rack

1. Provide Ceiling mounted Equipment Rack complete with power and additional mounting kit. Provide 4RU Ceiling Rack
  - a. FSR CB-224S with strut hangers as needed
  - b. Atlas IED equal
  - c. Chief CMS492 equal
  - 1) Quantity: As Shown on drawings

#### B. Flat Panel Display Storage Box and Mount

1. Provide flat panel display mount, storage box and complete integrated system. Provide system capable of fitting between standard studs without horizontal brace. Provide mount rated for 350 lbs and that supports standard VESA mounting patterns through pull-out mount. Provide with internal box space of 24 inches x 20 inches and minimum of 3.75" depth. Provide with 8 Single gang box knockout s. Provide system capable of supporting an additional 10 inch x 7 inches capacity underneath the display for optional auxiliary equipment.
  - a. RP Visual Wallmate 32 Max
  - b. Advanced Mounting and Design Custom Colossal Self Supported
  - c. Custom Display Solutions Custom
  - 1) Quantity: As Shown on Drawings



## PART 3 - EXECUTION

### 3.1 SYSTEM INSTALLATION

- A. Supply racks, wire, conduits, and raceways required to provide a complete system. Unless specifically instructed to the contrary, install all system wiring in steel conduit. Do not exceed 30% fill in conduits. Insulate all conduit from the equipment rack(s); connect conduits mechanically and electrically to the system ground point. Coordinate with the Owner and the Owner's authorized representative.
- B. Use separate wiring pathways for microphone-level circuits (below -20 dBm), video and line-level audio circuits (up to +30 dBm), loudspeaker circuits (above +30 dBm), control circuits, and power circuits. Space all low-voltage pathways far from power circuits per conduit separation distances table shown on drawings.
- C. Secure equipment firmly in place, including projectors, control panels, loudspeakers, conduit, amplifiers, racks, cables, etc. For all overhead mounted devices, provide secondary attachment to provide support in case of failure of primary support. Make fastenings and supports adequate to support their loads with a safety factor of at least three.
- D. Assemble and install equipment racks to permit access to connections and adjustments on rear of rack mounted components and to permit removal of components for servicing. For any components which, for purposes of adjustment or calibration, must be removed from an equipment rack while in use, provide adequate service loops in all connecting cables.
- E. Install work neatly, with boxes, equipment, etc. plumb and square.
- F. Install the system in cooperation with other trades in order to achieve coordinated progress and satisfactory final results. Watch for conflicts with work of other trades on the job. Execute, without claim for extra payment, moderate moves or changes as are necessary to accommodate other equipment or preserve symmetry and a pleasing appearance.
- G. Install all equipment to provide safe operation.
- H. Provide ventilation as required to maintain equipment within the manufacturer's specified temperature limits.
- I. Field verify all junction box sizes prior to fabricating cover plates. Except where specifically dimensioned, control and connection plate layouts shown on drawings are not scaled. Size plates as necessary to hide joints and gaps between backboxes and surrounding wall.

- J. Where cover plates are not fitted with connectors, provide bushed hole(s) through cover plate in sizes and quantities required. Do not allow cables to enter or exit boxes without cover plates installed.
- K. For all A/V connections provide receptacle plates and panels consistent with architectural specifications. Prior to installation submit to the Architect for approval samples of proposed plates, receptacles, and panels.
- L. Provide steel blank and vent panels on all equipment racks to fill any unused rack spaces, per industry best practices for optimizing airflow. Use panels with factory-applied finishes to match the color of the rack itself unless otherwise directed by the Owner's authorized representative.
- M. Save all unused products accessories and turn over to Owner at checkout.

### 3.2 PROTECTION AND REPAIR OF EXISTING FINISHES AND STRUCTURES

- A. Cut and patch all holes required for this installation.
- B. Make good all materials and finishes cut into or damaged during installation.
- C. Maintain clean and safe working conditions. Clean the premises where dirtied, and clean all equipment, removing all dirt, dust, stains, and fingerprints. The Contractor is liable for any damage caused by his employees and subcontractors to the property of others.

### 3.3 ~~DEMONSTRATION AND ACCEPTANCE TESTING~~

- ~~A. Conduct tests to establish to the satisfaction of the Owner and the Owner's authorized representative that the system performs as required. Before beginning the acceptance testing, have reasonable assurance that such testing shall produce satisfactory results. Conduct testing in the presence of the Owner's authorized representative as well as the Owner, Architect, and General Contractor at their option, at a time mutually agreed to by all parties.~~
- ~~B. Under the direction of the Owner's authorized representative, conduct tests as outlined below. Furnish any and all equipment and media necessary to perform these tests, and furnish evidence of proper calibration of all test equipment. Provide technical staff (system programmer, DSP programmer) to assist.~~
  - ~~1. System Performance Tests. Conduct spot checks of system performance to ensure performance requirements (Paragraph **Error! Reference source not found.** of this Section) are met. Perform such tests as necessary to establish confidence that spot test results are representative of system performance as a whole.~~
  - ~~2. Operating Tests. Include tests to verify that system functional requirements (Paragraph **Error! Reference source not found.** of this Section) are met, and that user controls operate properly.~~



3. ~~Equipment Tests. Confirm the proper functioning of significant equipment items, and confirm required system control over these items.~~
  4. ~~Final Adjustments. Make control adjustments as directed by the Owner's authorized representative. Provide covers, caps, or shaft locks for controls not used in system operations. Make a record of these control settings for inclusion with the final documentation.~~
  5. ~~Listening and Viewing Tests. Include subjective evaluations by persons listening and viewing from various positions under various operating conditions. Conduct such tests to verify system functioning under normal operating conditions.~~
- C. ~~If the need for adjustment or modification becomes evident during testing, either continue testing, or interrupt testing to permit corrective action, as directed by the Owner's authorized representative. Perform retesting following any corrective action to the extent directed by the Owner's authorized representative.~~
- D. ~~In addition to Contractor-directed testing, assist as required with specific testing as conducted by the Owner's authorized representative.~~

END OF SECTION 274116

# Rye City School District – Additions and Interior & Exterior Renovations at Osborn School and Midland School – Pre-Bid Request for Information

## Request for Information

### Contractor RFI No.

DATE:
RFI RE: CONTRACT No.

REQUEST			
Subject/Title:			
Date Response Needed:			
Attachment:		Diagram No.	
Reference Drawing No.	Spec No.	Details:	
<b>Question:</b>			
By:		Date:	

RESPONSE	
Reference Attached	Sketch No.
<b>Response:</b>	
By:	Date:

*Rye City School District  
Osborn Elementary School,  
Midland Elementary School*