

SECTION 00 9117
ADDENDUM NUMBER 7

DATE: August 23, 2016

TO: PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated **July 1, 2016**, with amendments and additions noted below. Where addendum items below modify a portion of the Bid Documents, the remainder of the Bid Document remains unchanged.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

This addendum consists of **8** page(s), in addition to the following document(s):

- A. RFI Log, dated 8/23/2016 (1 page).
- B. RSMP Phase 1 SBE Firm Names
- C. Section 00 4116 – Bid Form
- D. Section 00 4322 – Unit Prices
- E. Section 06 1600 - Cellulose Fiber Structural Panels
- F. Sketches:
 - ADD7-S-01 First Floor Key Plan
 - ADD7-S-02 Typ. Joist Reinf. @ Supported Wall
 - ADD7-S-03 Section @ Wood Sleeper System Replacement
 - ADDSK-A-13 Typical Transition Details
 - ADDSK-A-14 Typical Terrazzo Infill Detail
 - ADDSK-A-15 Typical Joist Reinforcement Detail at Wall
 - ADDSK-A-16 Hoistway Roof Details
 - ADD7-M01 Classroom 106 Return Duct Plan
 - ADD7-M02 Corr. BC-3A Ventilation Plan
- G. Drawings:
 - A410 First Floor Reflected Ceiling Plan

CHANGES TO ADDENDUM NO. 3

- A. Revise the smoke damper work indicated on addendum #3, drawing E133 to be on drawing E133FA Quadrant B First Floor Plan Fire System.

CHANGES TO THE PROJECT MANUAL

00 4116 BID FORM:

REPLACE the **Bid Form** in the Specifications Manual with the attached revised **Bid Form**.

00 4321 ALLOWANCES:

1. **ADD GC ALLOWANCE No. 9 – UTILITY COST ALLOWANCE** in the amount of **\$120,000.00**

- A. This Allowance is to be used for project utility usage fees and charges after January 1, 2017. The Phase 1B project will cover the utility usage fees through December 31, 2016.
- B. The Owner will pay all utility company usage fees and charges for service as part of Contract using this allowance. This allowance shall be dedicated to and used for the payment of fees required and invoiced by RG&E. Any unused portion of this allowance shall be credited back to the Owner through the Change Order process outlined in the Contract Documents.

00 4322 UNIT PRICES:

1. REPLACE the Unit Prices section in the Specifications Manual with the attached revised Unit Prices section.

00 4323 ALTERNATES:

1. **ADD Part 3.9 ALTERNATE NO. GC-07 - REPAIR/REFINISH EXISTING TERRAZZO**
 - B. The work of this Alternate pertains to providing the crack repair and the refinishing of all existing terrazzo areas and locations as referenced by General Floor Plan Note 17 on drawing A100, and as specified in Section 09 6613.
 1. Include provisions for protection of existing and new adjacent construction, coordination with other surrounding work occurring simultaneously, and coordination of overall project schedule.
 - C. Reference Floor Plan drawings A101 through A119 inclusive, and other related drawings, existing conditions, and Specification Section 09 6613 – Terrazzo Flooring, and other related Sections.

01 1200 MULTIPLE CONTRACT SUMMARY:

1. **ADD** the Following Specifications Section to Section 2.0 A part 1 on page 11:
"06 1600 CELLULOSE FIBER STRUCTURAL PANEL"
2. **DELETE** the Following Specifications Section from Section 2.0 C part 1 on page 20:
"26 2713 ELECTRIC SERVICE"

01 5000 TEMPORARY FACILITIES AND CONTROLS:

1. **REPLACE** Section 3.2 B Part 1 on page 8 with the following:
 - "1a. The Electrical Contractor (Contract No. 300) shall provide a 400A, 3 phase temporary service to the existing 'original' *Continental* 208v/3 phase service in the building, through 12/31/16. Provide all required wiring, 400A/3P circuit breakers, sub-panels and temporary pedestal power with four (4) 120v receptacles at each intersection, on each floor in the building.
 - 1b. Starting 1/1/17 the Electrical Contractor (Contract No. 300) is to provide all work to connect to existing 'newer' *Siemens* 208v/3 phase distribution section in Room 42. This shall include but is not limited to a new 400A/3 pole circuit breaker at 208v/3 phase distribution section mentioned above. Provide all required wiring, sub-panels and temporary pedestal power with four (4) 120v receptacles at each intersection, on each floor in the building.
 - 1c. The Electrical Contractor (Contract No. 300) shall provide and maintain temporary electric service at all building sites consisting of main power hook-up, power service to temporary field offices, staging areas, and work areas in new construction, additions and renovation areas, panel boards, switchboards, temporary lighting for site and renovations and new buildings, temporary ventilation, temporary equipment (other than temporary heating equipment), and branch circuit wiring. The electric service to School #15 is functional and also must be maintained throughout the course of the project. The staging

areas and building construction and renovation may require separate services. Temporary service shall be operational seven (7) days a week, 24 hours per day, maintained during all work periods, and shall comply with all codes and regulations. System shall be modified as required or as directed by the Construction Manager as work progresses.

- 1d. Exception: The Mechanical/HVAC Contractor (Contract No. 200) shall be responsible for electric power for temporary heat (also refer to Section 01 1200 Multiple Contract Summary)."
2. **ADD** the following language at the end of Section 3.2 E Part 1 on page 9:
"The temporary heating system for Monroe HS must be an indirect fired heating system. GC Allowance #9 will cover the fuel usage costs for the temporary heating system"

06 1600 CELLULOSE FIBER STRUCTURAL PANEL

- A. Add the attached specification section in its entirety.

09 2500 GYPSUM BOARD

- A. Add Article 2.8 as follows:
 - "2.8 VENEER PLASTER FINISH
 - A. Basis of Design: Gold Bond BRAND Kal-Kote Smooth Finish Plaster
 1. Physical Characteristics
 - a. Complies with requirements of ASTM C 587 Standard Specification for Gypsum Veneer Plaster
 - b. Finish: Smooth.
 2. Other Acceptable Manufacturer's
 - a. USG; Imperial Smooth Finish Plaster
 - b. National Gypsum; Kal-Kote Smooth Finish Plaster."

09 5120 ACOUSTICAL TILE CEILINGS

- A. Change "Acoustical Tile Panels:" of paragraph 2.1 B to read as follows:
"ACT-1 Acoustical Ceiling Panels:".

09 6520 RESILIENT TILE FLOORING

- A. Change "CTA-XX-C" of paragraph 2.4 C to read as follows:
"CD-XX (level floors) and CE-xx-C (different height floors)".
- B. Add paragraph 3.02 C 1 as follows:
 - "1. Follow manufacturer's published preparation procedures for applications of flooring over wood substrates.
 - a. Replace existing wood underlayment substrates not meeting manufacturer's published underlayment preparation requirements".

FINISH SCHEDULE

- A. Omit the reference to "See Note 4" from the Rubber Base column header from all pages of the Finish Schedule.
- B. Omit the last line of the Finish Schedule that reads "Room Finish Schedule Key Notes".

- C. Room 008: Omit "PT-2" in "Gypsum Board – Paint" column. All walls to be CMU.
- D. Room 44D: Remove existing carpet to expose concrete substrate.
- E. Stairs 2, 5, 8, and 9 (pages 8 and 9): Omit reference to new terrazzo floor. Terrazzo floor is existing.
- F. Rooms 400A through 400H inclusive: Omit reference to new Vinyl Composition Tile VCT-1 at each room.
- G. Room 231A: Change floor finish from Existing to Remain to VCT-1.
- H. Corridor 2C-3B: Omit corridor from schedule.

12 3553 PREMANUFACTURED CASEWORK

- A. Omit "laboratory" from paragraph 2.02 A.
- B. Add paragraph 2.02 a 5 as follows:
"All cabinets installed against a partition that conceals baseboard radiation shall have a removable back accessed from the interior of the cabinet".

23 8126.11 - DUCTLESS SPLIT SYSTEM AIR CONDITIONER

- A. Article 2.2, Paragraphs A and B - Revise the low point operating temperature from 0°F to -20°F.
- B. Article 2.3, Paragraph B - Revise the low point operating temperature from 0°F to -20°F.

262713 - ELECTRIC SERVICE

- A. Delete entire specification section.

CHANGES TO THE DRAWINGS

T001 - LEGENDS, ABBREVIATIONS, AND DRAWINGS INDEX

- A. All references to a specific drawing by its drawing number shall refer to the drawing with said number regardless of the varying drawing titles given. The following drawings have a drawing title different from that shown in drawing indices within the Bid Documents:
HMA115, A200, A205, A300, A304A, A344, A350, A354, A362, A391, A392, A393, A501, A502, A503, A600, A606, A607, A701, A702, A703, A801, A803, A850-A855

HMA 101 through HMA 116 – HAZARDOUS MATERIALS ABATEMENT PLANS

- A. Add the following to Asbestos Abatement Note 4 :
"Demo of cabinetry, lavatories, and other wall mounted elements which may abut ceramic wall tile system shall be conducted by a licensed asbestos Abatement contractor. Coordinate Removal with full drawing set."

SD101 – FIRST FLOOR DEMOLITION KEY PLAN

- A. Change detail reference within 12-line note that reads "9/D-500" to read 9/S500.

S011 – FIRST FLOOR KEY PLAN

- A. Reinforcement note revised where existing concrete joists support existing wall to remain. Refer to attached sketches ADD7-S-01, ADD7-S-02, and ADDSK-A-15.

D100 – BASEMENT DEMOLITION PLAN

- A. Remove existing door frames, in addition to doors already indicated to be removed, at the following door openings: BS-008/1, BS-009/1, BC-2A/1, 005/2, 005/3, 009/1, 017/1, 019/1, 021/1, 024A/1, and 024B/1. Each doors is scheduled to receive a new frame.

D102 – SECOND FLOOR DEMOLITION PLAN

- A. Remove casework complete from Storage Room 234.

A100 - NOTES

- A. Add General Demolition Plan Notes as follows:
 - “27. Casework indicated to remain, either graphically or otherwise, that rests on the existing wood sleeper flooring system that is indicated to be removed, shall be temporarily supported while existing floor is removed and until new floor system is installed.
 - 28. Remove the frames also, of doors that are (1) indicated to be removed and (2) that reside in walls that are also indicated to be removed.”

A401 – BASEMENT REFLECTED CEILING PLAN

- A. Change detail section tag 5/A361 to read “3/A361”.

A410 – FIRST FLOOR REFLECTED CEILING PLAN

- A. Replace drawing in its entirety with the drawing attached.

A801 – DOOR SCHEDULE

- A. Add General Door Note C as follows:
 - “C. Paint all hollow metal doors and frames.”

M113 - QUADRANT C BASEMENT FLOOR PLAN - HVAC

- A. Add the additional ventilation to Corridor BC-3A and revise the supply airflow rate to Boys Toilet as indicated on the attached sketch ADD7-M02.

M133 - QUADRANT D FIRST FLOOR PLAN - HVAC

- A. Add the return ductwork system to Classroom 106 as indicated on the attached sketch ADD7-M01.

M601 - SCHEDULES - HVAC

- A. Chilled Beam Induction Air Terminal Unit HW/CW - Add terminal CB-1-1-45, serving Classroom 110. The performance data shall match Chilled Beam Terminal 1-1-6 on the Existing Chilled Beam Induction Air Terminal Unit - HW/CW schedule.

PD110 – PATIAL SECOND FLOOR PLUMBING REMOVAL PLAN

- A. Omit removal work shown in Room 261.

ED112 - QUADRANT C BASEMENT FLOOR PLAN DEMOLITION

- A. Add demolition drawing note 9 to read as follows: Prior to relocation work and in addition to the work noted in demolition note 7, Provide temporary feeders as noted for all feeders noted in demolition note 7 to accommodate removal of the pool plunge. Relocation work shall take place after the pool plunge area is completely removed and new work has started. Refer to drawing E115 for new work layout and configuration. Coordinate all temporary and relocation work with GC and construction manager.
- B. Pool area: Add demolition note 9 next to demolition note 7.
- C. Demolition note 7: Add phrase "All relocated conduits and associated feeders shall be new." At the end of demolition note 7.

