

**Addendum No. 2**  
**November 27, 2024**

**Project: SIOUX FALLS CAREER & TECHNICAL EDUCATION ACADEMY'S AGRICULTURE  
& CARPENTRY ADDITION PROJECT PD #3471**

Sioux Falls, South Dakota  
Arch Project No. 3057

Architect: Architecture Incorporated

Letting: **Thursday, December 5, 2023**  
**2:00 PM**  
Sioux Falls School District Central Services Center

Scope of this Addendum:

To all bidders and all others to whom drawings and specifications have been issued by Architecture Incorporated, this Addendum forms a part of the Contract Documents. Acknowledge receipt of this addendum by listing its number and date in the bidder's Form of Proposal. Failure to do so may subject bidder to disqualification. This addendum modifies the drawings and specifications as follows:

**GENERAL ITEMS:**

1) PROJECT MANUAL - TITLE PAGE

- a) The Project Manual title page incorrectly identifies PE Group as the project's Electrical Engineer. The Electrical Engineer for this project is Associated Consulting Engineering, Inc as shown on the drawings title page.

2) CONSTRUCTION TESTING

- a) CLARIFICATION: The Contractor shall include all construction testing in his Base Bid.
  - i) Disregard all plan notes on structural drawing Sheet 3.00 that refer to construction testing being provided by the Owner.
  - ii) Article 3.7.A. in Section 321216 "*Hot-Mix Asphalt Paving*" shall be changed to read:

***Testing Agency: The Contractor shall engage a qualified independent testing and inspecting agency to perform field tests and inspections and to prepare test reports.***

3) SECTION 055213 – PIPE AND TUBE RAILINGS

- a) The hinges at the swinging guardrail gates in Mezzanine E200 shall be equal to *Spring Creek Products* heavy-duty 9-inch weld-on barrel hinges (w/ weld plate) with ball bearings and 1/8" NPT grease zerk.

4) SECTION 081113 – HOLLOW METAL DOORS AND FRAMES

- a) Omit Article 2.8.B.4.b.2. and its sub-paragraphs in their entirety; not applicable to this project.

5) SECTION 084113 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

- a) Provide continuous geared hinges at all aluminum storefront entrances; disregard all reference to pivot hinges.
  - i) Continuous, Gear-Type Hinges: Extruded-aluminum, pinless, geared hinge leaves joined by a continuous extruded-aluminum channel cap; with concealed, self-lubricating thrust bearings.
    - (1) Grade: Grade [1-150].
    - (2) Mounting: [**Concealed leaf**].
    - (3) Provide electrified power transfer continuous geared hinges at locations specified to received electrified door hardware.
- b) Omit all reference to thresholds being provided by Section 084113. Thresholds at aluminum entrance locations (where scheduled) shall be furnished by Section 087110 and installed by Section 084113.

6) SECTION 083613 – SECTIONAL OVERHEAD DOORS

- a) Article 2.7.A.6.a. shall be changed to read as follows:

***Provide [high lift] track configuration with [jackshaft] operator at door opening E106-4.***
- b) Omit Article 2.7.A.11.g. in its entirety; audible and visual signal equipment shall not be required to indicate when sectional overhead doors are in motion.

7) SECTION 114113 – LAUNDRY SERVICE EQUIPMENT

- a) CLARIFICATION: Only one (1) laundry dryer is required; disregard all reference to two (2) laundry dryers in Article 3.3

8) SHEET 3.00 – GENERAL STRUCTURAL NOTES

- a) CLARIFICATION: Special Inspections – Special inspections, and all costs associated with special inspections, shall be paid by the “**CONTRACTOR**”.

9) SHEET 4.10A – FLOOR PLAN

- a) The Type 1 borrowed lite that occurs in the precast wall between Barn E108 and Animal Science E100 (south of door E108-4) shall be changed to a Type 2 borrowed lite.
  - i) Reference *revised* drawing Sheet 4.31 attached to Addendum #2 for additional information.
- b) CLARIFICATION: The tables shown around the perimeter (and in the middle) of Green House E112A shall not be included in the Contractor’s Base Bid. These items will be Owner-furnished / Owner-installed.
- c) CLARIFICATION: All livestock gates shall be 4’-4” high as specified per Section 323116.
  - i) The keynote north of overhead door opening E108-6 which reads 8’-0” WIDE X 5’-0” HIGH *PREFINISHED LIVESTOCK GATE* shall be changed to read:

***8’-0” WIDE X 4’-4” HIGH PREFINISHED LIVESTOCK GATE***

- d) The Contractor shall include furnishing and installing a 1.5” OD single steel pipe detectable cane rail beneath the stair stringer in Feed E108A. Length: 7’-6”. Height: 24” A.F.F. to top of pipe. Assembly to be bolted to floor.
- e) Reference (attached) *supplemental* drawing SD-1, dated 11-27-24, attached to the end of this addendum for additional information / details for the oil/sand interceptor in Equipment E106. Oil/sand interceptor to be furnished and installed by the General Contractor.
  - i) The interceptor may be cast-in-place or precast – Contractor’s option.
  - ii) Acceptable Precaster: Josten Concrete Product Company, Inc (Sioux Falls, SD).

10) SHEET 4.20 – 1<sup>st</sup> Floor Finish Plan

- a) CLARIFICATION: The exposed concrete floor slab in Chase E154 shall be treated with a floor densifier and a receive one coat of floor sealer.

11) SHEET 4.31 – DOOR DETAILS & BORROWED LITE SCHEDULE & DETAILS

- a) Borrowed lite Type 2 has been added to the *Borrowed Lite Types Schedule*.
  - i) The Type 1 borrowed lite that occurs in the precast wall between Barn E108 and Animal Science E100 (south of door E108-4) shall be changed to a Type 2 borrowed lite.
  - ii) Reference (attached) *revised* drawing Sheet 4.31, revision dated 11-27-24, attached to the end of this addendum for additional information.

12) SHEET 5.11 – WINDOW / STOREFRONT ELEVATIONS AND DETAILS

- a) Reference detail 7/5.11: Omit the *METAL FLASHING* keynote that points to the sill of the aluminum storefront framing; not required.

