



ADDENDUM

JLG 24146.01-5 Dunn County Public Safety Center

RE: addendum

Issued: November 13, 2025

ADDENDUM #: 03

NOTICE TO CONTRACTORS

This Addendum is prepared to supplement information presented in the Drawings and Project Manual dated October 21, 2025 for the above referenced project. All additions, changes, omissions and conditions listed herein shall become an integral part of the Contract Documents.

SPECIFICATIONS

1. SECTION 05 5100 - METAL STAIRS
 - o Revise paragraph 2.03.B.2.c. to read "Shape: as shown in drawings."
 - o Revise paragraph 2.03.B.2.d. to read "Size: as shown in drawings."

2. SECTION 07 2700 - AIR BARRIERS
 - o Remove section in its entirety.

3. SECTION 07 4213 - METAL WALL PANELS
 - o Revise paragraph 2.05.B.1.a. to read "Finish: Blackened Steel, Hollywood #EM017".

4. SECTION 08 3613 - SECTIONAL DOORS
 - o Revise paragraph 2.06.F.1 to state, "1. Quantity as scheduled below:
 - a. Provide 3 - 2 button remotes that operate both Doors A166A and B166D
 - b. Provide 5 - 2 button remotes that operate both Doors B164A and B164B
 - c. Provide 10 - 3 button remotes that operate all three doors B163B, B163C, and Door B163D
 - d. Provide 3 - "open, stop, close" style remotes that operate door B156C
 - e. Provide 3 - "open, stop, close" style remotes that operate door B158B
 - f. Verify with Owner on Remote controlling sequence prior to programming"

5. SECTION 10 1100 - VISUAL DISPLAY UNITS
 - o Revise paragraph 2.01.A. to read "Markerboards (MRKBD-1)". Reference to "porcelain enamel on steel, laminated core" to be removed.

6. SECTION 11 6723 - SHOOTING RANGE EQUIPMENT
 - o Remove paragraph 2.01.B. in its entirety.

APPROVED EQUALS

The following products have been approved for use on this project. All approved products must still meet all product specifications as listed in the product specification section.

Section	Material ID or description	Basis of Design	Approved Equal
11 6723 Shooting Range Equipment	Shooting range equipment	InVeris	Range Systems – Vertical Baffles; Suspended Baffles; Safety Ceilings; Fortress Shooting Stalls; Encapsulator TM Gran-Trap; e-Range; CR-2TL Target Retrieval System; Clearview TM Lane Divider (as specified only top portion) plus accessories; Dura-Bloc TM Ballistic Rubber; Dura-Panel Acoustic Rubber (with appropriate bullet stop backing and refer to bullet trap sidewall requirements)
11 6723 Shooting Range Equipment	Shooting range equipment	InVeris	Milo Systems – Shooting Stalls; Target Retrieval System *More information must be presented for full fit-out inclusion of products.

DRAWINGS

1. S101 – FOOTING & FOUNDATION PLAN
 - o Drawing 1/S101: Sign Foundation plan added.
 - o Detail 2/S101: Sign Foundation Detail added.
 - o Footing & Foundation Plan: Updated concrete pad footing elevations.
2. S102 – FIRST FLOOR FRAMING PLAN
 - o First Floor Framing Plan: Added details 10/S302, 20/S402, & 21/S402.
 - o Concrete Beam Schedule Added.
3. S103 – SECOND FLOOR FRAMING PLAN
 - o Second Floor Framing Plan: Added column tags to columns along gridline D.
4. S104 – ROOF FRAMING PLAN
 - o Roof Framing Plan: Updated location of roof hatch at north stair tower.
 - o First Floor Framing Plan: Added details 12/S402, 22/S402, & 23/S402.
5. S301 – FOUNDATION DETAILS
 - o Detail 14/S301: Added embedded angle size.
6. S302 – FOUNDATION DETAILS
 - o Detail 3/S302: Foundation wall rebar clarification.
 - o Detail 4/S302: Foundation wall rebar clarification.
 - o Detail 5/S302: Foundation wall rebar clarification.
 - o Detail 7/S302: Reinforcement Development Length Detail added.
 - o Detail 8/S302: Concrete Beam Detail added.
 - o Detail 9/S302: Concrete Jamb Detail added.
 - o Detail 10/S302: Hollowcore @ Steel Beam Detail added.
7. S401 – FRAMING DETAILS
 - o Detail 10/S401: Added Base Plate & Anchor Rod detail.

8. S402 – FRAMING DETAILS
 - Detail 20/S402: HC Bearing Detail added.
 - Detail 21/S402: HC Bearing Detail added.
 - Detail 22/S402: Joist BRG @ PC Panel added.
 - Detail 23/S402: Joist BRG @ PC Panel added.

9. A201 – LEVEL 1 FLOOR PLAN
 - Replace sheet in its entirety.
 - Drawing 6A: Add 10' high by 3 ½" thick precast veneer along exterior wall as shown in Conference Room A103 and Break Room A122. Veneer to have PCFIN-30 for base bid finish and PCFN-20 for Alternate 4 finish.
 - Keynotes – Floor Plan: Add keynote "28" as follows: "10' HIGH BY 3 1/2" THICK PRECAST VENEER WITH (PCFIN-30) AS BASE BID AND (PC FIN-20) AS ALTERNATE 4."

10. A212 – ENLARGED PLANS AND ELEVATIONS
 - Replace sheet in its entirety.
 - Drawing 5B: Revise cabinet widths as shown to accommodate precast veneer wall.
 - Drawing 4B: Add keynote 28 to precast veneer wall as shown.

11. A225 – DOOR DETAILS
 - Replaced sheet in its entirety
 - Drawing 4C: added VPT RET-10
 - Drawing 4B: added VPT RET-10 & WD BLKG
 - Drawing 1C: AIR BAR-3 changed to VPT RET-10
 - Drawing 1B: AIR BAR-3 changed to VPT RET-10

12. A301 – EXTERIOR ELEVATIONS
 - Replace sheet in its entirety.
 - Drawing 1 & 2:
 - Revise elevations to show dimensions, materials and details as shown.
 - Add "Alternate 10" to title as shown.
 - Drawing 3: Remove Monument Sign Section detail from sheet.

13. A422 – VERTICAL CIRCULATION DETAILS
 - Drawing 7B: Add notes for bent steel plate as shown.
 - Drawing 7C: Add detail in its entirety.
 - Drawing 6B: Remove handrail and related notes from detail at Bridge.
 - Drawing 2D: Add note " 1 ¼" I.D. stainless steel rail at Stair A locations only."

14. A510 – EXTERIOR DETAILS
 - Replace sheet in its entirety.
 - Revise Detail numbers as shown.
 - Drawing 1A & 2A: Add Monument Sign Sections in their entirety. Monument sign is Alternate 10.
 - Drawing 3A & 4A: Revise elevation name and height as shown.
 - Drawing 7D:
 - Revise title to read "Entry Canopy at Curtain Wall".
 - Revise detail to include dimensions and correct steel locations.
 - Add materials INSUL-36, WTHR STL-4, and FUR-1 as shown.
 - Drawing 6A: Revise drawing to remove drainage board DRAIN BD-1 from foundation wall and remove the vapor retarder and water proofing from underneath footing as shown.

15. A601 – BASEMENT & LEVEL 1 FINISH PLAN

- Replace sheet in its entirety.
- Room Finish Schedule – Basement: Revise
 - A015 Mechanical and A015A Fire Pump wall finishes to “PT-1*” and remark “*PT-1 to be provided on gypsum walls only.”
 - Revise STB-0 and STB-1 wall finishes as shown.

16. A602 – LEVEL 2 FINISH PLAN

- Replace sheet in its entirety.
- Room Finish Schedule – Level 2:
 - Revise STA-2 and STB-2 wall finishes as shown.

17. A611 – INTERIOR ELEVATIONS

- Drawing 6E: Add note “(PCFIN-20) Alternate 4” to all precast panels along west wall of Lobby A102 and Vestibule A101.

18. A701 – BASEMENT RCP

- Replace sheet in its entirety.
- Drawing 6A:
 - Adjust Shooting Lane A006 ceilings as shown.
 - Revise keynote in Rooms A014, A015, and A015A from “01” to “05”. No paint on exposed ceilings.
- Keynotes – Ceiling Plan –
 - Remove keynote “1 – Ceiling plan note”.
 - Revise keynote “03” to “04” used at Shooting Lanes A006.
 - Add keynote 5 to read “No paint at exposed ceiling.”

19. A702 – LEVEL 1 RCP

- Replace sheet in its entirety.
- Drawing 6A:
 - Revise ACT-2 hatch pattern as shown.
 - Remove window shade material id tags from reflected ceiling plans. Window shades are shown on finish plans with a keynote.
 - Add keynote 01 to exposed structure in Hallway A106.
 - Remove keynote 01 from Equipment Storage A118.

20. A703 – LEVEL 2 RCP

- Replace sheet in its entirety.
- Drawing 6A:
 - Revise ACT-2 hatch pattern as shown.
 - Remove window shade material id tags from reflected ceiling plans. Window shades are shown on finish plans with a keynote.
 - Remove text “Dark Ceiling” from Training Room/EOC A214, Fitness Area B251.
 - Add keynote 01 to Storage B254 and Storage B255.

ATTACHMENTS

1. Dunn Co – Question Log
2. Architectural Drawings
3. Structural Drawings
4. Mechanical Addendum Narrative and Drawings
5. Electrical Addendum Narrative and Drawings

END OF ADDENDUM

PLAN AND SPECIFICATION QUESTIONS

Project Name: **Dunn County Courthouse Remodel & Public Safety Center**
 Architect: **JLG Architects**
 Bid Date: **November 13, 2025**



Architect/Engineer remarks in blue.

Question#	Building	Plan Sheet / Specification	Date of Question	Date of Answer	Discipline	Questions/Clarifications	Response
1	Public Safety Center		10/27/25	11/13/25	ACT	<p>Substitution Request: ACT-1 – Public Safety Center: -Specified: Armstrong Ultima High-NRC #1942 -Proposed: USG Mars High-NRC #87100 ACT-2 – Public Safety Center: -Specified: Armstrong Cirrus Second Look #511 -Proposed: USG Eclipse Illusion #78085 (VE Alternate option – scoring for specified not available from USG) WWAP-1—3 – Public Safety Center: -Specified: Wood Wool Lay-In Ceiling Panels and Wall Panels -Proposed: Tectum Lay-In Ceiling Panels & Wall Panels WCS-1 – Public Safety Center: -Specified: Armstrong Woodworks Linear -Proposed: 5th Wall Designs Linear</p>	ACT-1, WWAP-1, WWAP-2, WWAP-3 will be included in Addendum 1. ACT-2 was not accepted. WCS-1 not approved.
2	Courthouse		10/27/25	11/04/25	ACT	<p>ACT-1 & 2 – Courthouse: -Specified: Armstrong Optima – 2x2 & 2x6, 9/16” tegular -Proposed: Option 1 (equal): USG Halcyon #98225 & #98348 Option 2 (VE Alt): USG Mars High-NRC #88139 & #89678</p>	No Substitutions are allowed. We are matching existing spaces and attic stock.
3	Public Safety Center	095426	10/28/25	11/13/25	ACT	Substitution request for Linear Wood Ceiling WCS-1: ASI Architectural Wood Linear	Not approved.
4	Public Safety Center		10/28/25	11/07/25	Firing Range	Substitution Request: Action Target	Products will be noted as approved equals in addendum.
5	Public Safety Center		10/28/25	11/04/25	Earthwork	Can bidders received the Civil CAD files?	Per drawing C001 Civil Notes and Legends, Civil CAD files will be provided if the attached CAD Plan Files Disclaimer form is filled out and returned.
6	Public Safety Center		10/28/25	11/04/25	JE Dunn DFH QA/QC	Opening A003 is labeled twice on the door schedule and labeled twice on the floor plans. Please review and update door schedule and floor plans so each opening has a unique opening #.	Elevator door tag to be modified to EL-01. Updated door schedule to be issued via future addendum.
7	Public Safety Center		10/28/25	11/07/25	JE Dunn DFH QA/QC	Openings STB-1A and STB-2 are scheduled as aluminum door and frames. These openings are also scheduled as 60 minute fire rated. The project manual does not have a specification for fire rated aluminum doors and frames. Please review and confirm if these openings should be aluminum or hollow metal?	These doors will be 60 minutes and hollow metal doors. Revision to be issued via addendum
8	Courthouse		10/28/25	11/07/25	JE Dunn DFH QA/QC	Opening 163B is missing a hardware set assignment. Please advise what hardware set this opening should be assigned to.	Hardware group E18.2, to be addressed via addendum.
9	Courthouse		10/28/25	11/07/25	JE Dunn DFH QA/QC	Opening E110B is shown on the floor plans (6A / A201) but not listed on the door schedule. Per the floor plan notes this opening is required to receive new hardware. Please confirm what hardware set this opening should be assigned to.	Door added to door schedule and will be issued via addendum. Hardware group E18.0.
10	Public Safety Center / Courthouse		10/28/25	11/04/25	JE Dunn DFH QA/QC	Elevations FG, G, and N indicate the vertical rail dimension is 6”. This is to avoid hardware mounting conflicts with the lite and maintain the wood door manufacturer’s warranty this dimension needs to be enlarged to 8”. Please confirm that this is acceptable.	8” is acceptable. To be address via future addendum.
11	Public Safety Center		10/28/25	11/04/25	JE Dunn DFH QA/QC	The wood door specifications make a reference to bullet resistant doors, but the door schedule does not indicate that any of the doors are to be bullet resistant. Please confirm that none of the doors are required to be bullet resistant.	Door A104B will be updated to a bullet resistant door. To be address via future addendum.
12	Public Safety Center		10/28/25	11/07/25	JE Dunn DFH QA/QC	Please confirm if the wood doors are required to be FSC Certified or not.	Yes, they should be FDC Certified wood.
13	Courthouse		10/28/25	11/04/25	JE Dunn DFH QA/QC	The courthouse remodel specifications only list Forte as an approved wood door manufacturer. We have had quality issues with this manufacturer. The public safety center specifications list other manufacturers as approved. Please confirm the approved manufacturers in the Public Safety Center are acceptable at the Courthouse	For the Courthouse, the intent is to match existing. The material schedule on A600 calls out Masonite Architectural, Aspiro series, White Maple - Caramel to match existing. This would be preferred. Otherwise as long as the stain can match exactly, we're open to other preferred manufacturers.
14	Courthouse		10/28/25	11/07/25	JE Dunn DFH QA/QC	The courthouse specifications do not indicate what veneer is required. The specifications only say White. Please confirm that the specifications should specify White Birch doors to match the specifications for the public safety center. Please confirm if the wood doors are required to be FSC Certified or not.	White maple veneer to match existing doors at the Courthouse. Will be revised via addendum. Door specifications are different between PSC and Courthouse. Wood doors are to be FSC certified.
15	Public Safety Center		10/28/25	11/07/25	JE Dunn DFH QA/QC	Opening A104A / Hardware Set 11.0 – The hardware set indicates that a wall stop is required, but this opening has a glass side lite that will not allow a wall stop to be used. Please confirm that a closer with a built in stop should be specified in lieu of a wall stop.	Hardware group has been updated to remove wall stop and include overhead stop.
16	Public Safety Center		10/28/25	11/07/25	JE Dunn DFH QA/QC	Opening STB-2 / Hardware Set 38.0 – The hardware set specifies an electric strike, and this opening is also fire rated. Because of the fire rating, the electric strike will fail secure, so when the fire alarm is activated, this door will remain locked preventing stairwell re-entry. Please review and confirm this is the desired function of this opening.	This is panic hardware so Training Room can always egress into the stair. One cannot enter from the stairwell into the training room just like normal function. A person who has a card can still access training room.
17	Public Safety Center		10/28/25	11/07/25	JE Dunn DFH QA/QC	Opening A101A / Hardware Set 238.0 – The system plans (E401) indicate that an automatic door operator is required, but the hardware schedule does not specify an automatic door operator. Please confirm if an automatic door operator is required.	Hardware group revised to include an automatic opener.
18	Public Safety Center		10/28/25	11/07/25	JE Dunn DFH QA/QC	Opening A101B is missing from the system plans (E401). Please review and add this opening to the system plans.	Door to be added to systems plan. To be address via addendum.
19	Public Safety Center		10/28/25	11/07/25	JE Dunn DFH QA/QC	Opening STB-1A / Hardware Set 38.2 – The hardware schedule has specified electrified hardware that would require a card reader on the push and pull side of the door but the system plans (E401) show that a card reader is only required on the pull side of the door. Please confirm if a card reader is required on both sides of the door or just one side. If the card reader is required on one side, please confirm what the new hardware set assignment should be.	This should be hardware group 38.0.
20	Courthouse		10/28/25	11/07/25	JE Dunn DFH QA/QC	Opening E110B is shown on the system plans (E401) to receive a card reader, but this opening is not listed on the door schedule. Please add opening to door schedule and confirm what hardware set this opening should be assigned to.	Duplicate item to #9. Door added to door schedule and will be issued via addendum. Hardware group E18.0.