E115 - QUADRANT C BASEMENT FLOOR PLAN POWER AND SPECIAL SYSTEMS

- A. Storage 013, two (2) team rooms: Revise drawing note 6 at pull boxes to be note 7.
- B. Drawing note 6, starting with "Relocate" revise to be drawing note 7. Add phrase "All relocated conduits and associated feeders shall be new." At the end of note.

E130 - QUADRANT A FIRST FLOOR PLAN ELECTRICAL LIGHTING

- A. Corridor 1C-1: At six (6) existing display cases, replace existing lighting with type LED5 fixtures; three (3) fixtures per display case. Provide new branch circuiting. Connect to panel HPNLP-1A and adjacent corridor controls.
- B. Foyer 141 and vestibule V1: Provide additional branch circuiting and connect existing non-emergency lighting to 120/208v panel LPNGP-1A/1B/1C.
- C. Foyer 141: Provide additional branch circuiting and connect existing emergency lighting to 120/208v panel EMP B/4 (EMLS) panel in basement.
- D. Drawing note 9: Add phrase, "LED retrofit kits shall be universal voltage, 120/277v. Provide fixtures with photo cell."
- E. Exterior, just outside vestibule V1. Connect four (4) exterior fixtures with drawing note 9 to panel HPELP-LSBA.

E137 - QUADRANT D FIRST FLOOR PLAN POWER AND SPECIAL SYSTEMS

- A. Corridor just outside room 106: Relocate three (3) 1" conduits and one (1) 3/4" conduit and all associated branch circuiting inside the conduits to accommodate ductwork routing to room 106. Provide additional matching conduit/junction boxes/pull boxes and branch circuiting to extend and reconnect.

E301 - OVERALL BASEMENT FLOOR PLAN SECURITY

- A. Exterior door from Corridor BC-4B to exterior court #4: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work, drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- B. Exterior door from Corridor BC-2A to exterior court #3: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work, drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.

- C. Stage stair 014 to lift: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work, drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- D. Law 005: Add all requirements and power for ADA door at existing door into corridor BC-3C. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.

E302 - OVERALL FIRST FLOOR PLAN SECURITY

- A. Foyer 141: Add all requirements and power for ADA door at existing west doors in foyer into corridor 1C-1. Refer to ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- B. Corridor 1C-1: Add all requirements and power for ADA door at existing west doors into Auditorium. Refer to ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- C. Boys toilet 144: Add all requirements and power for ADA door at existing doors into toilet room. Refer to ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- D. Foyer 141: Add all requirements and power for ADA door at existing west doors in foyer into corridor main office 143. Refer to ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- E. Spec Ed 124: Add all requirements and power for ADA door into room. Refer to ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- F. General Science 7th 122: Add all requirements and power for ADA door into room. Refer to ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.

E303 - OVERALL SECOND FLOOR PLAN SECURITY

- A. Main library 241: Add all requirements and power for ADA door into room at the east door nearest multimedia classroom 245. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- B. Spec Ed 11th, Rm. 233: Add all requirements and power for ADA door at door into corridor. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.

E304 - OVERALL THIRD FLOOR PLAN SECURITY

- A. 9TH Classroom, Rm. 346: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.

- B. Biology 9th. 342: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- C. Art 343: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- D. Computer classroom 9th 331: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- E. 9th classroom 327: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- F. Biology 9th. 338: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- G. Girls Toilet. 336: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- H. Biology 9th. 339: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- I. Physics/Chem Lecture. 319: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- J. Chem Lab. 322: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- K. Earth Science 10th. 314: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.
- L. Girls Toilet 308:: Add all requirements and power for ADA door. Refer to drawing E302, ADA door work drawing notes 3, 4 and 5 for requirements for ADA doors. Connect to panel LPEGP-EQBC. Coordinate with GC and architect the location of the equipment and pushbuttons.

E117FA - QUADRANT D BASEMENT FLOOR PLAN FIRE SYSTEM

- A. Storage room 013E: Add smoke damper device onto south wall leading into corridor BC-3A.

END OF ADDENDUM NUMBER 7

**RSMP Phase 2A
James Monroe High School**

RFI LOG

8/23/16

Project Owner: Rochester City School District		Constr. Manager: Campus CMG		CJS Architects	Project No 1522
RFI #	Date Received	RFI SUBJECT	RFI REPSONSE		
70	08/09/16	Phase 1 HVAC contractor has brand new fin tube installed inches above the floors scheduled to be demo'd and reinstalled. There are also new chilled beams hanging in the ceiling space. Will the HVAC prime from phase 1 be responsible to super protect this new work from phase 2 work or will the phase 2 contractors be responsible to protect this new work, please advise. In addition to the above listed concerns, all new items in the ceiling space will be overcome with dust and dirt from phase 2 prescribed demo activities. It would make sense to create an allowance for protecting the new finishes of others for phase 2 contractors and cleaning of others work since these activities are out of sequence and place prospective bidders at risk financially but also could impact schedule due to incidental damages and excessive cleaning of out of sequence work.	Phase 2 contractors are responsible for dust control and cleaning, and the protection of surrounding construction from work of their respective contract, as outlined in Section 01 1200 Multiple Contract Summary.		
71	08/09/16	Please provide an interpretation of "typical" in detail 3/A306. A large volume of classrooms have elevations provided for them and seem to capture the work prescribed by the "E" notes but many classrooms lack info that is shown on the "typical" classroom detail 3/A306. As of now it is impossible to accurately quantify classroom finishes such as trims and or tackable wall surfaces from the info provided. Are rooms with no elevations to revert back to 3/A306?	See Addendum No. 5 for clarification of assignment of general notes and E-series notes for elevated rooms. Rooms without interior elevations have scopes of work described otherwise.		
72	08/09/16	Please provide finish flooring transition details at corridor doorways. Existing terrazzo has become rounded and uneven from wear and it needs to be understood now how to finish/terminate VCT to Terrazzo transitions properly and so the new GC's understand the elevation of concrete required to facilitate this work. In rooms where the flooring contractor will need to lay new flooring over existing sheathing nothing has been prescribed for flashings and or sheathing preparation. The standard specification notes do not cover manufacturer issues with regard to adhesives and flashings when adhering new floors over wood and warranting of that product. It is recommended that a floor flashing allowance be created to treat issues such as listed above with care for all parties. Please Advise.	Existing terrazzo thresholds are to remain. New finish floors are to match elevation to that of the removed exiting finish floor. Provide a rubber transition strip from new finish floor to existing terrazzo threshold. See details provided in Addendum No. 7. See Addendum No 6 for flash patch repairing of wood substrates below VCT.		
86	08/11/16	Please advise why butt style hinges are being called for on any wood door/frame combination or wood door/HM frame combination. This is not a district standard.	A best practices judgement for this project and the application.		
87	08/11/16	Detail S/410 indicates a diagonal brace be bolted to the classroom (inside wall plane of the chase) to support the new floor system above. The length of this diagonal brace is far too short to be accessed for installation due to Phase 1 MEP's running in the corridors. This would minimally need to be extended down to ceiling height area to be accessible and facilitate demo to perform the work. It is also mentioned that in most locations, if not all, new piping, duct and electrical have all penetrated these walls as part of Phase 1 and the continuous plate being called for to be bolted to the back of the wall will certainly conflict with installed MEP's if you do the math for elevation and can never be bolted properly due to the existing condition of the masonry construction buried in the chase. It is not indicated in plan to restore the inner chase installation surfaces to facilitate the installations being prescribed. This is a major cost and schedule issue if not resolved prior to bidding. Please advise.	See addendum No. 5. The length of the diagonal brace has been extended to provide access below the Phase 1 utilities, refer to ADD5-S-01 Section at Infill Frame Support. The revised section also requires a mortar surface to be installed to provide a uniform bearing surface at the proposed 1'-0" wide plate. The RFI states that a continuous plate will be impacted by Phase 1 MEP utilities. The plate to be installed at the interior wall of the chase is 4'-9" X 1'-0" X 1/2" thick. The plate will be required to be coordinated with existing utilities that penetrate the interior chase wall.		
88	08/11/16	Please advise how carbon fiber joist repair takes place above interior walls that are not scheduled for demo. Please advise why plaster ceilings demo and patch are not scheduled in these locations.	See addendum No. 7. Refer to ADDSK-A-15 for partial removal and repair of the existing interior masonry walls below concrete joists which require FRP reinforcement.		
89	08/11/16	Please consider pushing the full terrazzo restoration scope off onto a later phase of work. This scope of work totally eliminates access to a great deal of rooms while being performed and the time does not exist for this work on this phase. Please consider terrazzo patch and finishing where required and full auto scrub cleaning during final clean. This work could be performed over the summer of 2018 for instance.	See Alternate in Addendum No. 7.		
90	08/11/16	Please see if the architect can supply some detail for the Stair Tower Roof. Such as: perimeter details, drain locations if any, and assembly details. Also what is access like for that roof? It appears to be at least 40' or so in elevation?	See Addendum No. 7 for a roof edge detail. Drain location is shown on A120. Access to roof include (1) from the courtyard, (2) main building roof and (3) Band Room roof. See 2/A203 for approximate height of roof.		
92	08/12/16	Please provide a specification section for the homasote material called out in structural details referencing the lightweight concrete infills.	See Addendum No. 7.		
97	08/17/16	The finish schedule shows existing to remain and then asks for terrazzo and terrazzo base. Will these areas be receiving new terrazzo, refinished terrazzo or patching?	Within the project there is terrazzo that will remain (that is refinished). There is also new terrazzo patching and infill, most, if not all times within the same spaces where existing terrazzo is to remain.		
98	08/17/16	Please provide list of RSMP certified SBE's to date for the project.	List of SBE's on file with the RSMP is attached. Current eligibility is required for each Company listed.		
99		Regarding rooms 127 & 127D as shown on drawing A343, is the casework to be provided per section 06 2000 or section 12 3553?	06 2000		
100		Are all of the base cabinets located at the exterior walls to have a removable backs for access to the fin tube or 1 at each location where the valves are located?	See Addendum No. 7		
101		What spec section is to pick up the low walls, transaction tops & countertops in Foyer 141? (Base cabinets are Div 12 steel)	12 3600		

RSMP Phase 1 SBE Firm Names

Listed firms must be re-verified for current SBE status.

	Phase 1 SBE Firm Name
1	106 Enterprises
2	5 Star Restoration
3	Akwesasne Construction
4	ArchStetics Architecture
5	ASA Contractors
6	Beaton Industrial
7	Beaver Creek Industries
8	Bolton Surveying
9	BSV Metal Finishers
10	CanAm Environmental Safety, Inc.
11	Cannon & Noto Enterprise
12	Cardwell Construction
13	Casarsa Construction Supply
14	Chait Studios
15	CID Coatings
16	Coldwater Insulation
17	Cornerstone Training Institute
18	DDT Construction
19	DeClerck Flooring Inc.
20	Edge-Global Technology Solutions
21	Firestop Technologies
22	Foundation Design
23	Garden Grove
24	Grayco Corp
25	Gym Equipment & Specialties. of NY Inc.
26	Herline Technologies
27	Herman HVAC Products
28	Indoor Environmental Air Specialists
29	Installrite Systems
30	Interior Moving Service
31	Invictus Electrical, LLC

	Phase 1 SBE Firm Name
32	Jaclyn Building Services
33	JC Insulation
34	Jemco Water Treatment
35	Jensen / BRV Engineering
36	Jim White Metal Product
37	Journee Construction
38	Klug Crane & Rigging
39	Kris Kimmel Drafting
40	Lakeview Construction
41	M.A. Architects
42	Martens Janitorial
43	Massive Testing & Balancing
44	MDC Assembly Llc
45	ME Holvey Consulting, LLC.
46	Mid-City Signs
47	Millennium Strategies
48	Minority Material Haulers
49	Moss Architectural Products
50	NAIRY Mechanical
51	Precision Concrete & Masonry Inc
52	Redhawk Equipment
53	Rogers Enterprises
54	Scott Construction
55	Scott's Unlimited
56	Sexton Services
57	Sigma PSI
58	Structural Remediation Services Inc
59	Superior Insulation/Williamstown Construction
60	Susquehanna Sheet Metal Erection Service Inc.
61	Uzo 1 International, Ltd.