13) SHEET 5.42 – SECTION DETAILS

- a) Reference detail 2/5.42: The keynote that reads “*FILL VOID WITH BATT INSULATION*” shall be changed to: “*FILL VOID WITH SPRAY FOAM INSULATION*”.

14) SHEET 6.10 – REFLECTED CEILING PLANS

- a) Reference (attached) *revised* drawing Sheet 6.10, revision dated 11-27-24, attached to the end of this addendum for the following:
  - i) The masonry wall that occurs between Animal Science E110 and Coats E109 / Storage E110A shall extend up to and be sealed to the underside of the roof deck.
  - ii) The masonry wall that occurs between Horticulture Classroom E111 Storage E111A shall extend up to and be sealed to the underside of the roof deck.
  - iii) The masonry wall that occurs between Storage E113 and Corridor E114 shall extend up to and be sealed to the underside of the roof deck.
  - iv) Reference *new* detail 1/6.10 for the head detail at door E107V-2.

**MECHANICAL ITEMS:**

1) SECTION 220600 - HEATING

- a) Add the following to Article 1.09 “*ENERGY EFFICIENCY SEPARATED COMBUSTION BOILERS*”:

***The boiler shall have a 75psi pressure relief valve. NOTE: The mechanical contractor’s Base Bid shall include replacing the 50 psi relief valves on the two (2) existing boilers with 75 psi relief valves.***

- b) Add the following to Article 1.11 “*HEATING AND COOLING SYSTEMS COIL DAMAGE PROTECTION*”:

***Only the new hydronics systems shall be flushed and cleaned. Fill to the pg percentages specified.***

2) SHEET 8.10 – LEGENDS & DETAILS

- a) Reference the *AHU HEATING/COOLING COIL PIPING DIAGRAM*:

- i) Change the AHU heating coil detail from a two-way control valve to a three-way control valve with manual balance valve.

3) SHEET 8.20 – UNDERFLOOR PLANS - PLUMBING

- a) Replace Keynote #14 with the following:

***The trench drain assembly in Equipment E106 shall be ZURN MODEL #Z886-HDG-GDE or equal. The trench drain assembly in Barn E108 shall be ZURN MODEL #Z886-HDS-SBG or equal.***

4) SHEET 8.21 – 1<sup>st</sup> FLOOR PLANS – PLUMBING & HEATING

- a) Replace Keynote #11 with the following:

***The trench drain assembly in Equipment E106 shall be ZURN MODEL #Z886-HDG-GDE or equal. The trench drain assembly in Barn E108 shall be ZURN MODEL #Z886-HDS-SBG or equal.***

GENERAL APPROVALS:

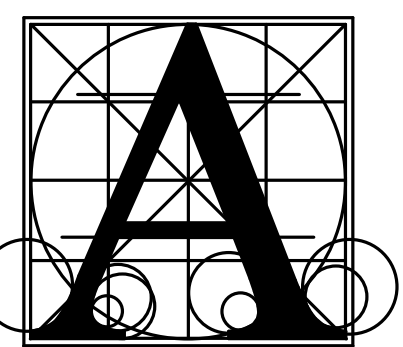
The following material or equipment furnished by the manufacturers listed, may be substituted as equivalent providing that each item, material, and piece of equipment conforms to the design and requirement of the specifications.

<u>SECTION</u>	<u>ITEM</u>	<u>MANUFACTURER</u>
220400	Flush Valves	American Standard
220400	Sensor Faucets	American Standard
220400	Water Heaters	PVI
230800	Air Handling Units	VTS
230800	Energy Recovery Units	VTS
230800	Fan-Powered VAV Terminals	Greenheck
230800	VAV/Reheat Terminals	Greenheck
265119	Interior Lighting	
	Type A/AE	Elite
	Type B2	Elite
	Type C/CE	Elite
	Type C2	Alphabet
	Type C2	USAI Lighting
	Type D/DE	Elite
	Type E4/E5	Beghelli
	Type E6/E7	Mule Lighting
	Type F	Elite
	Type G	Elite
	Type N	GM Lighting
	Type W1, W2	NLS Lighting
	Type Z	Elite
	Type AA	NLS Lighting