21	Courthouse		10/28/25	11/07/25	JE Dunn DFH QA/QC	Opening 161 / Hardware Set 15.0 – The system plans (E401) indicate that a card reader is required, but the hardware schedule does not indicate that a card reader is required. Please confirm if a card reader is required or not. If a card reader is required, please indicate what hardware set this opening should be assigned to.	Hardware group updated to 18.2.
22	Courthouse		10/29/25	11/04/25	Drywall	Can a wall assembly be provided for the wall infill at Restroom 160?	F4 partitions can be used. Face of gypsum to align with existing face of gypsum.
23	Courthouse	A213	10/29/25	11/04/25	Drywall	Is there any drywall framing required at SF04, A213, to prepare for new security storefront? If so please provide details.	See details 4D, 5D & 6D/A302. Intention is that glazing channels be mounted to existing framed opening and counter.
24	Courthouse		10/30/25	11/04/25	Rough Carpentry	There are no structural details for the construction of the ramp or raised platforms at the Courtroom.	There will not be structural details. Framing is noted as 2x construction at 12" O.C. with 3/4" fire treated plywood. All wood 2x and wood sheathing to be fire treated.
27	Courthouse		10/30/25		Fire Suppression	Need to verify AHJ and Owner requirements for Temporary Fire Suppression System at Courthouse.	
28	Courthouse		10/30/25		Fire Alarm	Need to verify AHJ and Owner requirements for Temporary Fire Alarm System at Courthouse.	
29	Courthouse		10/30/25		All MEPFS	Need to verify Owner requirements for second shift and weekend work for shut-downs, tie-ins, etc.	
31	Public Safety Center		10/30/25	11/13/25	Precast Concrete & Electrical / LV	Are electrical and low voltages boxes, conduit, etc. at precast to be surface-mounted (exposed) or recessed/embedded in precast?	All items on the precast in the office wing are to be recessed/embedded. In the shop area interior items would be surface mount and all exterior items would be recessed, with a few exceptions in areas with work areas. Electrical to add keynotes to plan to identify recessed areas in Addendum.
32	Public Safety Center	A210	10/30/25	11/04/25	Roofing	Can PAVER-1 (concrete paver) be simplified to an adhered walking pad?	Since the roof is ballasted, we prefer to continue using concrete pavers.
33	Public Safety Center	09 5426	10/30/25	11/04/25	Acoustic Ceilings	Section 09 5426, Suspended Wood Ceilings, 2.02.c specifies that wood grilles are needed. Sheet A600 specifies WCS-1 as linear wood ceilings. Can you confirm the item needed for WCS-1: grilles or linear?	WCS-1 is a linear wood ceiling product. This will be updated via addendum.
34	Public Safety Center	08 8430	10/30/25	11/04/25	Acoustic Ceilings	Section 09 8430, Sound-Absorbing Wall & Ceiling Units, 2.01.C specifies that Fabric-Covered Acoustical Wall Panels (SAWP) are needed. I wasn't able to find this on the material schedule or interior elevations. Can you confirm if/where the SAWP is needed? If SAWP is needed, can you confirm the item needed?	There are no fabric covered acoustical wall panels in the project. This product will be removed via addendum. .
35	Public Safety Center	09 5423	10/30/25	11/04/25	Acoustic Ceilings	Section 09 5423, Linear Metal Ceilings, specifies that MCT is needed. I wasn't able to find this item on the material schedule. Would USG Ceilings Plus Planx Universal be an acceptable item for the MCT?	This product was missing on A600 and should be listed as Armstrong METALWORKS MESH LAY IN AND TEGULAR -CASCADES 6139AM. This will be added via addendum. USG Ceilings Plus Planx Universal is not an approved equal.
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37	Courthouse	05 7000	11/06/25	11/13/25	Misc. Metals	Please clarify the intent of the 05 7000 decorative metal specification at the Courthouse. Is the intent for Hallway 159 railing to be stainless steel? There is no detail indicating its material type.	Section to be removed.
38	Courthouse	C201	11/06/25	11/13/25	Misc. Metals	Can a detail be provided for the front entrance railings as shown on C201? Can material finish also be clarified? I.E. stainless steel, painted, or galvanized?	Architectural will provide detail. Handrail will be galvanized painted steel.
39	Courthouse		11/06/25	11/13/25	Misc. Metals	Can you confirm what anchor bolt diameters correspond with what base plates? No tags are shown with what anchor bolts are necessary at which column.	Anchor bolt sizes included in Addendum #3.
40	Public Safety Center		11/06/25	11/13/25	Misc. Metals	Is there a base plate and anchor bolt schedule available for the PSC?	Base plate and anchor bolt details added in Addendum #3.
41	Public Safety Center	A422	11/06/25	11/13/25	Misc. Metals	Stainless handrail is shown at Stair A on one side only (3B/A422) with the other being painted steel handrail (2D/A422). Can you confirm where the stainless steel handrail is intended to be for that stair? Also, handrail is called out on the upper bridge per the detail (6B/A422) but not shown in elevations or on floor plan. Is this detail correct?	There should be a stainless steel handrail on both sides of Stair A only. Handrail at the Bridge will be removed. Drawings will be updated to reflect this in Addendum #3.
42	Public Safety Center	14/S301	11/06/25	11/13/25	Misc. Metals	Can the angle embed sizing be provided for detail 14/S301?	Angle embed size included in Addendum #3.
43	Public Safety Center	S102	11/06/25	11/13/25	Misc. Metals	Columns appear on S102 on grid D that have no sizing provided.	Column Sizes included in Addendum #3.
44	Public Safety Center	1B/A422	11/06/25	11/13/25	Misc. Metals	Detail 1B/A422 shows FB 3/8x1 1/2" as the spindles. But the specifications 55100-Metal Stairs, 2.03 Handrails and Guards -B says the spindles should be SQ Bar 1/2". Which should we follow, the details or the specifications?	Drawings are correct, specifications to be updated via Addendum #3.
45	Courthouse	15/S301	11/06/25	11/13/25	Drywall	Is there a condition where 15/S301 is intended to be utilized at the Courthouse?	No. Intened wall removed from plan. Detail removed in Addendum #3.
46	Courthouse	07 4213	11/07/25	11/13/25	Metal Panels	The 07 4213 Metal Wall Panel spec is calling for 12-7/8" and 16-7/8" wide panels. Is there a pattern we are to follow? If there is a pattern for these panels, can the architect please identify the pattern?	16 7/8" wide panels. Specification will be updated via Addendum #3.
47	Public Safety Center	A611	11/07/25	11/13/25	Metal Panels	Do the interior WTHR STL-4 panels need to be clear coated? I don't see anything calling for it, but we would recommend it. These are found on A611.	Yes, interior weathered steel panels (WTHR STL-4) are to be sealed. See specifaicon section 2.02.C.1.d.1. and 2.02.C.4. for panel coating.
48	Courthouse	6A/A701	11/07/25	11/13/25	Metal Panels	Can the specification provide additional information regarding WTHR- STL-2 at soffit conditions? Is the intent to have the soffit be a matching standing seam panel to the wall condition?	Soffit panel to be a 12" wide flush reveal panel with 1 inch reveal, non-vented to match existing conditions. Specifications to be updated via Addendum #3.
49	Public Safety Center		11/10/25	11/13/25	Mechanical	There is no duct associated with EF's 2, 3 & 5	Fan detail will be adjusted in addendum to show drip pan below fan.
50	Public Safety Center		11/10/25	11/13/25	Mechanical	Are RTU's 1 & 2 mounted on roof rails with curbs only for the associated duct?	Contractors option for mounting RTU
51	Public Safety Center		11/10/25	11/13/25	Mechanical	Do the mini split condensers sit on the ground or are they mounted on wall stands?	Mounted on wall stands. Clarified in addendum.
52	Public Safety Center		11/10/25	11/13/25	Mechanical	Please identify missing tags for RGD's in hallway A204, Storage room A206, and exam room A207	Tags are added in addendum.
53	Public Safety Center		11/10/25	11/13/25	Mechanical	There is no ductwork shown for the intake hoods GV-1 or GV-2	Intake hood detail will be modified in addendum to show drip pan below intake hood.
54	Public Safety Center		11/10/25	11/13/25	Mechanical	Compressed air piping is listed as steel or type K copper. Can type L be used in lieu of type K? This is standard. This is also the same on the hydronic piping.	Type L is acceptable and will be noted in addendum.
55	Public Safety Center		11/10/25	11/13/25	Mechanical	There is 1000 gallon DW storage tank called out on the plans. Please provide basis of design or schedule for this.	Basis of design will be given in addendum.
56	Public Safety Center		11/10/25	11/13/25	Mechanical	Glycol in the spec calls for 30% ethylene glycol. Mechanical schedules say vary between 30% and 35%. Please clarify which is correct.	Provide 30% glycol.

57	Public Safety Center		11/10/25	11/13/25	Mechanical	Base Bid propane system calls for MC to provide propane vaporizer. There is nothing scheduled or specified for this. Please schedule or issue spec for basis of design or we cannot provide.	Basis of design for vaporizer will be given in addendum.
58	Public Safety Center	A601	11/10/25	11/13/25	Painting	Sheet A601 the basebent finish plan calls for "no finish" in the mechanical room (015). Sheet A7.01 the RCP calls for the Mech (015) room Ceiling to be painted. Is the intent to have painted ceilings and unpainted walls?	Ceilings have been revised to remove paint from Mechanical rooms in the basement. Will be revised in Addendum #3.
59	Public Safety Center		11/10/25	11/13/25	Mechanical	Trap primers are listed in the spec but do not show up on the plans, are they needed? If so on which drains.	Omit trap primers from spec.
60	Public Safety Center		11/10/25	11/13/25	Mechanical	Pressure washer piping calls for stainless steel. What pressure rating and joining system is desired here? Compression? Threaded? Welded?	Provide schedule 40 stainless steel, threaded.
61	Public Safety Center		11/10/25	11/13/25	Mechanical	Spec also talks about emergency eye wash, does not appear to be one on the plans or schedule. Just want to verify they do not need one in this building.	No emergency eyewash in project. Paragraph will be omitted by addendum.
62			11/10/25	11/13/25	Mechanical	Floor heat piping detail does not show insulation under the piping. Is this correct? If insulation is needed please identify who is responsible for providing it and specifications for the desired insulation.	See architectural drawings for insulation.
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GENERAL NOTES - FLOOR PLAN

- A. FOR TYPICAL BARRIER FREE TOILET ROOM TYPES AND ACCESSORIES REQUIREMENTS AND LOCATIONS SEE DWG G120.
- B. ALL PARTITION TYPES ARE "A" TYPICALLY UNLESS OTHERWISE NOTED.
- C. COORDINATE PARTITION FIRE RATED REQUIREMENTS AS INDICATED ON LIFE SAFETY PLANS.
- D. TYPICALLY INSTALL SOAP DISPENSERS AND PAPER TOWEL DISPENSER AT ALL SINKS UNLESS NOTED OTHERWISE. VANITY COUNTER TOPS WILL NOT HAVE WALL MOUNTED SOAP DISPENSERS.
- E. PROVIDE WALL REINFORCEMENT AT WALL-MOUNTED SHELVES AND STORAGE UNITS, MARKER BOARDS, BULLETIN BOARDS, TACK BOARDS, TELEVISIONS AND OTHER ACCESSORIES AND EQUIPMENT (SCHEDULE) SEE DWG 38/A200.
- F. FOR ALL CARPET TYPE CHANGES BETWEEN ROOMS, TRANSITION SHALL OCCUR AT CENTERLINE OF DOOR PANEL TYPICALLY - U.N.O.
- G. COORDINATE DIMENSIONS WITH ASTERISK (*) WITH EQUIPMENT VENDOR.
- H. PROVIDE BULLNOSE ON ALL CMU OUTSIDE CORNERS - TYPICAL.
- I. FOR INTERIOR METAL STUD CONSTRUCTION ALL DIMENSIONS ARE TO FACE OF GYPSUM UNLESS NOTED OTHERWISE.
- J. ALL DIMENSIONS INDICATED AS 'CLEAR' ARE TO FACE OF FINISH (GYPSUM, TILE, ETC.).
- K. ALL MASONRY DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
- L. ALL EXTERIOR OPENING DIMENSIONS ARE ROUGH OPENINGS.
- M. COORDINATE ALL FLOOR OPENING DIMENSIONS AND CLEARANCES FOR DUCTWORK WITH MECHANICAL CONTRACTOR - TYPICAL.
- N. COORDINATE AND/OR CONFIRM ANY DIMENSIONAL DISCREPANCIES WITH ARCHITECT PRIOR TO INSTALLATION.



