

SECTION 00 9111
ADDENDUM NUMBER 01

PARTICULARS:

DATE: August 19, 2024

PROJECT: S-29 Miller Armory Latrine Addition

PROJECT NUMBER: 2112209640

OWNER: Iowa Army National Guard

ARCHITECT: Shive-Hattery, Inc.

TO: PROSPECTIVE BIDDERS:

THIS ADDENDUM FORMS A PART OF THE BIDDING AND CONTRACT DOCUMENTS AND MODIFIES THE BIDDING DOCUMENTS DATED 7-25-2024 WITH AMENDMENTS AND ADDITIONS NOTED BELOW. THIS ADDENDUM SUPERSEDES AND SUPPLEMENTS ALL PORTIONS OF THE ORIGINAL BIDDING AND CONTRACT DOCUMENTS WITH WHICH IT CONFLICTS.

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

GENERAL CLARIFICATIONS

1. The Opinion of Probable Cost for this project is \$1,300,000.
2. Owner will remove all markerboards out of the JNN lab.
3. Owner will be out of the offices outside of the JNN lab.

BIDDER QUESTIONS

4. **Q:** Is there scope for removal of existing exterior sanitary sewer in Alternate #1?

A: *No, there are no removals of exterior sanitary expected in Alternate #1. The intent of Alternate #1 is to deduct the external scope as shown in the base bid and add in the interior plumbing scope including ejector pump/pit and associated connections that are noted to be included in Alternate #1.*

5. **Q:** The site drawings do not show a staging area. Is there a set location?

A: *There is not presently a set location as this will be dependent on the amount of area required by the contractor for this work. The staging area is to be coordinated with and approved by the Owner prior to mobilization.*

6. **Q:** Whose responsibility is site restoration?

A: *Site restoration is the responsibility of the contractor.*

7. **Q:** What is required for dust control inside the building?

A: *Per the Architectural Demolition Notes: it is the responsibility of the contractor to ensure that dust and debris are prevented from entering the existing HVAC system and adjoining spaces with temporary barriers.*

8. **Q:** Whose responsibility is the relocation of the telecommunications services?

A: *Mediacom will be relocating the line and pedestals. Contractor is responsible for coordinating this work directly with Mediacom. Mediacom Contact – Daniel Shepard – 845-394-7076*

9. **Q:** The S-29 project needs a clarification on the type of sinks. At plan detail B4/A211 it calls out integral sinks (SS1), but on Plumbing Fixture Schedule on P600 it calls out Elkay Gourmet Lustertone series compartment undermount sink. Which is correct?

A: *Contractor shall proceed with the stainless-steel sink by Elkay.*

10. **Q:** The S-29 Miller Armory Latrine Addition includes solid surface shower wall panels and shower pan. However, I don't see any specifications for the showers. The panel sizes as noted on A101 Key notes A10.23 thru A10.26, don't appear to match up to prefabricated panels. Height per the Keynote for the solid surface panels are 120" (10'), but the plan has a gypsum ceiling of 8'8". Standard panel height is 8'. It appears in the shower details B4 & D4/A210 that the shower panels are 8' tall with tile above. Please clarify the type, size, and color of system to be used.

A: *Specification Section 06 6100 has been added via Addendum #1. The panel sizes shall be prefabricated sizing, as indicated in the drawings. The height of the panels shall be the standard 96" (8'). Extend the wall tile above the shower to the ceiling.*

CHANGES TO THE SPECIFICATIONS

06 4100 – ARCHITECTURAL WOOD CASEWORK

1. **REPLACE** Article 1.4.A to read as follows:

A. **QUALITY ASSURANCE:** Comply with AWI (QCP) woodwork association quality standards. Project certification will not be required.

06 6100 – SOLID SURFACE SHOWER SURROUNDS

1. **ADD** specification in its entirety.

07 7537 – PVC MEMBRANE ROOFING – FULLY ADHERED

1. **DELETE** Article 2.1.A.3 and its sub-paragraph.

09 5100 – ACOUSTICAL CEILINGS

1. **REVISE** Article 2.1.B Acoustical Panels, Type ACP2: to read as follows:

“Lay-in gypsum ceiling panels with membrane-faced overlay, with the following characteristics:

1. Basis of Design: Model 3260, by USG.”

Note: Armstrong equivalent will be accepted.

CHANGES TO THE DRAWINGS

A101 – FLOOR PLAN AND ENLARGED PLAN

1. FLOOR PLAN A3: **REVISE** “Women’s Shower #175A, shower base from (44” x36”) to (36”x36”) and shift walls to match revised shower base.”
2. FLOOR PLAN A3: **REVISE** “Wall tag, for plan south CMU wall, to indicate 2 HR. fire rating.”
3. FLOOR PLAN C4: **REVISE** “Women’s shower #175A, Plan updated.”
4. KEYNOTE SCHEDULE: **REVISE** “Remove keynote A10.24.”

A111 – REFLECTED CEILING PLAN AND ROOF PLAN

1. FLOOR PLAN C4: **REVISE** “Women’s shower #175A, Plan updated.”

A141 – EQUIPEMENT PLAN

1. FLOOR PLAN A2: **REVISE** “Women’s shower #175A, Plan and Equipment updated.”

A210 – INTERIOR ELEVATIONS AND CASEWORK DETAILS

1. DETAIL D1, E2, A3: **REVISE** “Detail Call out.”

A211 – INTERIOR ELEVATIONS AND CASEWORK DETAILS

1. DETAIL B4: **REVISE** sink note to read: “stainless steel sink, refer to plumbing.”

A320 – INTERIOR PARTITION INFORMATION

1. M#A WALL TYPES SCHEDULE: **REVISE** “Wall type schedule to show the 2 HR fire rated wall and UL number.”

P100 – STORM, SANITARY AND VENT UNDERFLOOR PLAN

1. **REVISE** the sanitary and vent piping to the showers in the women’s shower area.

P101 – STORM, SANITARY AND VENT FLOOR PLAN

1. **REVISE** the sanitary and vent piping to the showers in the women’s shower area.

P201 –DOMESTIC WATER FLOOR PLAN

1. **REVISE** the domestic water piping to the showers in the women’s shower area.

E101 – FIRST FLOOR ELECTRICAL DEMO & LIGHTING PLAN

1. **ADD** to Lighting note #7. “EXTEND EXISTING LIGHTING CONTROL SYSTEM. ROOMS WITH DIMMER SWITCH TO HAVE 0-10V CONTROL AND BE MANUAL ON AND AUTOMATIC OFF.”

ROOMS WITHOUT DIMMING CONTROL TO BE AUTOMATIC ON AND AUTOMATIC OFF. ALL NEW LIGHTING CONTROLS TO BE HUBBELL.”

2. **ADD** X2 exit sign above door 161F-1 and 161F-2.

E600 – FIRST FLOOR ELECTRICAL DEMO & LIGHTING PLAN


1. **CHANGE** “REMARK” for RTU-12 to 1 instead of 2.

SUBSTITUTION REQUESTS

PRODUCT	PROPOSED MANUFACTURER	SPECIFICATION SECTION
PVC Membrane Roofing – Fully Adhered	Versico – Versiflex FRS	07 7537
Metal Lockers	Lockers MFG All-Welded Metal Lockers	10 5113
Grilles Registers and Diffusers	Anemostat, Tuttle & Bailey	23 3713
Packaged Outdoor Air Handling Units	Addison	23 7413
Air Cooled Condensing Units and Ductless Air Conditioners	Samsung	23 8113
Unit Heater	Vulcan, Brasch, King Electric	23 8239
L2, L2E	Lithonia CXP	26 5100
L12	Lithonia CLX	26 5100

ATTACHMENTS: Pre-Bid Sign-In Sheet, Specification Section 06 6100, G000, G001, A101, A111, A141, A210, A211, A320, P100, P101, P201

PREPARED BY: SHIVE-HATTERY, INC.

	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.	
	<i>Brent Strauch</i>	08/19/2024
	Signature	Date
	Printed or Typed Name	<u>Brent Strauch</u>
	License Number	<u>24125</u>
	My License Renewal Date is: <u>12/31/2024</u>	
	Pages, Sheets, or Divisions covered by this Seal: Addendum 1.	

END OF ADDENDUM NUMBER 01

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SHIVEHATTERY

ARCHITECTURE + ENGINEERING

PRE-BID SIGN-IN SHEET

PROJECT NAME: S-29 Latrine Addition

MEETING DATE: August 8, 2024

PLEASE PRINT OR WRITE LEGIBLY

- | <u>NAME & TITLE</u> | <u>REPRESENTING w/ Contact Information</u> |
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SHIVEHATTERY

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| 13. | | Phone: _____
E-mail: _____ |
| 14. | | Phone: _____
E-mail: _____ |
| 15. | | Phone: _____
E-mail: _____ |

**SECTION 06 61 00
SOLID SURFACE SHOWER SURROUNDS**

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Shower Receptors and Shower Systems from Manufacturer's Standard Sizes.

1.2 SUBMITTALS

- A. Shop Drawings: Indicate dimensions, thicknesses, required clearances, tolerances, materials, colors, finishes, fabrication details, field jointing, adjacent construction, methods of support, integration of plumbing components, and anchorages.
- B. Product Data: Provide data on specified component products, electrical characteristics and connection requirements.
- C. Samples: Verification samples minimum of 3" x 3" samples indicating color and pattern.
- D. Manufacturer's Installation Instructions: Indicate preparation of opening required, rough-in sizes; provide templates for cast-in or placed frames or anchors; tolerances for item placement, temporary bracing of components .
- E. Maintenance Data: Indicate list of approved cleaning materials and procedures required; list of substances that are harmful to the component materials.
- F. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.3 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to the site in original packages, containers or bundles bearing brand name and identification. Protect from damage by retaining shipping protection in place until installation.
- B. Store products under cover, elevated above grade, and in a dry, well-ventilated area not exposed to heat or sunlight. Protect from moisture damage.
- C. Handle products to prevent damage to edges, ends, or surfaces.

1.4 WARRANTY

- A. Provide 10 (ten) year manufacturer warranty for material and manufacturing defects.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Basis of Design: Prism Solid Surface Shower Systems, by InPro Corporation.
- B. Other Manufacturers, as equal.

2.2 SHOWER RECEPTORS AND SHOWER SYSTEMS

A. Receptor Size:

1. ADA roll-in: 36" x 60", Systems include: Drain Assembly, back, right, and left wall panels up to 96" with no decorative options. Coordinate edge finish with adjacent wall materials.
2. Standard: 36" x 36", Systems include: Drain Assembly, back, right, and left wall panels up to 96" with no decorative options. Coordinate edge finish with adjacent wall materials.

2.3 ACCESSORIES

A. Trim:

1. Inside Wedge Corner Molding.
 2. Batten Strips (as required).
 3. Panel Molding
 4. Perimeter Trim
- B. Corner Shelves: 5" x 12".
- C. Corner Dishes: 4-1/8" x 4-1/8".
- D. Solid Surface Bonding Adhesive.
- E. Adhesive Cartridge Dispenser.
- F. Adhesive Mixing Tips.
- G. Silicone Adhesive / Sealant.

2.4 MATERIALS

- A. Solid Surface: Shower wall panels shall be manufactured from polyester/acrylic blended resins with natural filler material.

2.5 FINISHES

- A. Architect shall select from a minimum of 6 colors equal to the Inpro Price Class A.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify that joint preparation and affected dimensions are acceptable.
- C. Verify mechanical, electrical, and building items affecting work of this section are placed and ready to receive this work.

3.2 PREPARATION

- A. Provide anchoring devices for installation and embedding.
- B. Provide templates and rough-in measurements.

3.3 INSTALLATION

- A. Install components in accordance with approved shop drawings and manufacturer's instructions.
- B. Align work plumb and level.
- C. Rigidly anchor to substrate to prevent misalignment.

3.4 TOLERANCES

- A. Maximum Variation From True Dimension: 1/8 inch (3 mm).
- B. Maximum Offset From True Position: 1/8 inch (3 mm).

3.5 CLEANING

- A. Clean and polish surfaces in accordance with manufacturer's instructions.

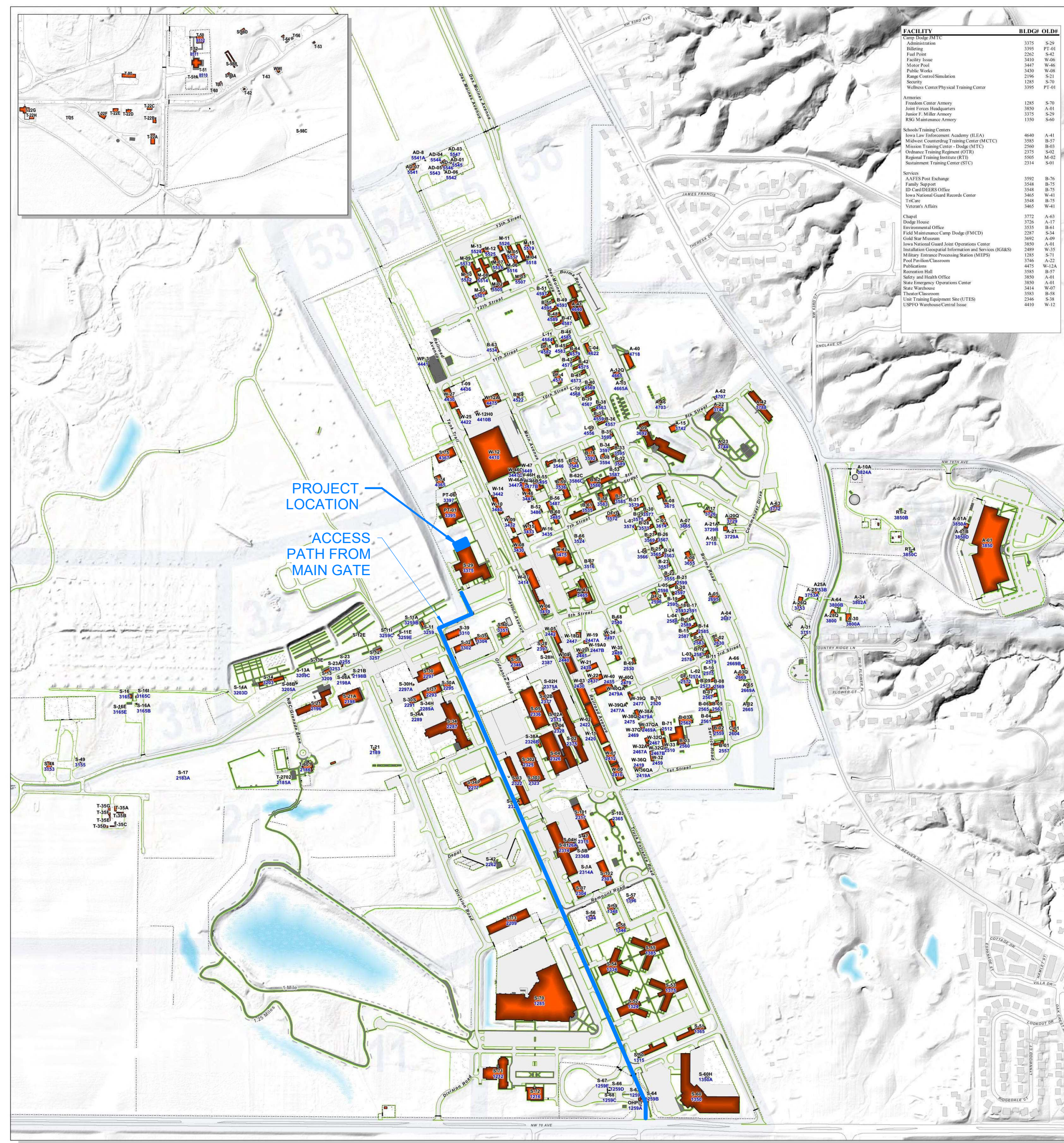
3.6 PROTECTION

- A. Do not permit construction near unprotected surfaces.