END OF ADDENDUM No. 2

GENERAL NOTES - FLOOR PLAN

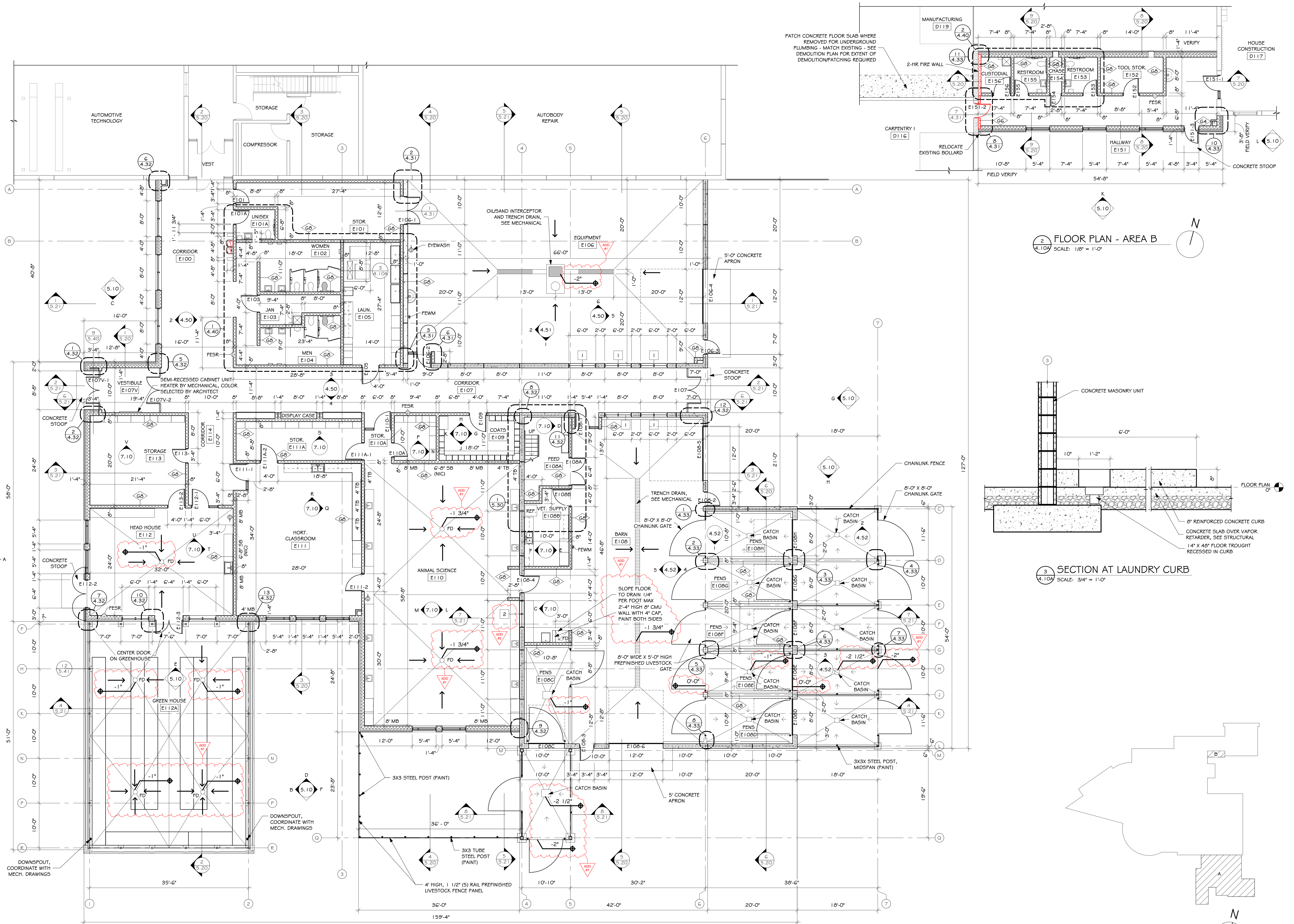
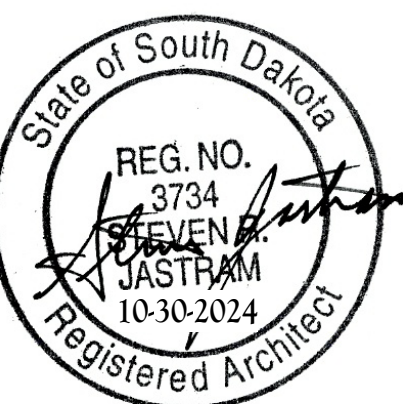
- A. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE. REPORT DISCREPANCIES TO THE ARCHITECT.
- B. REFER TO SHEET 4.10 FOR WALL TYPES.
- C. WHERE WALLS WERE REMOVED, PATCH EXISTING WALL TO MATCH ADJACENT SURFACE AND FINISH. (TYPICAL).



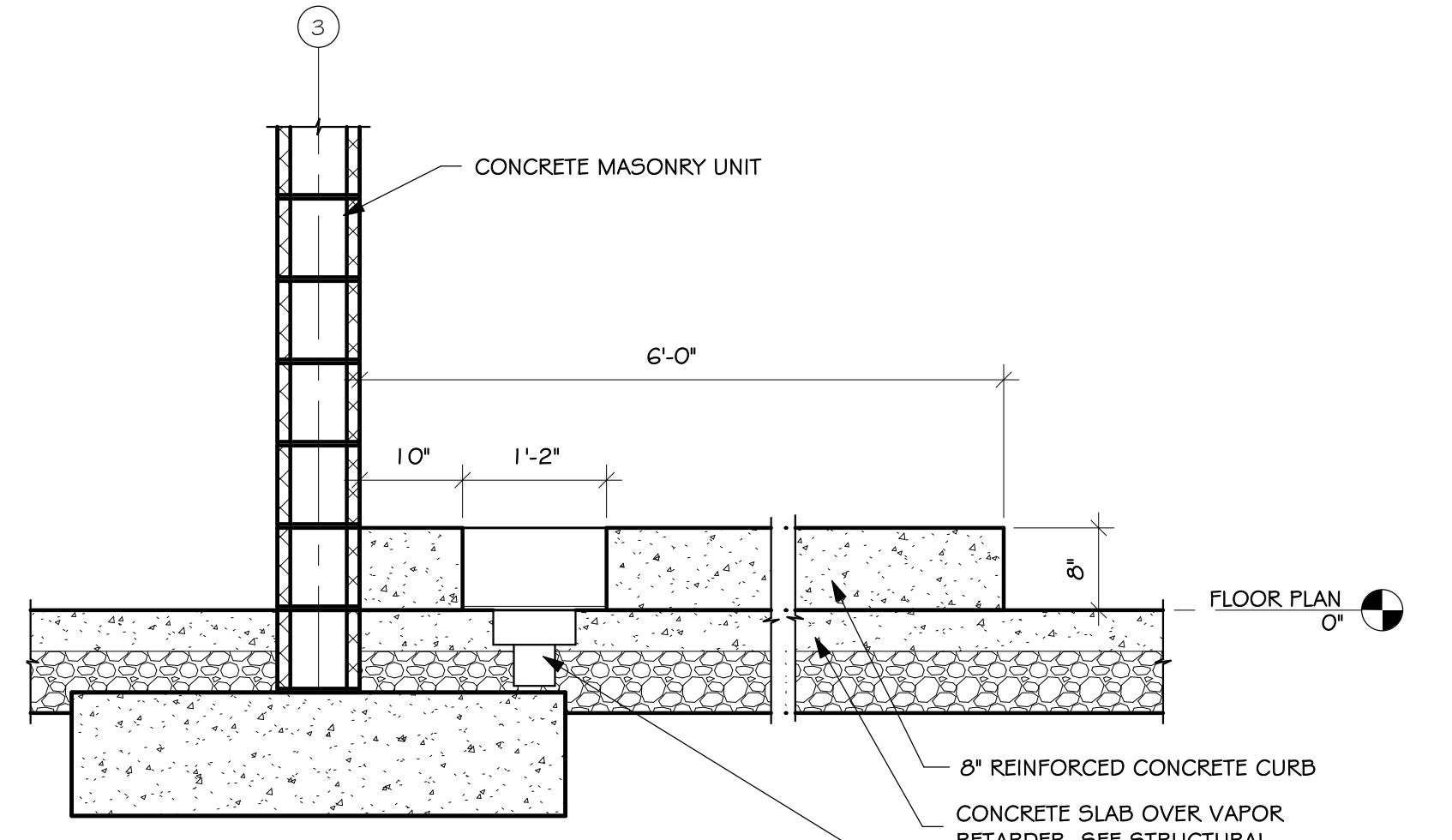
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2 FLOOR PLAN - AREA B  
SCALE: 1/8" = 1'-0"