SECTION 004116 - BID FORM

1.1 To the Rochester Joint Schools Construction Board (“RJSCB” or “Owner”):

The undersigned proposes to do all the work and furnish all material necessary for RCSD James Monroe High School – **Phase 2A of the RSMP** (herein, “Project”): (Indicate appropriate contract by placing a “X” next to the contract being bid) (Use only one bid form per contract being bid):

_____ **General Trades Contract No. 100**

_____ **Mechanical/HVAC Contract No. 200**

_____ **Electrical Contract No. 300**

_____ **Plumbing Contract No. 400**

1.1.1 In accordance with drawings and specifications therefore and addenda comprising the Contract Documents, for the lump sum of:

_____ Dollars
Amount in Writing

(_____), herein referred to as the “Base Bid.”
Figures

Of the “Base Bid,” the amount of \$_____ is included and attributable to the **General Contract No. 100 only** for procuring the “Builder’s Risk Insurance” in the amount and limit required under Section 00 73 16 (“Insurance and Bonds”).

Of the “Base Bid”, the amount of \$_____ is included and attributable to the **Electrical Contract No. 300 only** for any and all Districtwide Technology Work, as portrayed on the TD and T series drawings, and the Division 27 and Division 28 specifications sections.

1.2 ALLOWANCES

Refer to section 00 43 21 “Allowances” for description of Allowances, where used. **Allowances are to be included in base bid amount and are to be used for items not identified in the contract documents. Unit Price Costs will be used to add or delete scope from allowances when directed by the owner or construction manager.**

1.3 ALTERNATES

1. Alternate Bid #EC-01 – Auditorium Lighting System Improvements

_____ Dollars

(\$_____)

2. Alternate Bid #EC-02 – Auditorium Sound System Improvements

_____ Dollars

(\$ _____)

3. Alternate Bid #GC-01 – Replace Exterior Aluminum and Wood Windows

_____ Dollars

(\$ _____)

4. Alternate Bid #GC-02 – Replace Stair Treads and Handrails

_____ Dollars

(\$ _____)

5. Alternate Bid #GC-03 – Window Shades

_____ Dollars

(\$ _____)

6. Alternate Bid #GC-04 – Window Shades (Gymnasiums only)

_____ Dollars

(\$ _____)

7. Alternate Bid #GC-05 – Refinish Stage Floor

_____ Dollars

(\$ _____)

8. Alternate Bid #GC-06 – Replace Doors and Provide Continuous Hinges

_____ Dollars

(\$ _____)

9. Alternate Bid #GC-07 – Repair/Refinish Existing Terrazzo

_____ Dollars

(\$ _____)

The total Base Bid, together with any approved Alternates, once accepted and awarded by Owner, shall be referred to as the “Contract Sum.” The Contract Sum may be modified in accordance with the General Conditions (Section 007216).

1.4 UNIT PRICES

Refer to section 00 43 22 "Unit Prices", for description of Unit Prices. For Owner's information and for changing quantities of work items from those indicated by the Contract Drawings, upon written instruction from the Architect or Construction Manager, the Contractor shall submit unit prices (which must include all accessories, hangers, labor, materials, fire stopping, terminations, etc.). Unit prices include mark up, profit and overhead. Changes to the work shall be in accordance with the General Conditions (00 72 16).

- A. GC Unit Price #1: Add/Delete Masonry Repointing: \$_____ per SF
- B. GC Unit Price #2: Add/Delete Brick Masonry Replacement: \$_____ per SF
- C. GC Unit Price #3: Add/Delete Epoxy Injection (Floors): \$_____ per LF
- D. GC Unit Price #4: Unsuitable Soils - Remove, Dispose and Replace: \$_____ per CY
- E. GC Unit Price #5: Add/Delete Lockers: \$_____ per 2 tier locker
- F. GC Unit Price #6: Access Doors (non-fire rated): \$_____ per door
- G. GC Unit Price #7: Add/Delete Wood Blocking at Windows: \$_____ per window
- H. GC Unit Price #8: Add/Delete VCT Flooring Work: \$_____ per sf
- I. GC Unit Price #9: Add/Delete ACT Ceiling Work: \$_____ per sf
- J. GC Unit Price #10: Add/Delete Gypsum Wall Work: \$_____ per sf
- K. GC Unit Price #11: Add/Delete 2" Depth Polymer Modified Cementitious Mortar repair: \$_____ per lf
- L. GC Unit Price #12: Add/Delete 4" Depth Polymer Modified Cementitious Mortar repair: \$_____ per lf
- M. GC Unit Price #13: Add/Delete 6" Depth Polymer Modified Cementitious Mortar repair: \$_____ per lf
- N. GC Unit Price #14: Add/Delete 8" Depth Polymer Modified Cementitious Mortar repair: \$_____ per lf

- O. GC Unit Price #15: Floor Tile & Mastic (Existing Containment Area): \$_____ per sf
- P. GC Unit Price #16: Floor Tile & Mastic (New Containment Area): \$_____ per sf
- Q. GC Unit Price #17: Pipe Insulation up to 4" Pipe (Existing Containment Area): \$_____ per lf
- R. GC Unit Price #18: Pipe Insulation up to 4" Pipe (New Containment Area): \$_____ per lf
- S. GC Unit Price #19: Wall Sealant (Caulk) (Existing Containment Area): \$_____ per lf
- T. GC Unit Price #20: Wall Sealant (Caulk) (New Containment Area): \$_____ per lf
- U. GC Unit Price #21: Window Glazing Compound(Interior in Existing Containment Area):\$_____ per lf
- V. GC Unit Price #22: Window Glazing Compound(Interior in New Containment Area): \$_____ per lf
- W. GC Unit Price #23: Mirror/Wallboard Mastic (Existing Containment Area): \$_____ per sf
- X. GC Unit Price #24: Mirror/Wallboard Mastic (New Containment Area): \$_____ per sf
- Y. GC Unit Price #25: Ceramic Tile & Cement/Mastic (Existing Containment Area): \$_____ per sf
- Z. GC Unit Price #26: Ceramic Tile & Cement/Mastic (New Containment Area): \$_____ per sf
- AA. GC Unit Price #27: Sealant (Caulk) at Exterior: \$_____ per lf
- BB. GC Unit Price #28: Window Glazing Compound at Exterior: \$_____ per lf
- CC. GC Unit Price #29: PCB Containing Sealant (Caulk) at Exterior: \$_____ per lf

- DD. MC Unit Price #1: Add Isolation Valves: \$_____ per each for 1" line
- EE. MC Unit Price #2: Add Isolation Valves: \$_____ per each for 2" line
- FF. MC Unit Price #3: Add Isolation Valves: \$_____ per each for 3" line

- GG. PC Unit Price #1: Add Isolation Valves: \$_____ per each for 1" line
- HH. PC Unit Price #2: Add Isolation Valves: \$_____ per each for 2" line
- II. PC Unit Price #3: Add Isolation Valves: \$_____ per each for 3" line
- JJ. PC Unit Price #4: Remove & Replace Existing Lavatory Faucet: \$_____ per lavatory
- KK. PC Unit Price #5: Remove & Replace Existing Toilet Flush Valve: \$_____ per toilet
- LL. PC Unit Price #6: Remove & Replace Existing Urinal Flush Valve: \$_____ per urinal

1.5 PROJECT PHASING AND MILESTONES

If awarded the Contract, the undersigned bidder agrees to complete the entire work on or before the milestones and dates as denoted in Section 00 43 83 "MILESTONE SCHEDULE & CRITICAL SUBMITTALS."

1.6 ADDENDA

Receipt of the following addenda to the Contract Documents are acknowledged:

Addendum No. _____	Date _____
Addendum No. _____	Date _____
Addendum No. _____	Date _____
Addendum No. _____	Date _____
Addendum No. _____	Date _____
Addendum No. _____	Date _____
Addendum No. _____	Date _____
Addendum No. _____	Date _____

1.7 Give the name of each person, firm or corporation interested in the above bid. If the undersigned bidder is:

1. An individual, give full name _____.
2. A partnership under an assumed name, give name of each principal:
_____.
3. A corporation, give full legal name _____.
4. Give the name of each person, firm or corporation other than the bidder having an interest in bids of the Contract proposed to be taken
_____.

2.1 CERTIFICATION OF NON-COLLUSION IN BIDDING

- .1 By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury that to the best knowledge and belief:
 - .1 The prices of this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.

- .2 Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
- .3 No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

_____	BY _____
FULL LEGAL NAME OF FIRM OR CORPORATION	AUTHORIZED SIGNATURE
_____	_____
ADDRESS	TYPED NAME OF AUTHORIZED SIGNATURE/TITLE
_____	_____
CITY, STATE, ZIP CODE	TELEPHONE AND FACSIMILE NUMBERS
_____	_____
DATE	E-MAIL ADDRESS

NOTICE TO BIDDERS

- 3.1 All bid forms shall be signed by the name of the person, firm or corporation submitting the bid, indicating by long-hand signature the person duly authorized to sign in behalf of such person, firm, or corporation and shall contain the business address of the bidder.
- 3.2 Bidders are required to submit unit prices only if required by the specifications.
- 3.3 Owner reserves the right to award contract to include any of the Alternates. Accordingly, bidders are required to bid on all Alternates called for in the specifications. However, Owner reserves the right to waive this requirement.
- 3.4 No bids on different kinds of work may be combined, grouped or added together except to make the lump sum total of work called for under any one contract.
- 3.5 All items on the bid form shall be filled in as called for, and the completed bid form shall be without interlineation, alteration or erasure; and shall not contain a bid or bids, or form of bid or bids, other than called for.

END OF SECTION 004116

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SECTION 004322 - UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for unit prices.

1.3 DEFINITIONS

- A. Unit price is an amount proposed by bidders, stated on the Bid Form, as a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.
- B. Mobilization shall include all activities and associated costs for transportation of contractor's personnel, equipment, and operating supplies to the site; establishment of offices, buildings, and other necessary general facilities for the contractor's operations at the site; premiums paid for performance and payment bonds including coinsurance and reinsurance agreements as applicable; and other items specified in this specification. Mobilization does not include the start of work at a specific area on the project site while the contractor is present at other areas immediately prior to, during or following the work.

1.4 PROCEDURES

- A. Unit prices include all necessary supervision, labor, materials, cost for delivery, installation, insurance, overhead and profit.
- B. Measurement and Payment: Refer to individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured by the Owner's Representative.
- D. List of Unit Prices: A list of unit prices is included in the Bid Form Section and paragraph 3.1 below. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES

- **GC Unit Price #1: Add/Delete Masonry Repointing (per sf)**
- **GC Unit Price #2: Add/Delete Brick Masonry Replacement (per sf)**
- **GC Unit Price #3: Add/Delete Epoxy Injection at Floors (per lf)**
- **GC Unit Price #4: Unsuitable Soils - Remove, Dispose and Replace (per cy)**
- **GC Unit Price #5: Add/Delete Lockers (per 2 tier locker)**
- **GC Unit Price #6: Access Doors (non-fire rated) 18x18 in gypsum walls (for access to fin tube radiation behind built-in cabinetry) (per door)**
- **GC Unit Price #7: Wood Blocking at Windows** add /deduct for existing blocking reused; and existing blocking removed and new blocking provided. We plan to use the old wood window frames as blocking but they may need to be removed based on condition. **(per window)**
- **GC Unit Price #8: Add/Delete VCT Flooring Work.** Includes floor prep, mastic, and VCT install (no waxing). **(per sf)**
- **GC Unit Price #9: Add/Delete ACT Ceiling Work.** Includes all work required to install ceiling – wall angle, grid, wires, 2' x 2' ceiling tile, etc. **(per sf)**
- **GC Unit Price #10: Add/Delete Gypsum Wall Work.** Includes all work required to install and finish wall – 3 5/8" studs 16" OC, 3 1/2" unfaced batt insulation, 1 layer each side 5/8" gypsum board, tape and finish for paint. **(per sf)**
- **GC Unit Price #11: Add/Delete 2" Depth Polymer Modified Cementitious Mortar repair** per specifications section 03 7410 Concrete Repairs. Price should include a depth of repair (prep/removal of deteriorated and replacement with mortar). **(per lf)**
- **GC Unit Price #12: Add/Delete 4" Depth Polymer Modified Cementitious Mortar repair** per specifications section 03 7410 Concrete Repairs. Price should include a depth of repair (prep/removal of deteriorated and replacement with mortar). **(per lf)**
- **GC Unit Price #13: Add/Delete 6" Depth Polymer Modified Cementitious Mortar repair** per specifications section 03 7410 Concrete Repairs. Price should include a depth of repair (prep/removal of deteriorated and replacement with mortar). **(per lf)**