END OF SECTION

S-29 MILLER ARMORY LATRINE ADDITION IOWA ARMY NATIONAL GUARD

BUILDING S-29 CAMP DODGE
7105 NW 70TH AVENUE JOHNSTON, IOWA 50131



NORTH
CAMP DODGE VACINITY MAP

SHEET INDEX

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CIVIL	
C001	GENERAL CIVIL NOTES
CD01	EXISTING CONDITIONS AND DEMOLITION PLAN
C101	SITE PLAN
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C301	UTILITY PLAN
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P600	PLUMBING DETAILS AND SCHEDULES
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M102	MECHANICAL ROOF PLAN
M500	RTU-12 MECHANICAL CONTROL SCHEMATICS
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E102	FIRST FLOOR POWER & SYSTEMS PLAN
E600	ELECTRICAL SCHEDULES AND DETAILS

CERTIFICATIONS

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I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

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S-29 MILLER ARMORY LATRINE ADDITION

SHIVE-HATTERY
ARCHITECTURE+ENGINEERING

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515.223.8104 | SHIVE-HATTERY.COM

ISSUED FOR: 100% SET
ISSUE DATE: 2024-07-25

G000

PROJECT NUMBER: 2112209640

ADD 1 08/19/2024 Addendum #1

2

1

4

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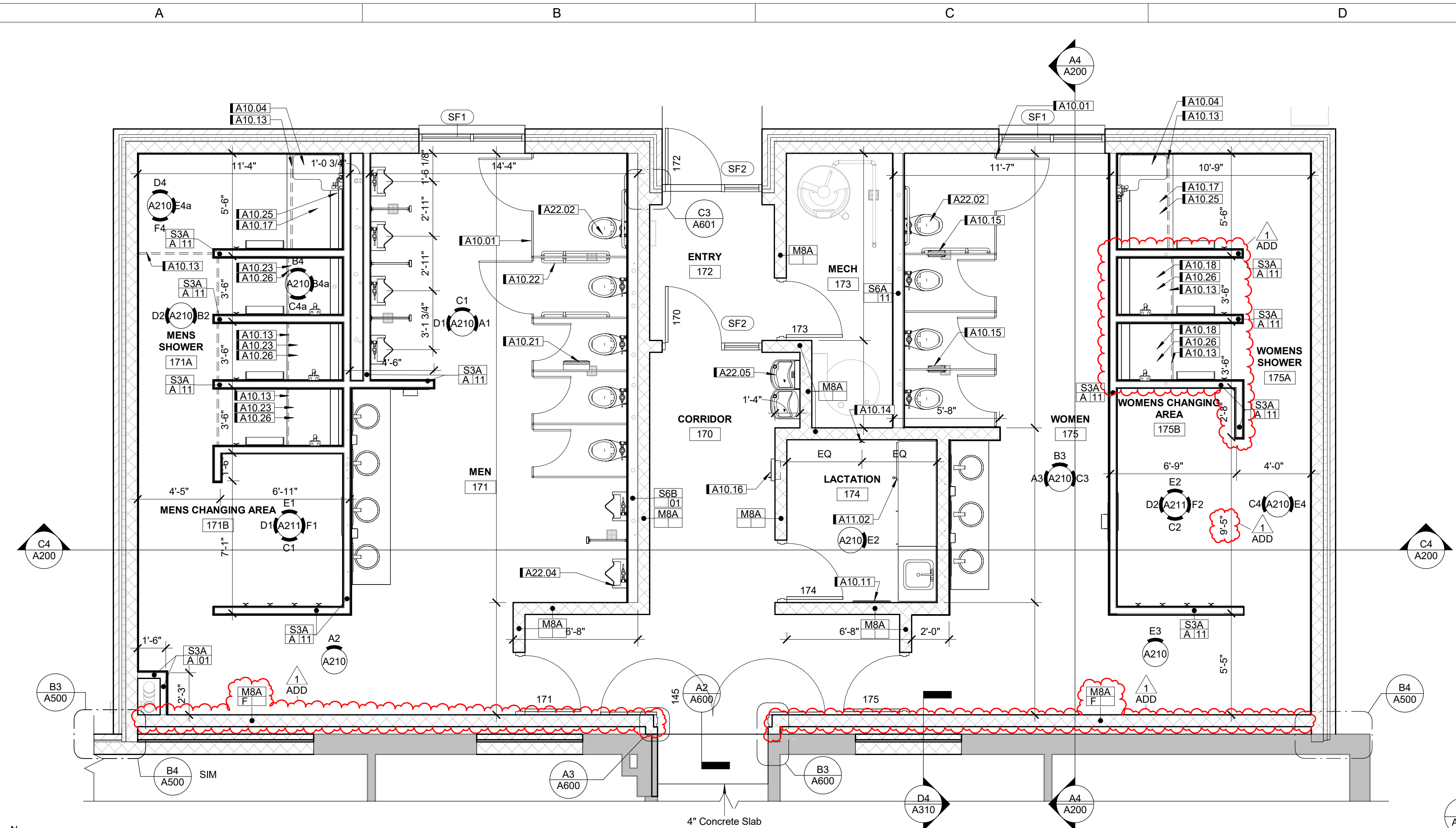
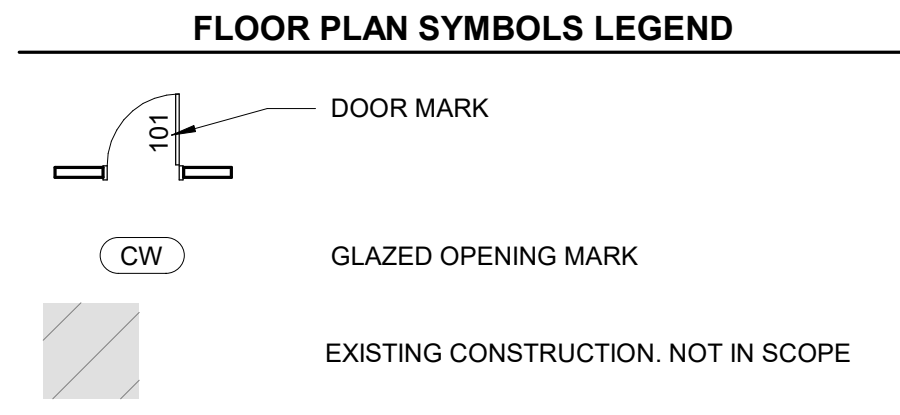
SPM	ADD 1	08/19/2024	Addendum #1
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100% SET			
ISSUE DATE	2024-07-25		
PROJECT NUMBER	2112209640		
FIELD BOOK			

FLOOR PLAN AND ENLARGED PLAN

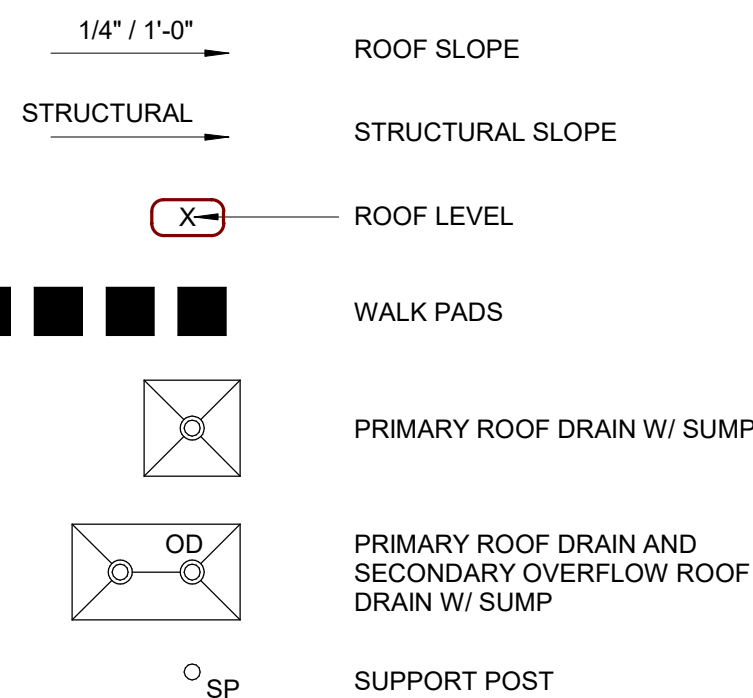
A101

KEY	NOTE
A04.01	INFILL OPENING IN EXTERIOR WALL WITH TOOTHED IN SALVAGED BRICK, INSULATION AND CMU TO MATCH EXISTING EXTERIOR WALL.
A10.01	TOILET PARTITION, FLOOR AND OVERHEAD BRACED
A10.04	ACCESSIBLE SHOWER SEAT, CFCI
A10.11	MIRROR 24X60, CFCI
A10.13	SHOWER CURTAIN AND ROD, CFCI
A10.14	COAT HOOK, CFCI, MOUNT 4'-0" AFF
A10.15	NAPKIN DISPOSAL; RECESSED PARTITION MOUNTED, CFCI
A10.16	RECESSED FIRE EXTINGUISHER
A10.17	SOLID SURFACE SHOWER PAN (60"X36")- REAR TRENCH DRAIN- TILE SHELF
A10.18	SOLID SURFACE SHOWER PAN (44"X36")- REAR TRENCH DRAIN- TILE SHELF
A10.21	TOILET PAPER DISPENSER, CFCI
A10.22	GRAB BARS; 42" (QTY 2), 18" VERTICAL (QTY 2), CFCI
A10.23	SOLID SURFACE SHOWER PAN (36"X36")- REAR TRENCH DRAIN- TILE SHELF
A10.25	SOLID SURFACE SHOWER WALL PANELS- (60"X36"X120")
A10.26	SOLID SURFACE SHOWER WALL PANELS- (36"X36"X120")
A11.02	UNDER COUNTER REFRIGERATOR, CFCI
A12.02	EXISTING LOCKERS, OFCI
A22.02	ADA WATER CLOSET
A22.04	ADA URINAL
A22.05	BI LEVEL DRINKING FOUNTAIN WITH WATER BOTTLE FILLER

- FLOOR PLAN NOTES**
- COORDINATE THE LOCATION OF ALL WALL REINFORCEMENT AND BLOCKING PRIOR TO THE INSTALLATION OF THE DRYWALL AND MILLWORK. PROVIDE BLOCKING FOR TOILET ACCESSORIES, GRAB BARS, HANDRAILS, COAT HOOKS, SHELVING, FITTING ROOM PARTITIONS, WALL-MOUNTED EQUIPMENT, SURFACE-MOUNTED STANDARDS OR FIXTURES, MILLWORK, ETC., AS REQUIRED FOR ANCHORING IN DRYWALL PARTITIONS. COORDINATE WITH OWNER FOR LOCATIONS OF WALL HUNG DEVICES NOT INSTALLED BY CONTRACTOR THAT REQUIRE BLOCKING. WOOD BLOCKING TO BE FIRE RETARDANT WHERE REQUIRED BY CODE.
 - WATER-RESISTANT GYPSUM BOARD SHALL BE USED FOR STUD PARTITIONS IN TOILET ROOMS, JANITOR'S CLOSETS, FIRE SERVICE ROOMS, MECHANICAL ROOMS, AND ANY ADDITIONAL LOCATIONS DESIGNATED IN CONTRACT DOCUMENTS.
 - WHERE STRUCTURAL ELEMENTS INTERFERE WITH FIRE-RATED PARTITIONS, FRAME TOP OF WALL AROUND STRUCTURAL ELEMENT.
 - REFER TO DRAWINGS OF ALL TRADES FOR ADDITIONAL INFORMATION REGARDING ITEMS PENETRATING FLOORS, WALLS, AND CEILINGS.
 - ALL NEW PARTITIONS ARE DIMENSIONED TO FACE OF STUD, MASONRY, OR CONCRETE COMPONENT UNLESS NOTED OTHERWISE. DIMENSIONS TO EXISTING ELEMENTS ARE TO EXPOSED FACE.
 - ALL DOORS IN STUD WALL CONSTRUCTION ARE TO BE LOCATED WITH EDGE OF FRAME 4" FROM FACE OF ADJACENT PARTITION UNLESS NOTED OTHERWISE. DIMENSIONS LOCATING DOORS NOT DIRECTLY ADJACENT TO WALLS ARE GIVEN TO OUTSIDE EDGE OF FRAME.
 - ALL ANGLED PARTITIONS SHOWN SHALL BE AT A 45° ANGLE UNLESS NOTED OTHERWISE.
 - FURNITURE AND EQUIPMENT SHOWN IN DASHED LINES ARE FOR REFERENCE ONLY AND ARE OWNER PROVIDED AND INSTALLED.

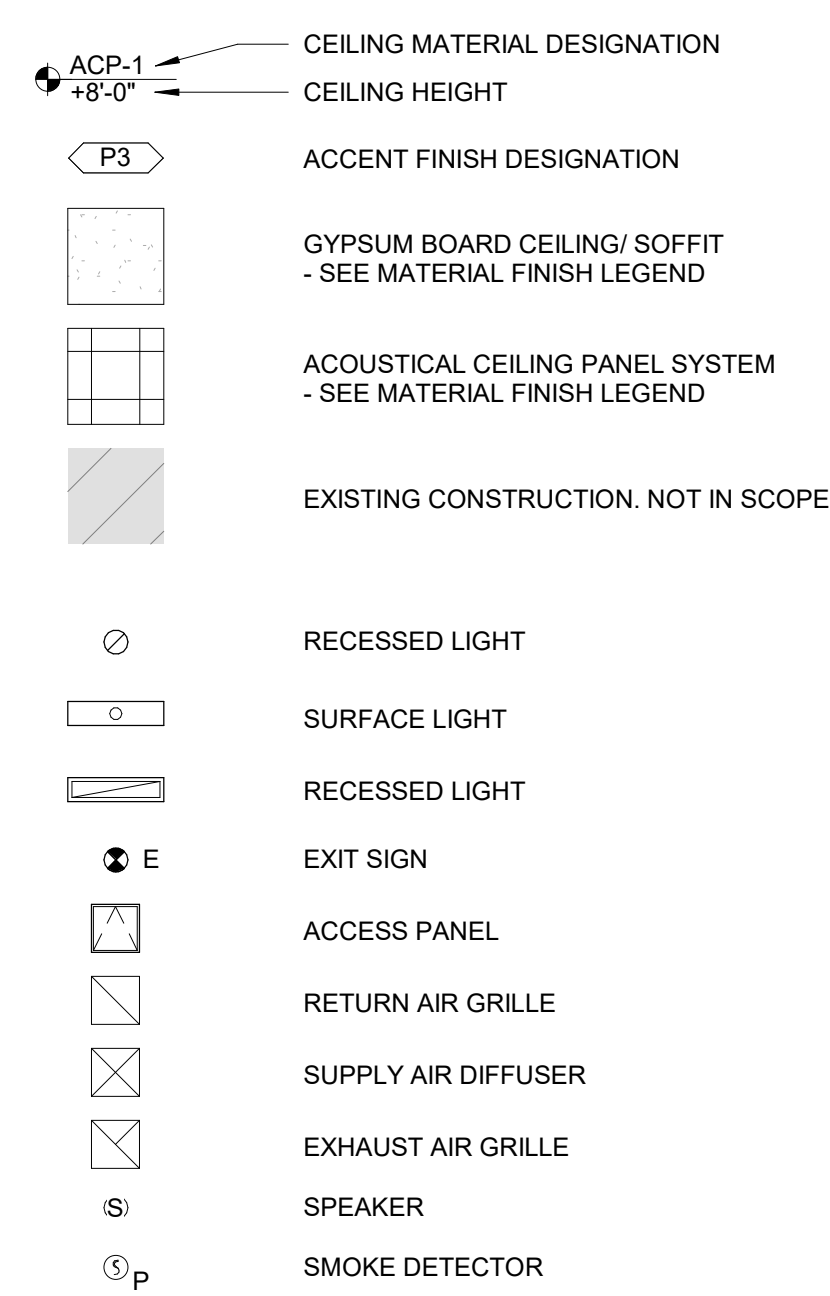


ROOF PLAN SYMBOLS LEGEND



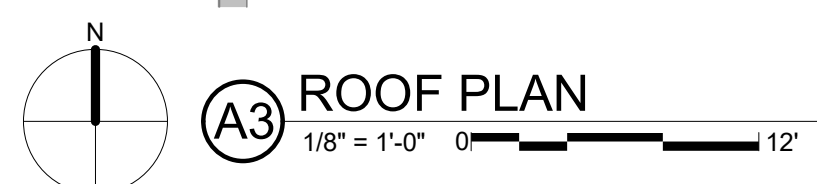
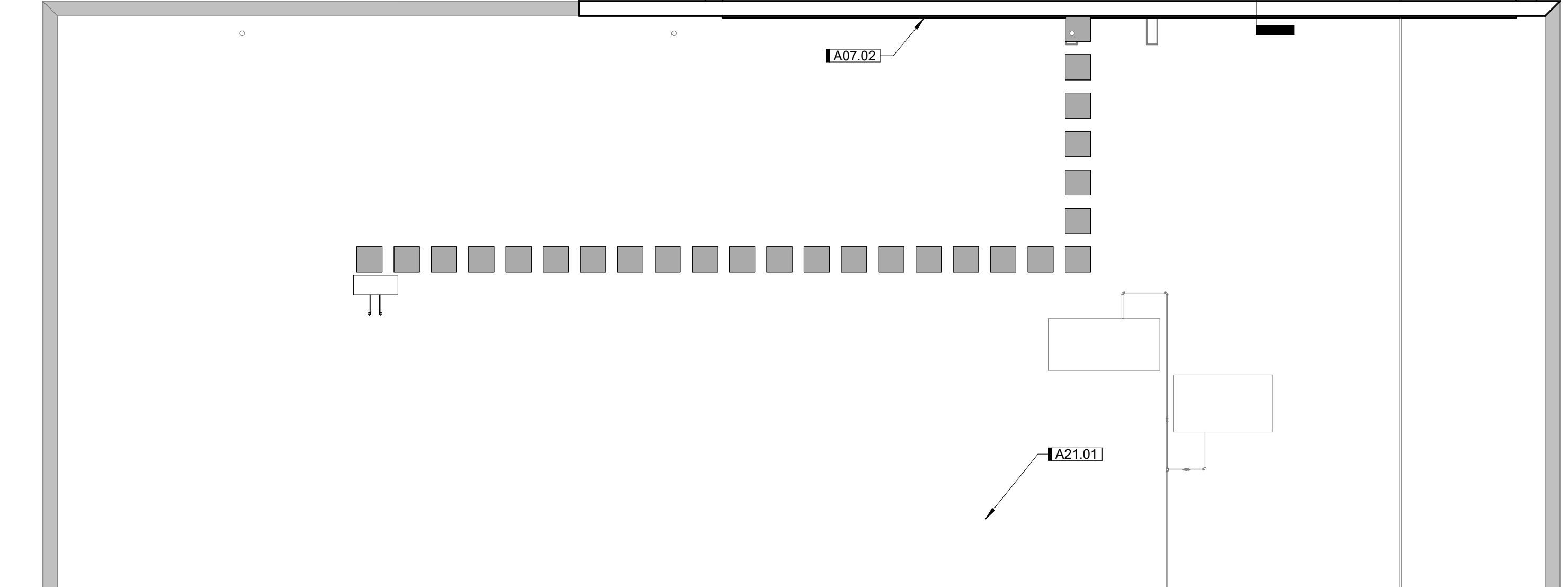
KEY	NOTE
A01.02	CEILING OPEN TO STRUCTURE, EXISTING TO REMAIN.
A07.01	PROVIDE CONTINUOUS WALK PADS BETWEEN ALL ROOF ACCESS POINTS AND, ADD TO AND AROUND ALL SERVICEABLE EQUIPMENT. EXTEND NEW WALKPADS ON EXISTING ROOF TO PROVIDE A CONTINUOUS WALK PAD PATH.
A07.02	NEW TOP OF WALL FLASHING
A09.05	PROVIDE HOLD DOWN CLIPS FOR ACP
A21.01	PROVIDE EXTERIOR FIRE RATED EXTINGUISHER CABINET, ATTACH CABINET AT NORTH EAST CORNER OF DRILL HALL