3 SECTION AT LAUNDRY CURB  
SCALE: 3/4" = 1'-0"

1 FLOOR PLAN - AREA A  
SCALE: 1/8" = 1'-0"

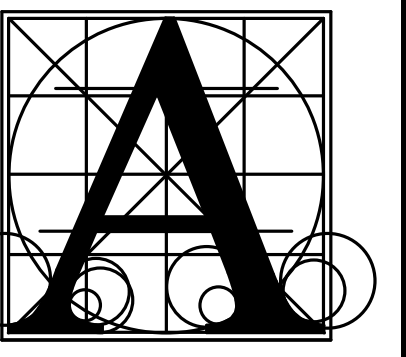
SIoux FALLS CAREER & TECHNICAL EDUCATION ACADEMY'S  
AGRICULTURE & CARPENTRY ADDITION PROJECT PD #3471

Project	SIoux Falls Career & Technical Education Academy's Agriculture & Carpentry Addition Project PD #3471
Number	1121.3057.23
Date	OCTOBER 30, 2024
Revision	
Drawn	MS/CJM checked SRJ

DATE	DESCRIPTION
11-22-2024	ADD #1
11-27-2024	ADD #2

4.10A

11/26/2024 5:45:03 PM



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AGRICULTURE & CARPENTRY ADDITION PROJECT PD #3471

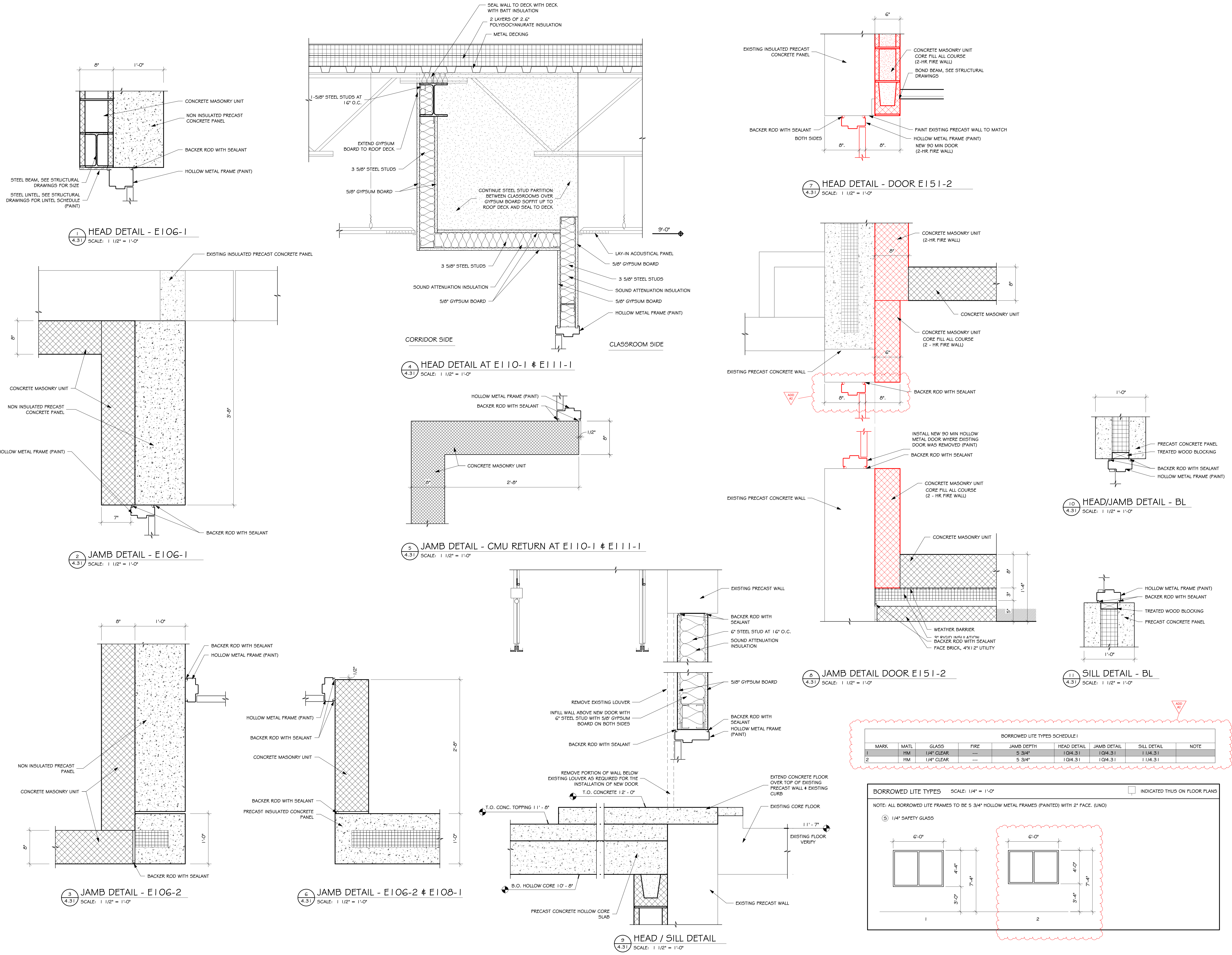
DOOR DETAILS & BORROWED LITE SCHEDULE & DETAILS

Project number 1121.3057.23  
date OCTOBER 30, 2024  
revision  
drawn MS checked SRJ