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REVISION SCHEDULE

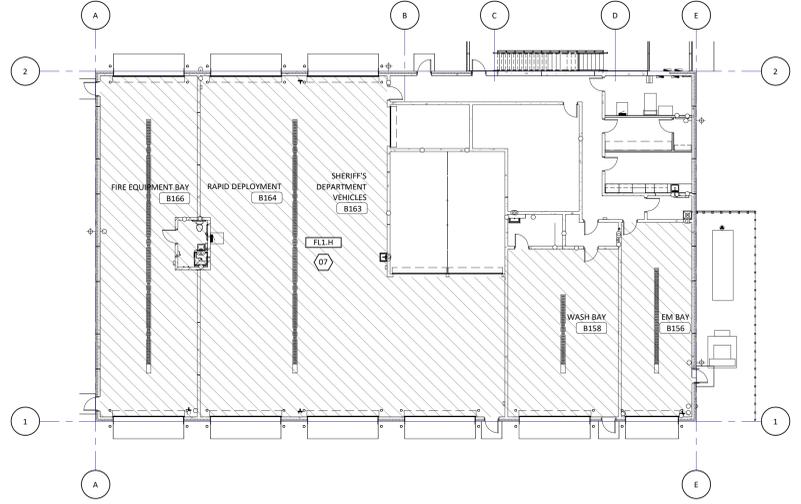
NO.	DESCRIPTION	DATE
1	ADDENDUM #1	11/04/25
2	ADDENDUM #2	11/13/25

SHEET SPEC ID LIST

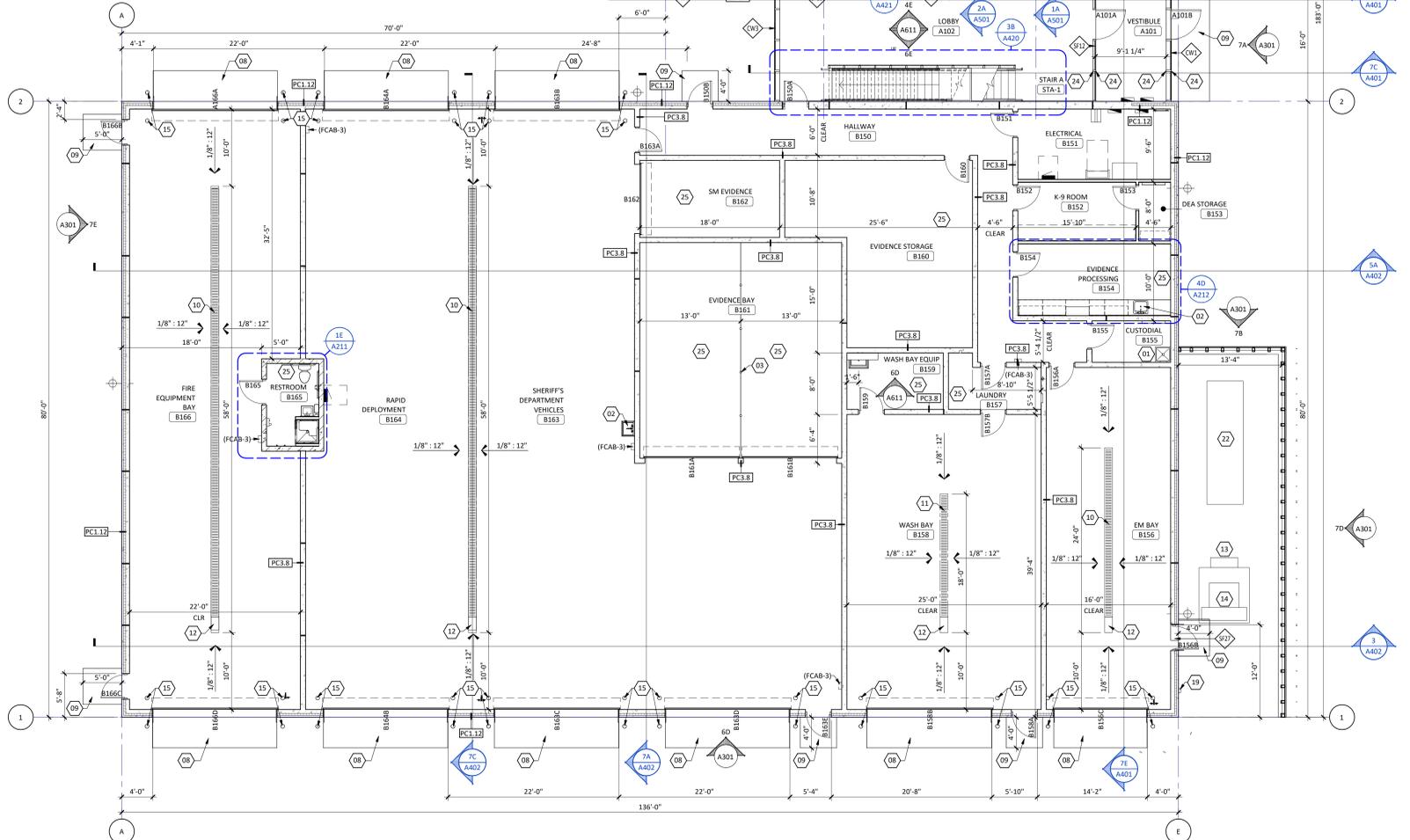
SPEC ID	SPEC SECTION & DESCRIPTION
FCAB-2	10 4400 - FIRE EXTINGUISHER CABINET - SEMI-RECESSED
FCAB-3	10 4400 - FIRE EXTINGUISHER CABINET - SURFACE MOUNTED

KEYNOTES - FLOOR PLAN

NO.	DESCRIPTION	REV.
01	MOP SINK, SEE MECH.	
02	EMERGENCY EYEWASH ON FAUCET, REFER TO MECHANICAL	
03	8' HIGH CHAIN LINK FENCE WITH CONCERTINA WIRE ON TOP TO DIVIDE EVIDENCE BAYS	
04	BALLISTIC RATING 3, WALLS AND CASEWORK.	
05	BALLISTIC RATING 4 DOORS AND GLASS.	
06	SHOOTING RANGE EQUIPMENT, SEE ALTERNATE 6.	
07	ALTERNATE 2; INSTALL FL1.H IN LIEU OF FL1; REFER TO MECHANICAL.	
08	CONCRETE APRON; SEE STRUCTURAL	
09	CONCRETE STOPS; SEE STRUCTURAL	
10	PREFORMED TRENCH DRAIN, SEE MECHANICAL.	
11	CAST-IN-PLACE TRENCH DRAIN, SEE STRUCTURAL.	
12	CATCH BASIN; SEE MECHANICAL.	
13	CT CABINET; SEE ELECTRICAL	
14	TRANSFORMER; SEE ELECTRICAL.	
15	(MET FAB-2) PROVIDE HDPE COVER, PER SPECIFICATION. SEE CIVIL FOR DIMENSIONED LOCATIONS IF NOT INDICATED ON ARCHITECTURAL, ADDITIONAL BOLLARD LOCATIONS AND INSTALLATION DETAIL.	
16	RECESSED FLOOR GRILLE; SEE MECHANICAL.	
17	FLOOR BOX, FINAL LOCATION TO BE VERIFIED WITH FURNITURE LAYOUT; SEE ELECTRICAL.	
18	DISPLAY SCREEN, VERIFY MOUNTING HEIGHT WITH ARCHITECT; SEE FEE PLANS AND ELECTRICAL.	
19	OVERFLOW ROOF DRAIN OUTLET, CENTER IN EXTERIOR WALL PANEL; SEE PLUMBING.	
20	BURIED FIRE SUPPRESSION TANK; SEE MECHANICAL.	
21	TOP SIDE OF VESTIBULE LID.	
22	GENERATOR; SEE ELECTRICAL.	
23	PROVIDE 2" FIRE TREATED WOOD SHEATHING (NO SHG-30F) AT ALL WALLS FROM 6" AFF TO 8'-6" AFF IN ELECTRICAL ROOM, PAINT GRAY.	
24	MULLION MOUNTED ADA DOOR ACTUATOR AND CARD READER, VERIFY LOCATION WITH ARCHITECT.	
25	FLOOR DRAIN, SEE MECH. PROVIDE ZERO FLOOR SLOPE TO DRAIN.	
26	VERIFY FRAMING DIMENSIONS WITH MANUFACTURER'S SHOWER SIZE, MUST BE ADA COMPLIANT.	
27	COUNTER MOUNT POP-UP STYLE POWER RECEPTACLE, SEE ELECTRICAL. VERIFY LOCATION WITH ARCHITECT.	
28	10' HIGH BY 3 1/2" THICK PRECAST VENEER WITH (PCFN-30) AS BASE BID 3 AND (PC FN-20) AS ALTERNATE 4.	



7D ALTERNATE 2 - FL1.H
SCALE: 1/16" = 1'-0"

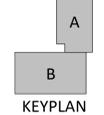


6A LEVEL 1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

DUNN COUNTY
PUBLIC SAFETY CENTER
MANNING, ND

DATE: 10/21/2025
PHASE: CONSTRUCTION DOCUMENTS
PROJECT: 24146.01

SHEET: **A201**
LEVEL 1 FLOOR PLAN



11/12/2025 2:09:28 PM

GENERAL NOTES - INTERIOR ELEVATIONS

- A. REFER TO A620 & A621 FOR STANDARD CASEWORK ELEVATIONS AND CONSTRUCTION.
- B. ALL WALL SURFACES TO BE (PT-1) UNLESS NOTED OTHERWISE.
- C. PROVIDE LEVEL 'S' DRYWALL FINISH AT ALL APPLIED GRAPHICS AND WRITABLE WALL SURFACE LOCATIONS.
- D. PROVIDE WALL REINFORCEMENT AT ALL WALL MOUNTED ITEMS.
- E. ANY EXPOSED CABINET EDGE SHALL BE FINISHED EDGE TO MATCH ADJACENT CABINET FINISH.
- F. PAINT ALL EXPOSED (VISIBLE) DUCTWORK ABOVE THE CEILING LINE OF CLOUDS (PT-#).
- G. SEE SHEET G120 FOR ALL TOILET RIM HEIGHTS AND ACCESSORY MOUNTING HEIGHTS.

SHEET SPEC ID LIST

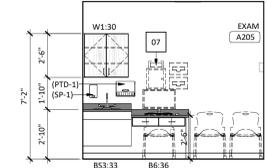
SPEC ID	SPEC SECTION & DESCRIPTION
GB-18	10 2800 - GRAB BAR; 18 INCHES
GB-36	10 2800 - GRAB BAR; 36 INCHES
GB-42	10 2800 - GRAB BAR; 42 INCHES
HAND DRY-1	10 2800 - ELECTRIC HAND DRYER
MBR-30	10 2800 - MIRROR; ANGLE FRAMED
MT-1	09 3000 - TILE TRIM
PTD-1	10 2800 - PAPER TOWEL DISPENSER; C-FOLD
SP-1	10 2800 - SOAP DISPENSER; WALL MOUNT
T-2	09 3000 - TILE
TR-1	10 2800 - TOILET PAPER DISPENSER; SINGLE ROLL

KEYNOTES - FLOOR PLAN

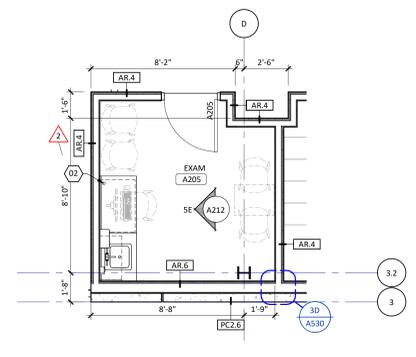
NO.	NOTE	REV.
01	MOP SINK, SEE MECH.	
02	EMERGENCY EYEWASH ON FAUCET, REFER TO MECHANICAL.	
03	8" HIGH CHAIN LINK FENCE WITH CONCERTINA WIRE ON TOP TO DIVIDE EVIDENCE BAYS.	
04	BALLISTIC RATING 8, WALLS AND CASEWORK.	
05	BALLISTIC RATING 4 DOORS AND GLASS.	
06	SHOOTING RANGE EQUIPMENT, SEE ALTERNATE 6.	
07	ALTERNATE 2: INSTALL F.L.H. IN LIEU OF F.L1; REFER TO MECHANICAL.	
08	CONCRETE APRON; SEE STRUCTURAL.	
09	CONCRETE STOOP; SEE STRUCTURAL.	
10	PREFORMED TRENCH DRAIN, SEE MECHANICAL.	
11	CAST-IN-PLACE TRENCH DRAIN, SEE STRUCTURAL.	
12	CATCH BASIN; SEE MECHANICAL.	
13	CT CABINET; SEE ELECTRICAL.	
14	TRANSFORMER; SEE ELECTRICAL.	
15	(MET FAB-2) PROVIDE HOPE COVER, PER SPECIFICATION. SEE CIVIL FOR DIMENSIONED LOCATIONS IF NOT INDICATED ON ARCHITECTURAL. ADDITIONAL BOLLARD LOCATIONS AND INSTALLATION DETAIL.	
16	RECESSED FLOOR GRILLE; SEE MECHANICAL.	
17	FLOOR BOX, FINAL LOCATION TO BE VERIFIED WITH FURNITURE LAYOUT; SEE ELECTRICAL.	
18	DISPLAY SCREEN, VERIFY MOUNTING HEIGHT WITH ARCHITECT; SEE FFE PLANS AND ELECTRICAL.	
19	OVERFLOW ROOF DRAIN OUTLET, CENTER IN EXTERIOR WALL PANEL; SEE PLUMBING.	
20	BURIED FIRE SUPPRESSION TANK, SEE MECHANICAL.	
21	TOP SIDE OF VESTIBULE LID.	
22	GENERATOR, SEE ELECTRICAL.	
23	PROVIDE 1/2" FIRE TREATED WOOD SHEATHING (WD SHTG-30F) AT ALL WALLS FROM 6" AFF TO 8'-6" AFF IN STRUCTURAL ROOM, PAINT GRAY.	
24	MULLION MOUNTED ADA DOOR ACTUATOR AND CARD READER, VERIFY LOCATION WITH ARCHITECT.	
25	FLOOR DRAIN, SEE MECH. PROVIDE ZERO FLOOR SLOPE TO DRAIN.	
26	VERIFY FRAMING DIMENSIONS WITH MANUFACTURER'S SHOWER SIZE. MUST BE ADA COMPLIANT.	
27	COUNTER MOUNT POP-UP STYLE POWER RECEPTACLE, SEE ELECTRICAL. VERIFY LOCATION WITH ARCHITECT.	
28	10" HIGH BY 3 1/2" THICK PRECAST VENEER WITH (PCFN-30) AS BASE BID AND (PC-FIN-20) AS ALTERNATE 4.	

KEYNOTES - INTERIOR ELEV.

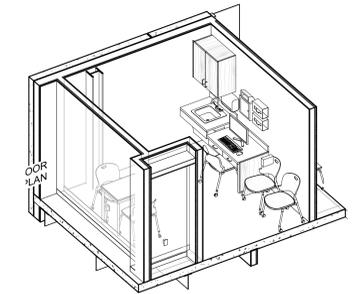
NO.	NOTE	REV.
01	BALLISTIC RATING 4 WITH ONE WAY FILM.	
02	PROVIDE GROMMET IN COUNTER, VERIFY LOCATION WITH OWNER.	