CEILING PLAN SYMBOLS LEGEND



CEILING PLAN NOTES

- NOTIFY ARCHITECT OF INADEQUATE CLEARANCES FOR CEILING LAYOUT PRIOR TO COMMENCING WORK.
- LOCATIONS OF LIGHT FIXTURES, DIFFUSERS, ETC. SHALL BE AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLANS AND DETAILS. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION. REFER TO DRAWINGS AND SPECIFICATIONS OF ALL TRADES FOR SYSTEM DESIGN AND ADDITIONAL INFORMATION.
- COORDINATE WITH ALL TRADES TO CONFIRM THEIR WORK CAN BE INSTALLED TO ACHIEVE CEILING HEIGHTS AS SHOWN. TRADE PRIORITY SHALL BE AS FOLLOWS UNLESS DIRECTED OTHERWISE BY THE ARCHITECT.
 - ELECTRICAL LIGHTING FIXTURES
 - MECHANICAL GRILLES AND DIFFUSERS
 - MECHANICAL DUCTWORK
 - ELECTRICAL CONDUIT
 - PIPING SYSTEMS
- COORDINATE WITH ALL TRADES TO CONFIRM THE LOCATION OF ACCESS PANELS WITH ASSOCIATED INSTALLED EQUIPMENT. INFORM ARCHITECT OF PROPOSED LOCATIONS PRIOR TO INSTALLATION AND CONSTRUCTION OF NEW WORK.
- ALL CEILING LIGHT FIXTURES TO BE CENTERED ON CEILING PANELS UNLESS SHOWN OTHERWISE. GRID OR PANEL IS TO BE CENTERED IN ROOM UNLESS SHOWN AND DIMENSIONED OTHERWISE.
- ALL CEILING PANELS TO BE [CP-1] UNLESS NOTED OTHERWISE
- SOFFITS TO RECEIVE [DESIGNATE FINISH] ON VERTICAL AND HORIZONTAL SURFACES [UNLESS NOTED OTHERWISE]

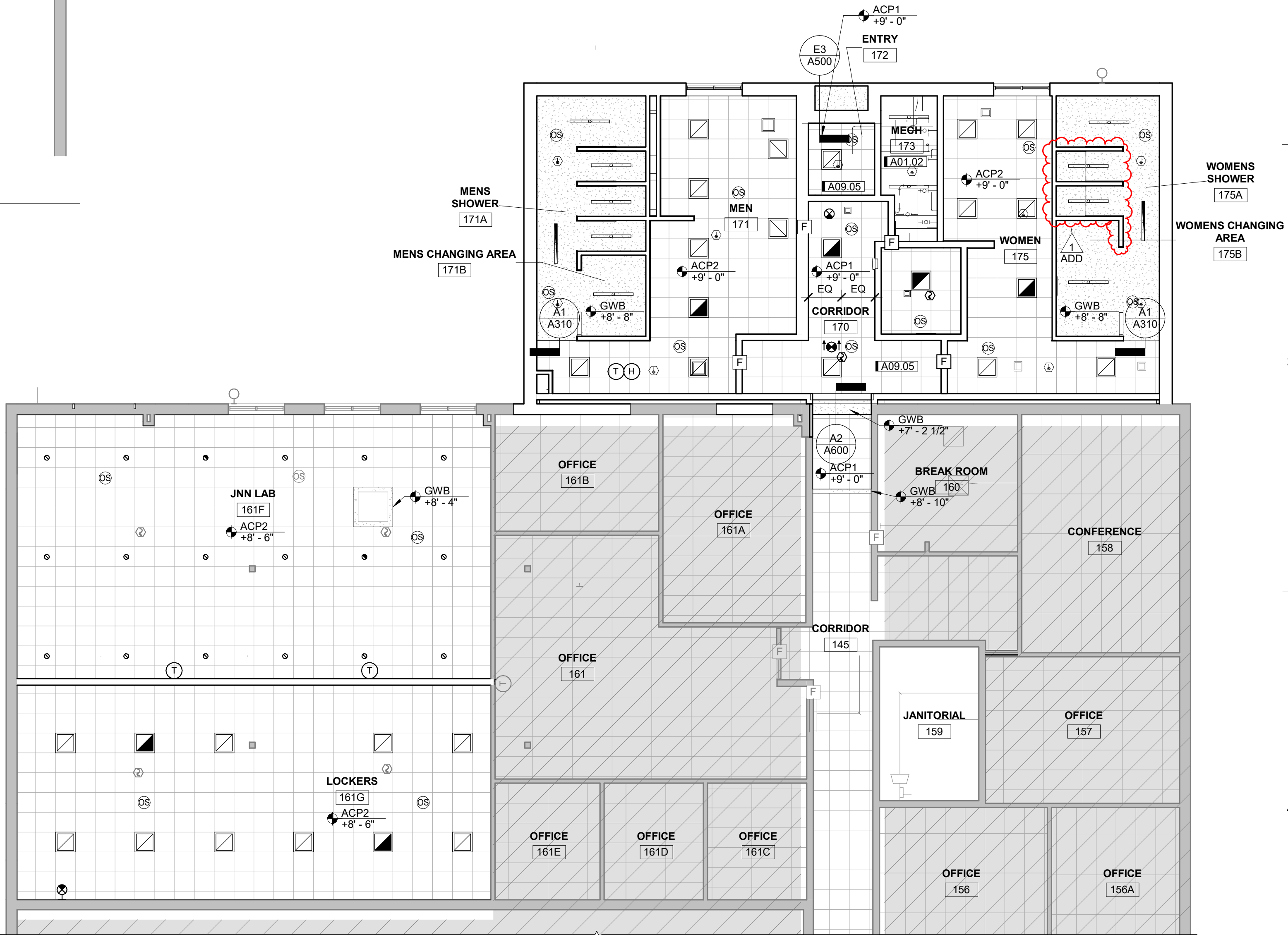


ROOF PLAN NOTES

- ROOF PLAN LAYOUT, LOCATION, AND SECTIONS WERE TAKEN FROM EXISTING BUILDING PLANS AND FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS.
- THE EXACT LOCATION AND ELEVATION OF ALL PUBLIC UTILITIES MUST BE DETERMINED BY THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY ADDITIONAL UTILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT.
- REMOVE EXISTING SHEET METAL, UNLESS NOTED OTHERWISE, AND REPLACE WITH NEW AS PLANS SHOW. ALL PERIMETER WOOD BLOCKING SHALL BE OF UNIFORM HEIGHT AND OF A MINIMUM HEIGHT TO MATCH THE THICKNESS OF THE NEW INSULATION SYSTEM. THE CONTRACTOR SHALL VERIFY HEIGHT OF ALL WOOD BLOCKING.
- FLASH ALL SCUPPERS, CURBS, VENTS AND STACKS AS SHOWN IN PLAN. REFER TO MANUFACTURER'S STANDARD DETAILS AND RECOMMENDATIONS FOR ANY MISCELLANEOUS DETAILS NOT SHOWN IN THE PLANS.
- USE OF MANUFACTURER-APPROVED PENETRATION POCKET WILL NOT BE PERMITTED UNLESS APPROVAL IS OBTAINED IN WRITING FROM SHIVE-HATTERY, INC. PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING WATER TIGHT CONDITIONS AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ROOF SYSTEM ON THE BUILDING. A MINIMUM LAYER OF 1.5" INSULATION WITH A LAYER OF 1/2" PLYWOOD SHALL BE LAID OVER THE ROOF SYSTEM IN A CONTINUOUS FASHION AS WORK PROGRESSES AROUND THE BUILDING. ANY DAMAGE TO THE ROOF SYSTEM WILL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ANY DAMAGE CAUSED DURING CONSTRUCTION TO THE SURROUNDING GROUNDS. (GRASS, CONCRETE, ETC.)
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE RAISING/LOWERING OF EXISTING ROOF DRAINS TO FACILITATE THE INSTALLATION OF NEW INSULATION SYSTEM.
- PONDING OF WATER IN ANY SPOT ON THE ROOF IS UNACCEPTABLE. PONDING SHALL BE DEFINED AS ANY WATER THAT REMAINS ON A ROOF SURFACE LONGER THAN 48 HOURS AFTER THE TERMINATION OF THE MOST RECENT RAIN EVENT. ALL INCIDENTS OF PONDING SHALL BE REPAIRED UNTIL PONDING IS ELIMINATED.
- ALL MEMBRANE ROOFS SHALL BE INSPECTED BY THE ROOFING MANUFACTURER'S FACTORY REPRESENTATIVE. OWNERS REPRESENTATIVE SHALL BE PRESENT DURING THE INSPECTION. CONTRACTOR SHALL NOTIFY THE OWNER A MINIMUM OF 48 HOURS PRIOR TO THIS INSPECTION.
- ALL STAINS (INCLUDING RUST STAINS), FASTENERS, DIRT, DEBRIS, ETC. SHALL BE CLEANED AND REMOVED BY THE ROOFING INSTALLER UPON COMPLETION OF INSTALLATION. ROOF MEMBRANE SHALL BE CLEANED AGAIN BY THE ROOFING INSTALLER, OR BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS JUST PRIOR TO SUBSTANTIAL COMPLETION TO REMOVE SUBSEQUENT STAINS (INCLUDING RUST STAINS), FASTENERS, DIRT, DEBRIS, ETC.

ROOF TYPES:

- ROOF LEVEL 1
 - 60 MIL EPDM FULLY ADHERED
 - .25" DENSDECK PRIME
 - 6.0" POLYISOCYANURATE INSULATION - 1 LAYER (MIN. R 30)
 - 6 MIL POLY
 - METAL DECK



ADD	DATE	BY	SPM	MJK	100% SET	ISSUE DATE	PROJECT NUMBER	FIELD BOOK
ADD 1	08/19/2024					2024-07-25	2112209640	Field Book

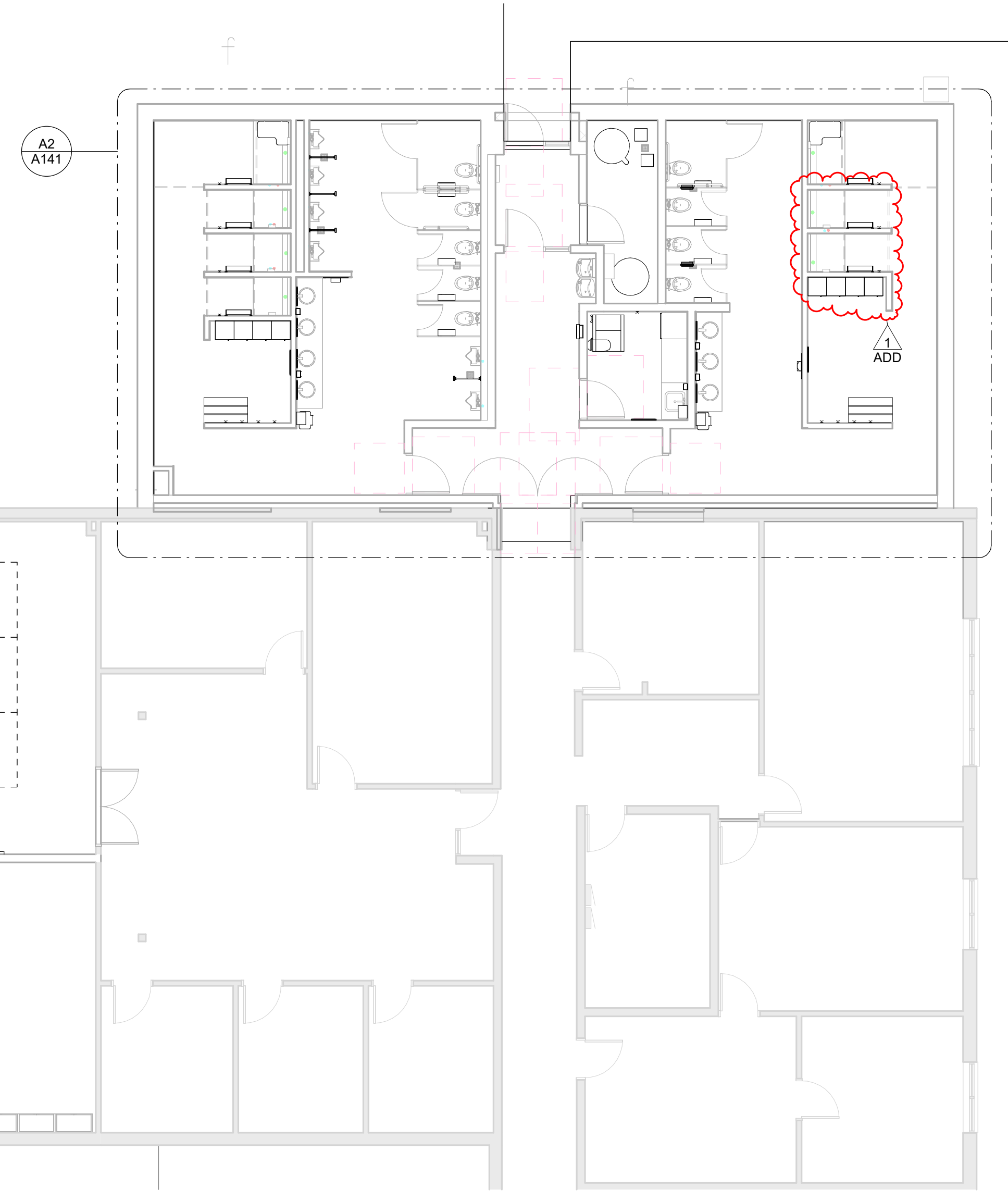
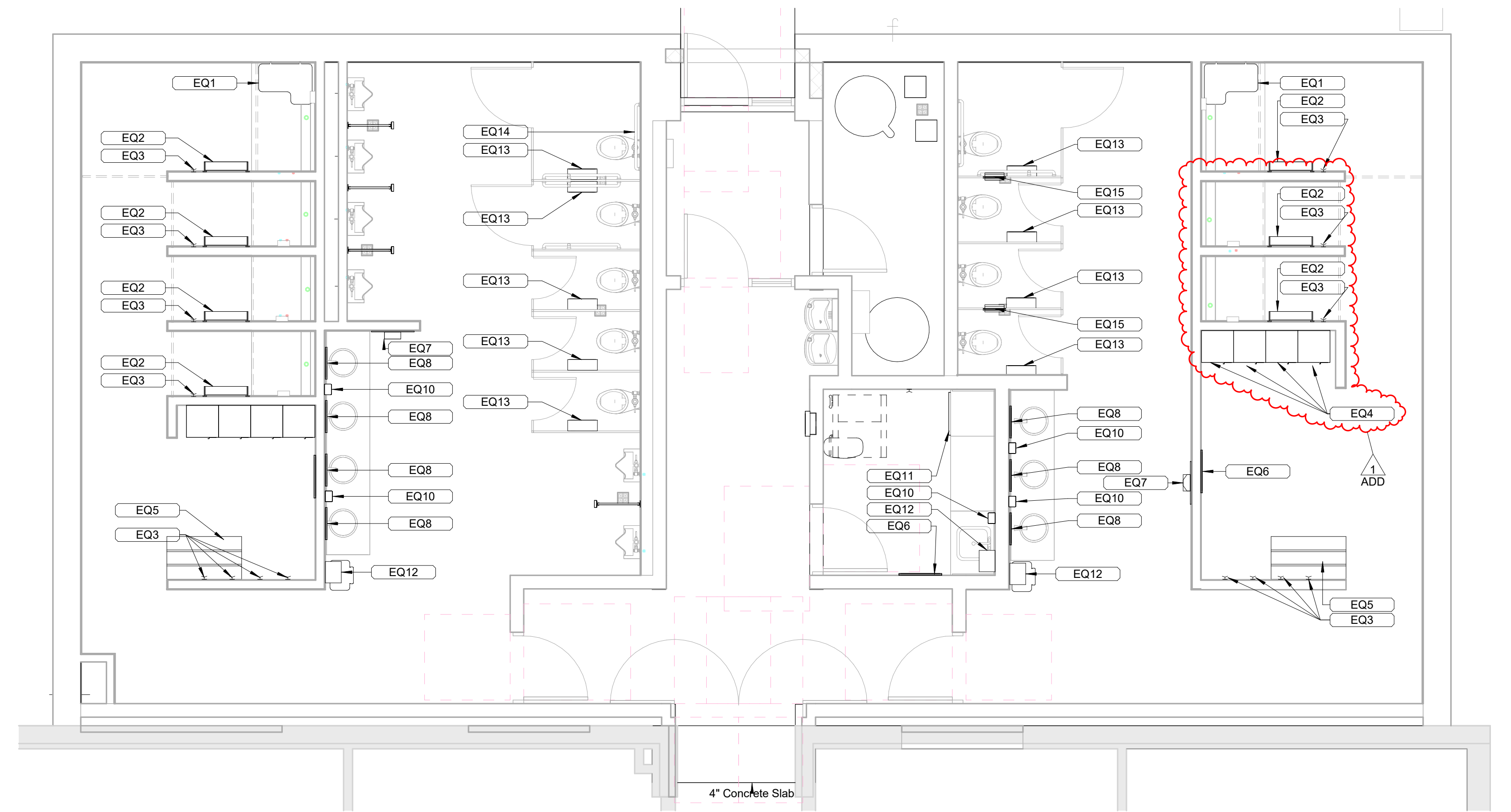
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9/19/2024 9:58:47 AM