- **GC Unit Price #14: Add/Delete 8” Depth Polymer Modified Cementitious Mortar repair** per specifications section 03 7410 Concrete Repairs. Price should include a depth of repair (prep/removal of deteriorated and replacement with mortar). (per lf)
- **GC Unit Price #15: Abate Floor Tile & Mastic in Existing Containment Area (per sf)**
- **GC Unit Price #16: Abate Floor Tile & Mastic in New Containment Area (per sf)**
- **GC Unit Price #17: Abate Pipe Insulation up to 4” Pipe in Existing Containment Area (per lf)**
- **GC Unit Price #18: Abate Pipe Insulation up to 4” Pipe in New Containment Area (per lf)**
- **GC Unit Price #19: Abate Wall Sealant (Caulk) in Existing Containment Area (per lf)**
- **GC Unit Price #20: Abate Wall Sealant (Caulk) (New Containment Area) (per lf)**
- **GC Unit Price #21: Abate Interior Window Glazing Compound in Existing Containment Area (per lf)**
- **GC Unit Price #22: Abate Interior Window Glazing Compound in New Containment Area (per lf)**
- **GC Unit Price #23: Abate Mirror/Wallboard Mastic in Existing Containment Area (per sf)**
- **GC Unit Price #24: Abate Mirror/Wallboard Mastic in New Containment Area (per sf)**
- **GC Unit Price #25: Abate Ceramic Tile & Cement/Mastic in Existing Containment Area (per sf)**
- **GC Unit Price #26: Abate Ceramic Tile & Cement/Mastic in New Containment Area (per sf)**
- **GC Unit Price #27: Abate Sealant (Caulk) at Exterior (per lf)**
- **GC Unit Price #28: Abate Window Glazing Compound at Exterior (per lf)**
- **GC Unit Price #29: Abate PCB Containing Sealant (Caulk) at Exterior (per lf)**

- **Mechanical Contract Unit Price #1: Add 1” Isolation Ball Valve (per valve)**
Furnish and install labor and material to remove and replace existing values’ or provide new valves at specified locations to replace defective units, or provide new shutoff access points. Work shall include replacement of insulation removed, as part of installation.

- **Mechanical Contract Unit Price #2: Add 2” Isolation Ball Valve (per valve)**
Furnish and install labor and material to remove and replace existing values’ or provide new valves at specified locations to replace defective units, or provide new shutoff access points. Work shall include replacement of insulation removed, as part of installation.
- **Mechanical Contract Unit Price #3: Add 3” Isolation Ball Valve (per valve)**
Furnish and install labor and material to remove and replace existing values’ or provide new valves at specified locations to replace defective units, or provide new shutoff access points. Work shall include replacement of insulation removed, as part of installation.
- **Plumbing Contract Unit Price #1: Add 1” Isolation Ball Valve (per valve)**
Furnish and install labor and material to remove and replace existing values’ or provide new valves at specified locations to replace defective units, or provide new shutoff access points. Work shall include replacement of insulation removed, as part of installation.
- **Plumbing Contract Unit Price #2: Add 2” Isolation Ball Valve (per valve)**
Furnish and install labor and material to remove and replace existing values’ or provide new valves at specified locations to replace defective units, or provide new shutoff access points. Work shall include replacement of insulation removed, as part of installation.
- **Plumbing Contract Unit Price #3: Add 3” Isolation Ball Valve (per valve)**
Furnish and install labor and material to remove and replace existing values’ or provide new valves at specified locations to replace defective units, or provide new shutoff access points. Work shall include replacement of insulation removed, as part of installation.
- **Plumbing Unit Price #4: Remove & Replace Existing Lavatory Faucet (per lavatory)**
- **Plumbing Unit Price #5: Remove & Replace Existing Toilet Flush Valve (per toilet)**
- **Plumbing Unit Price #6: Remove & Replace Existing Urinal Flush Valve (per toilet)**

END OF SECTION 004322

**SECTION 06 16 00
CELLULOSE FIBER STRUCTURAL PANELS**

GENERAL

1.01 SECTION INCLUDES

- A. Section 06 00 00 Wood, Plastics and Composites.

1.02 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 1. ASTM C 209 - Test Methods for Cellulosic Fiber Insulating Board.
 2. ASTM C 518 - Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.
 3. ASTM D 1037 - Test Methods of Evaluating Properties of Wood-Base Fiber and Particle Panel Materials.
 4. ASTM E 84 - Test Method for Surface Burning Characteristics of Building Materials.
 5. UL listed, File R5268, UL Canada CR909.
 6. Forest Stewardship Certification (FSC): CoC Cert no. 5682.

1.03 SUBMITTALS

- A. Submit under provisions of Section 01 3219.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - Preparation instructions and recommendations.
 - Storage and handling requirements and recommendations.
 - Installation methods.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 10 years experience in producing sound-deadening boards.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging with labels intact until ready for installation.
- B. Inspect the materials upon delivery to assure that specified products have been received. Report damaged material immediately to the delivering carrier and note such damage on the carrier's freight bill of lading.
- C. Store materials in a dry place, indoors, on raised platform protected from weather damage.

1.06 PROJECT CONDITIONS

- A. Climatize panels to existing moisture conditions and for not less than 24 hours before installation. Comply with manufacturer's recommendations for acclimatization.

PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturer: Homasote Company; 932 Lower Ferry Road, West Trenton, NJ 08628. Tel: (800) 257-9491. Tel: (609) 883-3300. Fax: (609) 883-3497. Email: sales@homasote.com Website: www.homasote.com

2.02 MATERIALS

- A. N.C.F.R.Homasote: Class A fired-rated. Molded, recycled post-consumer paper, cellulose fiber structural panel. Physical properties as follows:
- Thickness: 1/2 inch (13 mm).
 - Density: 34-40 pcf (544-640 kg/cu. m) tested in accordance with ASTM C 209.
 - Tensile Strength: When tested in accordance with ASTM C 209:
 - Parallel: 400-700 psi (2,755-4,830 kPa).
 - Transverse: 600-900 psi (4,130-6,555 kPa).
 - Hardness (Janka Ball): 275 lbs (124 kg) tested in accordance with ASTM D 1037.
 - Compressive Resistance At 10% Deformation: 225 PSI
 - Water Absorption by Volume: When tested in accordance with ASTM C 209:
 - 2 hour immersion: 7 percent maximum.
 - Expansion: 50 to 90 percent relative humidity, 0.30 percent in accordance with ASTM C 209.
 - Thermal Resistance: When tested in accordance with ASTM C 209 per ASTM C 518:
 - R-value: .85 for 1/2 inch (13 mm) thick board.
 - K-value: .59 for 1/2 inch (13 mm) thick board.
 - Class I or A. Flame spread 25, fuel contributed 0, smoke developed 20 as per ASTM E 84.

EXECUTION

3.01 EXAMINATION

- A. Contractor shall carefully remove existing fill on existing concrete slab to remain. Care shall be taken to not damage existing concrete slab. Examine final substrate upon which work will be installed.
- B. Verify framing member spacing complies with manufacturer's requirements depending on substrates and installation methods.
- C. Provide 1/4" (max.) thick self leveling mortar as required to level concrete surface. Notify architect prior to placing self leveling mortar if additional thickness is required.
- D. Verify environmental conditions are, and will continue to be maintained in accordance with manufacturer's recommendations.
- E. Starting work by installer is acceptance of substrate and environmental conditions.

3.02 PREPARATION

- A. Follow manufacturer's instructions by separating and allowing panels to be exposed to environmental temperature and humidity conditions for not less than 24 hours before start of installation.
- B. Coordinate architectural, mechanical, electrical and plumbing penetration locations prior to placement of Homasote panels.

3.03 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install only clean dry panels. Do not install wet panels.
- C. Floor Panel Installation: Space panel joints 1/8 inch (3 mm) apart. Install metal deck so that metal deck panel joints are staggered and do not coincide with Homasote panel joints. Install deck in accordance with deck manufacturer's installation recommendations. Anchor metal deck to Homasote in accordance with the structural drawings.

3.04 PROTECTION

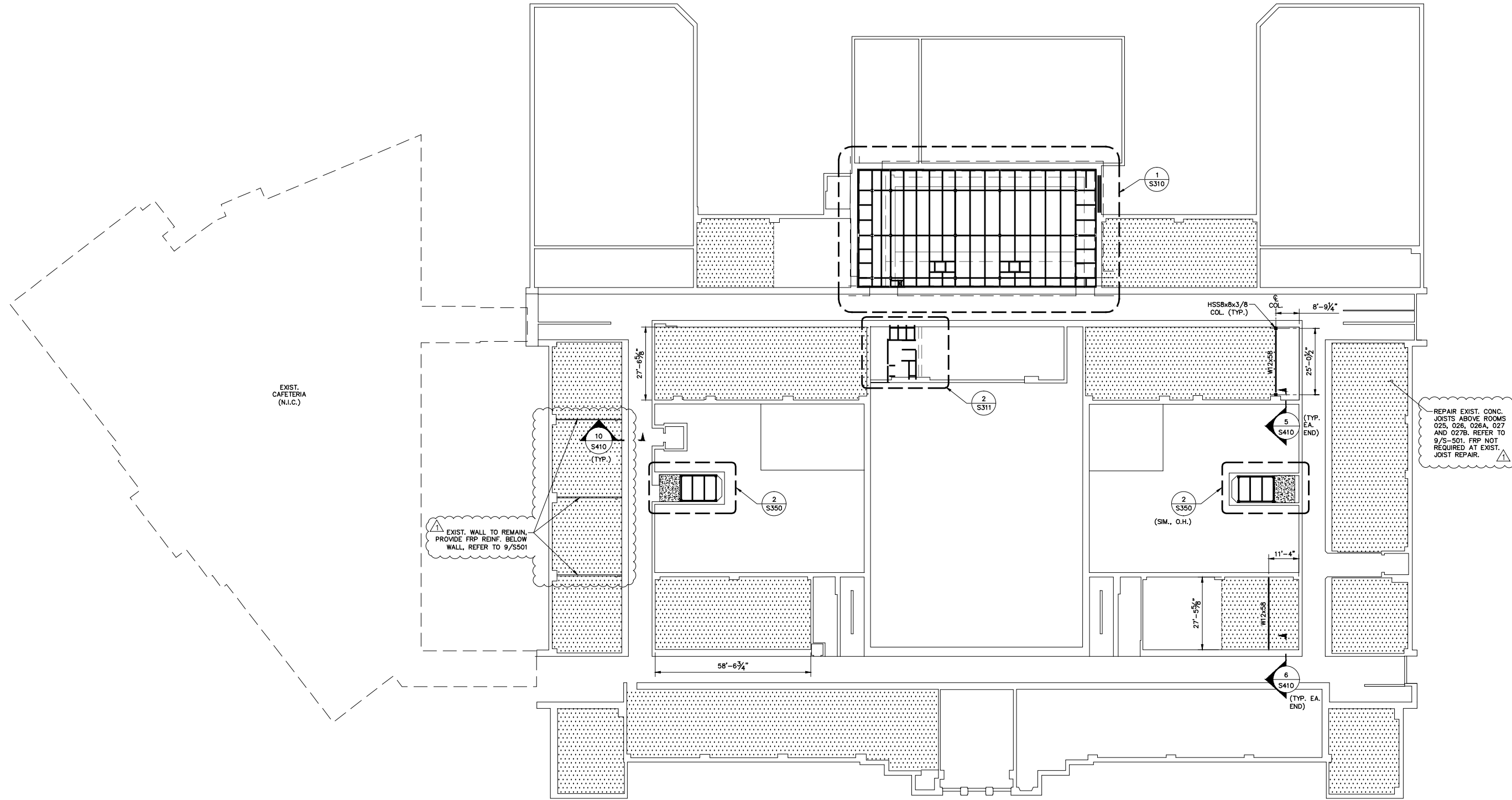
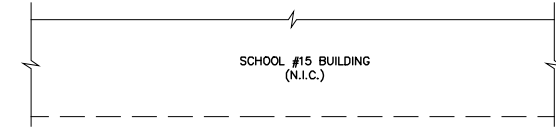
- A. Protect installed products until completion of project.
- B. Touch-up, repair, or replace damaged products before Substantial Completion.