DATE DESCRIPTION  
11-27-2024 ADD #2

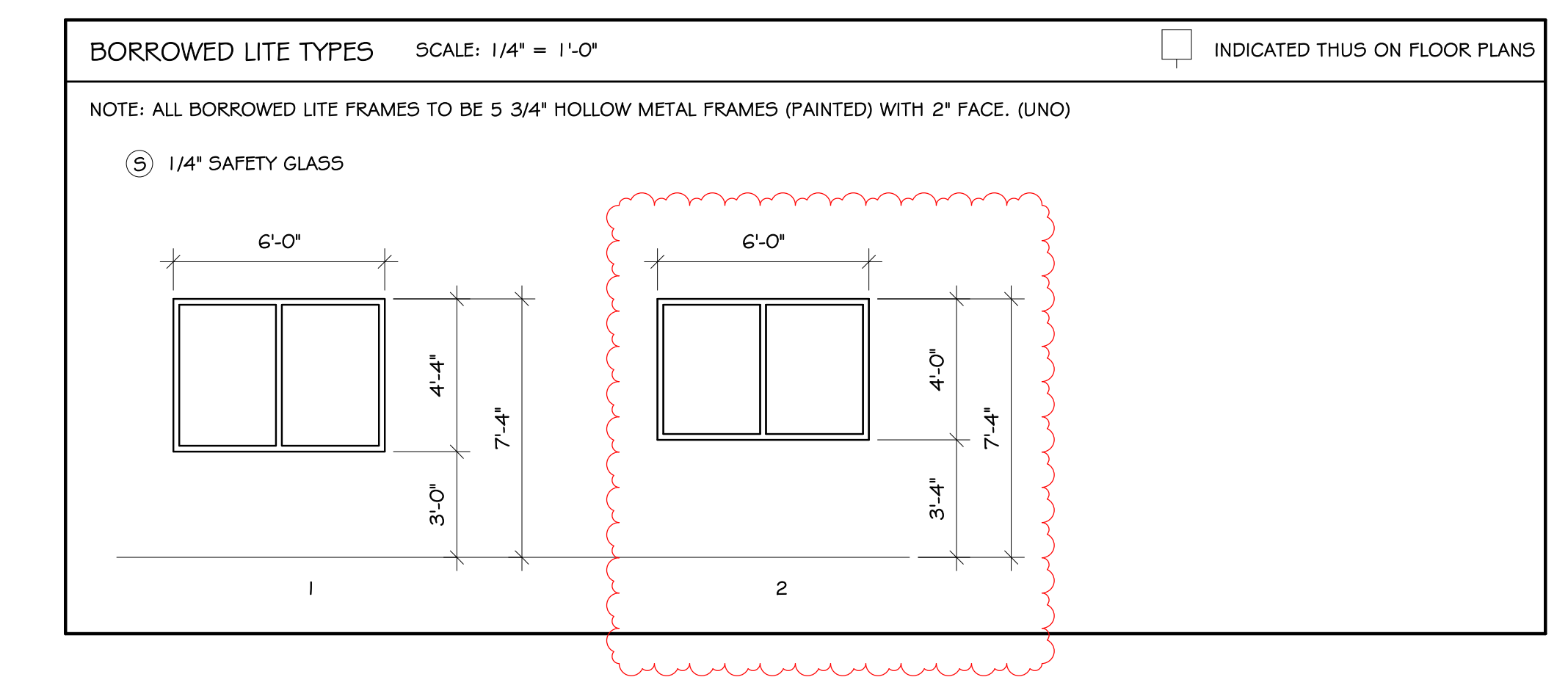
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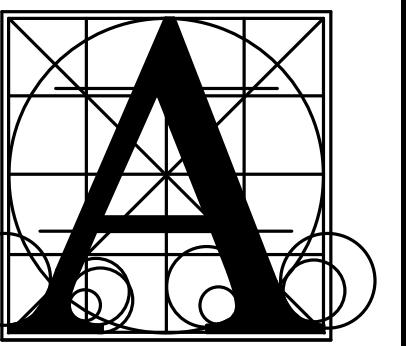


BORROWED LITE TYPES SCHEDULE I

MARK	MATL	GLASS	FIRE	JAMB DEPTH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	NOTE
1	HM	1/4" CLEAR	---	5 3/4"	104.31	104.31	114.31	
2	HM	1/4" CLEAR	---	5 3/4"	104.31	104.31	114.31	



11-27-2024 ADD #2



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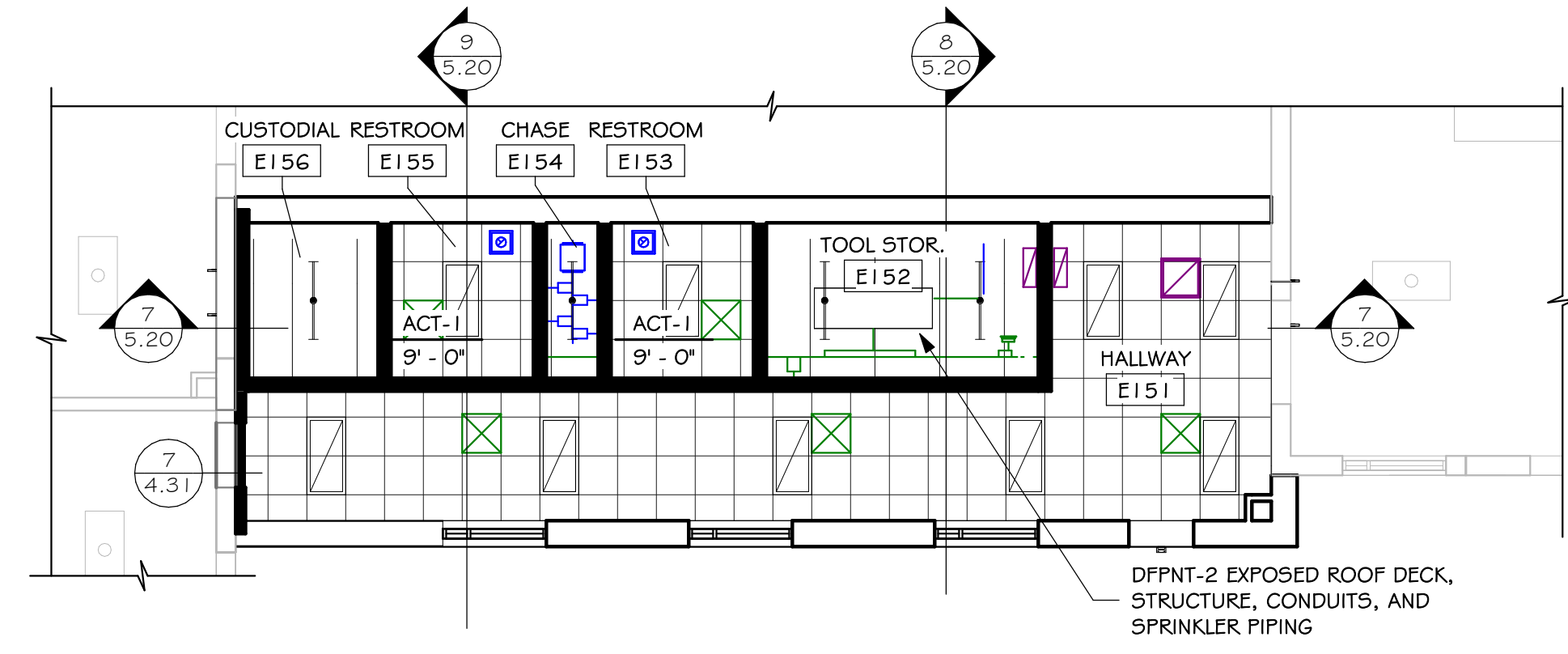