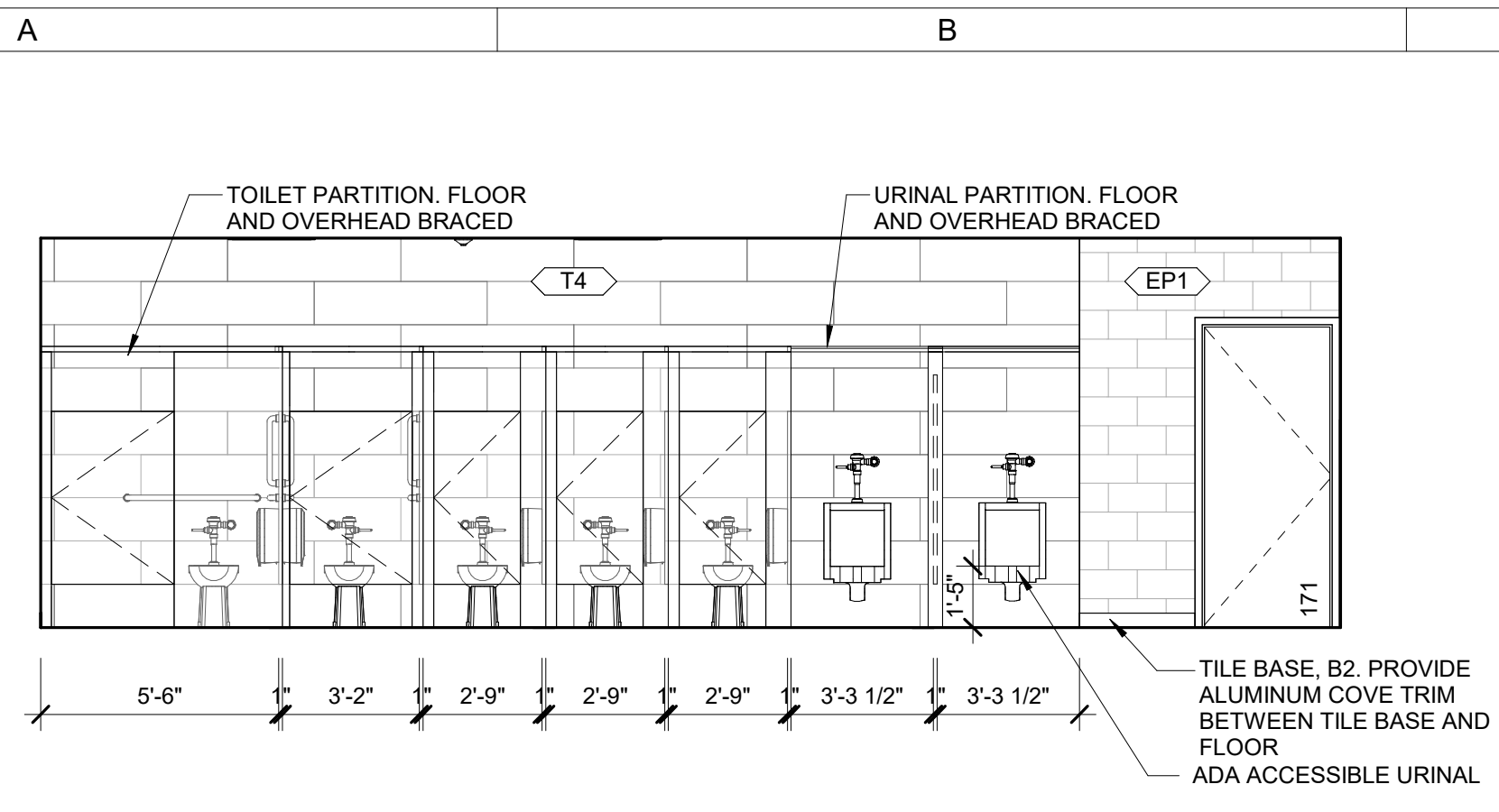
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APPROVED BY	Approver			
ISSUED FOR	100% SET			
ISSUE DATE	2024-07-25			
PROJECT NUMBER	2112209640			
FIELD BOOK				

A2 ENLARGED FFE PLAN
 1/4" = 1'-0" 0 6'

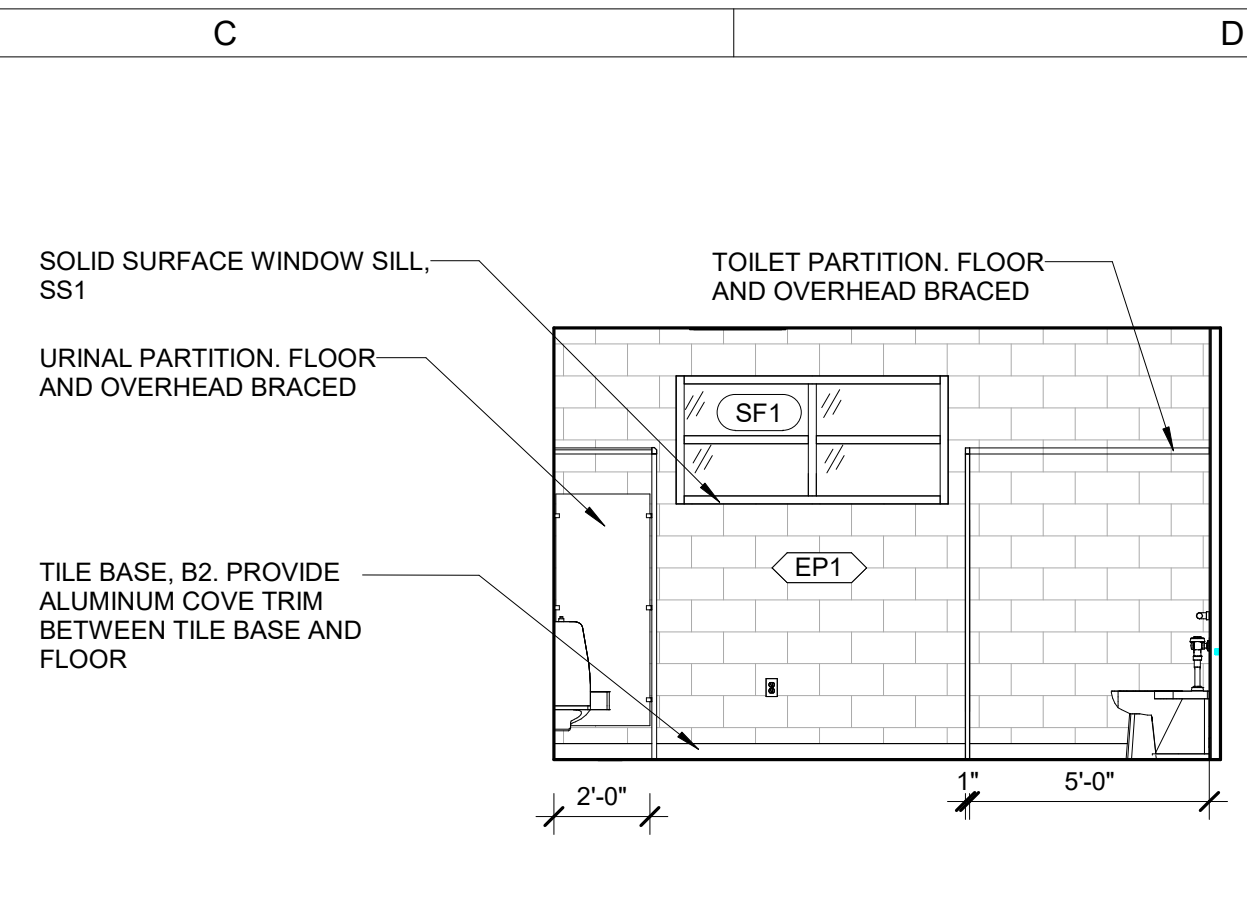
C4 FIRST FLOOR FFE PLAN
 1/8" = 1'-0" 0 12'

FIXTURE AND EQUIPMENT SCHEDULE			
MARK	DESCRIPTION	CFCI	OFOI
EQ1	ADA SHOWER SEAT		
EQ2	SURFACE MOUNTED STAINLESS STEEL SHELF		
EQ3	DOUBLE ROBE HOOKS		
EQ4	Personal Storage Locker - Single Door w/Drawer		
EQ5	BENCH- ADA- 42" x 24" x 18"		
EQ6	MIRROR 24"x60"		
EQ7	WALL MOUNTED HAND DRYER		
EQ8	MIRROR 18"x36"		
EQ10	SOAP DISPENSER		
EQ11	UNDER COUNTER REFRIGERATOR		
EQ12	PAPER TOWEL DISPENSER		
EQ13	4-Roll Coreless High-Capacity Toilet Paper Dispenser		
EQ14	GRAB BARS- 42", 36", 18" VERTICAL		
EQ15	Napkin Disposal, 1.5 Gallons, Partition Mounted		

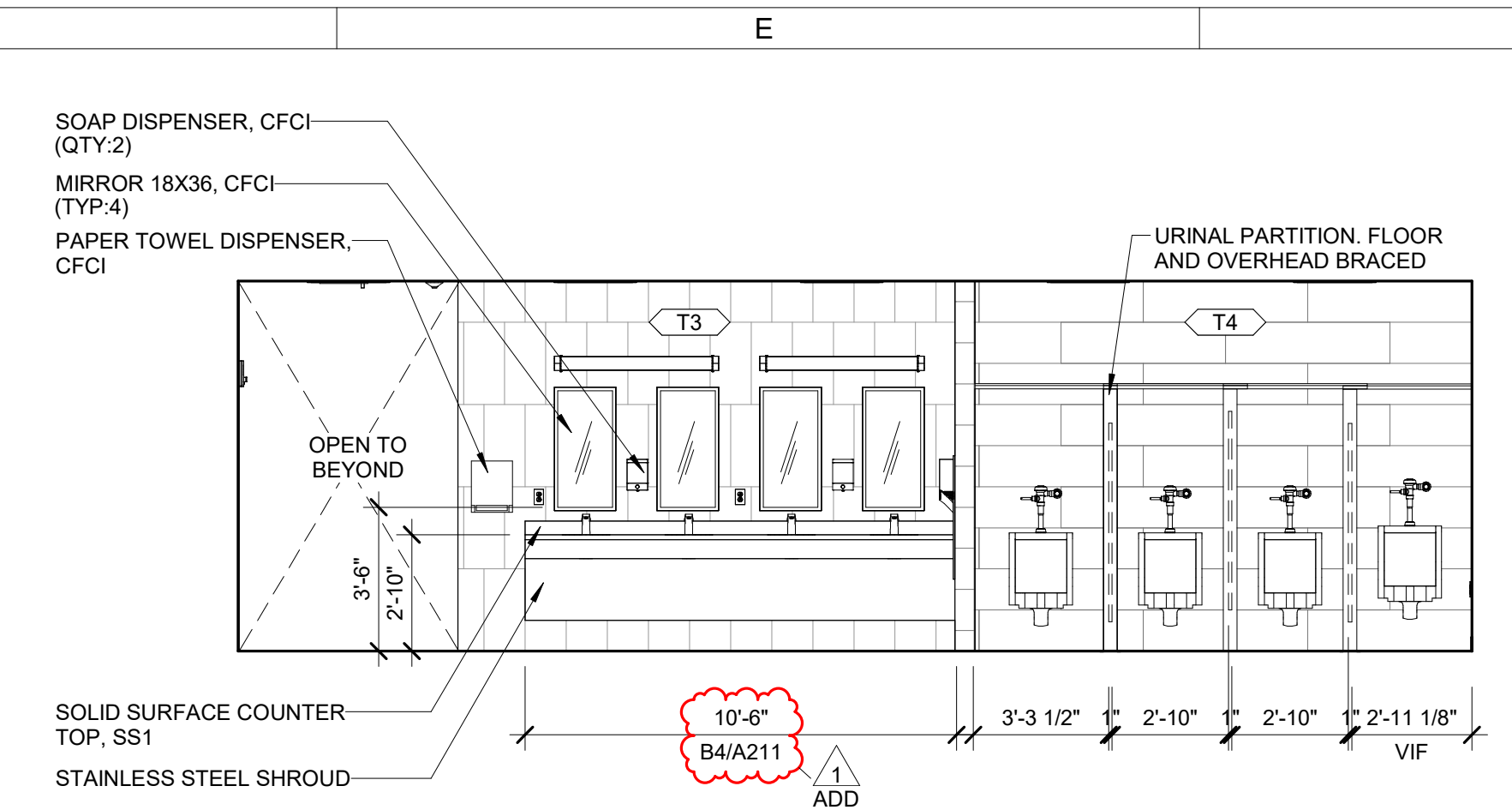




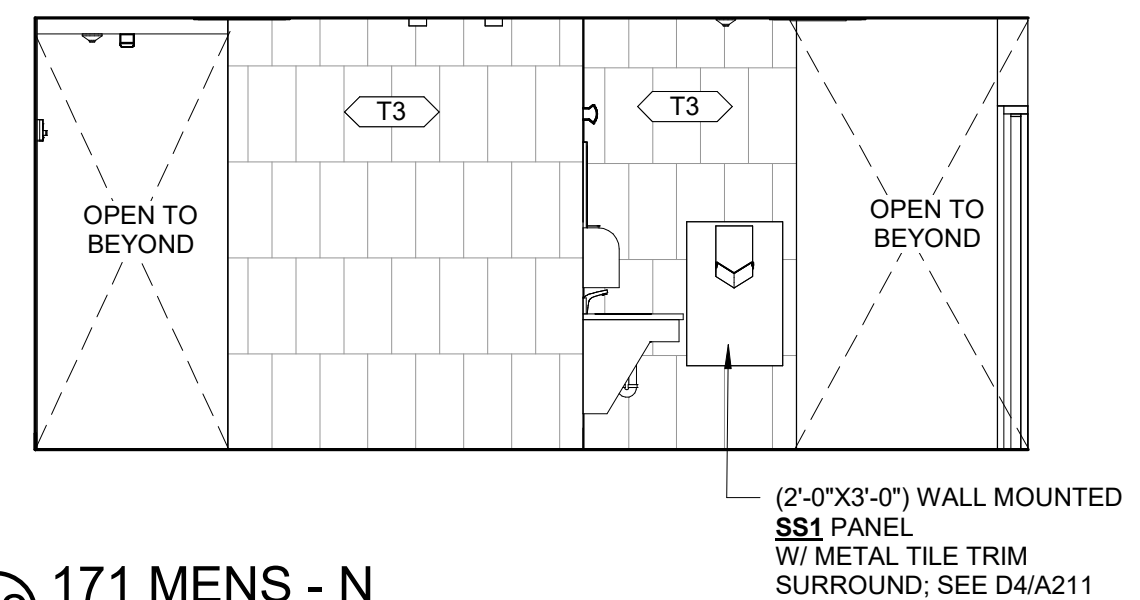
A1 171 MENS - E
1/4" = 1'-0" 0' 6'



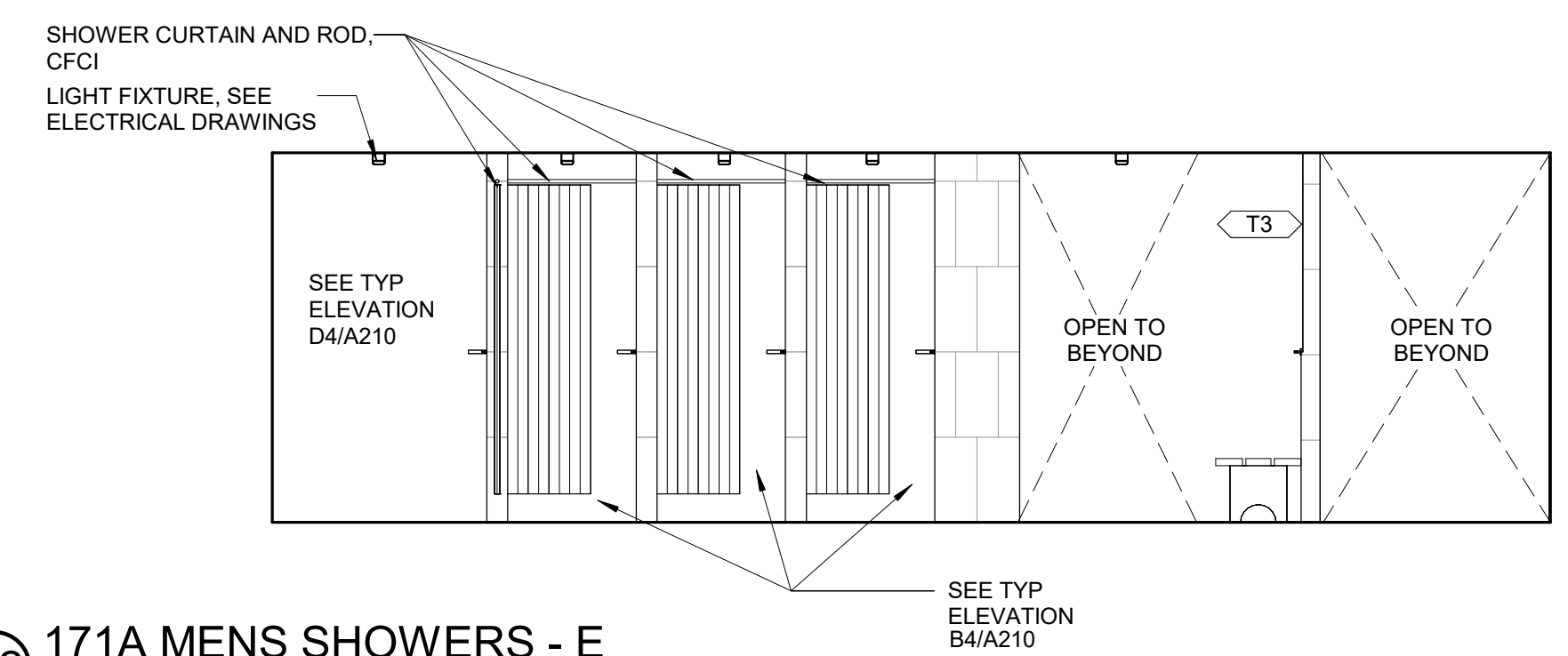
C1 171 MENS WINDOW - N
1/4" = 1'-0" 0' 6'