3.05 CLEANING

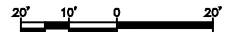
- A. Comply with manufacturer's recommendations for repairing damaged panels.
- B. See manufacturer's installation instructions for cleaning procedures.
- C. Replace panels that cannot be repaired.

END OF SECTION

NOTE:
 1. [Pattern] DENOTES LIGHTWEIGHT CONCRETE INFILL. REFER TO SECTION 10/S410.



1 FIRST FLOOR KEYPLAN
 S011 SCALE: 1"=20'-0"



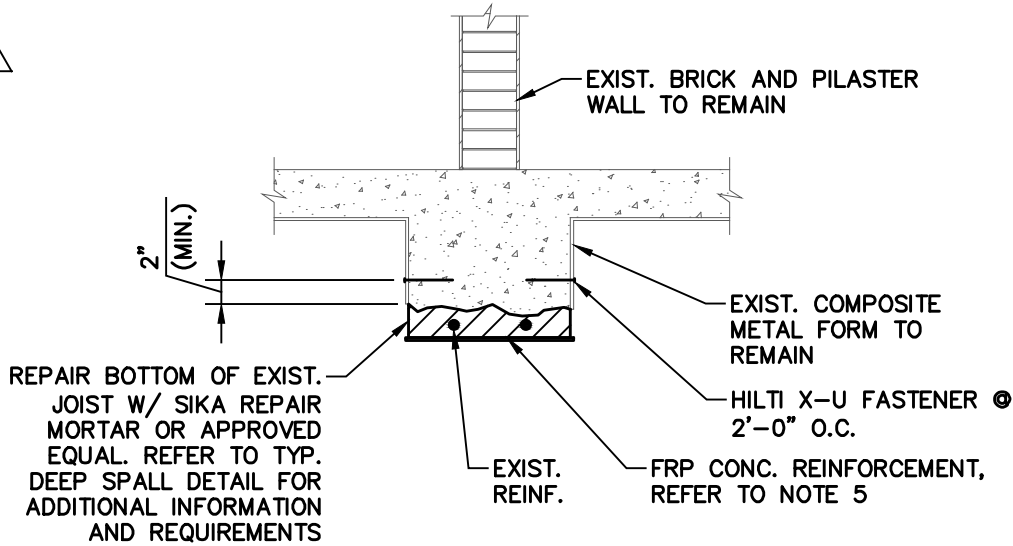
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Rochester City School District
 James Monroe High School
 164 Alexander Street
 Rochester, New York
 SED #: 26-16-00-01-0-107-029
 DWT #: 26-16-00-01-7-995-019

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A		REVISION DATE: 8/22/16
DRAWING TITLE: FIRST FLOOR KEY PLAN		ISSUE DATE: 8/22/16
PROJECT NO: 1522	DRAWN BY: SP	SCALE: AS NOTED

DRAWING REFERENCE NUMBER(S): 1/S011
 DRAWING NUMBER: ADD7-S-01

1



NOTES:

1. REMOVE EXIST. COMPOSITE METAL FORM ONLY TO THE EXTENT REQUIRED TO REPAIR BOTTOM OF JOIST TO SOUND CONCRETE AND PLACE FRP REINFORCEMENT.
2. PROVIDE FRP REINFORCEMENT EQUAL TO (4)-#8 BARS. FRP REFERS TO CARBON FIBER REINFORCED POLYMER REINFORCEMENT. REFER TO SPECIFICATION SECTION 03 01 32.
3. TYPICAL JOIST AT EXIST. BRICK WALL SHOWN, SIZE VARIES.
4. PROPOSED FLOOR INFILL NOT SHOWN FOR CLARITY.
5. DETAIL IS SIMILAR FOR JOIST REPAIR. FRP NOT REQUIRED AT JOISTS NOT SUPPORTING BRICK AND PLASTER WALLS ABOVE.
6. REFER TO ARCH. DRAWINGS FOR GYPSUM BOARD CEILING AND ATTACHMENT.
7. WHERE EXISTING REINFORCEMENT HAS GREATER THAN 15% SECTION LOSS THE SECTION SHALL BE REPLACED AS FOLLOWS:
 - A. EXPOSE EXISTING REINFORCEMENT AS REQUIRED TO DEVELOP A CLASS B TENSION SPLICE WITH REINFORCEMENT WITH LESS THAN 15% SECTION LOSS AT EACH SIDE OF DETERIORATED SECTION.
 - B. INSTALL NEW REINFORCEMENT EQUIVALENT TO AREA OF EXISTING REINFORCEMENT. MAINTAIN TWO INCHES CLEAR FROM BOTTOM OF EXISTING CONCRETE BEAM.
8. COAT ALL EXPOSED REINFORCEMENT WITH A BONDING AGENT.
9. DO NOT DRILL, FASTEN OR OTHERWISE IMPACT THE FRP REINFORCEMENT. ANCHORAGE OF ARCHITECTURAL AND MEP ITEMS TO THE BOTTOM OF A REINFORCED JOIST IS NOT PERMITTED.

DRAWING REFERENCE NUMBER(S): 9/S501
DRAWING NUMBER: ADD7-S02
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A					
DRAWING TITLE: TYP. JOIST REINF. @ SUPPORTED WALL					
PROJECT NO: 1522	DRAWN BY: SP	SCALE: N.T.S.	ISSUE DATE: 8/22/16	REVISION DATE:	8/22/16

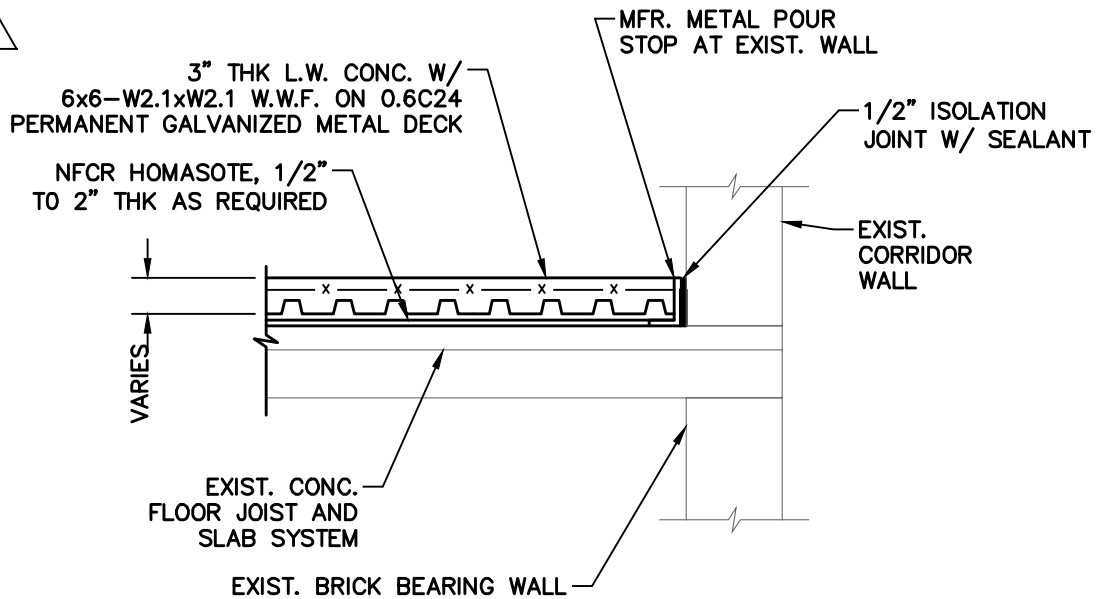
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ARCHITECTS, LLP

1



NOTES:

1. COORDINATE SPAN OF METAL DECK WITH SPAN OF EXISTING CONCRETE JOIST. METAL DECK SPAN SHALL BE PERPENDICULAR TO EXISTING JOIST SPAN.
2. COORDINATE DEPTH OF HOMASOTE WITH DEPTH OF REMOVED MATERIAL. SLAB SHALL BE 3" THK (MIN.) AND 3 1/2" THK (MAX.)
3. PROVIDE METAL POUR STOP AT NEW AND EXISTING MEP FLOOR PENETRATIONS. COORDINATE W/ MECH., ELEC., PLUMBING AND ARCH. DWGS.
4. ANCHOR METAL DECK TO HOMASOTE WITH #12 TEK SCREWS WITH A 36/3 PATTERN.
5. CONTRACTOR SHALL ENSURE METAL DECK ASSEMBLY IS CONSTRUCTED TO FORM A COMPLETE ASSEMBLY WHICH FULLY CONTAINS THE CONCRETE TO BE PLACED.
6. CONTRACTOR SHALL TAKE CARE TO NOT DAMAGE EXISTING CONCRETE SLAB DURING REMOVAL OF CINDER FILL AND WOOD SLEEPER SYSTEM.
7. PROVIDE SELF LEVELING MORTAR INFILL AT EXISTING SUBSTRATE. MAXIMUM DEPTH OF SELF LEVELING MORTAR IS 1/4". NOTIFY ENGINEER PRIOR TO PLACING MORTAR IF ADDITIONAL LEVELING OR REPAIR IS REQUIRED.

DRAWING REFERENCE NUMBER(S): 10/S410
DRAWING NUMBER: ADD7-S03
SED CONTROL NUMBERS: SED #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

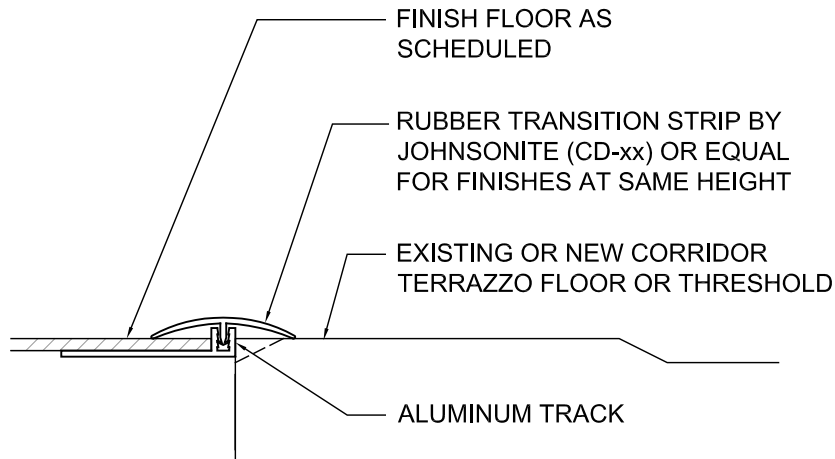
PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: SECTION @ WOOD SLEEPER SYSTEM REPLACEMENT				
PROJECT NO: 1522	DRAWN BY: SP	SCALE: 3/4"=1'-0"	ISSUE DATE: 8/22/16	REVISION DATE: 8/22/16