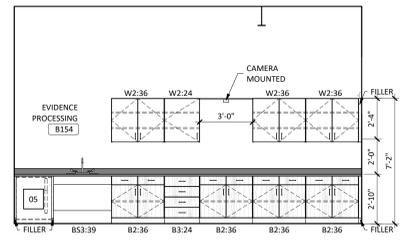
5E EXAM ROOM A205 - WEST
SCALE: 1/4" = 1'-0"



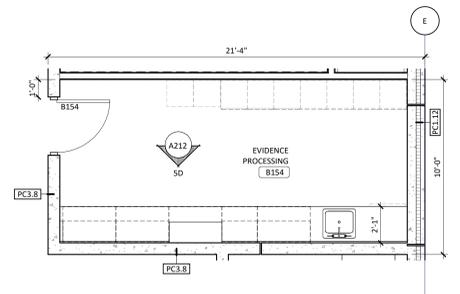
4E EXAM ROOM A205 - ENLARGED PLAN
SCALE: 1/4" = 1'-0"



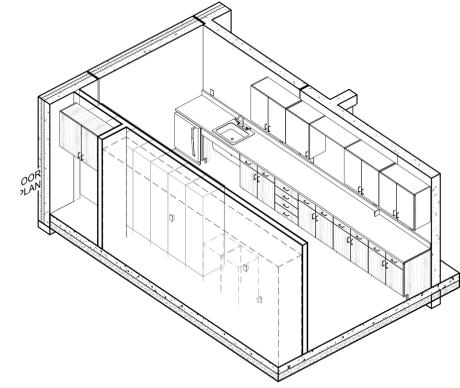
2E EXAM ROOM A205 - AXON
SCALE: 1/4" = 1'-0"



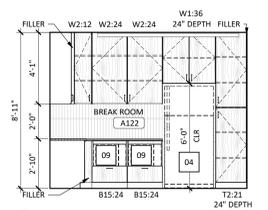
5D EVIDENCE PROCESSING B154 - SOUTH
SCALE: 1/4" = 1'-0"



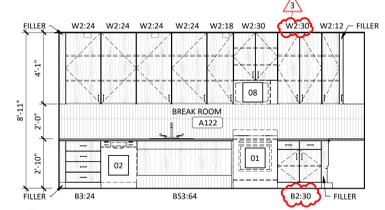
4D EVIDENCE PROCESSING B154 - ENLARGED PLAN
SCALE: 1/4" = 1'-0"



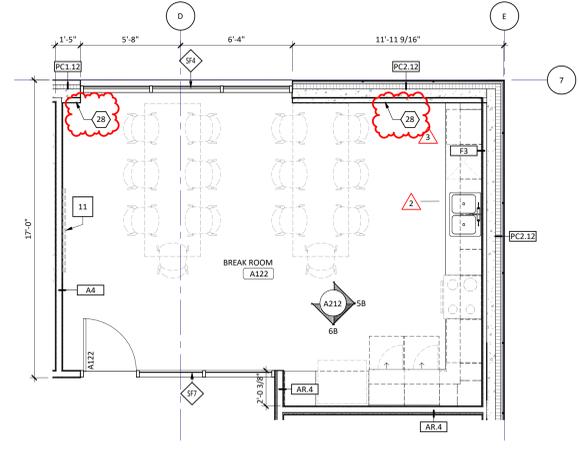
2D EVIDENCE PROCESSING B154 - AXON
SCALE: 1/4" = 1'-0"



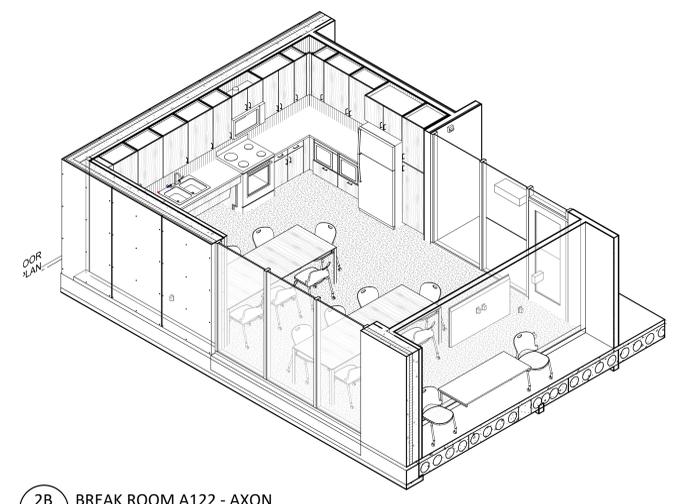
6B BREAK ROOM A122 - SOUTH
SCALE: 1/4" = 1'-0"



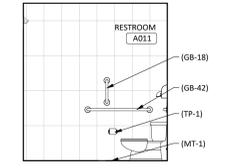
5B BREAK ROOM A122 - EAST
SCALE: 1/4" = 1'-0"



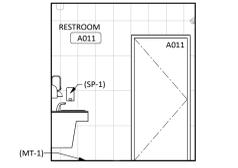
4B BREAK ROOM A122 - ENLARGED PLAN
SCALE: 1/4" = 1'-0"



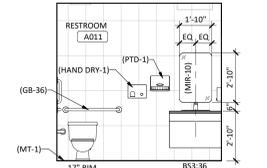
2B BREAK ROOM A122 - AXON
SCALE: 1/4" = 1'-0"



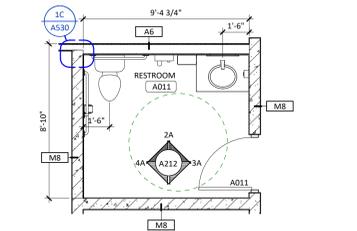
4A RR A011 - WEST
SCALE: 1/4" = 1'-0"



3A RR A011 - EAST
SCALE: 1/4" = 1'-0"



2A RR A011 - NORTH
SCALE: 1/4" = 1'-0"



1A RESTROOM A011 - ENLARGED PLAN
SCALE: 1/4" = 1'-0"

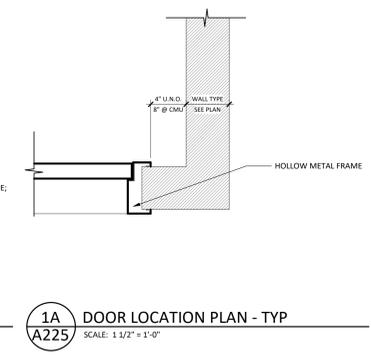
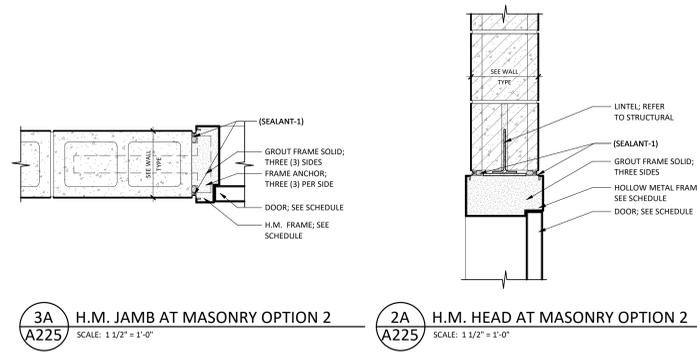
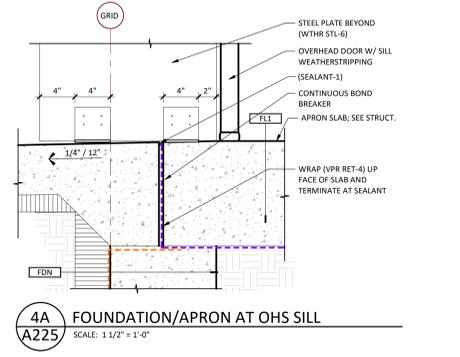
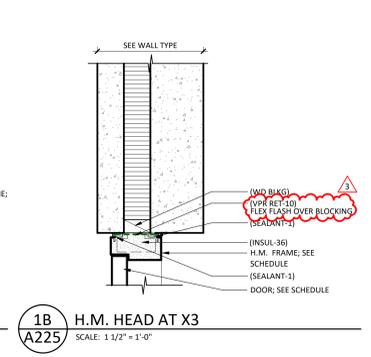
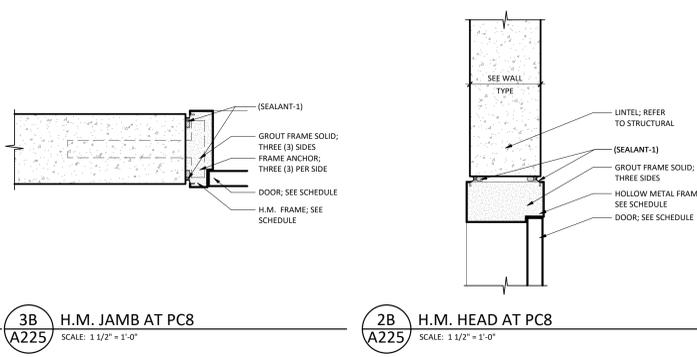
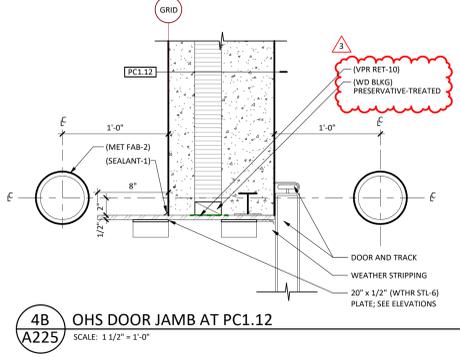
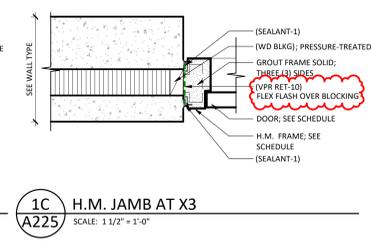
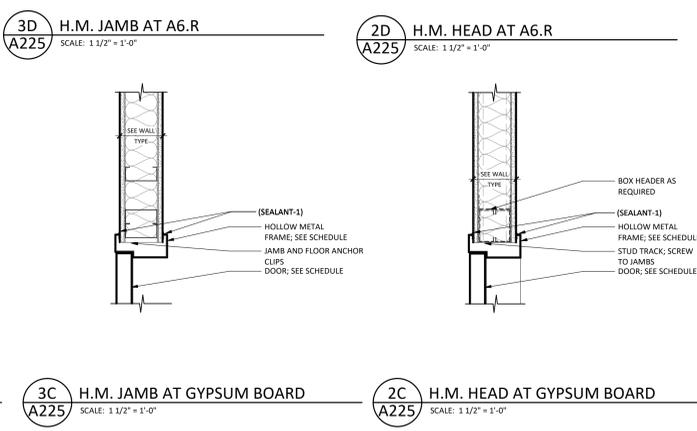
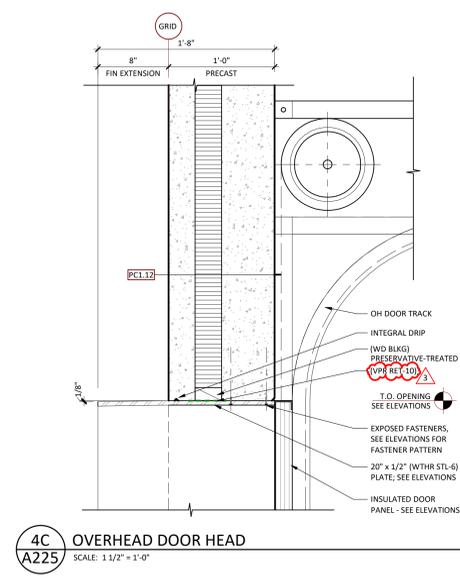
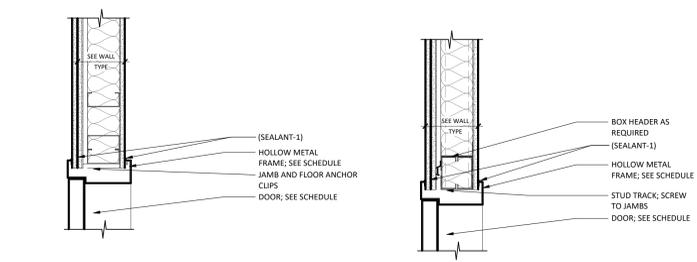
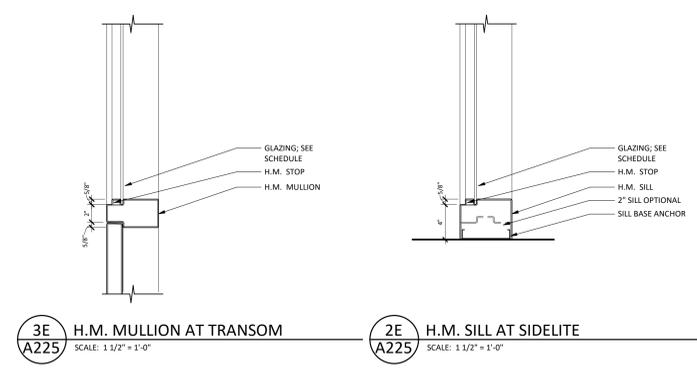
SHEET SPEC ID LIST	
SPEC ID	SPEC SECTION & DESCRIPTION
INSUL-36	07 2119 - CLOSED CELL SPRAY FOAM INSULATION
MET-FAB-2	05 5000 - STEEL PIPE ISOLATOR WITH HOPE COVER
SEALANT-1	07 9200 - JOINT SEALANT OR CAULKING WITH OR WITHOUT BACKER ROD
VPR-RET-10	07 2600 - SELF-ADHERED OR FLUID APPLIED VAPOR RETARDER
WD-BLGK	06 1000 - WOOD BLOCKING
WTHR-STL-6	05 5000 - WEATHERING STEEL PLATE ASSEMBLY



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REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	ADDENDUM #3	11/13/25



A
B
C
D
E

7 6 5 4 3 2 1

11/13/2025 2:10:28 PM

DUNN COUNTY
PUBLIC SAFETY CENTER
MANNING, ND

DATE
10/21/2025

PHASE
CONSTRUCTION DOCUMENTS

PROJECT
24146.01

SHEET
A225

DOOR DETAILS

GENERAL NOTES - EXTERIOR ELEVATIONS

A. REFER TO GLAZING ELEVATIONS FOR STOREFRONT AND CURTAINWALL ELEVATIONS

SHEET SPEC ID LIST

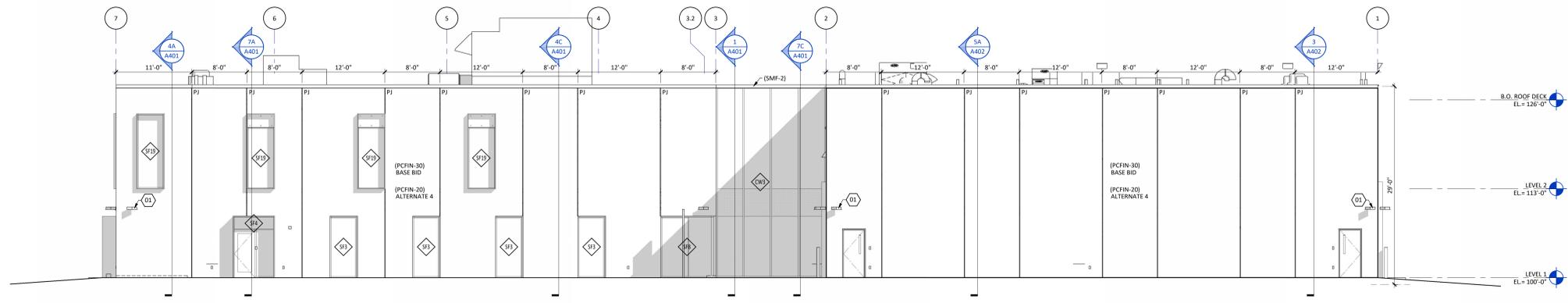
SPEC ID	SPEC SECTION & DESCRIPTION
PCFIN-20	03 4500 - FORMLINER FINISH
PCFIN-30	03 4500 - SANDBLAST FINISH
SMF-2	07 6200 - WEATHERING STEEL
WTHR STL-1	07 4213 - WEATHERING STEEL WALL PANEL

KEYNOTES - EXTERIOR ELEV.