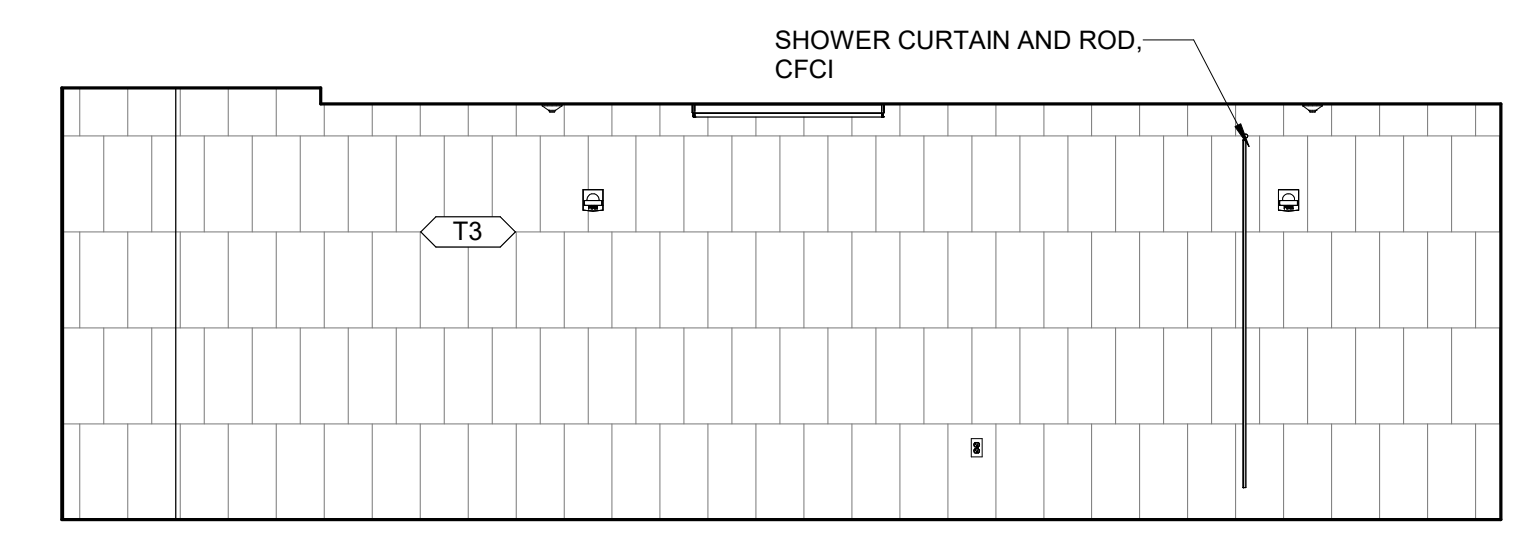
D1 171 MENS - W
1/4" = 1'-0" 0' 6'



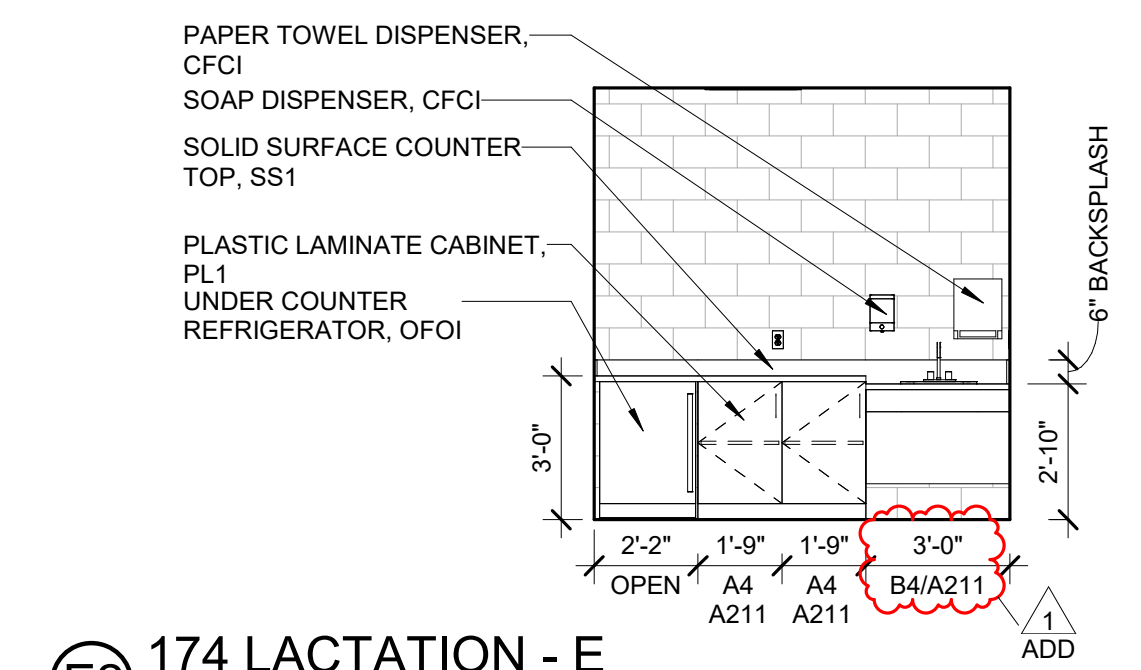
A2 171 MENS - N
1/4" = 1'-0" 0' 6'



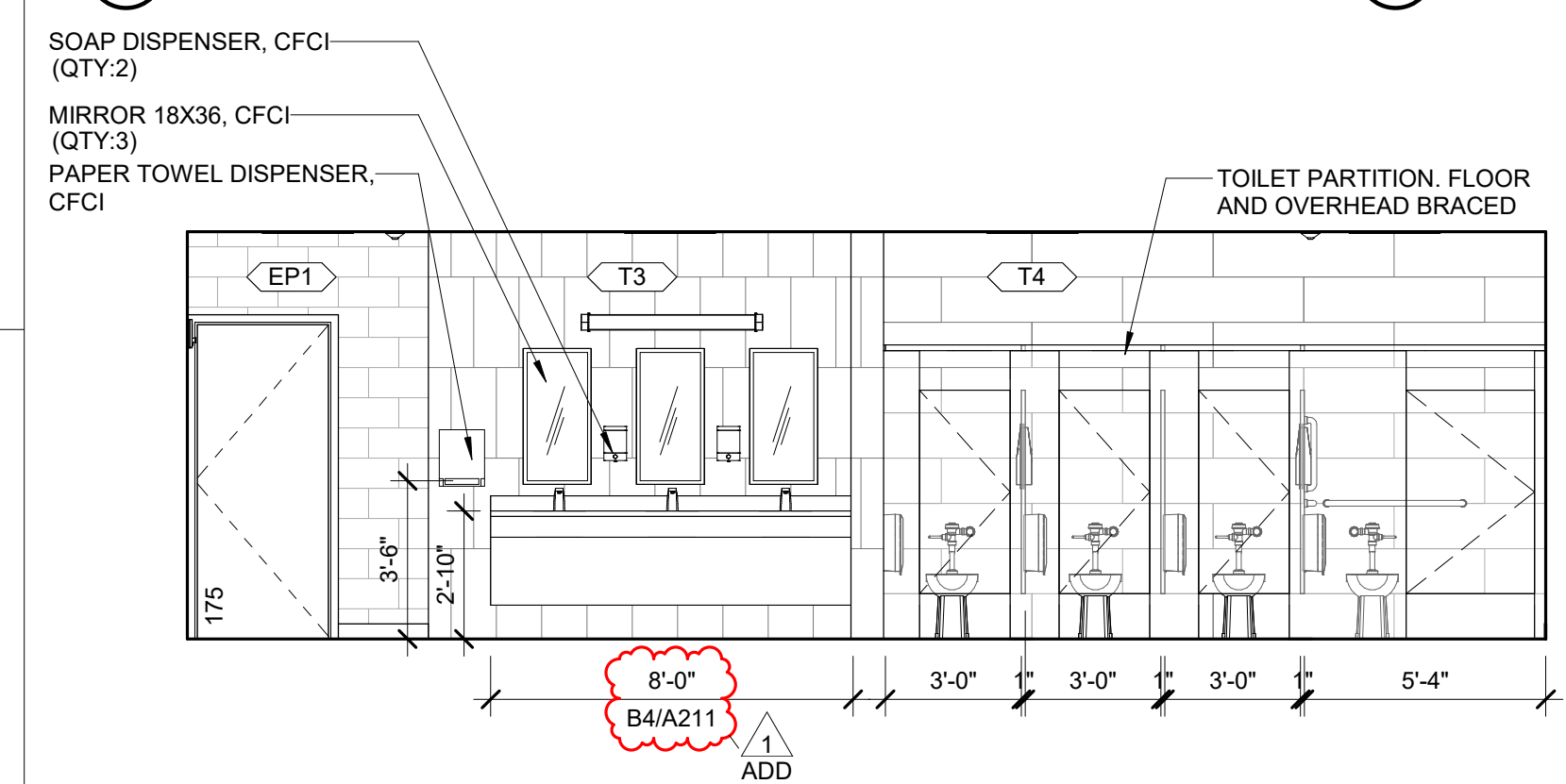
B2 171A MENS SHOWERS - E
1/4" = 1'-0" 0' 6'



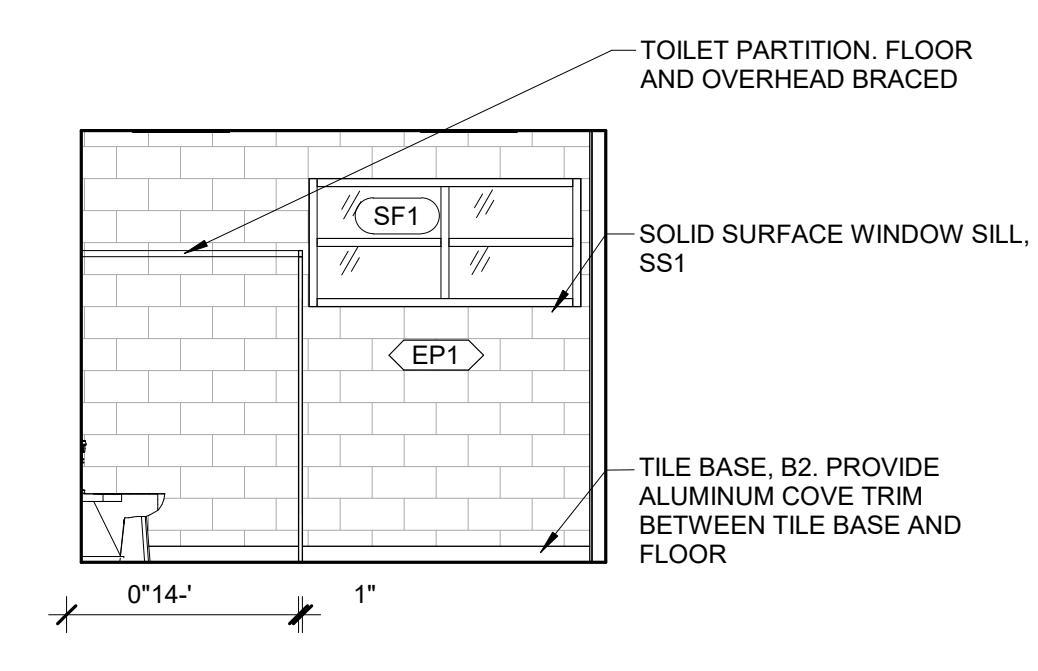
D2 171A MENS SHOWERS - W
1/4" = 1'-0" 0' 6'



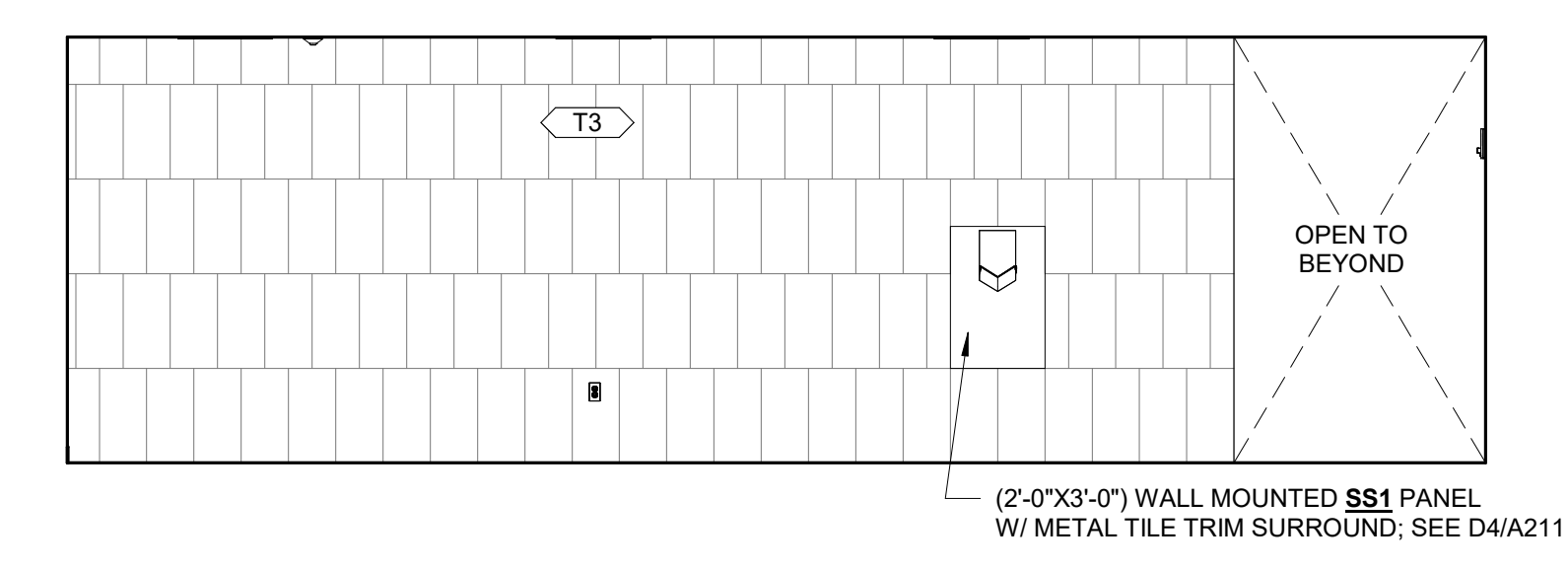
E2 174 LACTATION - E
1/4" = 1'-0" 0' 6'



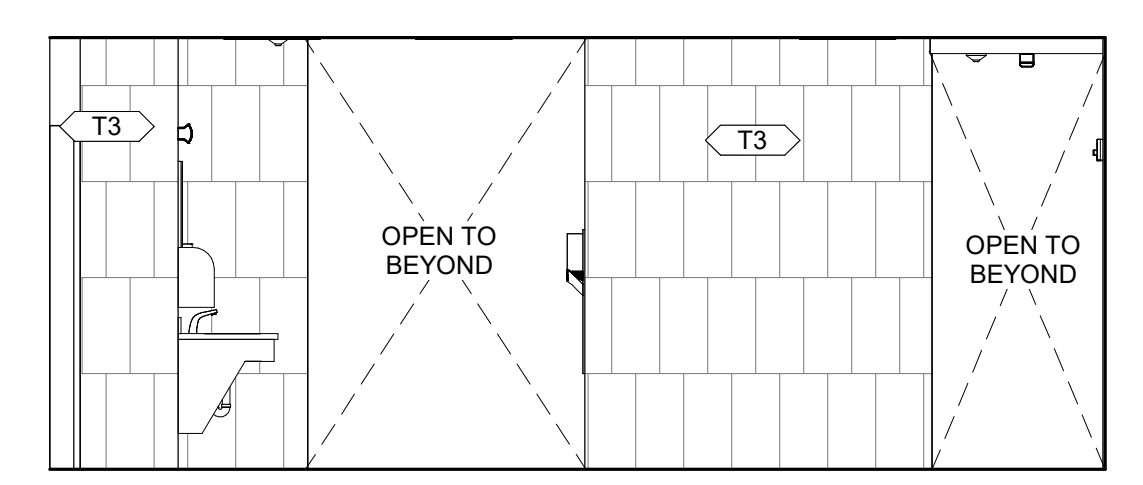
A3 175 WOMENS - W
1/4" = 1'-0" 0' 6'



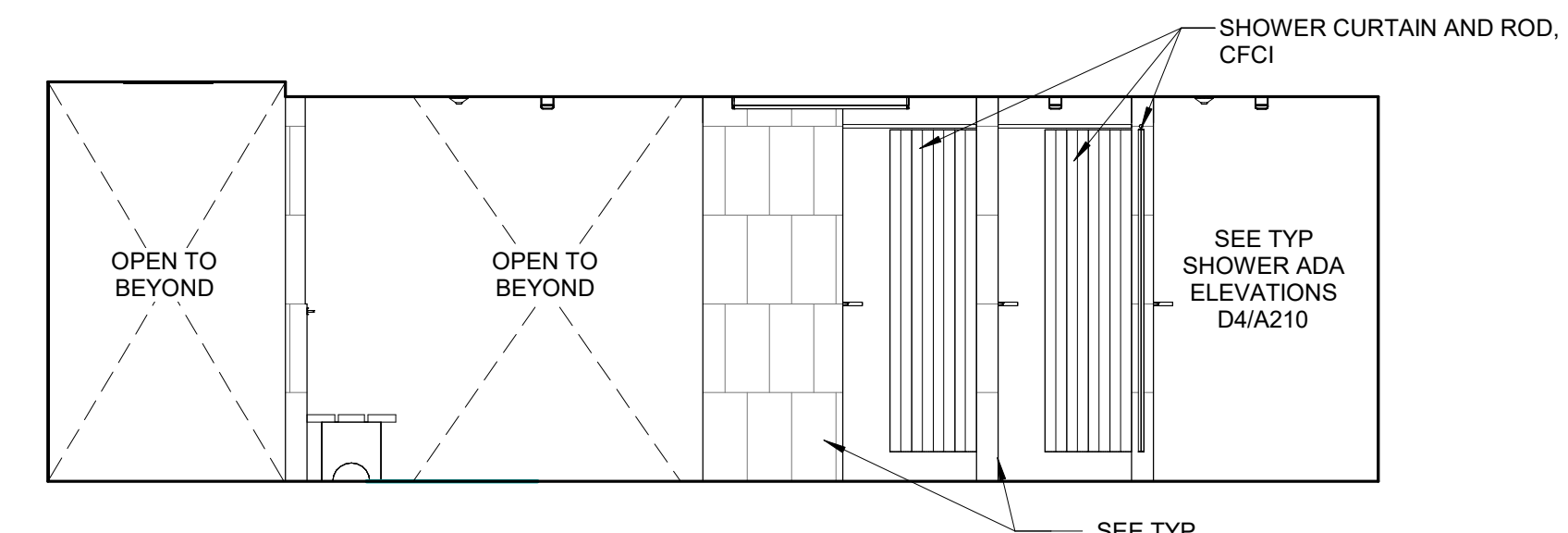
B3 175 WOMENS WINDOW - N
1/4" = 1'-0" 0' 6'