GENERAL NOTES - REFLECTED CEILING PLAN

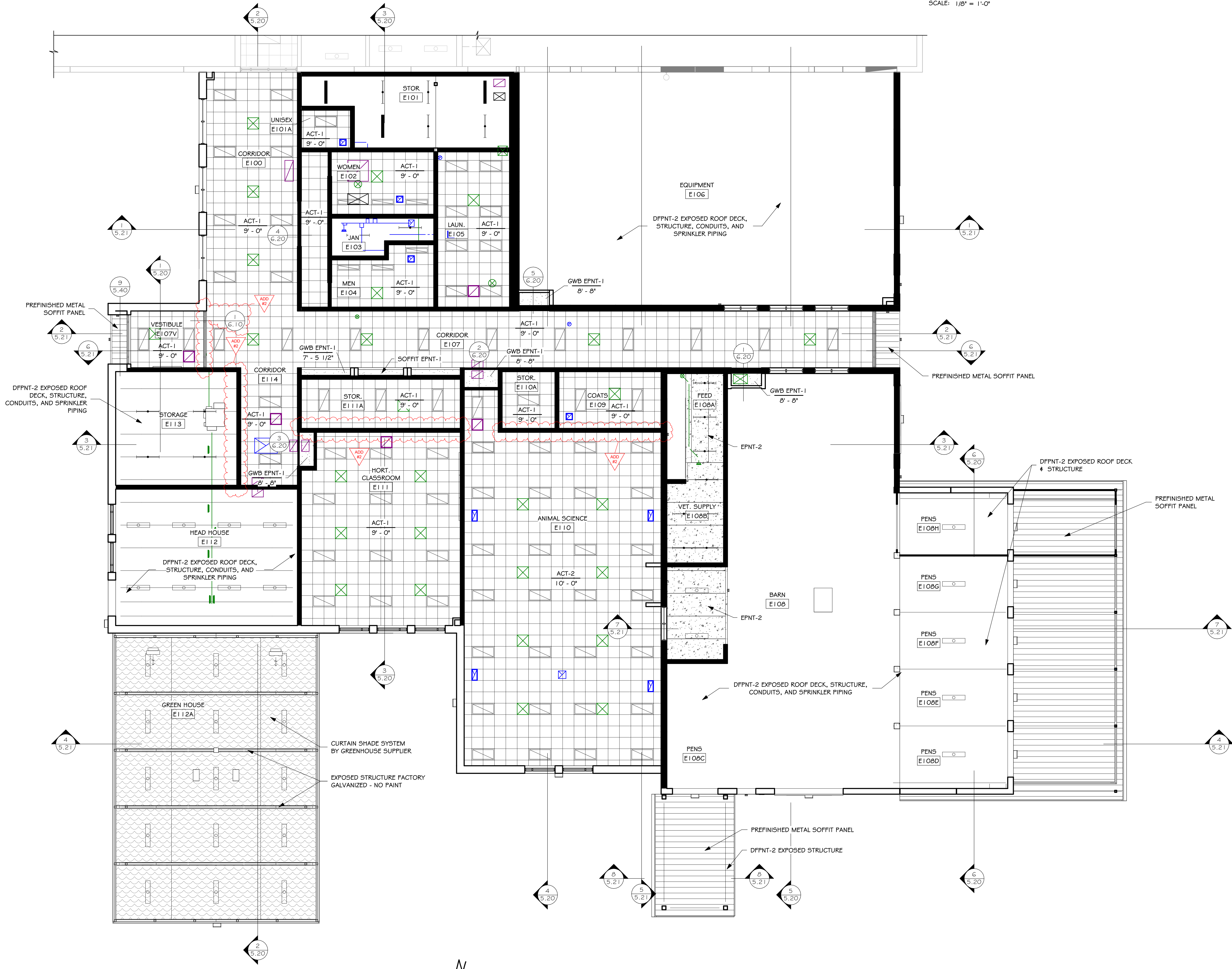
- A. GENERAL CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS AT THE JOB SITE AND NOTIFY ARCHITECT OF DISCREPANCIES.
- B. SUSPENDED CEILING TO BE CENTERED WITH BALANCE GRID DESIGN WITH EDGE UNITS NO LESS THAN 50% OF THE TILE SIZE.
- C. ALL BULKHEAD AND SOFFITS SHALL EXTEND 2 INCHES BELOW ADJACENT CEILING HEIGHT UNLESS NOTED OTHERWISE.
- D. REFLECTED CEILING PLANS SHOW LOCATIONS OF ITEMS THAT ARE ARCHITECTURALLY SIGNIFICANT ONLY. MECHANICAL AND ELECTRICAL ITEMS INDICATED ARE FOR REFERENCE ONLY. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS.
- E. PAINT HORIZONTAL AND VERTICAL FACES OF SOFFITS SPECIFIED PAINT COLOR, UNLESS NOTED OTHERWISE. REFER TO RCF FOR PAINT COLOR.