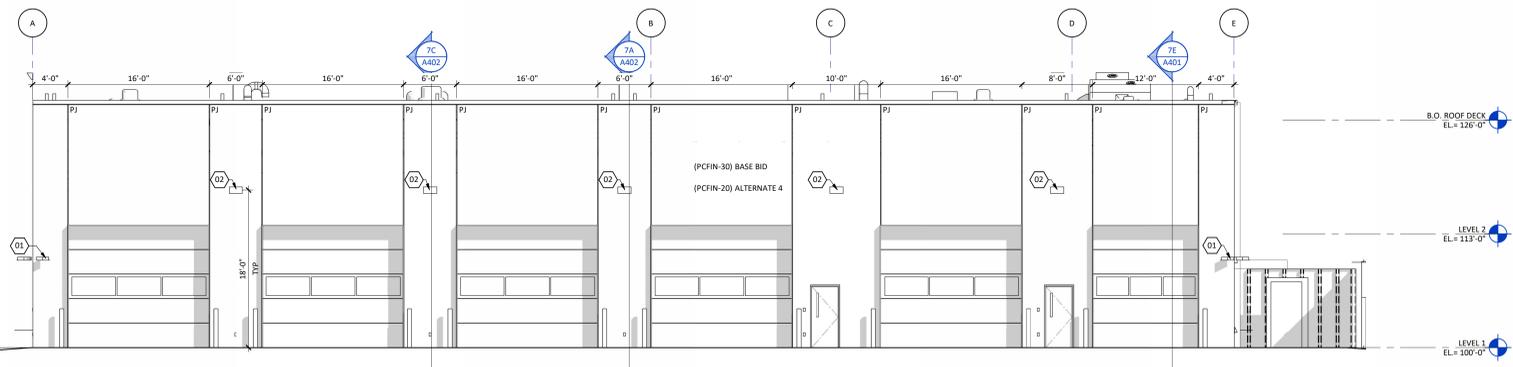
NO.	NOTE	REV.
01	SECURITY CAMERA TO BE MOUNTED 10'-0" A.F.F., VERIFY LOCATION WITH ARCHITECT; SEE ELECTRICAL.	
02	LIGHT FIXTURE TO BE MOUNTED 18'-0" A.F.F. AND CENTERED IN PANEL, VERIFY LOCATION WITH ARCHITECT; SEE ELECTRICAL.	
03	HOSE BIB AND POWER RECEPTACLE TO BE CENTERED IN PANEL, VERIFY LOCATION WITH ARCHITECT; VERIFY HEIGHT WITH MECHANICAL AND ELECTRICAL.	

REVISION SCHEDULE

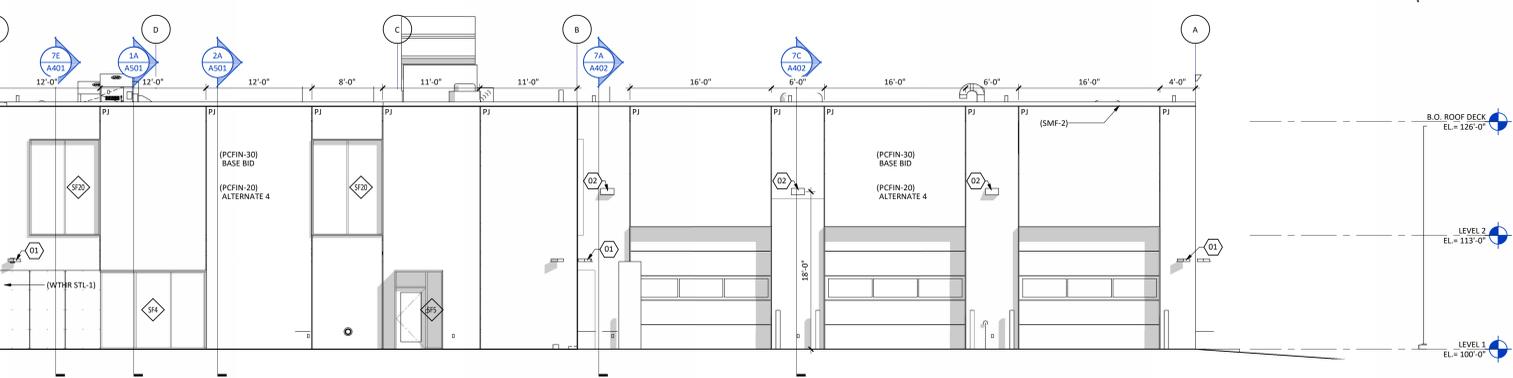
NO.	DESCRIPTION	DATE
1	ADDENDUM #3	11/13/25



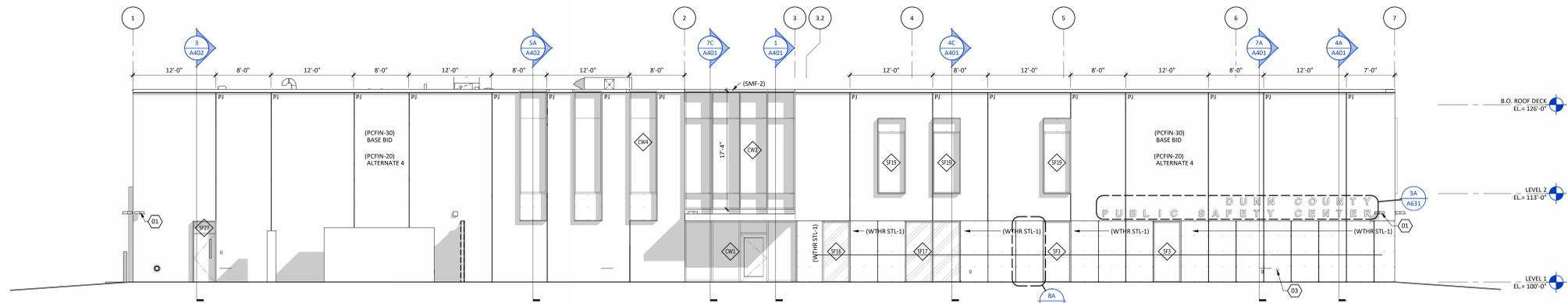
7E WEST ELEVATION
A301 SCALE: 1/8" = 1'-0"



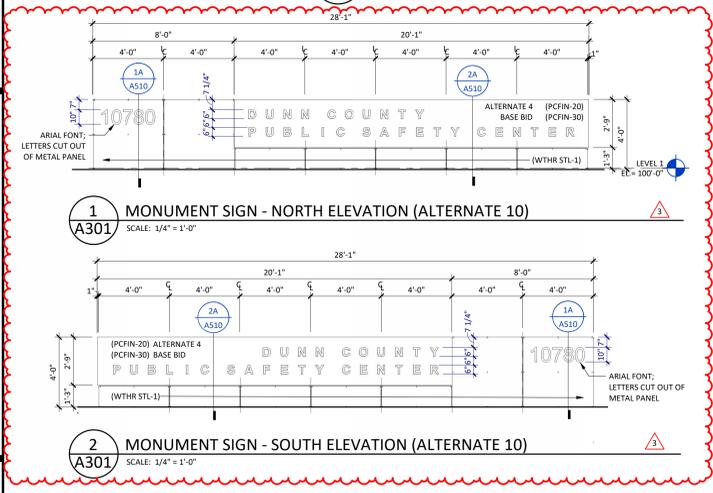
6D SOUTH ELEVATION
A301 SCALE: 1/8" = 1'-0"



6B NORTH ELEVATION
A301 SCALE: 1/8" = 1'-0"

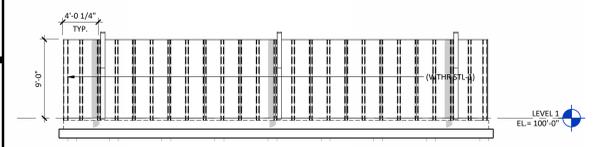


7A EAST ELEVATION
A301 SCALE: 1/8" = 1'-0"

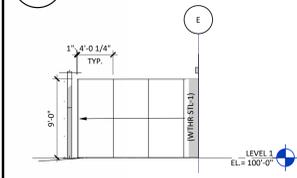


1 MONUMENT SIGN - NORTH ELEVATION (ALTERNATE 10)
A301 SCALE: 1/4" = 1'-0"

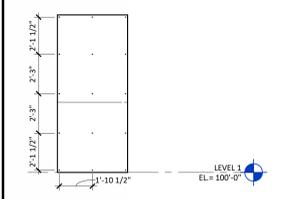
2 MONUMENT SIGN - SOUTH ELEVATION (ALTERNATE 10)
A301 SCALE: 1/4" = 1'-0"



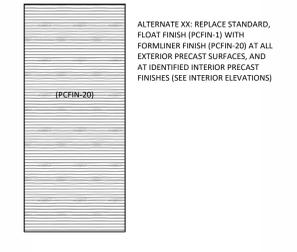
7D ENCLOSURE FENCE - EAST ELEVATION
A301 SCALE: 1/8" = 1'-0"



7B ENCLOSURE FENCE - NORTH ELEVATION
A301 SCALE: 1/8" = 1'-0"



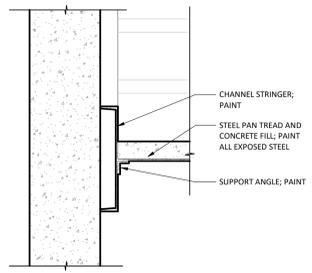
8A TYPICAL WEATHERED STEEL FASTENING ELEVATION
A301 SCALE: 1/4" = 1'-0"



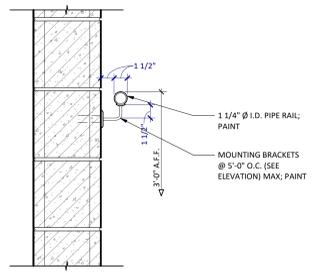
1A ALTERNATE XX - (PCFIN-20)
A301 SCALE: 1/8" = 1'-0"

ALTERNATE XX: REPLACE STANDARD, FLOAT FINISH (PCFIN-1) WITH FORMLINER FINISH (PCFIN-20) AT ALL EXTERIOR PRECAST SURFACES, AND AT IDENTIFIED INTERIOR PRECAST FINISHES (SEE INTERIOR ELEVATIONS)

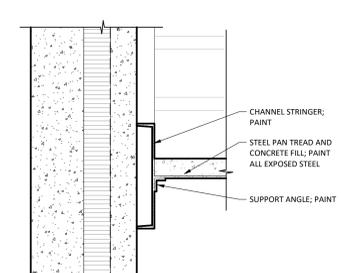
REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	ADDENDUM #3	11/13/25



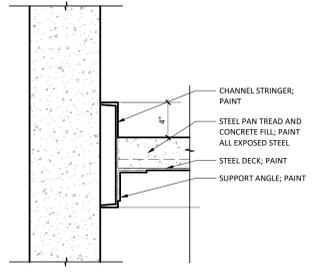
3E TREAD AT PC PNL-2
A422 SCALE: 1 1/2" = 1'-0"



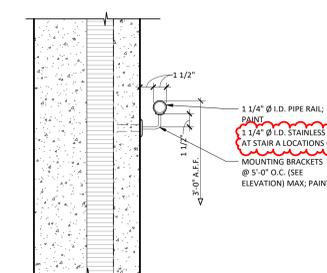
2E WALL MOUNTED RAIL AT CMU
A422 SCALE: 1 1/2" = 1'-0"



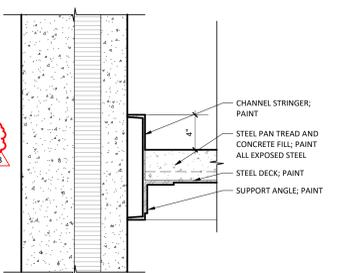
1E TREAD AT PRECAST WALL
A422 SCALE: 1 1/2" = 1'-0"



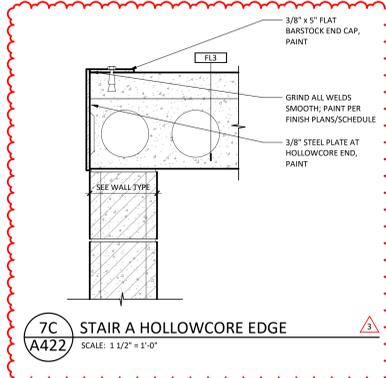
3D PC PNL-2 STAIR LANDING
A422 SCALE: 1 1/2" = 1'-0"



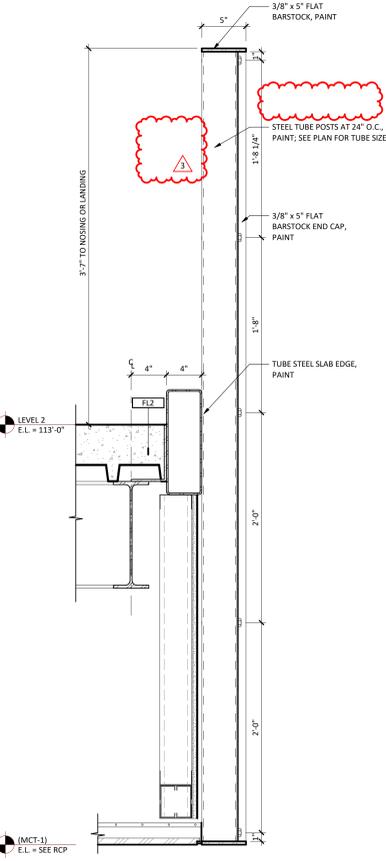
2D WALL MOUNTED RAIL AT PRECAST
A422 SCALE: 1 1/2" = 1'-0"



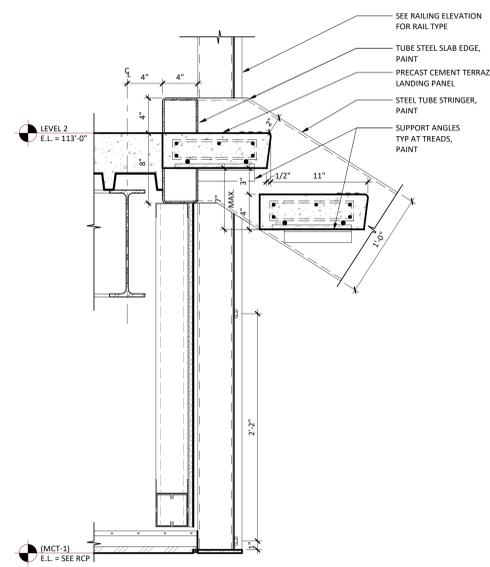
1D PRECAST STAIR LANDING B
A422 SCALE: 1 1/2" = 1'-0"



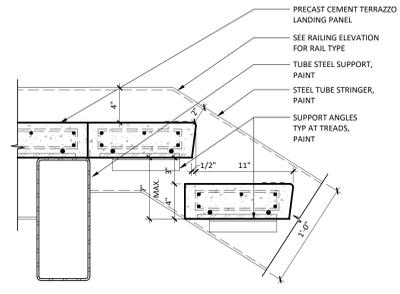
7C STAIR A HOLLOWCORE EDGE
A422 SCALE: 1 1/2" = 1'-0"



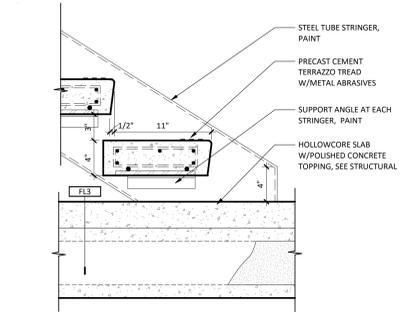
6B RAIL DETAIL - PERFORATED METAL AT BRIDGE
A422 SCALE: 1 1/2" = 1'-0"