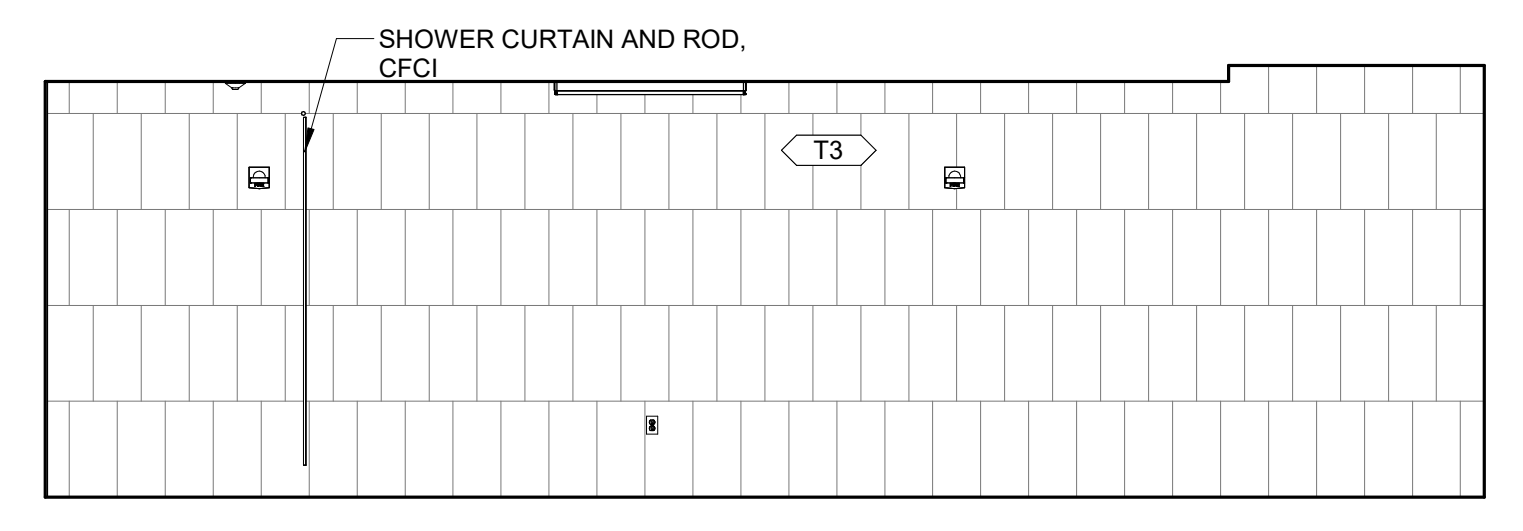
C3 175 WOMENS - W
1/4" = 1'-0" 0' 6'



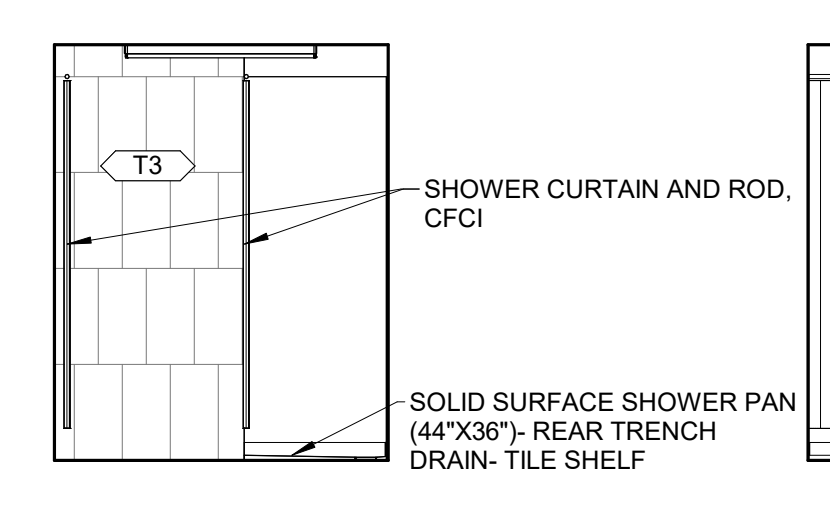
E3 175 WOMENS - N
1/4" = 1'-0" 0' 6'



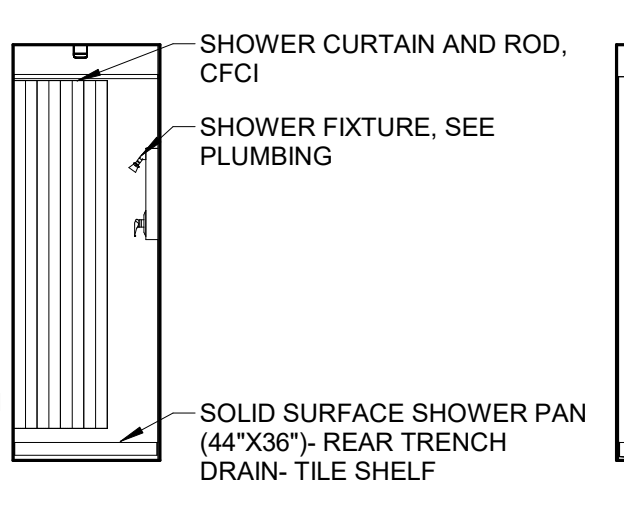
C4 WOMENS 175A - SHOWER ELEVATION
1/4" = 1'-0" 0' 6'



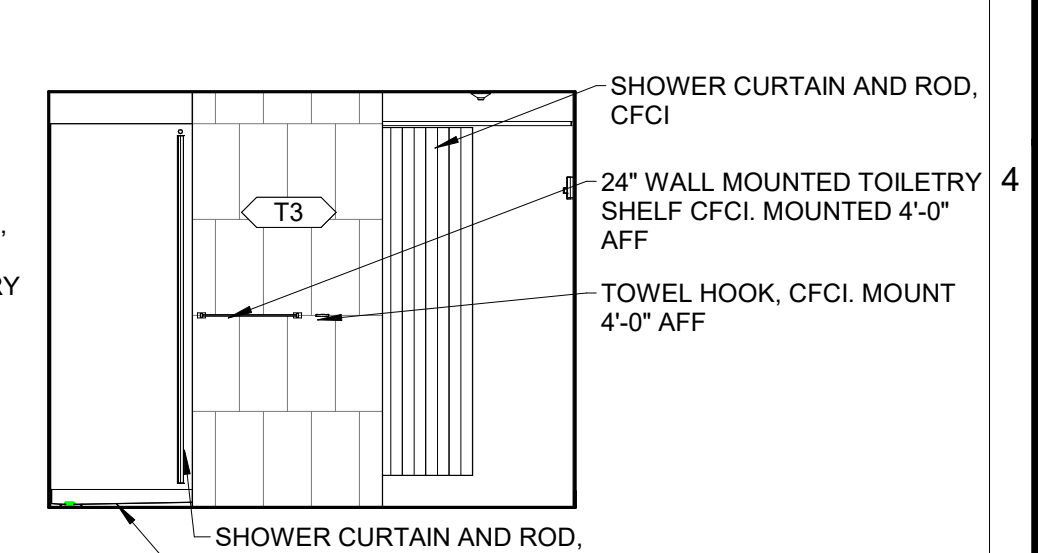
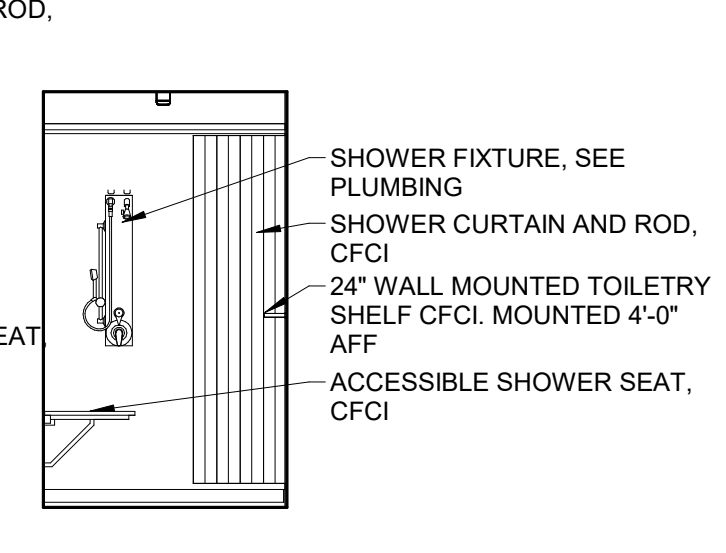
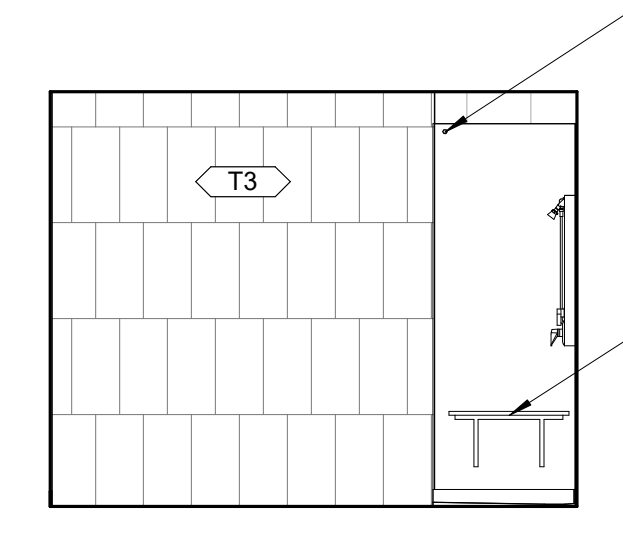
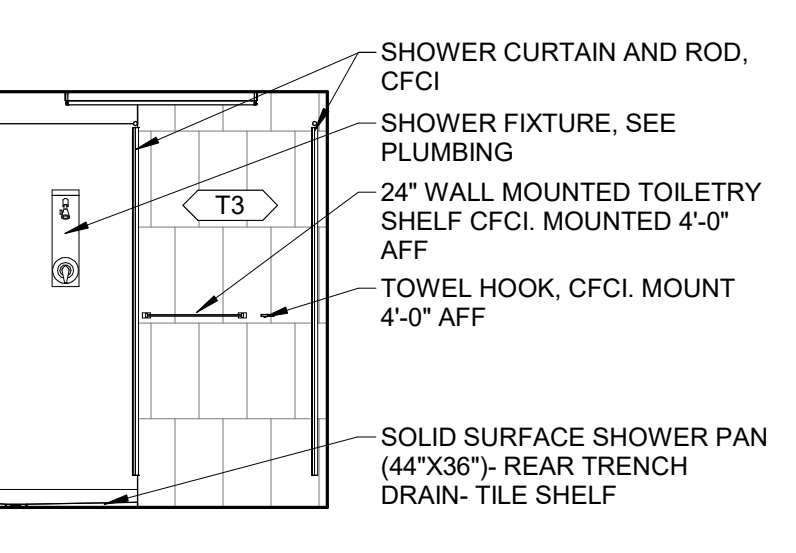
E4 175A WOMENS SHOWER - W
1/4" = 1'-0" 0' 6'



B4 TYP NON-ADA SHOWER
1/4" = 1'-0" 0' 6'



D4 TYP ADA SHOWER
1/4" = 1'-0" 0' 6'

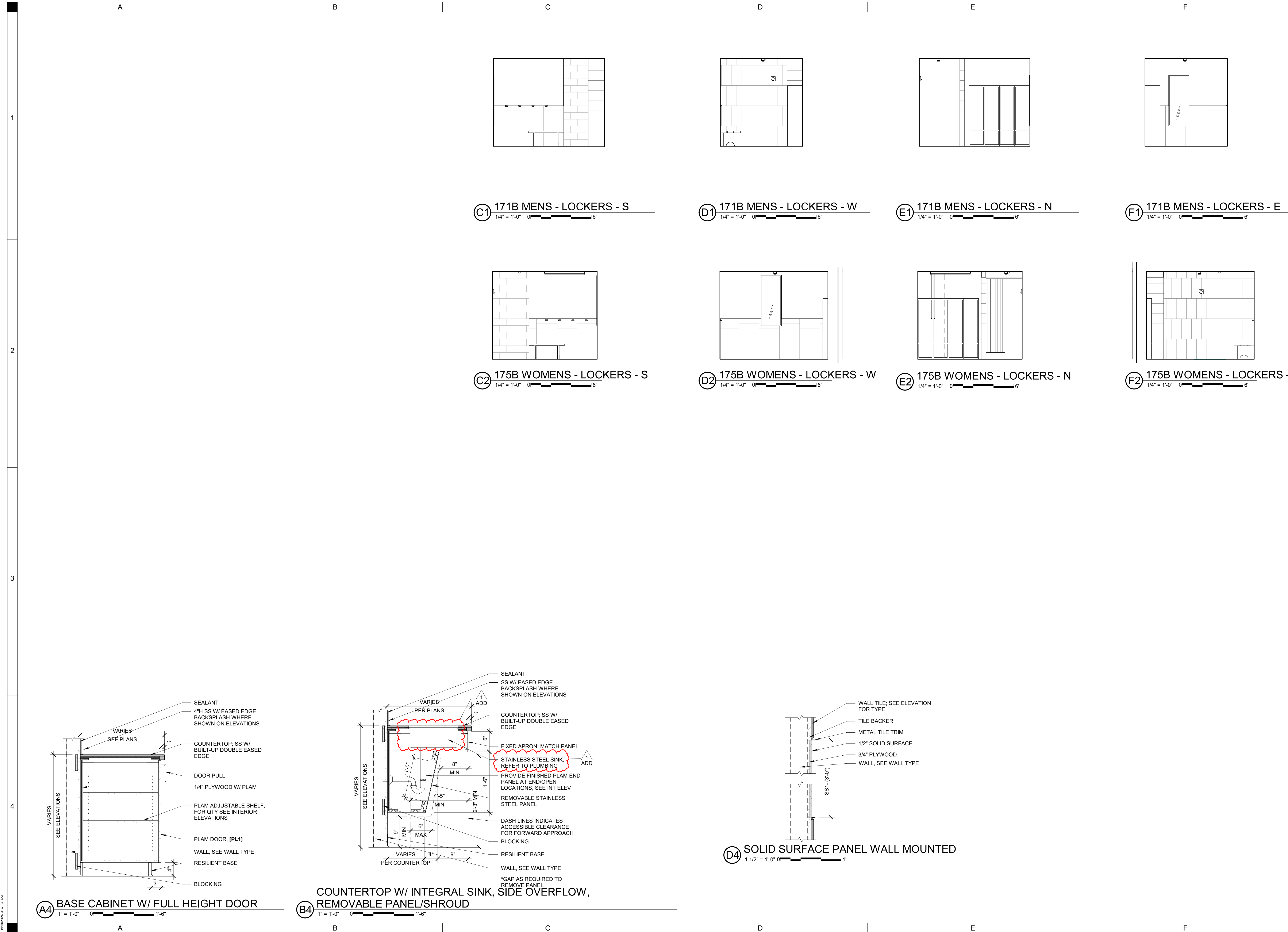


ADD 1	08/19/2024	Addendum #1
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SCH	MJK	100% SET	2024-07-25	2112209640	Field Book
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Architect: Shive-Hattery Architecture+Engineering, 4125 Westown Parkway, Suite 100, West Des Moines, IA 50266
Interior Elevations and Casework Details
08/19/2024 9:37:37 AM