CEILING LEGEND

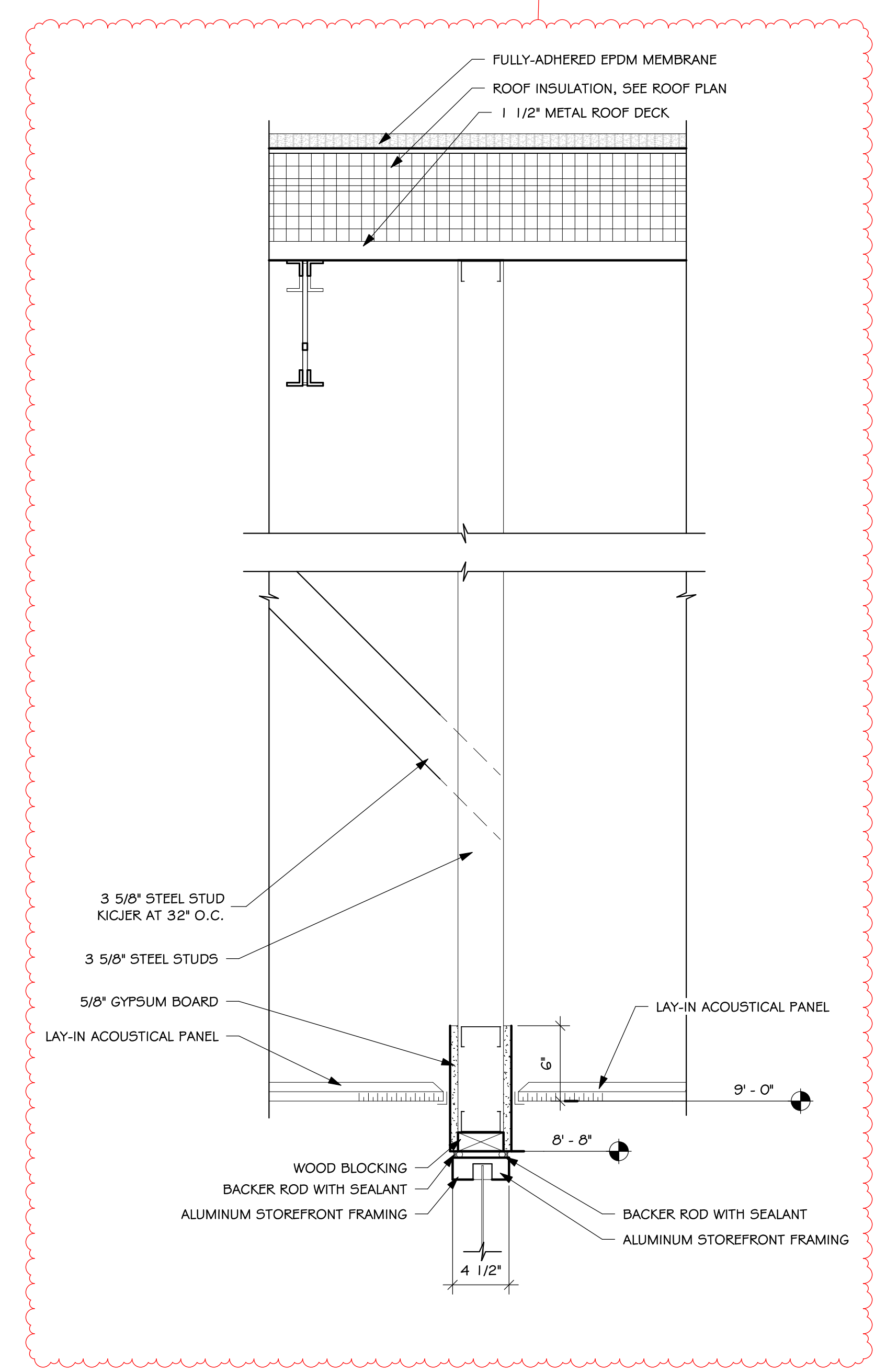
PATTERN	DESCRIPTION	COMMENTS
[Grid Pattern]	HATCH INDICATES 2' X 2' SUSPENDED GRID AND ACOUSTICAL CEILING TILE	
[Stippled Pattern]	HATCH INDICATES GYPSUM BOARD WITH SMOOTH FINISH AND PAINT	
[Solid Black]	WALL EXTENDED & SEALED TO STRUCTURE ABOVE TO PREVENT AIR/SOUND TRANSFER FROM ROOM TO ROOM	
[Dashed Line]	WALL TO ABOVE CEILING	
[Double Line]	WALL UP TO CEILING	



REFLECTED CEILING PLAN - FLOOR PLAN - AREA B  
SCALE: 1/8" = 1'-0"



REFLECTED CEILING PLAN - AREA A  
SCALE: 1/8" = 1'-0"