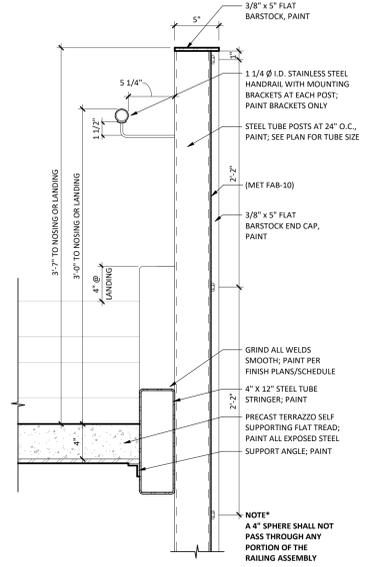
5B TOP OF STAIRS - TERRAZZO TREAD
A422 SCALE: 1 1/2" = 1'-0"



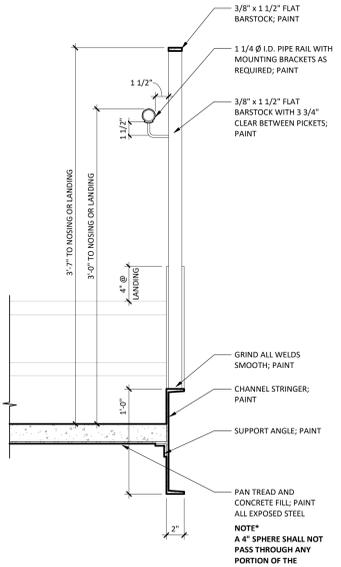
4C STAIR LANDING - TERRAZZO
A422 SCALE: 1 1/2" = 1'-0"



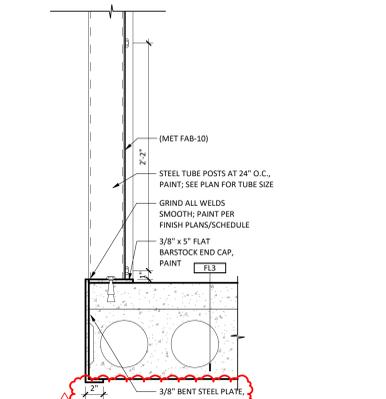
4B BOTTOM OF STAIRS - TERRAZZO
A422 SCALE: 1 1/2" = 1'-0"



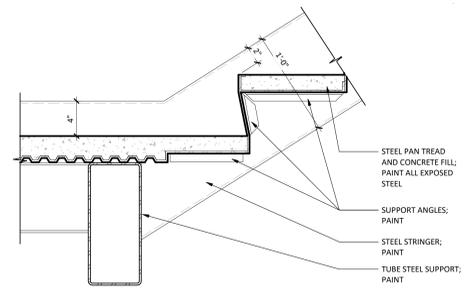
3B RAIL DETAIL - PERFORATED METAL
A422 SCALE: 1 1/2" = 1'-0"



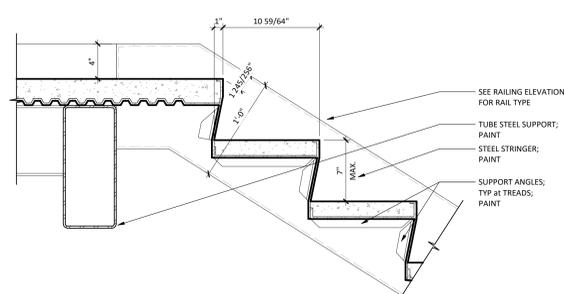
1B RAIL DETAIL - PICKET
A422 SCALE: 1 1/2" = 1'-0"



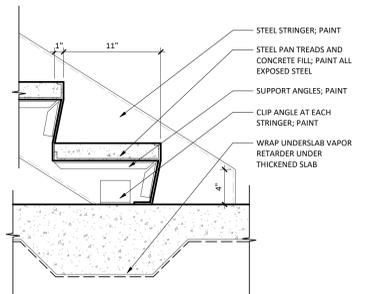
7B BASE
A422 SCALE: 1 1/2" = 1'-0"



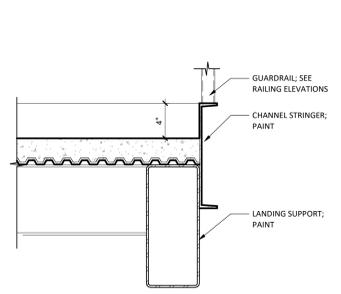
5A STAIR LANDING C
A422 SCALE: 1 1/2" = 1'-0"



4A STAIR LANDING D
A422 SCALE: 1 1/2" = 1'-0"



2A BOTTOM OF STAIRS
A422 SCALE: 1 1/2" = 1'-0"



1A GUARDRAIL AT LANDING
A422 SCALE: 1 1/2" = 1'-0"

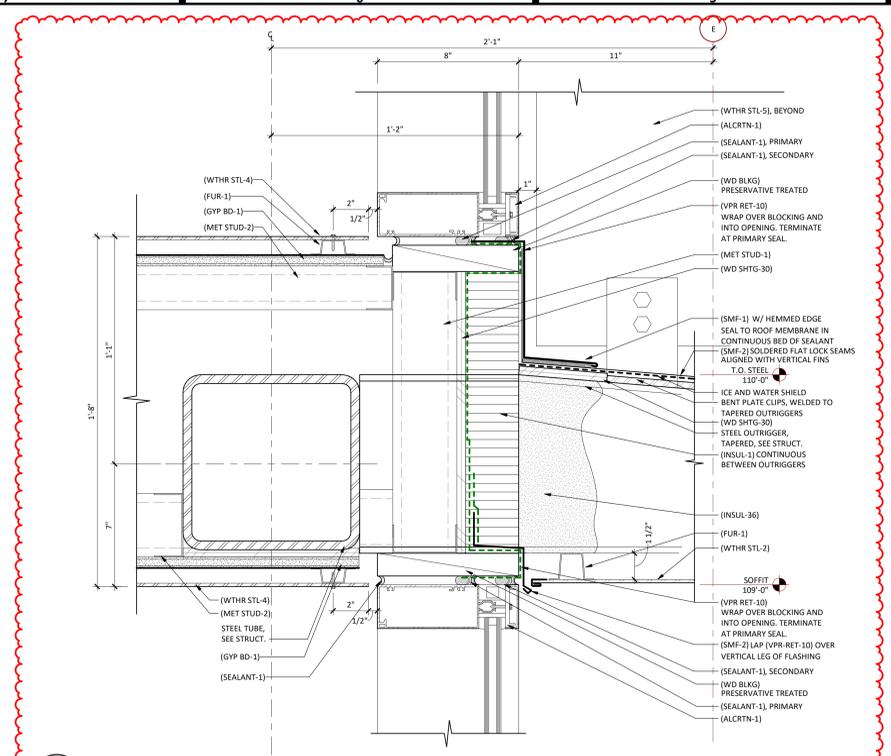
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SHEET SPEC ID LIST

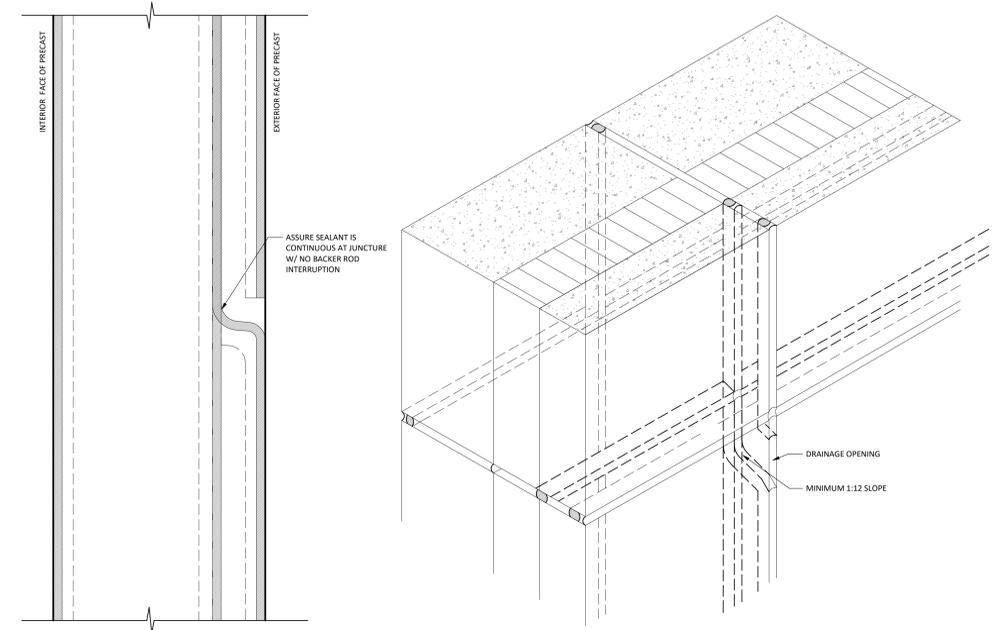
SPEC ID	SPEC SECTION & DESCRIPTION
ALCRTN-1	08 4313 - ALUMINUM CURTAIN WALL
FUR-1	09 2116 - 7/8" DEEP HAT CHANNEL FURRING
GYP BD-1	09 2116 - 5/8" TYPE X GYPSUM BOARD
INSUL-1	07 2100 - XPS EXTRUDED POLYSTYRENE INSULATION
INSUL-36	07 2119 - CLOSED CELL SPRAY FOAM INSULATION
MET STUD-1	05 4000 - STRUCTURAL STEEL STUDS
MET STUD-2	09 2116 - NON-LOADBEARING METAL STUDS, 20 GA.
PC PNL-1	03 4500 - ARCHITECTURAL PRECAST WALL PANELS WITH INTEGRAL INSULATION
SEALANT-1	07 9200 - JOINT SEALANT OR CAULKING WITH OR WITHOUT BACKER ROD
SMP-1	07 6200 - PREFINISHED ALUMINUM
SMP-2	07 6300 - WEATHERING STEEL
VPR RET-4	03 3000 - 35 MIL UNDERSLAB VAPOR RETARDER
VPR RET-10	07 2600 - SELF-ADHERED OR FLUID APPLIED VAPOR RETARDER
WD BLKG	06 1000 - WOOD BLOCKING
WD SHTG-30	06 1000 - 1/2" SHEATHING
WTHR STL-1	07 4213 - WEATHERING STEEL WALL PANEL
WTHR STL-2	07 4213 - WEATHERING STEEL SOFFIT PANEL
WTHR STL-4	07 4213 - INTERIOR WEATHERING STEEL PANEL
WTHR STL-5	05 5000 - WEATHERING STEEL PLATE ASSEMBLY
WTR PRF-1	07 1300 - SELF-ADHERED SHEET WATERPROOFING

MEMBRANE LINETYPE LEGEND

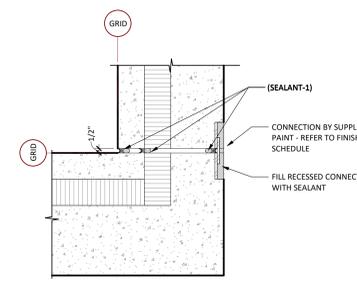
- UNDERSLAB VAPOR RETARDER (VPR RET-4)
- VAPOR BARRIER - WALL (VPR RET-10)
- VAPOR BARRIER - ROOF (VPR RET-5)
- WATERPROOFING (WTR PRF-1)



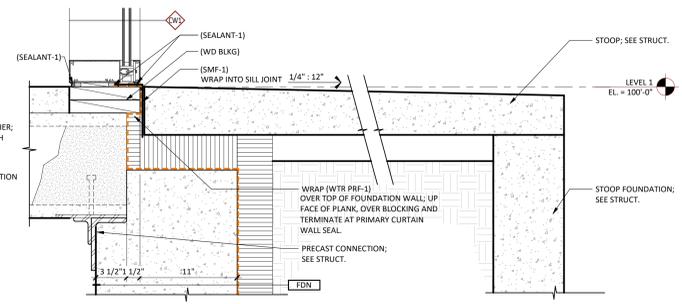
7D
A510 ENTRY CANOPY AT CURTAIN WALL
SCALE: 3" = 1'-0"



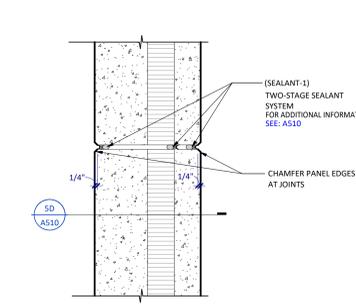
5D
A510 PIP - TWO STAGE SEALANT DIAGRAM
SCALE: 3" = 1'-0"



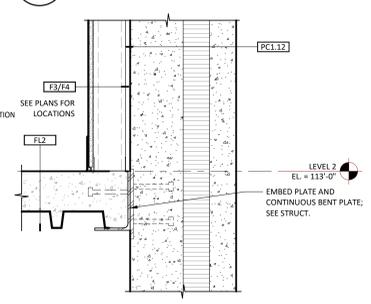
7B
A510 PIP - INSIDE CORNER
SCALE: 1 1/2" = 1'-0"



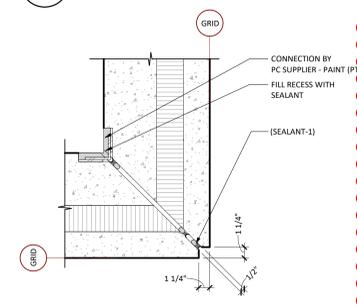
6B
A510 FOUNDATION AT VESTIBULE
SCALE: 1 1/2" = 1'-0"



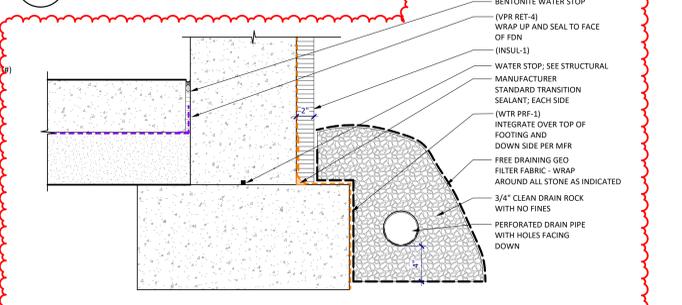
4B
A510 PC1 - TYPICAL JOINT
SCALE: 1 1/2" = 1'-0"



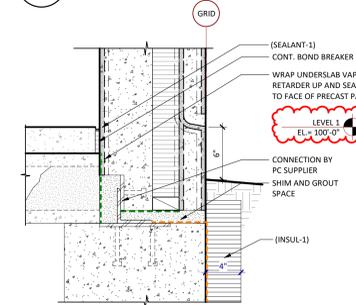
3B
A510 FL2 FLOOR EDGE AT PC1
SCALE: 1 1/2" = 1'-0"



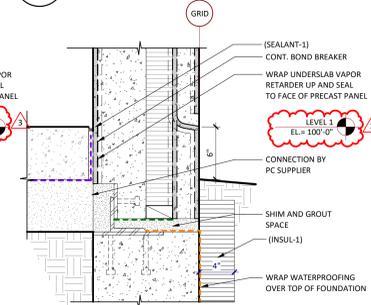
7A
A510 PIP - OUTSIDE CORNER
SCALE: 1 1/2" = 1'-0"