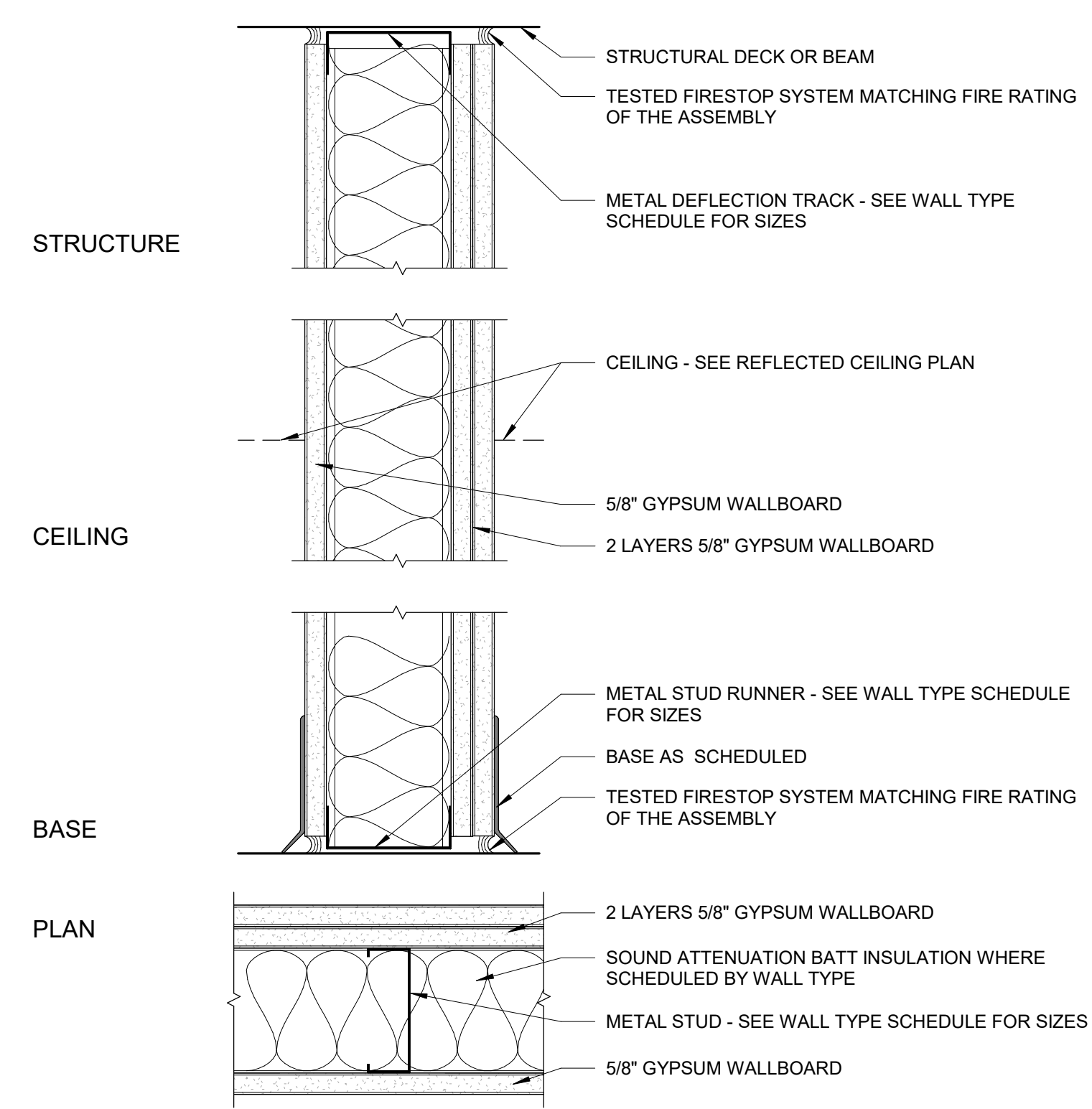
S-29 MILLER ARMORY LATRINE ADDITION

CLIENT PROJECT NUMBER: 19083730
 CLIENT CONTRACT NO: C32988060AE
 IOWA ARMY NATIONAL GUARD
 BUILDING S-29 CAMP DODGE
 7105 NW 70TH AVENUE JOHNSTON, IOWA 50131

SCH	MJK	100% SET	2024-07-25	2112209640	Field Book
ADD 1	08/19/2024	Addendum #1			

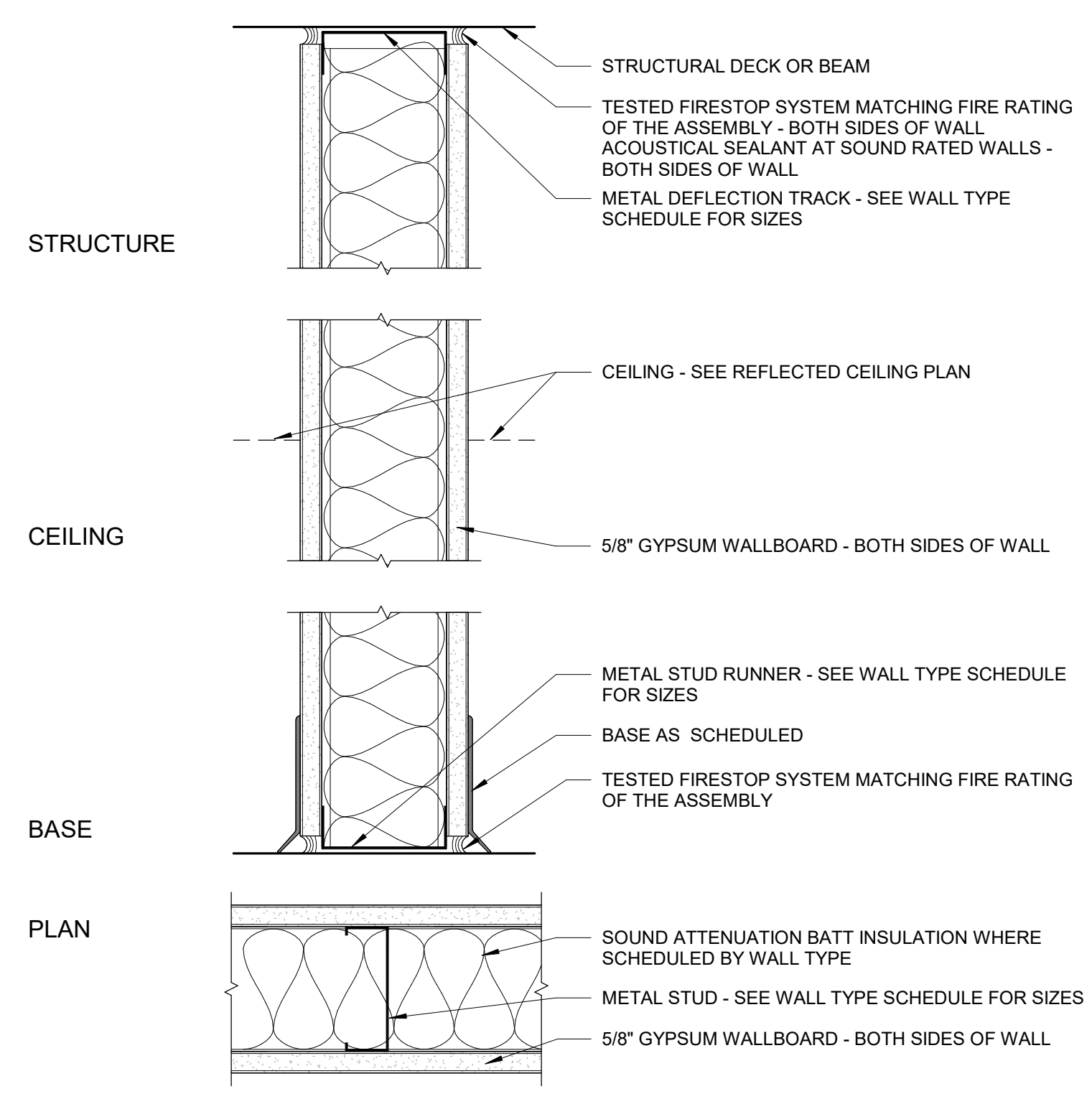
INTERIOR ELEVATIONS AND CASEWORK DETAILS

DRAWN BY	SPM	08/19/2024	Addendum #1
APPROVED BY	MJK		
ISSUED FOR	100% SET		
ISSUE DATE	2024-07-25		
PROJECT NUMBER	2112209640		
FIELD BOOK			



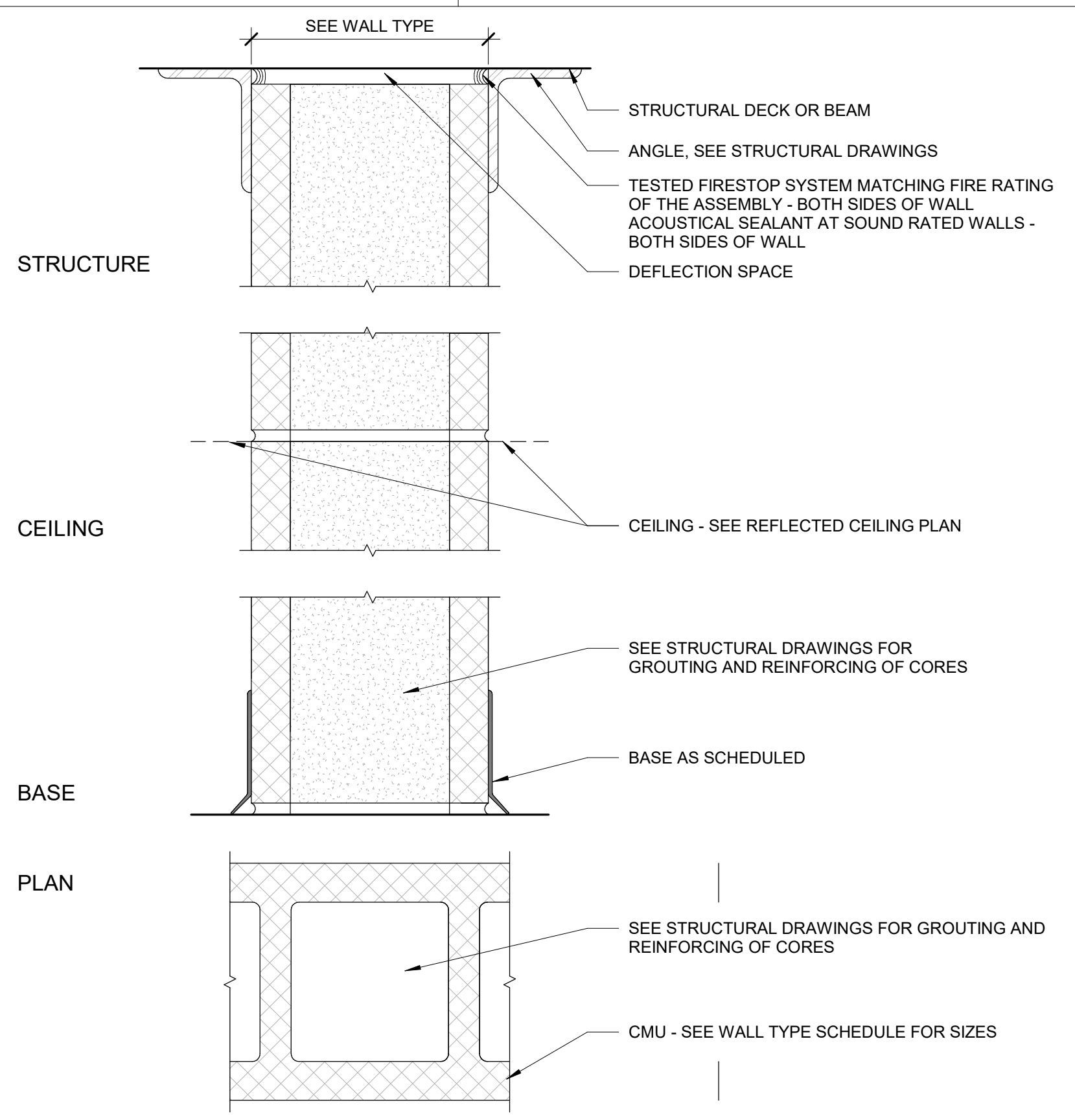
S#A-A12 WALL TYPES					
TYPE	DESCRIPTION	WIDTH	ASSY	FIRE	STC
S6A-A12	3 5/8" METAL STUDS TO STRUCTURAL DECK OR BEAM ABOVE W/ 5/8" GWB ON ONE SIDE AND 2 LAYERS 5/8" OF GWB ON OTHER SIDE OF WALL	7 7/8"	U419	1 HR	

WALL TYPE S#A-A12
 3" = 1'-0" 0" 6"



S#A-11 WALL TYPES					
TYPE	DESCRIPTION	WIDTH	ASSY	FIRE	STC
S3A-A11	3 5/8" METAL STUDS TO STRUCTURAL DECK OR BEAM ABOVE W/ 5/8" GWB BOTH SIDES OF WALL AND SOUND ATTENUATION BATTS IN CAVITY	4 7/8"			
S6A-11	6" METAL STUDS TO STRUCTURAL DECK OR BEAM ABOVE W/ 5/8" GWB BOTH SIDES OF WALL	7 1/4"			

WALL TYPE S#A-A11
 3" = 1'-0" 0" 6"



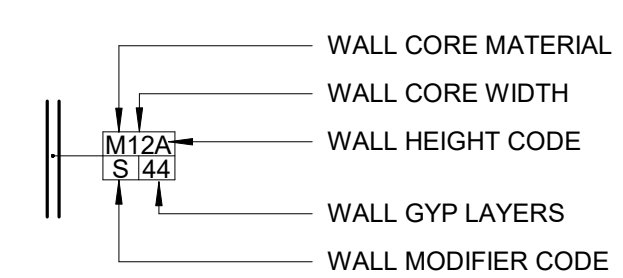
M#A WALL TYPES					
TYPE	DESCRIPTION	WIDTH	ASSY	FIRE	STC
M4A	4" CMU TO STRUCTURAL DECK OR BEAM ABOVE	3 5/8"			
M8A-F	8" CMU TO STRUCTURAL DECK OR BEAM ABOVE	7 5/8"	U905	2 HR	

WALL TYPE M#A
 3" = 1'-0" 0" 6"

WALL TYPE NOTES

- DEEP DEFLECTION TRACKS REQUIRED AT ALL TOP OF WALL TO STRUCTURAL CONNECTIONS - WALL TYPE CODE 'A'.
- [XX] GAUGE 3-5/8" METAL STUDS REQUIRED FOR PORTIONS OF THE BUILDING WITH WALLS REQUIRED TO GO TO STRUCTURE WHERE THE ROOF DECK IS BETWEEN 18'-21' ABOVE FINISHED FLOOR.
- PROVIDE BATT INSULATION VERTICAL SUPPORTS AS NEEDED.
- LEAD IS TO EXTEND TO A HEIGHT OF 7 FEET W/ NO GAPS BETWEEN SHEETS. ANY VOIDS OR OPENINGS IN SHIELDING ARE TO BE COVERED WITH LEAD BAFFLES SUCH THAT NO DIRECT LINE WITHOUT SHIELDING EXISTS. LEAD SHOULD OVERLAP APPROX 1 INCH AT SEAMS. LEAD IS TO EXTEND INTO THE OPERATOR VIEWING WINDOW FRAME AND DOOR JAMBS. ROOM SURVEY SHOULD BE PERFORMED AFTER INSTALLATION OF THE UNIT TO VERIFY SHIELDING INTEGRITY.
- FOR WALLS THAT REQUIRE ACOUSTICAL GYPSUM WALLBOARD, WALL TYPES ARE DESIGNATED BY 'a' WALL TYPE CODE. THE ACOUSTICAL GYPSUM WALLBOARD IS REQUIRED ON THE INTERIOR OF THE ROOM WHERE DESIGNATED. A MINIMUM OF STC 55 IS REQUIRED. APPLY SEALANT AT BOTTOM & TOP OF WALL AND AT PENETRATIONS.
- PROVIDE TILE BACKER PANELS IN PLACE OF GYPSUM WALLBOARD ON WALLS INDICATED TO RECEIVE TILE OR SIMILAR FINISH MATERIALS. REFER TO THE FINISH PLAN FOR LOCATIONS.

WALL TAG LEGEND

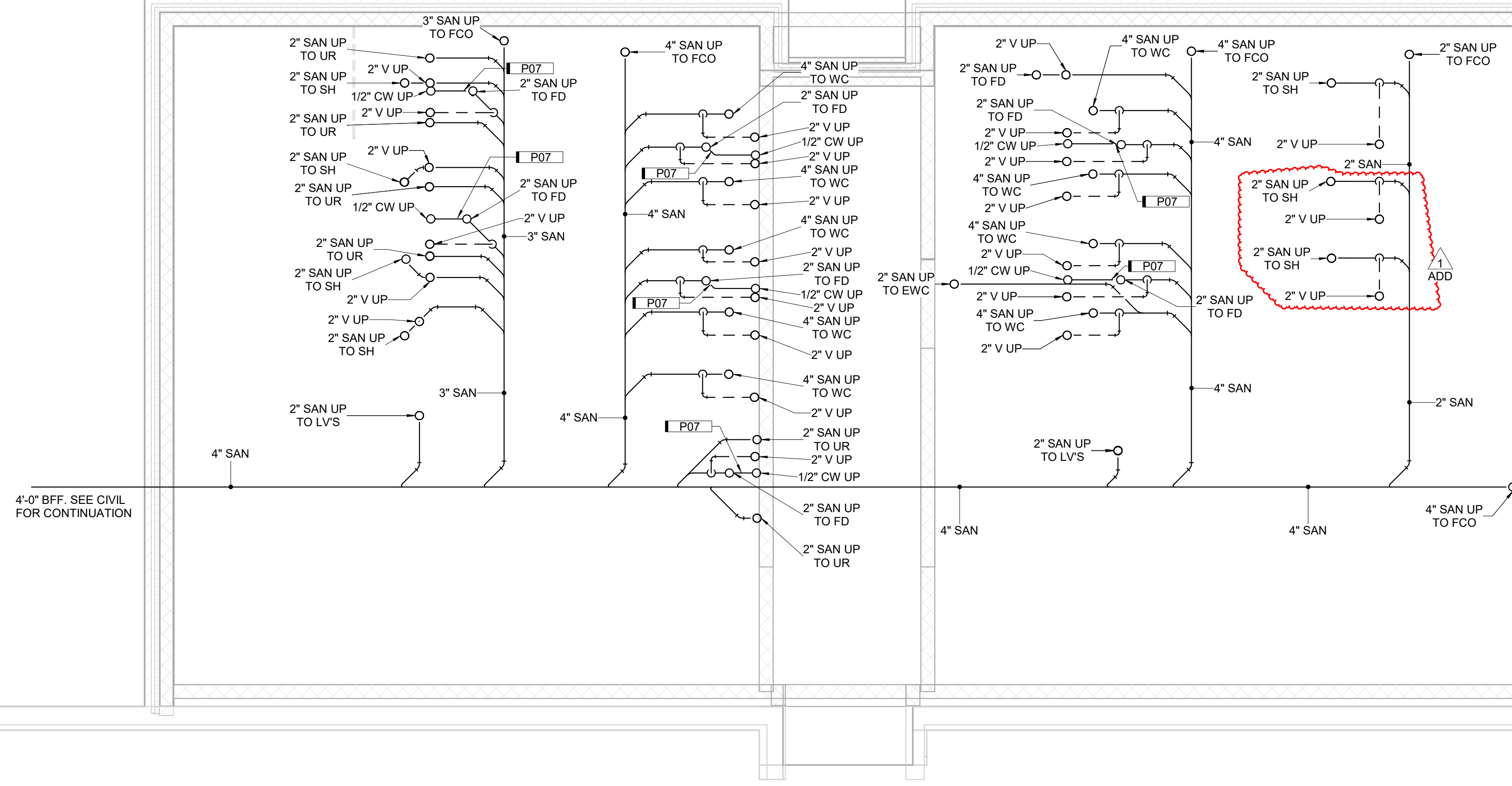


WALL CODES LEGEND

WALL CORE MATERIAL CODE	MATERIAL	MATERIAL WIDTH CODE	WIDTH	WALL HEIGHT CODE	DESCRIPTION	WALL MODIFIER CODE	DESCRIPTION	WALL GYPSUM BOARD LAYERS CODE	DESCRIPTION		
S	METAL STUDS	0	7/8" FURRING CHANNEL	A	TO UNDERSIDE OF STRUCTURAL DECK	(BLANK) NO MODIFIER	(BLANK) NO GYP BD	01	(0) + (1)		
		1	1 5/8" METAL STUD								
		2	2 1/2" METAL STUD								
		3	3 5/8" METAL STUD								
		4	4" METAL STUD								
		6	6" METAL STUD								
M	MASONRY CMU	4	3 5/8" CMU	B	TO 4" ABOVE CEILING	BURNISHED FACE CMU	11	(1) + (1)			
		6	5 5/8" CMU								
		8	7 5/8" CMU								
		10	9 5/8" CMU								
		12	11 5/8" CMU								
C	CEMENT BOARD	C	TO UNDERSIDE OF CEILING	C	CEMENT BOARD	F	FIRE RATED ASSEMBLY - SEE LIFE SAFETY PLAN FOR FIRE RATINGS	P	PLYWOOD		
										L	LEAD-LINED GYPSUM BOARD (+ SOUND BATTS)
R	1/2" RESILIENT CHANNELS	S	SMOKE RATED ASSEMBLY								