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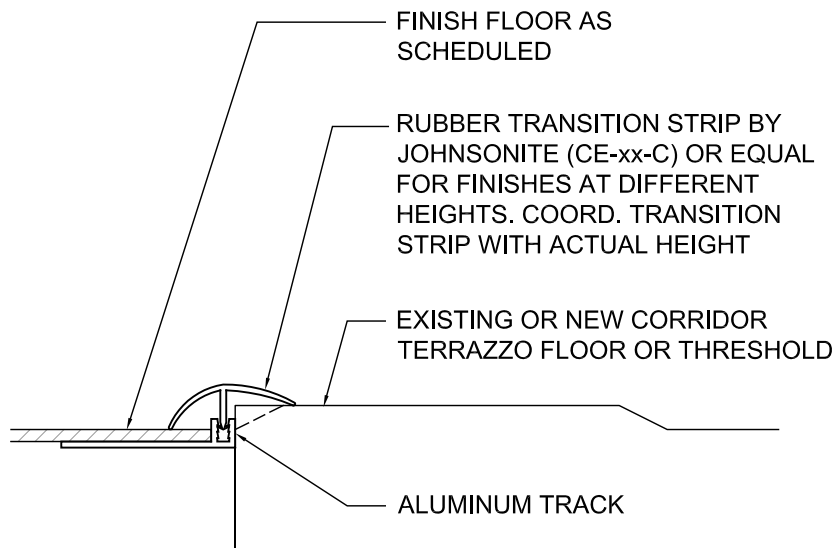
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TYPE A - FINISH FLOORS ARE LEVEL



TYPE B - FINISH FLOORS ARE NOT LEVEL

9 TYPICAL TRANSITION DETAILS
 A701 SCALE: 6" = 1'-0"

DRAWING REFERENCE NUMBER(S): A701
DRAWING NUMBER: ADDSK-A-13
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: TYPICAL TRANSITION DETAILS				
PROJECT NO: 1522	DRAWN BY: ME	SCALE: AS NOTED	ISSUE DATE: 8/20/16	REVISION DATE: 8/15/16

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DRAWING REFERENCE NUMBERS:
A702

DRAWING NUMBER:
ADDSK-A-14

SED CONTROL NUMBERS:
SED #: 26-16-00-01-0-107.029
DWT #: 26-16-00-01-7-999-019

PROJECT:
R SMP - JAMES MONROE HIGH SCHOOL
PHASE 2A

DRAWING TITLE:
TYPICAL TERRAZZO INFILL DETAIL

PROJECT NO:
1522

DRAWN BY:
ME

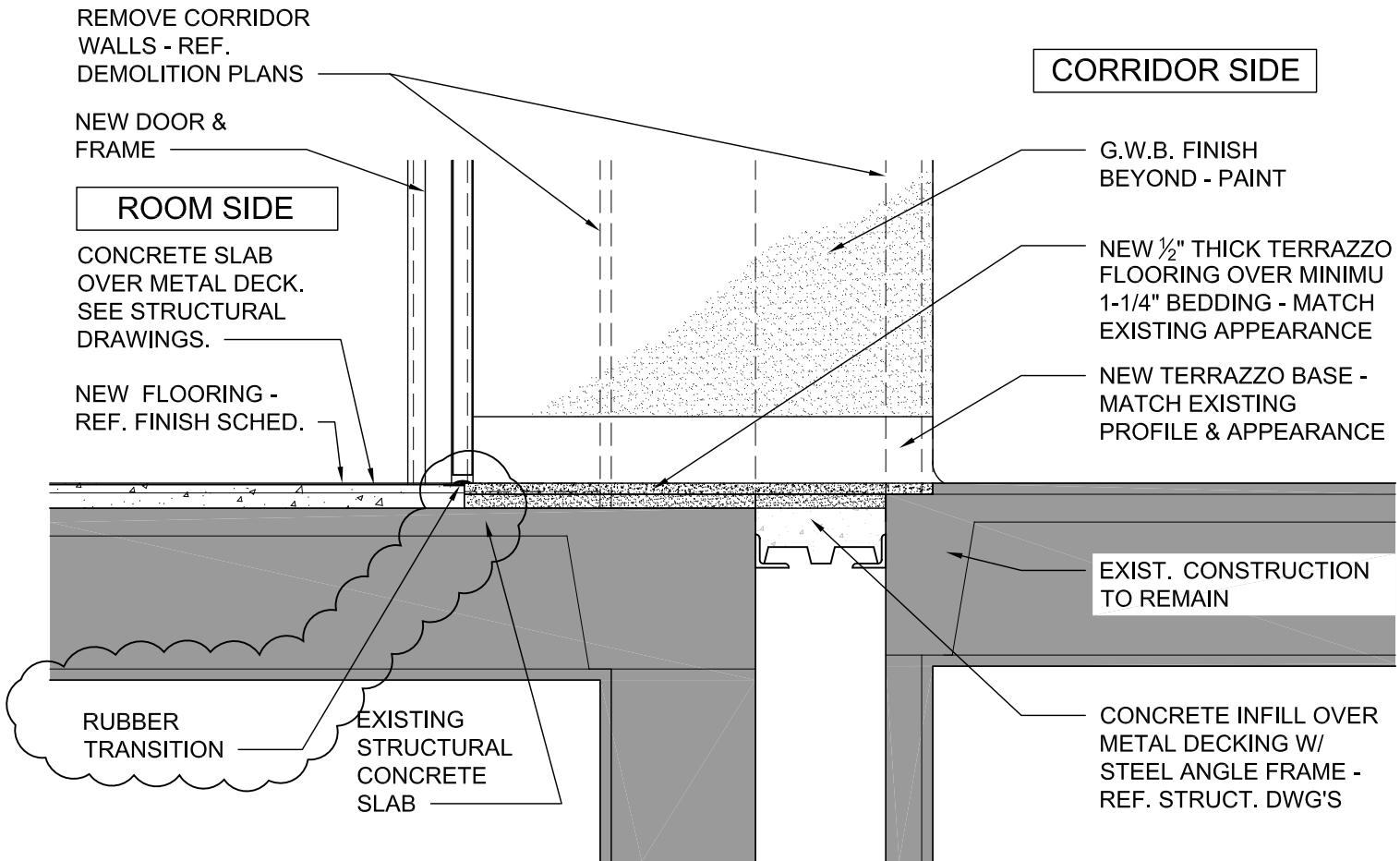
SCALE:
AS NOTED

ISSUE DATE:
8/20/16

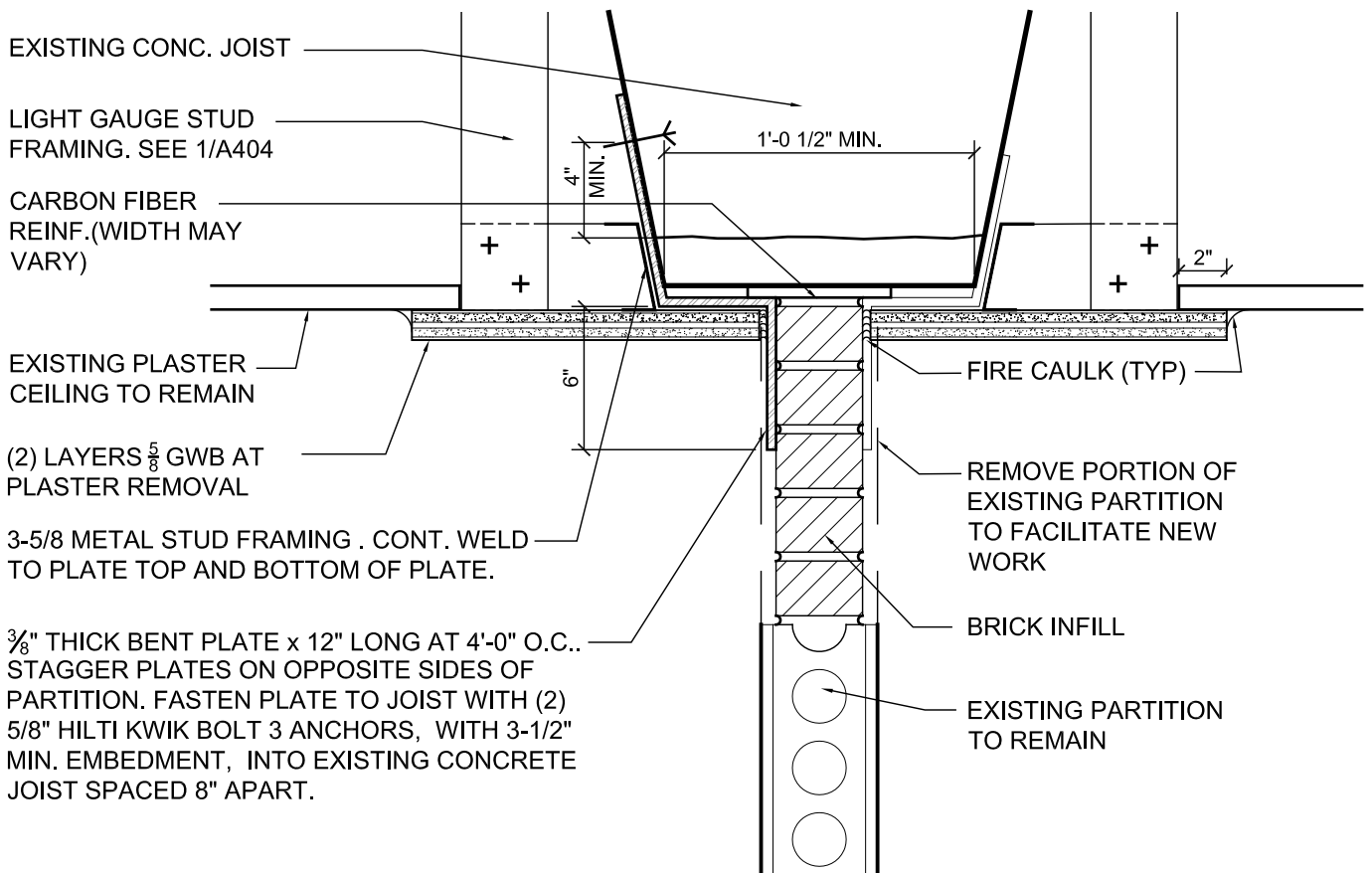
REVISION DATE:
8/15/16

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6 TYPICAL TERRAZZO INFILL SECTION DETAIL
A702 SCALE: 3/4" = 1'-0"



8 TYPICAL JOIST REINFORCEMENT DETAIL AT WALL
 A701 SCALE: 1-1/2" = 1'-0"

DRAWING REFERENCE NUMBER(S): A701
DRAWING NUMBER: ADDSK-A-15
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

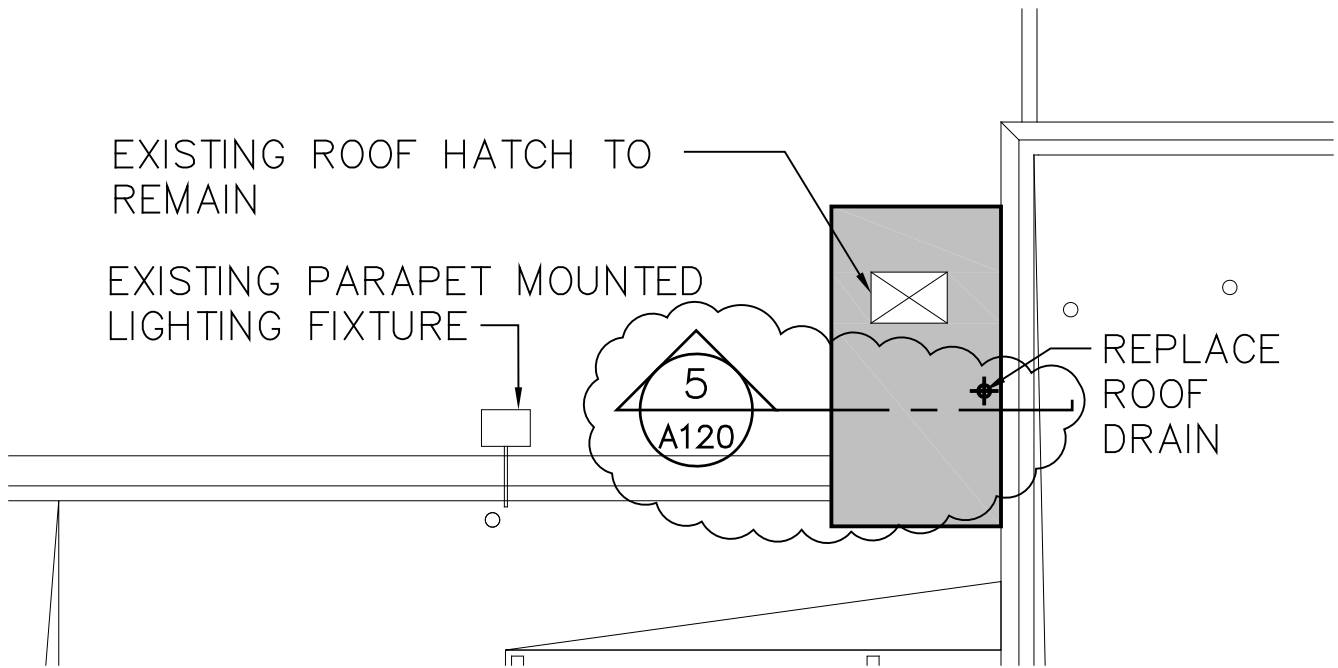
PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: TYP. JOIST REINFORCEMENT DETAIL AT WALL				
PROJECT NO: 1522	DRAWN BY: ME	SCALE: AS NOTED	ISSUE DATE: 8/20/16	REVISION DATE: 8/20/16