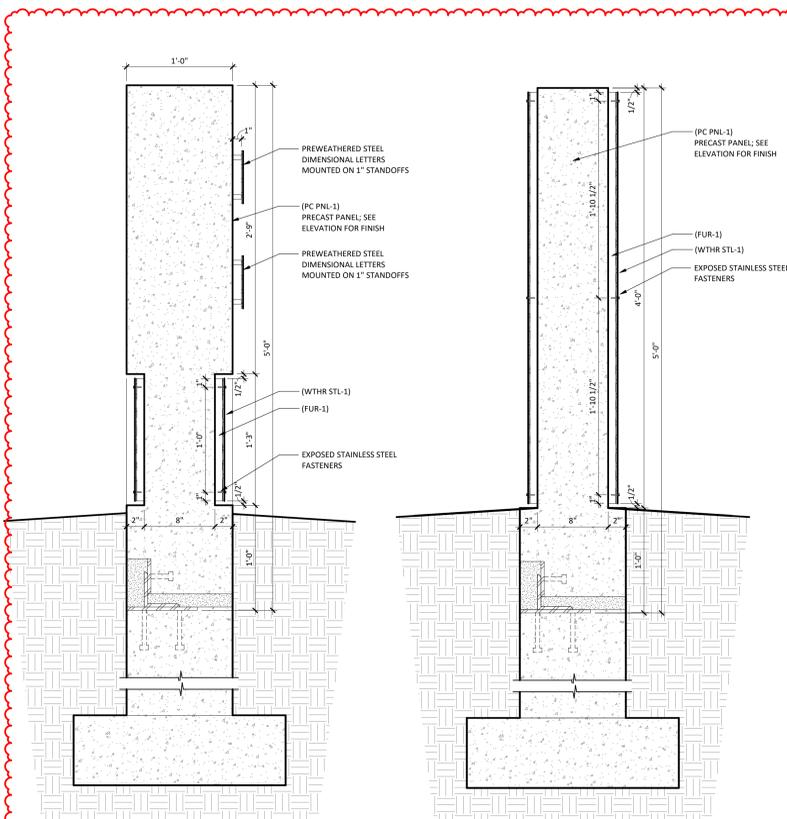
6A
A510 FDN - BASEMENT WITH VAPOR RETARDER
SCALE: 1 1/2" = 1'-0"



4A
A510 FOUNDATION AT PC2.12 (BASEMENT)
SCALE: 1 1/2" = 1'-0"



3A
A510 PIP - FOUNDATION S.O.G.
SCALE: 1 1/2" = 1'-0"



2A
A510 MONUMENT SIGN SECTION A
SCALE: 1 1/2" = 1'-0" ALTERNATE 10

1A
A510 MONUMENT SIGN SECTION B
SCALE: 1 1/2" = 1'-0" ALTERNATE 10

ROOM FINISH SCHEDULE - BASEMENT										
NUMBER	ROOM NAME	BASE	FLOOR	WALLS				CASEWORK	COUNTERS	REMARKS
				NORTH	EAST	SOUTH	WEST			
A001	SECURE ENTRY	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A002	HALLWAY	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A003	UNIFORM STORAGE	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A004	RANGE MASTER	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	SSM-1	---
A005	AIR LOCK	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A006	SHOOTING LANES	RB-1	CSR-1	---	---	---	---	---	---	---
A007	BULLET TRAP	RB-1	CSR-1	---	---	---	---	---	---	---
A008	HALLWAY	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A009	GUN CLEANING	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A010	ARMORY	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A011	RESTROOM	T-1	T-1	T-1*	PT-1	PT-1	PT-1	PLAM-2	SSM-1	*TILE TO BE FULL HEIGHT AFF
A012	STORAGE	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A013	HALLWAY	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A014	MECHANICAL	RB-1	CSR-1	---	---	FRP-1*	FRP-1*	---	---	*FRP TO BE 4" AFF
A015	MECHANICAL	RB-1	CSR-1	PT-1*	PT-1*	PT-1*	PT-1*	---	---	*PT-1 TO BE PROVIDED ON GYPSUM WALLS ONLY
A015A	FIRE PUMP	RB-1	CSR-1	PT-1*	PT-1*	PT-1*	PT-1*	---	---	*PT-1 TO BE PROVIDED ON GYPSUM WALLS ONLY
EL-0	ELEVATOR	---	CPT-3	SEE SPEC	SEE SPEC	SEE SPEC	SEE SPEC	---	---	---
STA-0	STAIR A	RB-1	CSR-1	---	---	---	---	---	---	---
STB-0	STAIR B	RB-1	CSR-1	---	---	---	---	---	---	---

ROOM FINISH SCHEDULE - LEVEL 1										
NUMBER	ROOM NAME	BASE	FLOOR	WALLS				CASEWORK	COUNTERS	REMARKS
				NORTH	EAST	SOUTH	WEST			
A101	VESTIBULE	RB-1	CPT-3	PT-1	PT-1	PT-1	PT-1	---	---	---
A102	LOBBY	MB-1	PCNC-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	---	---	---
A103	CONFERENCE ROOM	RB-2	CPT-2	PT-2/PT-6*	PT-2/PT-6*	PT-2/PT-6*	EXTERIOR WALL	PLAM-1	SSM-2	*REFER TO ELEVATIONS FOR PAINT EXTENTS
A104	LOBBY	RB-2	CPT-2	PT-1	PT-1	PT-1	PT-1	PLAM-1	SSM-2	---
A105	ADMIN	RB-2	CPT-1	PT-1	PT-1	PT-1	PT-1	PLAM-1	SSM-2	---
A106	HALLWAY	RB-2	PCNC-1/CPT-2	PT-1/WP-1*	PT-1/WP-1*	PT-1/WP-1*	PT-1/WP-1*	---	---	*4" 0" INSTALLED AFF
A107	PATROL WORKSTATIONS	RB-2	SPCNC-1*	PT-1	PT-1	PT-1	PT-1	PLAM-1	SSM-1	*REFER TO PLANS FOR EXTENTS
A108	DETECTIVE OFFICE	RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A109	SARGENT SHARED OFFICE	RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A110	TRUCK REG	RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A111	WORK ROOM	RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A112	DT PROCESSING	RB-1	PCNC-1	PT-1/WP-1*	PT-1	PT-1/WP-1*	PT-1/WP-1*	PLAM-1	SSM-1	*4" 0" INSTALLED AFF
A113	CUSTODIAL	RB-1	PCNC-1	PT-1	PT-1/FRP-1*	PT-1/FRP-1*	PT-1	---	---	*FRP TO BE 4" AFF
A114	DRUG TESTING	---	T-1	T-1*	T-1*	T-1*	T-1*	---	---	*TILE TO BE FULL HEIGHT AFF
A115	INTOX	RB-2	PCNC-1	PT-1/WP-1*	PT-1/WP-1*	PT-1/WP-1*	PT-1/WP-1*	PLAM-1	SSM-1	*4" 0" INSTALLED AFF
A116	RESTROOM	---	T-1	T-1*	T-1*	T-1*	T-1*	PLAM-2	SSM-1	*TILE TO BE FULL HEIGHT AFF
A117	RESTROOM	---	T-1	T-1*	T-1*	T-1*	T-1*	PLAM-2	SSM-1	*TILE TO BE FULL HEIGHT AFF
A118	EQUIP STORAGE	RB-1	PCNC-1	PT-1	PT-1	PT-1	PT-1	---	---	*TILE TO BE FULL HEIGHT AFF
A119	NCIC / RECORD STORAGE	RB-1	PCNC-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A120	SHERIFF OFFICE	RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A121	CHIEF DEPUTY OFFICE	RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A122	BREAK ROOM	RB-1	LSP-1	PT-1/T-2*	PT-1/T-2*	PT-1/T-2*	PT-1/T-2*	PLAM-1	SSM-2	*REFER TO PLANS AND ELEVATIONS FOR TILE EXTENTS
A123	INTERVIEW	RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	---
A124	JUVENILE INTERVIEW	RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	---
B150	HALLWAY	RB-1	CSR-1	PT-1	PT-1	PT-1	PT-1	---	---	---
B151	ELECTRICAL	---	CSR-1	---	---	---	---	---	---	---
B152	K-9 ROOM	RB-1	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	---	---	---
B153	DEA STORAGE	RB-1	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	---	---	---
B154	EVIDENCE PROCESSING	RB-1	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	PLAM-1	STL CTOP-1	---
B155	CUSTODIAL	RB-1	CSR-1	PT-1	PT-1/FRP-1	PT-1/FRP-1	PT-1	---	---	---
B156	EM BAY	---	CSR-1	---	---	---	---	---	---	---
B157	LAUNDRY	---	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	---	---	---
B158	WASH BAY	---	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	---	---	---
B159	WASH BAY EQUIP	---	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	---	---	---
B160	EVIDENCE STORAGE	---	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	---	---	---
B161	EVIDENCE BAY	---	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	---	---	---
B162	SM EVIDENCE	---	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	---	---	---
B163	SHERIFF'S DEPARTMENT VEHICLES	---	CSR-1	---	---	---	---	---	---	---
B164	RAPID DEPLOYMENT	---	CSR-1	---	---	---	---	---	---	---
B165	RESTROOM	T-1	CSR-1	HPC-1	HPC-1	HPC-1	HPC-1	---	---	---
B166	FIRE EQUIPMENT BAY	---	CSR-1	---	---	---	---	---	---	---
EL-1	ELEVATOR	---	CPT-3	SEE SPEC	SEE SPEC	SEE SPEC	SEE SPEC	---	---	---
STA-1	STAIR A	MB-1	SEE SPEC	---	---	---	---	---	---	---
STB-1	STAIR B	RB-1	CSR-1	---	---	---	---	---	---	---

KEYNOTES - FINISH PLAN	
NO	NOTE
01	MT-1 SHADES AT WINDOW
02	PAINT COLUMNS (PT-3)
03	MT-2 SHADES AT WINDOW
04	ALL SHOOTING RANGE FINISHES ARE A PART OF ALTERNATE 6.
05	SHOOTING RANGE FLOOR STRIPING PER ALTERNATE 06.

- GENERAL NOTES - FINISH PLAN**
- PAINT ALL EXPOSED CMU AND GYPSUM BOARD UNLESS NOTED OTHERWISE.
 - PROVIDE LEVEL 5 DRYWALL FINISH AT ALL APPLIED WALL GRAPHICS LOCATIONS.
 - PAINT HORIZONTAL AND VERTICAL FACES OF ALL SOFFITS AND BULKHEADS.
 - PROVIDE APPROPRIATE FLOORING TRANSITION TYPE CENTER UNDER DOOR UNLESS NOTED OTHERWISE AT DOOR LOCATIONS.
 - REFERENCE SPECIFICATIONS FOR MATERIALS LISTED IN FINISH SCHEDULE.

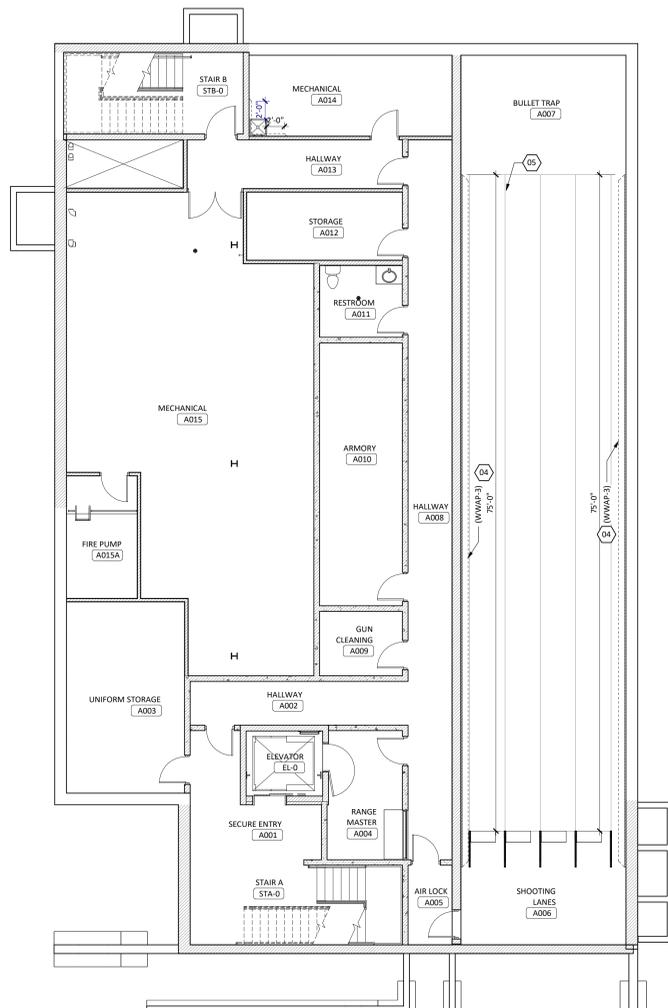
- FINISH SCHEDULE REMARKS**
- PAINT ALL METAL SURFACES AT STAIRS, INCLUDING, BUT NOT LIMITED TO: STRINGERS, RISERS, AND RAILINGS.
 - SPLITTER SYSTEMS TRIMS REFERENCE SPECIFICATIONS.
 - REFERENCE ELEVATIONS.
 - DRY FALL PAINT: PAINT ALL EXPOSED CEILING STRUCTURE, INCLUDING STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS, INCLUDING, BUT NOT LIMITED TO: CONDUITS, JUNCTION BOXES, PIPES, SUPPORT WIRES/CABLES, UNI-STRUTS ALL EXPOSED GALVANIZED SURFACES TO BE PAINTED TO MATCH CEILING COLOR UNLESS NOTED OTHERWISE.
 - PAINT EXPOSED STEEL COLUMNS.
 - REFERENCE FINISH PLAN FOR ADDITIONAL INFORMATION.
 - RESILIENT BASE TO GO UNDER RECEPTION DISK.
 - WALL PROTECTION TO BE LOCATED 48" ON EITHER SIDE OF FLOOR SINK UP TO 48" ABOVE FINISHED FLOOR.
 - FRP TO BE INSTALLED TO 4" ABOVE FINISHED FLOOR.
 - ELEVATOR CEILING TO BE XXX REFERENCE DETAIL XX/AXXXX.
 - REFER TO REFLECTED CEILING PLANS.