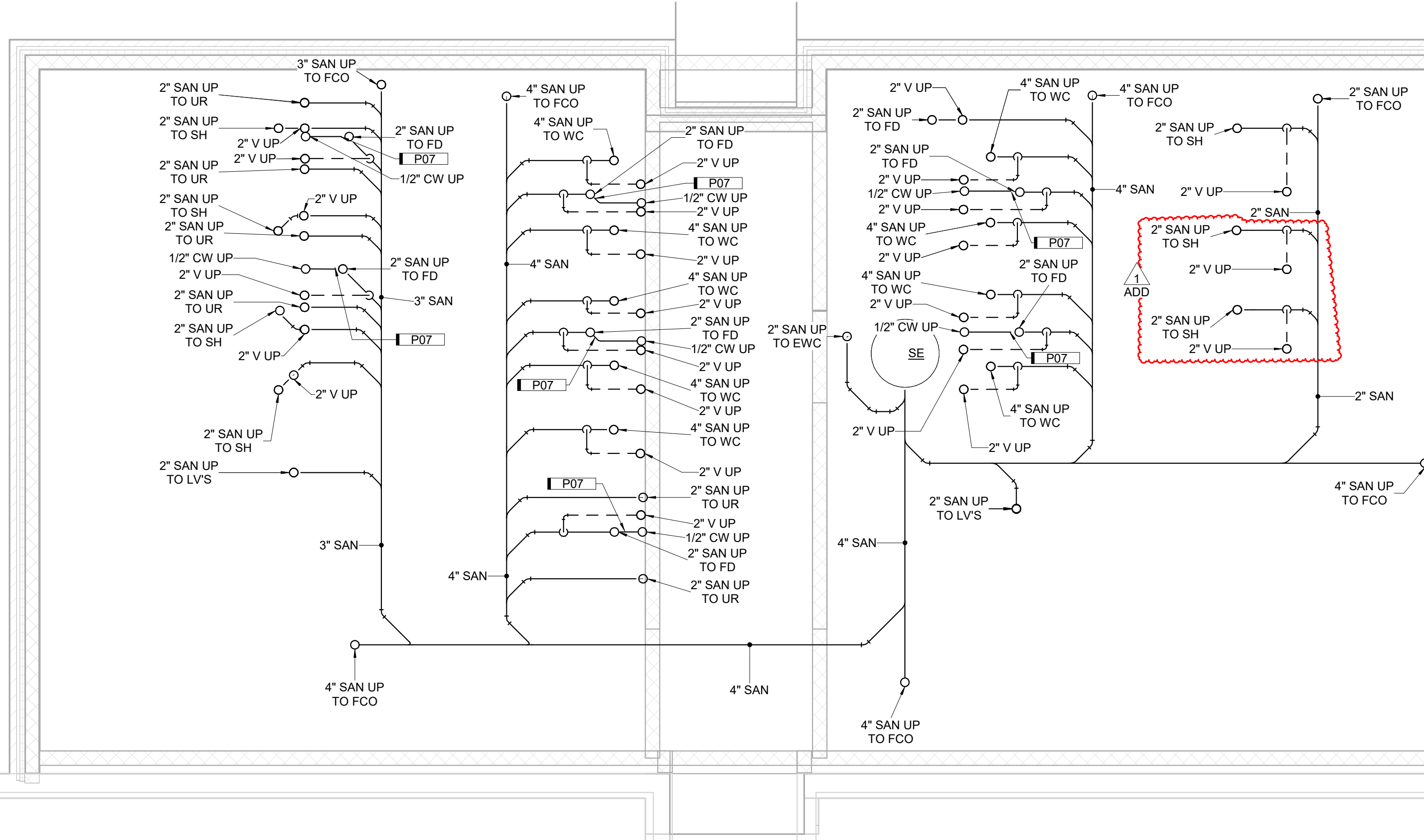
Autodesk Revit 2022
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 Address: 1220040 - S-29 Miller Armory Latrine
 Address: 1220040 - S-29 Miller Armory Latrine
 Address: 1220040 - S-29 Miller Armory Latrine

A2 STORM, SANITARY AND VENT UNDERFLOOR PLAN - GRAVITY FEED -
 BASE BID
 1/4" = 1'-0" 0' 6'



KEYNOTES	
KEY	NOTE
P07	CONNECT COLD WATER TO FLOOR DRAIN TRAP PRIMER CONNECTION.

A4 STORM, SANITARY AND VENT UNDERFLOOR PLAN - SEWAGE EJECTOR -
 ALTERNATE BID
 1/4" = 1'-0" 0' 6'



SHIVE-HATTERY
 ARCHITECTURE+ENGINEERING
 4125 WESTOWN PARKWAY, SUITE 100
 WEST DES MOINES, IA 50266
 515.223.8104 | SHIVE-HATTERY.COM

S-29 MILLER ARMORY LATRINE ADDITION

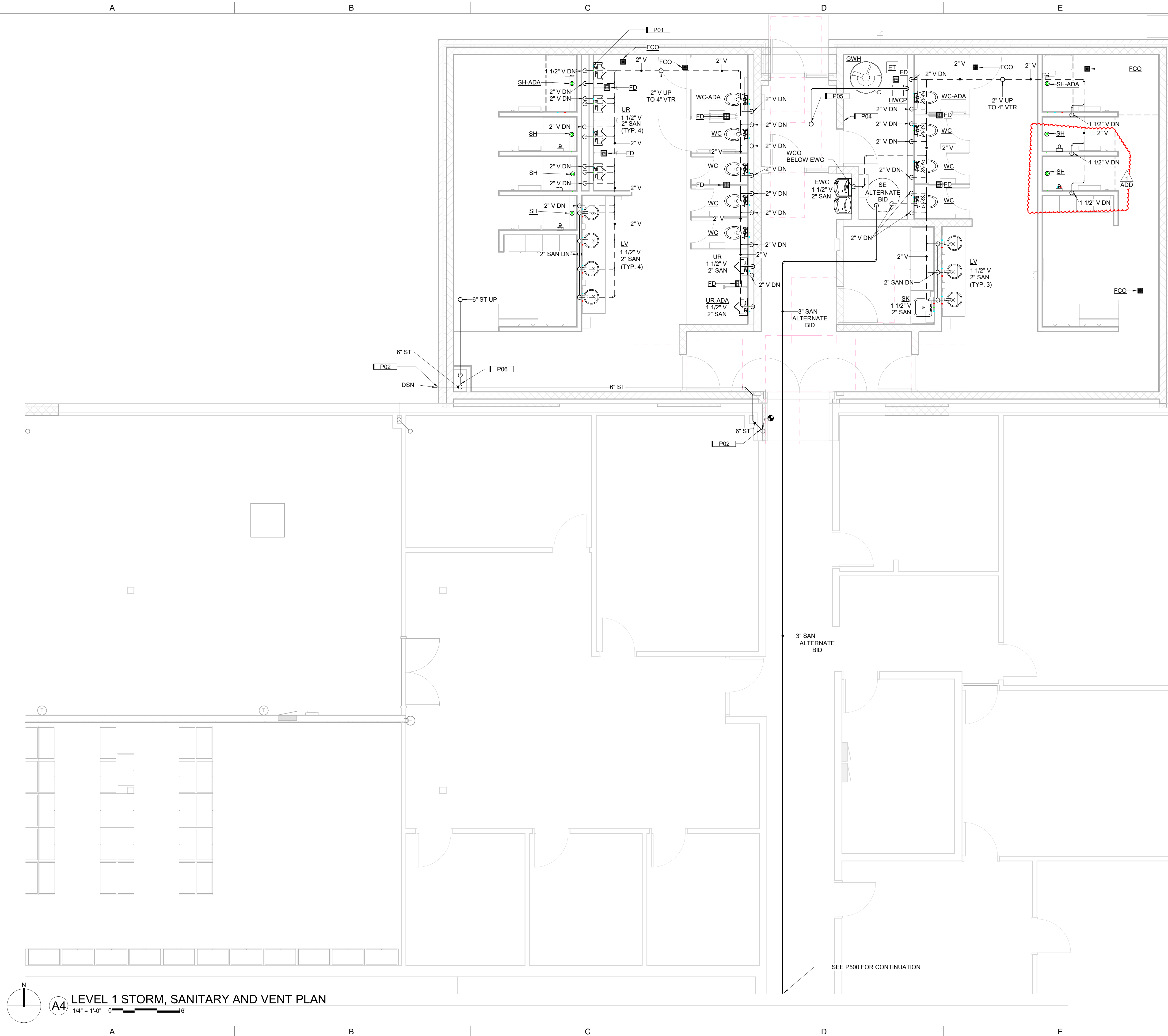
ADD 1	08/19/2024	Addendum #1
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APPROVED BY	TLS
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PROJECT NUMBER	2112209640
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STORM, SANITARY AND VENT UNDERFLOOR PLAN

P100

CLIENT PROJECT NUMBER: 19083730
 CLIENT CONTRACT NO: C32959060AE
 IOWA ARMY NATIONAL GUARD
 BUILDING S-29 CAMP DODGE
 7105 NW 70TH AVENUE JOHNSTON, IOWA 50131



KEYNOTES	
KEY	NOTE
P01	DO NOT LOCATE URINAL WALL CLEANOUTS BEHIND PARTITION WALLS.
P02	EXTEND EXISTING STORM DRAINAGE PIPING TO NEW EXTERIOR WALL. TERMINATE WITH DOWNSPOUT NOZZLE AND SPLASHBLOCK.
P04	INSTALL EMERGENCY SHUTOFF VALVE FOR THE WATER HEATER AT EXIT FROM MECHANICAL ROOM.
P05	ROUTE 1/2" DRAIN FROM ROOF HYDRANT TO FLOOR SINK.
P06	CONNECT STORM PIPING IN VERTICAL WITH WYE TYPE FITTING.

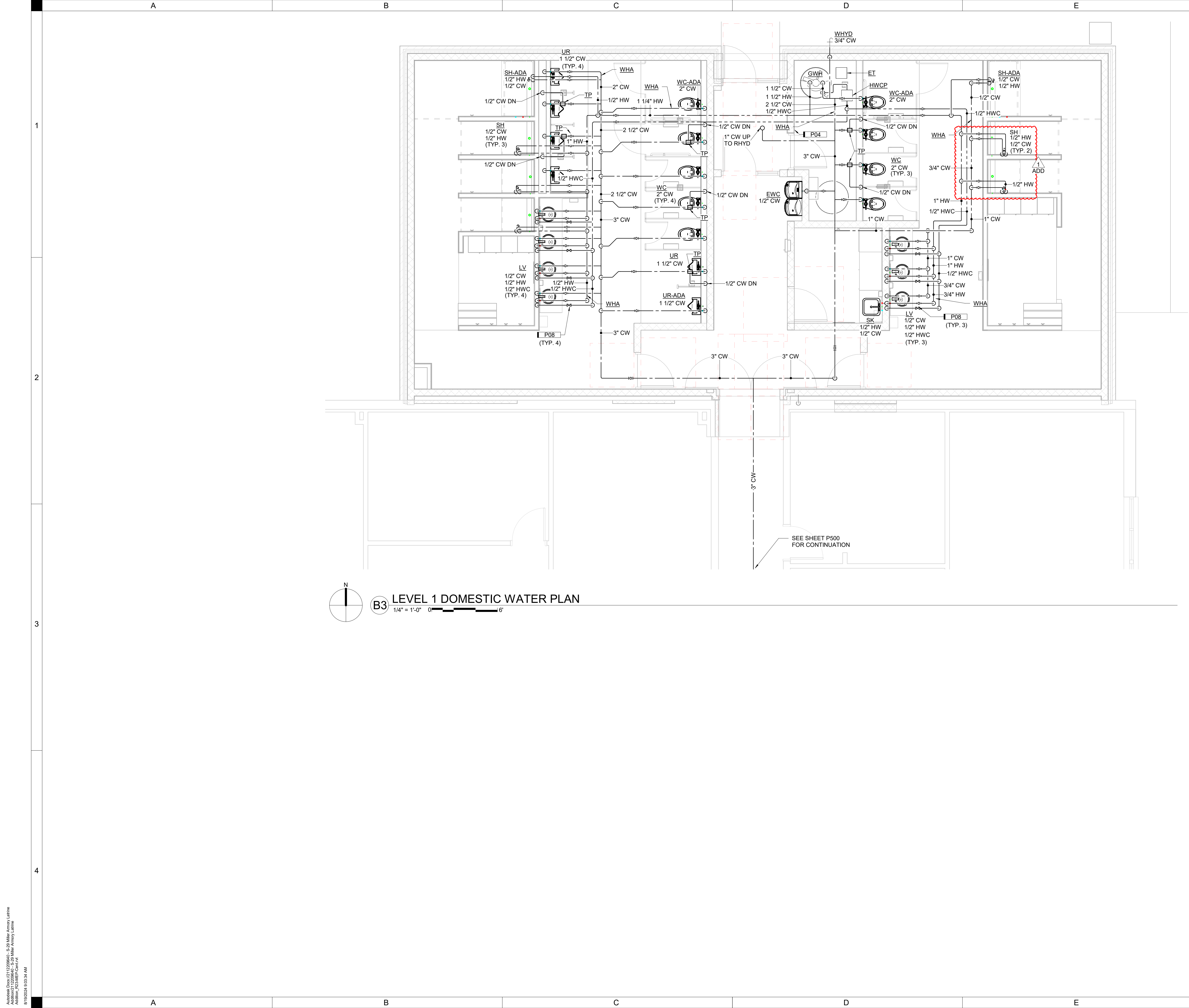
GENERAL NOTES:
 CLEANOUTS ABOVE URINALS SHALL NOT BE PLACED BEHIND PARTITION WALLS. THEY SHALL BE PLACED TO ALLOW EASE OF ACCESS TO MAINTENANCE PERSONEL.

A4 LEVEL 1 STORM, SANITARY AND VENT PLAN
 1/4" = 1'-0" 0' 6"

S-29 MILLER ARMORY LATRINE ADDITION

CLIENT PROJECT NUMBER: 19083730
 CLIENT CONTRACT NO: C32595060JAE
 IOWA ARMY NATIONAL GUARD
 BUILDING S-29 CAMP DODGE
 7105 NW 70TH AVENUE JOHNSTON, IOWA 50131

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APPROVED BY	TLS			
ISSUED FOR	100% SET			
ISSUE DATE	2024-07-25			
PROJECT NUMBER	2112209640			
FIELD BOOK				



B3 LEVEL 1 DOMESTIC WATER PLAN
 1/4" = 1'-0" 0' 6"

KEYNOTES	
KEY	NOTE
P04	INSTALL EMERGENCY SHUTOFF VALVE FOR THE WATER HEATER AT EXIT FROM MECHANICAL ROOM.
P08	HOT WATER RECIRCULATION BALANCING STATION. THERMOMEGA CIRCUIT SOLVER. REFER TO DETAIL.

S-29 MILLER ARMORY LATRINE ADDITION

CLIENT PROJECT NUMBER: 19083730
 CLIENT CONTRACT NO: C32959606JAE
 IOWA ARMY NATIONAL GUARD
 BUILDING S-29 CAMP DODGE
 7105 NW 70TH AVENUE JOHNSTON, IOWA 50131

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APPROVED BY	TLS
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ISSUE DATE	2024-07-25
PROJECT NUMBER	2112209640
FIELD BOOK	