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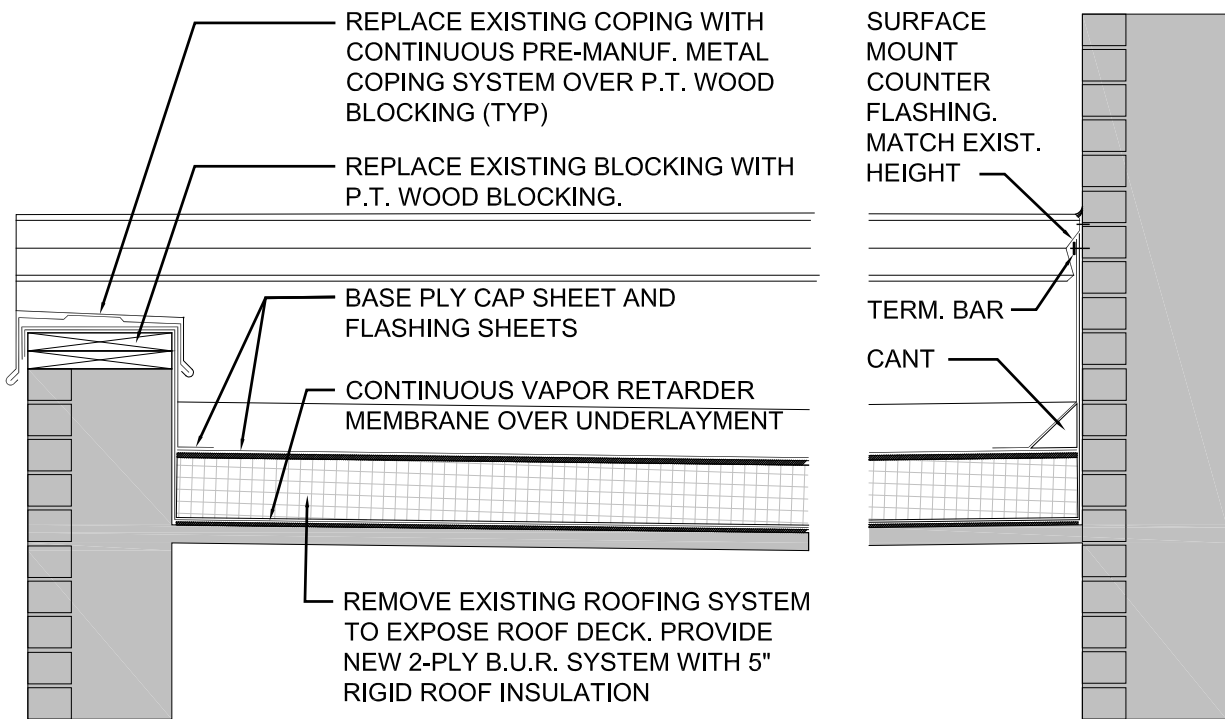
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5 PARTIAL ROOF PLAN
 A120 SCALE: 1-1/2" = 1'-0"



5 ELEVATOR NO. 3 HOISTWAY ROOF DETAILS
 A120 SCALE: 1-1/2" = 1'-0"

DRAWING REFERENCE NUMBER(S): A120
DRAWING NUMBER: ADDSK-A-16
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

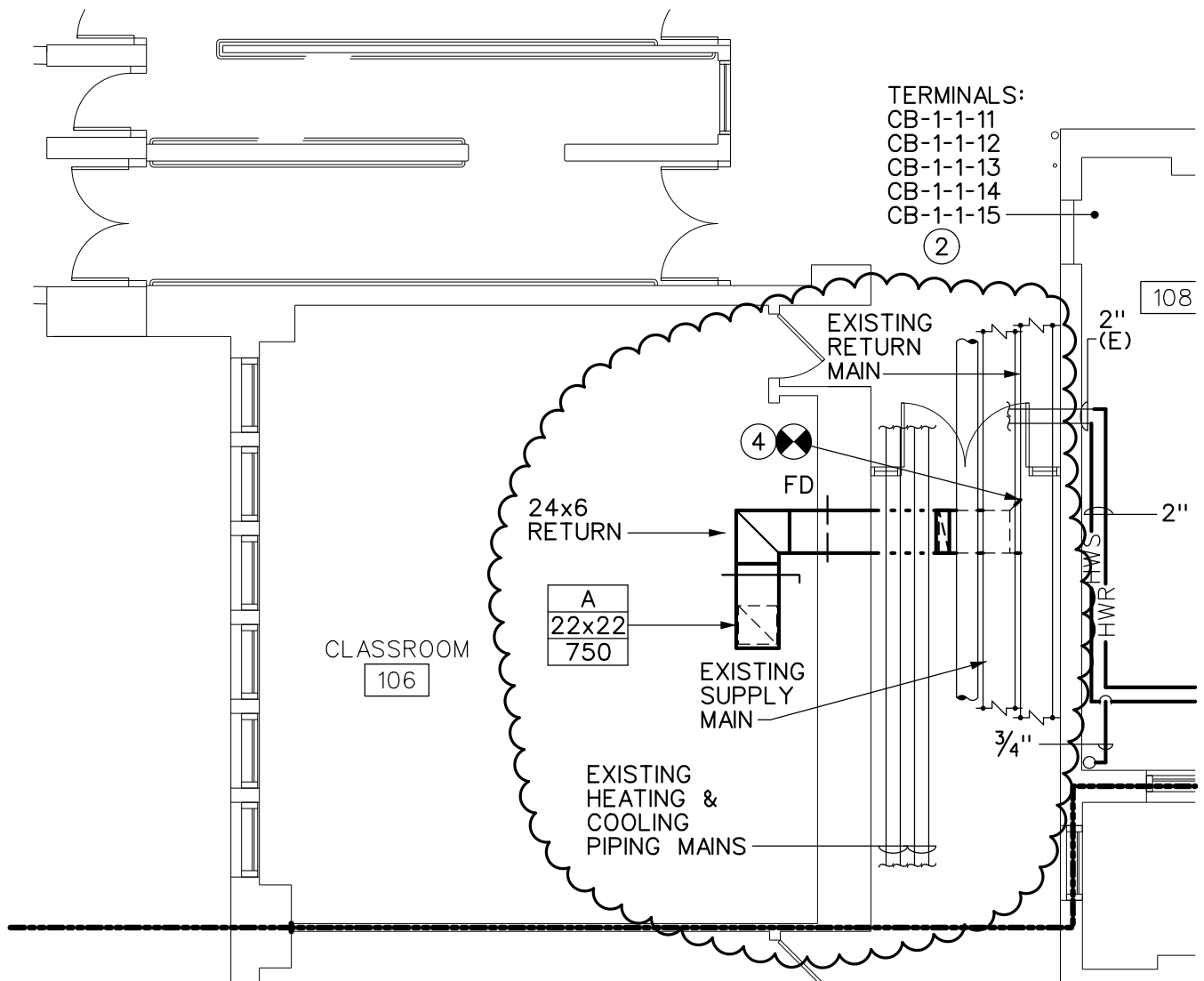
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DRAWING TITLE: HOISTWAY ROOF DETAILS				
PROJECT NO: 1522	DRAWN BY: ME	SCALE: AS NOTED	ISSUE DATE: 8/20/16	REVISION DATE: 8/20/16

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1 CLASSROOM 106 RETURN DUCT PLAN
 M133 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- A. THIS SKETCH IDENTIFIES THE SCOPE OF WORK TO ADD A RETURN AIR SYSTEM TO CLASSROOM 106.

DRAWING REFERENCE NUMBER(S): M133
DRAWING NUMBER: ADD7-M01
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

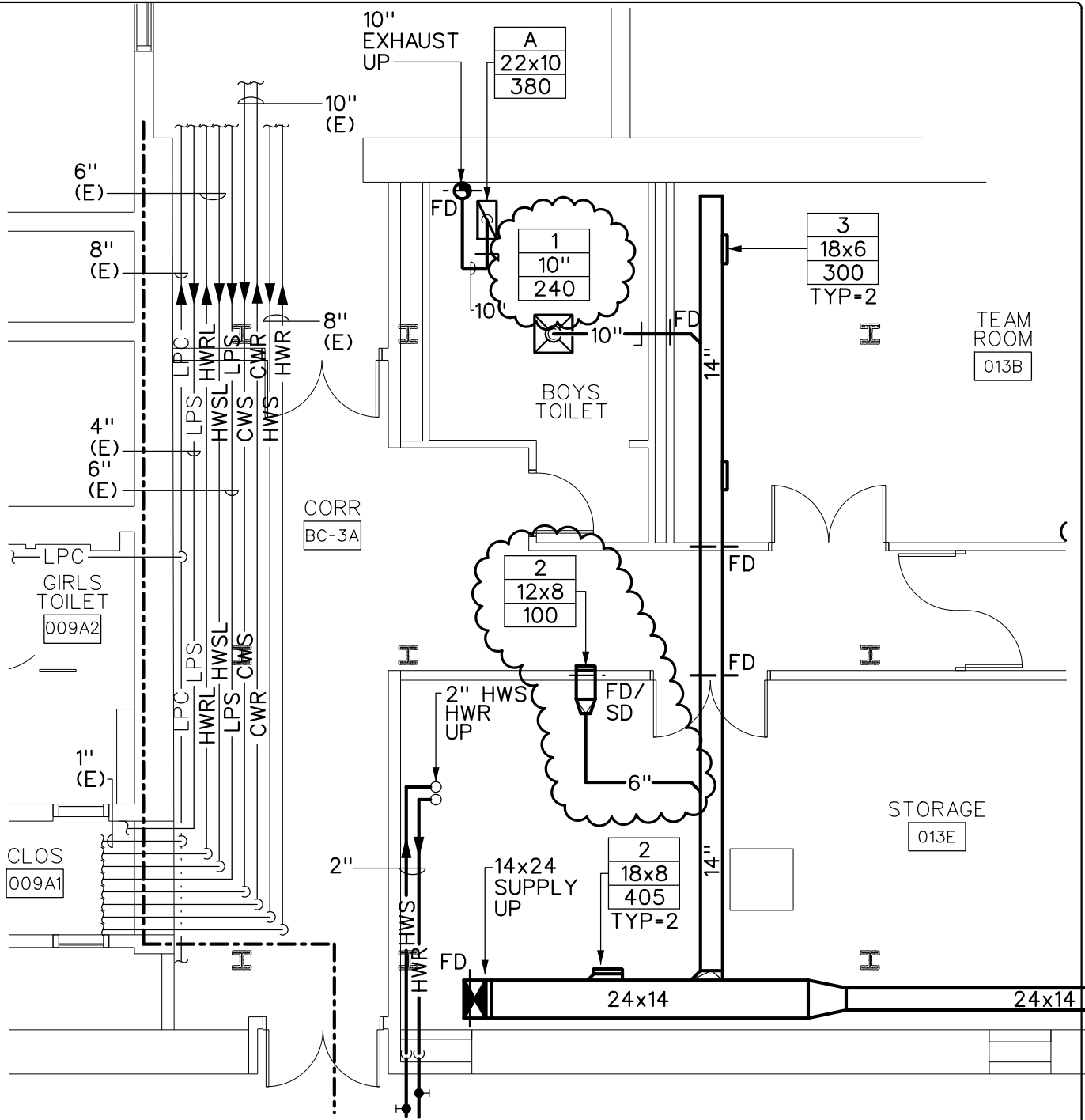
PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: CLASSROOM 106 RETURN DUCT PLAN				
PROJECT NO: 1522	DRAWN BY: AJM	SCALE: AS NOTED	ISSUE DATE: 6/28/16	REVISION DATE: 8/15/16

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1 CORR BC-3A VENTILATION PLAN
 M113 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

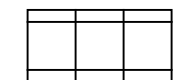
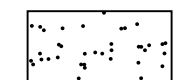


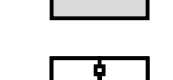


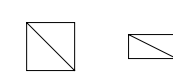
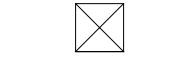
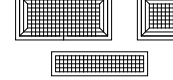
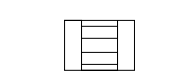






- A. THIS SKETCH IDENTIFIES THE WORK TO PROVIDE VENTILATION TO CORRIDOR BC-3A.