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

SIoux FALLS CAREER & TECHNICAL EDUCATION ACADEMY'S  
AGRICULTURE & CARPENTRY ADDITION PROJECT PD #3471

REFLECTED CEILING PLANS

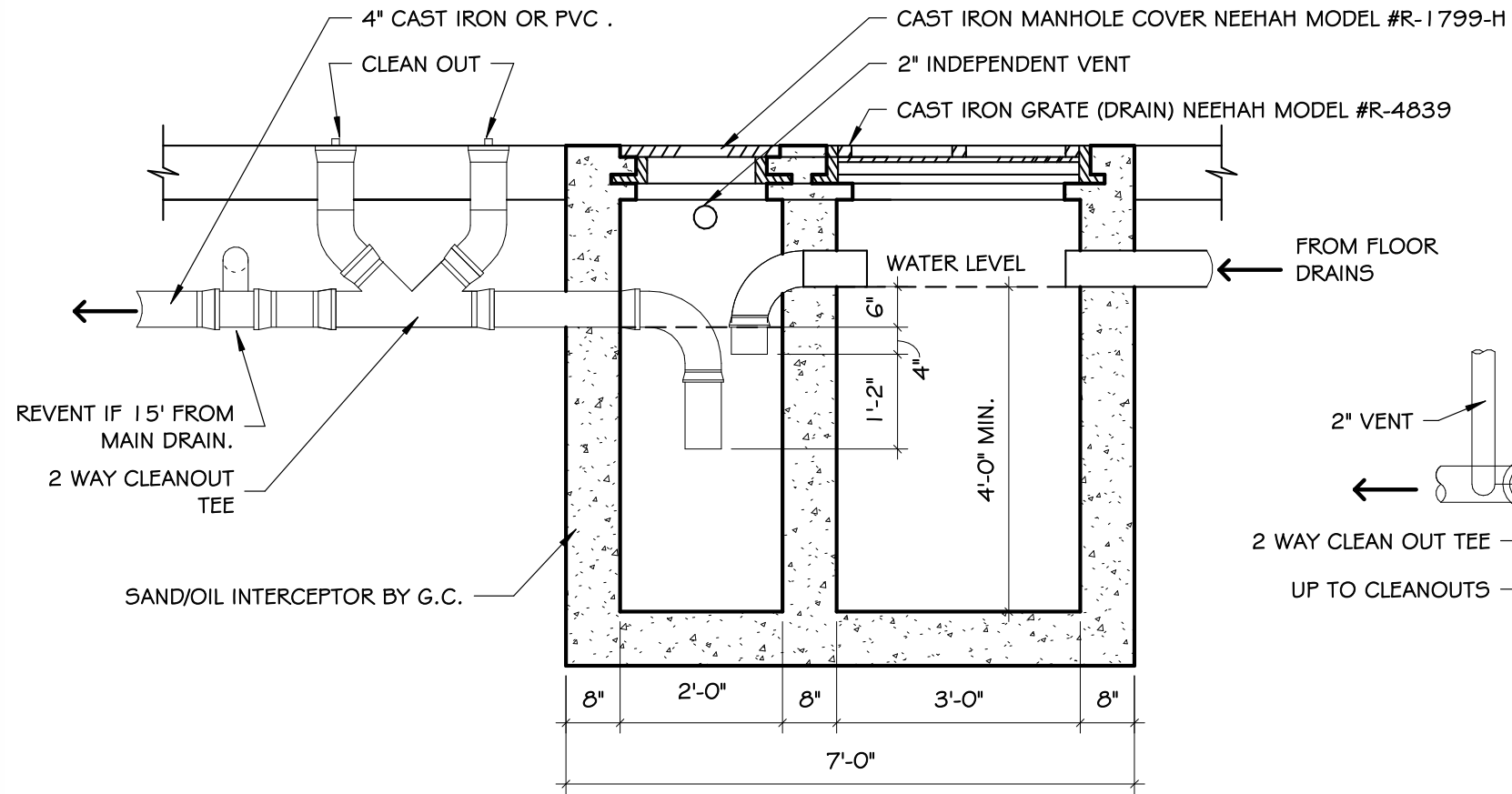
number	1121.3057.23
date	OCTOBER 30, 2024
revision	
drawn	BJO checked SRJ

DATE	DESCRIPTION
11-27-2024	ADD #2

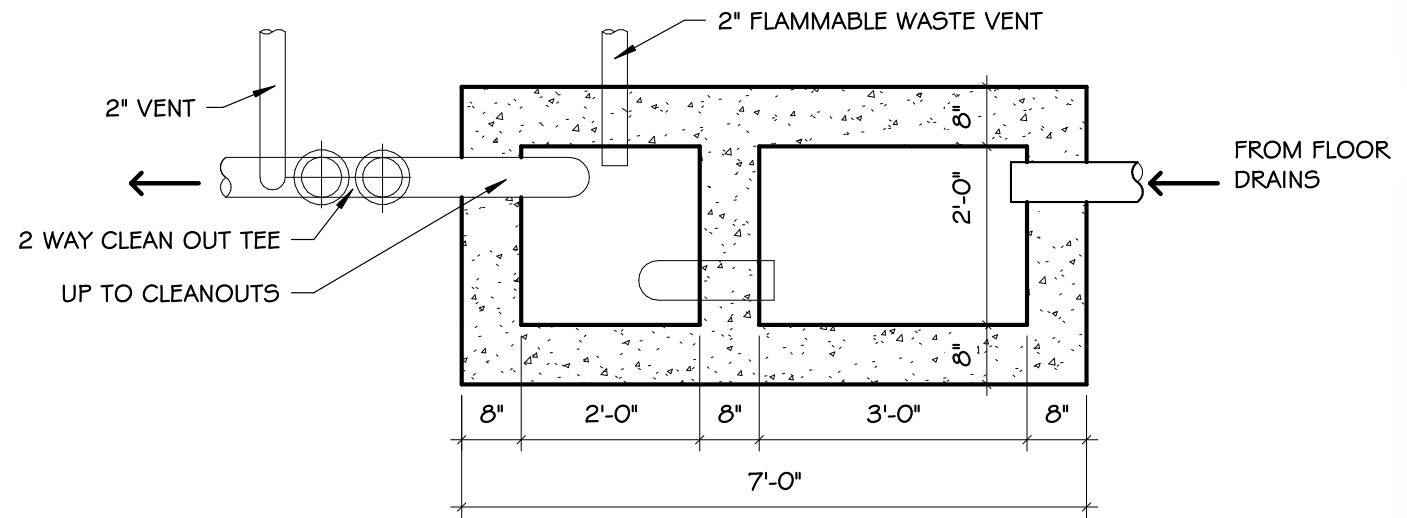
6.10



NOTE:  
 REINFORCING STEEL #4 BAR SPACED 1 2" O/C WILL BE REQUIRED FOR WALLS,  
 FLOOR AND LIDS WITH A THICKNESS GREATER THAN 6"



SECTION



PLAN

8 OIL INTERCEPTOR PIT  
 G5.40 NOT TO SCALE

DRAWING

SD-1  
 REF SHEET:  
 4.10A

Project SIOUX FALLS CAREER & TECHNICAL EDUCATION ACADEMY'S AGRICULTURE & CARPENTRY ADDITION PROJECT PD #3471

number C1121.3057.23

date NOVEMBER 27, 2024

drawn JEP checked SRJ

revision

**Architecture Incorporated**  
 sioux falls and rapid city, south dakota