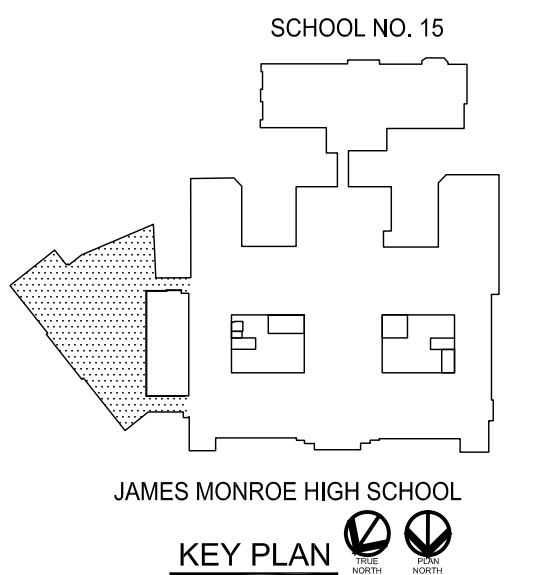
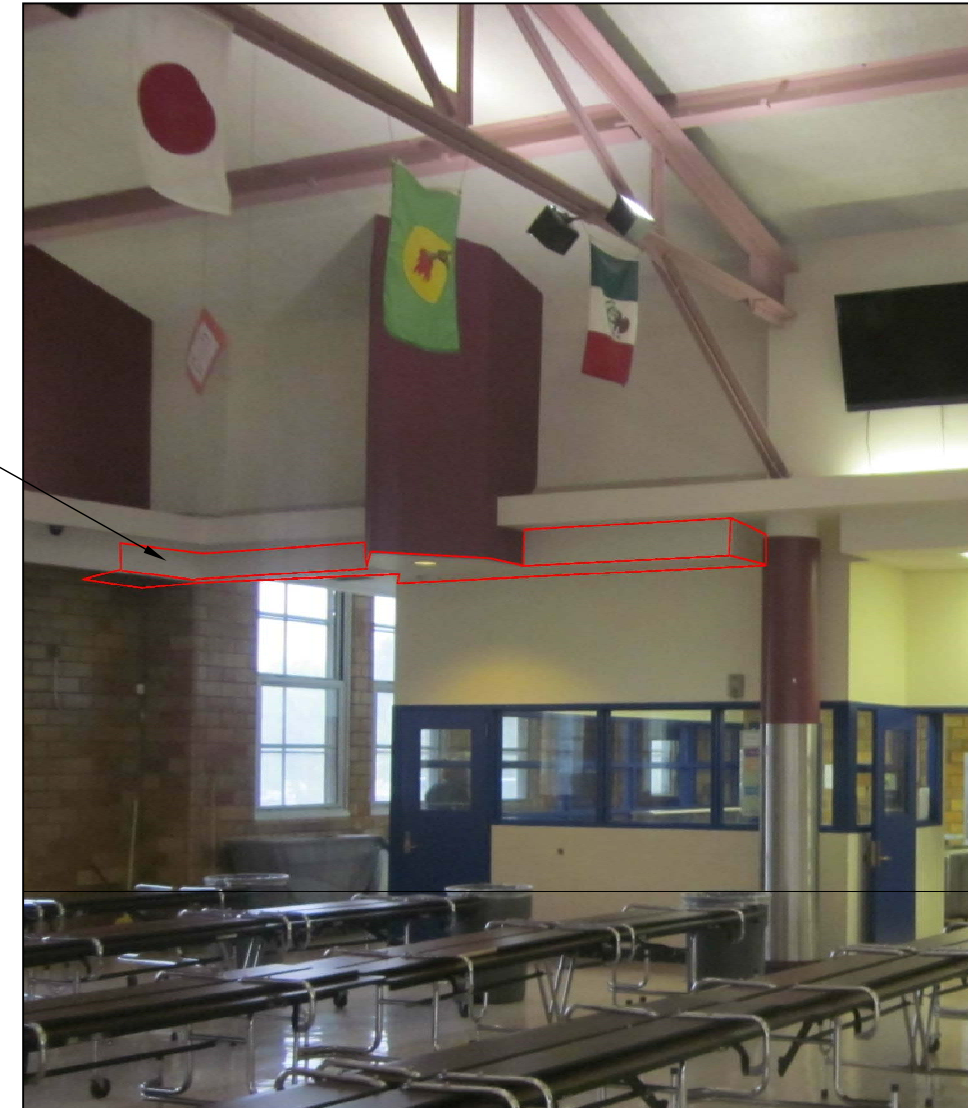
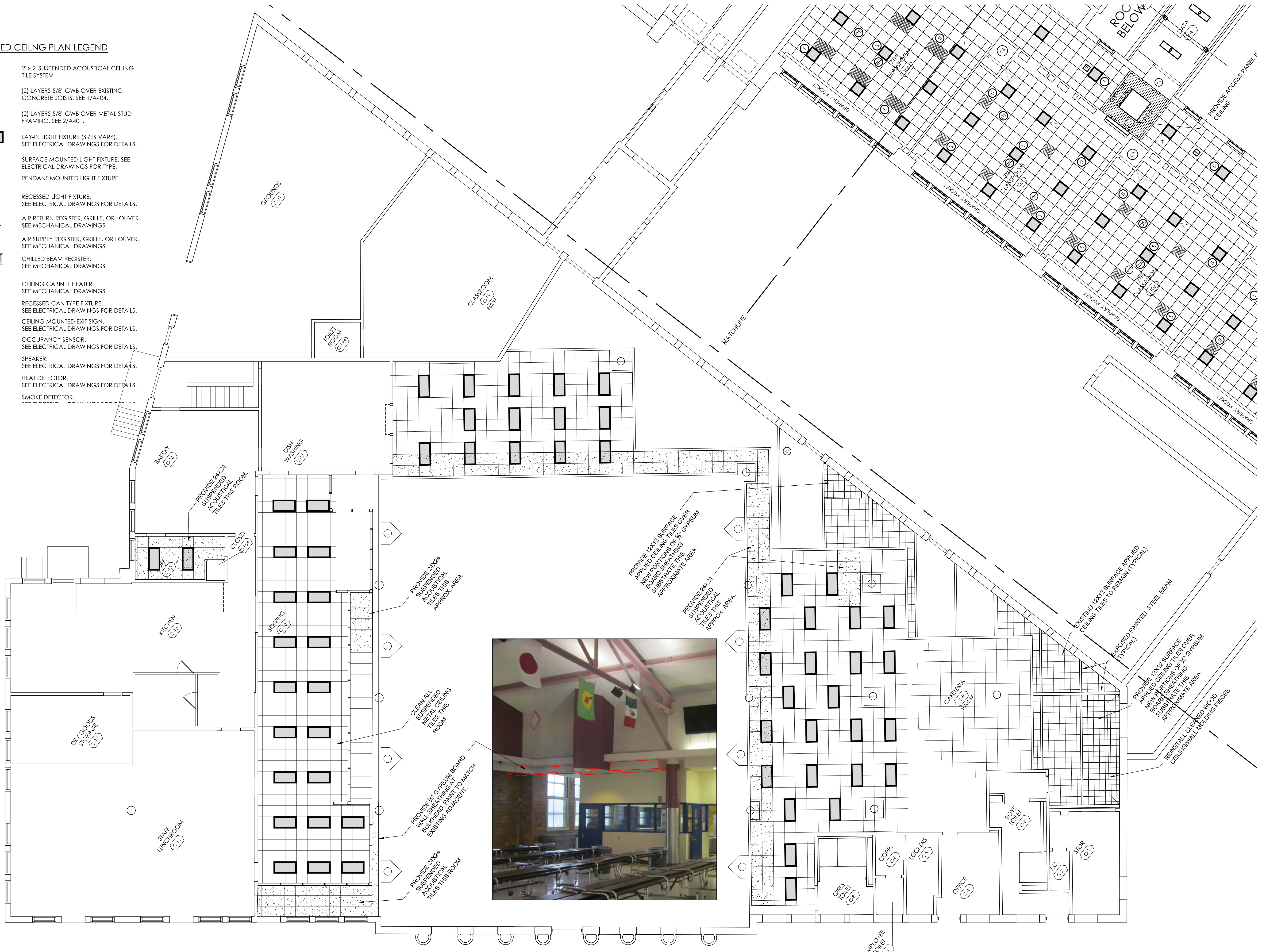
DRAWING REFERENCE NUMBER(S): M113
DRAWING NUMBER: ADD7-M02
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: CORR. BC-3A VENTILATION PLAN				
PROJECT NO: 1522	DRAWN BY: AJM	SCALE: AS NOTED	ISSUE DATE: 6/28/16	REVISION DATE: 8/16/16

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REFLECTED CEILING PLAN LEGEND

-  2' x 2' SUSPENDED ACOUSTICAL CEILING TILE SYSTEM
-  (2) LAYERS 5/8" GWB OVER EXISTING CONCRETE JOISTS. SEE 1/A404.
-  (2) LAYERS 5/8" GWB OVER METAL STUD FRAMING. SEE 2/A401.
-  LAY-IN LIGHT FIXTURE (SIZES VARY). SEE ELECTRICAL DRAWINGS FOR DETAILS.
-  SURFACE MOUNTED LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS FOR TYPE.
-  PENDANT MOUNTED LIGHT FIXTURE.
-  RECESSED LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS FOR DETAILS.
-  AIR RETURN REGISTER, GRILLE, OR LOUVER. SEE MECHANICAL DRAWINGS
-  AIR SUPPLY REGISTER, GRILLE, OR LOUVER. SEE MECHANICAL DRAWINGS
-  CHILLED BEAM REGISTER. SEE MECHANICAL DRAWINGS
-  CEILING CABINET HEATER. SEE MECHANICAL DRAWINGS
-  RECESSED CAN TYPE FIXTURE. SEE ELECTRICAL DRAWINGS FOR DETAILS.
-  CEILING MOUNTED EXIT SIGN. SEE ELECTRICAL DRAWINGS FOR DETAILS.
-  OCCUPANCY SENSOR. SEE ELECTRICAL DRAWINGS FOR DETAILS.
-  SPEAKER. SEE ELECTRICAL DRAWINGS FOR DETAILS.
-  HEAT DETECTOR. SEE ELECTRICAL DRAWINGS FOR DETAILS.
-  SMOKE DETECTOR.



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 DWT #: 26-16-00-01-7-999-019

DRAWING TITLE

**FIRST FLOOR
 REFLECTED CEILING
 PLAN**

JOB NO.	1522
SCALE	1/8" = 1"
DATE	JULY 1, 2016
DRAWN BY	JC, ME
CHECKED BY	CJ
REVISIONS	
8.23.16 Addendum No 7: Added Cafeteria ceiling work	

THIS IS A SINGLE SHEET OF A COHESIVE SET OF CONSTRUCTION DOCUMENTS (INCLUDING DRAWINGS AND SPECIFICATIONS). INTERPRETATION OF THE INFORMATION AS PRESENTED SHOULD BE BASED ON THE ENTIRE SET OF DOCUMENTS.

DRAWING NO.

A410