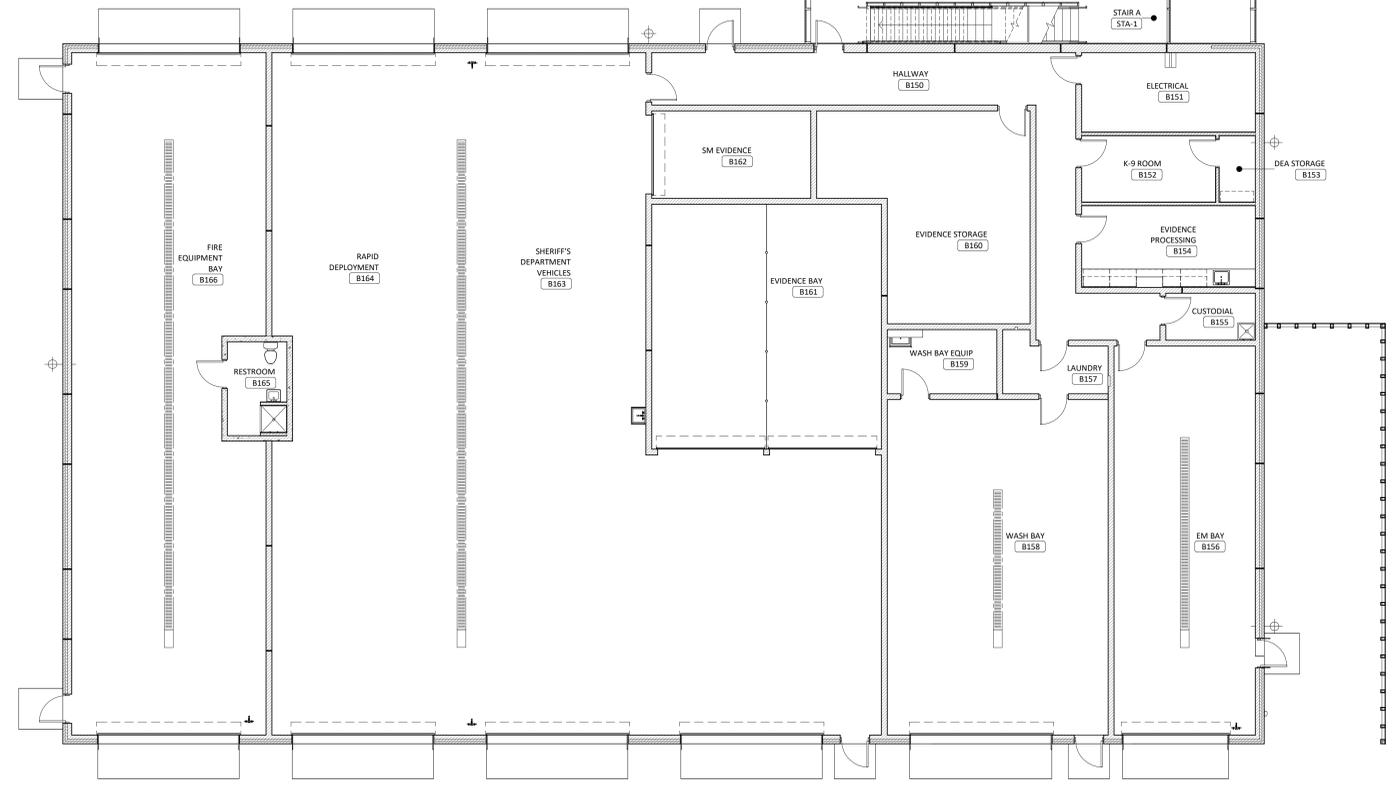
402 East Main Avenue
Bismarck, ND 58501
phone: (701) 255-1617

**PRELIMINARY
NOT FOR CONSTRUCTION**

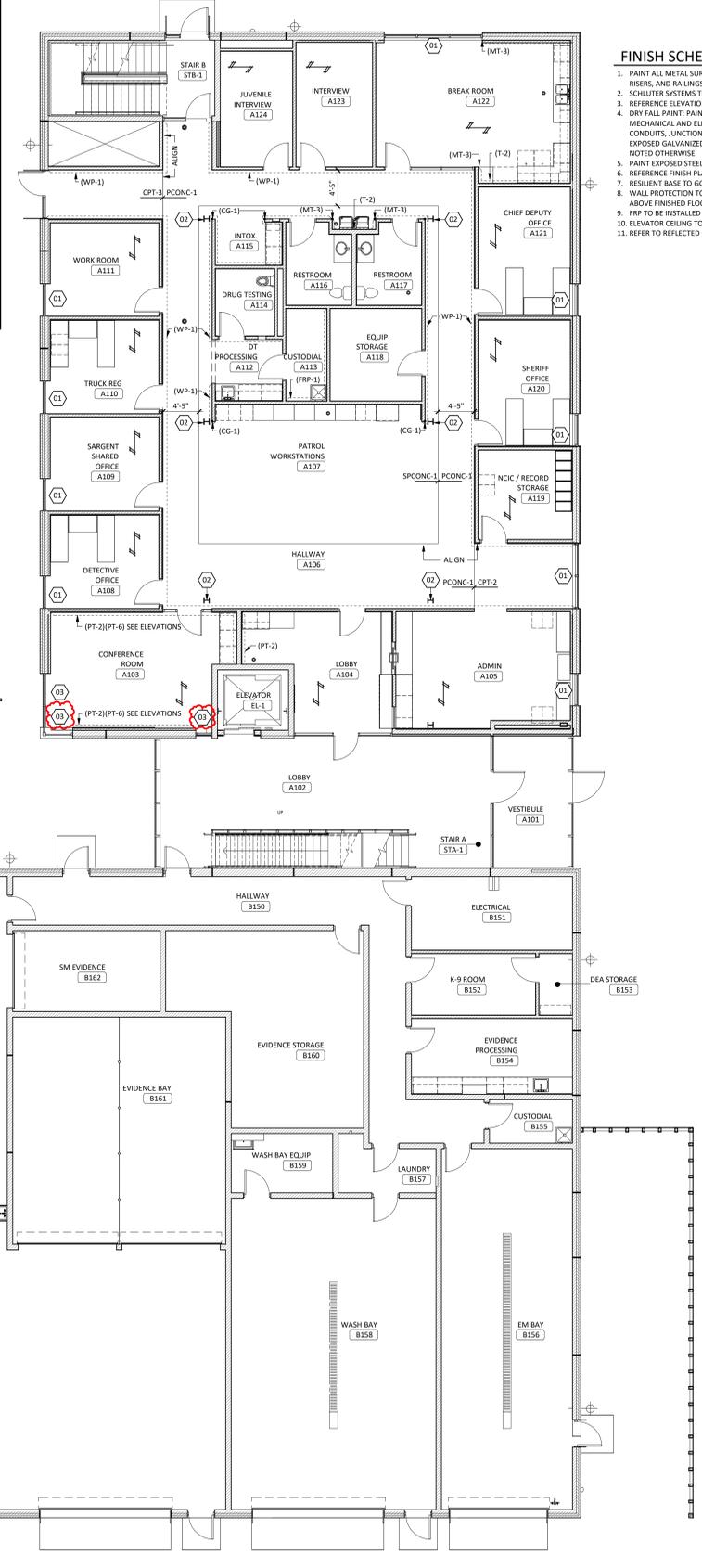
REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	ADDENDUM #3	11/13/25



7A A601 FINISH PLAN - BASEMENT
SCALE: 1/8" = 1'-0"



5A A601 FINISH PLAN - LEVEL 1
SCALE: 1/8" = 1'-0"



A
B
KEYPLAN

DUNN COUNTY
PUBLIC SAFETY CENTER
MANNING, ND

DATE: 10/21/2025
PHASE: CONSTRUCTION DOCUMENTS
PROJECT: 24146.01
SHEET: **A601**
BASEMENT & LEVEL 1 FINISH PLAN

11/20/2025 3:11:48 PM

ROOM FINISH SCHEDULE - LEVEL 2

NUMBER	ROOM	NAME	BASE	FLOOR	WALLS				CASEWORK	COUNTERS	REMARKS
					NORTH	EAST	SOUTH	WEST			
A201	BRIDGE		RB-1	PCONC-1	PT-1	PT-1	PT-1	PT-1	---	---	*TILE TO BE FULL HEIGHT AFF
A202	HALLWAY		RB-2	PCONC-1	PT-1/PT-2*	PT-1/PT-2*	PT-1	PT-1/PT-2*	---	---	*REFER TO PLANS AND ELEVATIONS FOR TILE EXTENTS
A203	LOBBY		RB-2	PCONC-1	PT-1	PT-1/PT-2*	PT-1	PT-1	SEE ELEV	SEE ELEV	*REFER TO FINISH PLANS FOR EXTENTS
A204	HALLWAY		RB-2	LSF-1	PT-1	PT-1	PT-1	PT-1	---	---	
A205	EXAM		RB-1	LSF-1	PT-1	PT-1	PT-1	PT-1	PLAM-1	SSM-1	
A206	STORAGE		RB-1	LSF-1	PT-1	PT-1	PT-1	PT-1	---	---	
A207	EXAM		RB-1	LSF-1	PT-1	PT-1	PT-1	PT-1	PLAM-1	SSM-1	
A208	WORKROOM		RB-1	LSF-1	PT-1	PT-1	PT-1	PT-1	PLAM-1	SSM-1	
A209	OFFICE		RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	SEE ELEV	SEE ELEV	
A210	CORNER		RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	
A211	STORAGE		RB-1	CSLR-1	PT-1	PT-1	PT-1	PT-1	---	---	
A212	ELEC		RB-1	CSLR-1	---	---	---	---	---	---	
A213	BREAK ROOM		RB-2	LSF-1	PT-1	PT-1/PT-2*	PT-1/PT-2*	PT-1/PT-2*	PLAM-1	SSM-2	*REFER TO PLANS AND ELEVATIONS FOR TILE EXTENTS
A214	TRAINING ROOM / EOC		RB-2	PCONC-2/CPT-1	PT-1/MRBD-1	PT-1/MRBD-1	PT-1/MRBD-1	PT-1/MRBD-1	---	---	
A215	UNIFIED COMMAND		RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	
A216	EM OFFICE		RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	
A217	EM STORAGE		RB-1	CPT-1	PT-1	PT-1	PT-1	PT-1	---	---	
A218	MEN		---	T-1	T-1*	T-1*	T-1*	T-1*	PLAM-2	SSM-1	*TILE TO BE FULL HEIGHT AFF
A219	WOMEN		---	T-1	T-1*	T-1*	T-1*	T-1*	PLAM-2	SSM-1	*TILE TO BE FULL HEIGHT AFF
B251	FITNESS AREA		RB-1	RAF-1	PT-1	PT-1	PT-1	PT-1/PT-2*	---	---	*REFER TO FINISH PLANS FOR EXTENTS
B252	RESTROOM		---	T-1	T-1*	T-1*	T-1*	T-1*	---	---	*TILE TO BE FULL HEIGHT AFF
B253	RESTROOM		---	T-1	T-1*	T-1*	T-1*	T-1*	---	---	*TILE TO BE FULL HEIGHT AFF
B254	STORAGE		RB-1	CSLR-1	PT-1	PT-1/FRP-1	PT-1	PT-1	---	---	
B255	STORAGE		RB-1	CSLR-1	PT-1	PT-1	PT-1	PT-1	---	---	
EL-2	ELEVATOR		RB-1	CPT-3	SEE SPEC	SEE SPEC	SEE SPEC	SEE SPEC	---	---	
STA-2	STAIR A		RB-1	SEE SPEC	---	---	---	---	---	---	
STB-2	STAIR B		RB-1	---	---	---	---	---	---	---	

KEYNOTES - FINISH PLAN

NO	NOTE
01	MT-1 SHADES AT WINDOW
02	PAINT COLUMNS (PT-3)
03	MT-2 SHADES AT WINDOW
04	ALL SHOOTING RANGE FINISHES ARE A PART OF ALTERNATE 6.
05	SHOOTING RANGE FLOOR STRIPING PER ALTERNATE 06.

GENERAL NOTES - FINISH PLAN

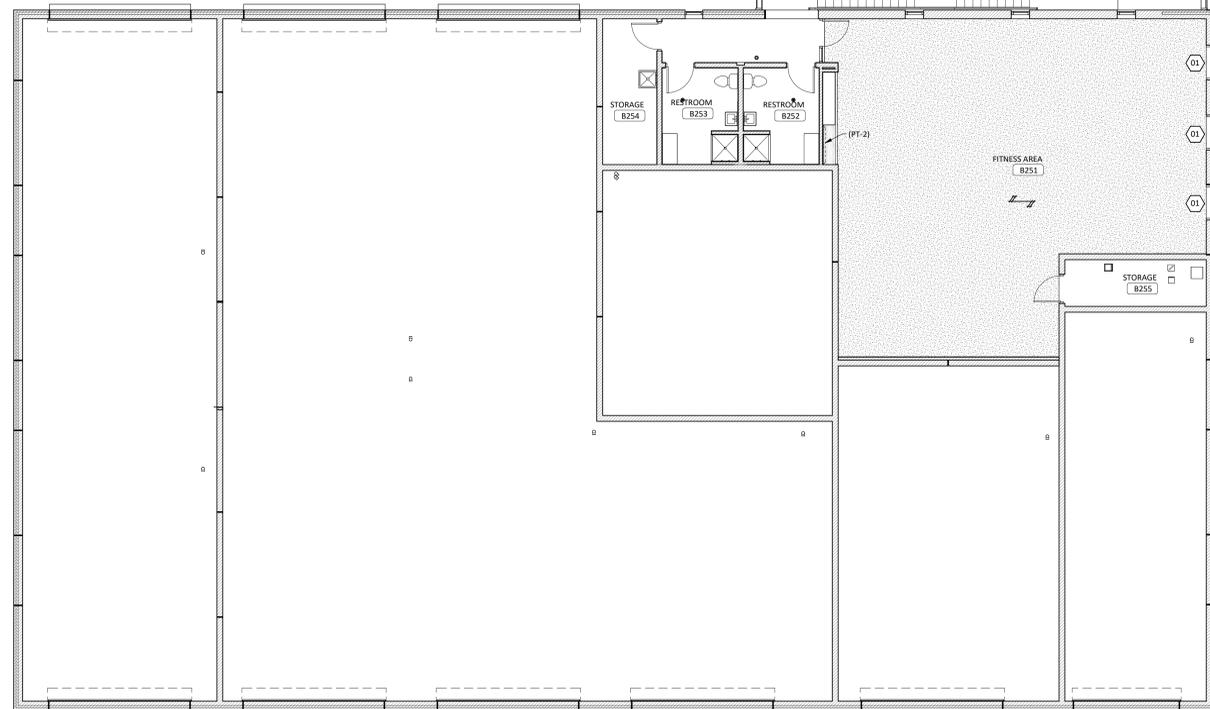
1. PAINT ALL EXPOSED CMU AND GYPSUM BOARD UNLESS NOTED OTHERWISE.
2. PROVIDE LEVEL 5 DRYWALL FINISH AT ALL APPLIED WALL GRAPHICS LOCATIONS.
3. PAINT HORIZONTAL AND VERTICAL FACES OF ALL SOFFITS AND BULKHEADS.
4. PROVIDE APPROPRIATE FLOORING TRANSITION TYPE CENTER UNDER DOOR UNLESS NOTED OTHERWISE AT DOOR LOCATIONS.
5. REFERENCE SPECIFICATIONS FOR MATERIALS LISTED IN FINISH SCHEDULE.

FINISH SCHEDULE REMARKS

1. PAINT ALL METAL SURFACES AT STAIRS, INCLUDING, BUT NOT LIMITED TO: STRINGERS, RISERS, AND RAILINGS.
2. SCHLITERS SYSTEMS: TRIMS, REFERENCE SPECIFICATIONS.
3. REFERENCE ELEVATIONS.
4. DRY FALL PAINT: PAINT ALL EXPOSED CEILING STRUCTURE, INCLUDING STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS, INCLUDING, BUT NOT LIMITED TO: CONDUITS, JUNCTION BOXES, PIPES, SUPPORT WIRES/CABLES, UNI-STRUTS. ALL EXPOSED GALVANIZED SURFACES TO BE PAINTED TO MATCH CEILING COLOR UNLESS NOTED OTHERWISE.
5. PAINT EXPOSED STEEL COLUMNS.
6. REFERENCE FINISH PLAN FOR ADDITIONAL INFORMATION.
7. RESILIENT BASE TO GO UNDER RECEPTION DESK.
8. WALL PROTECTION TO BE LOCATED 48" ON EITHER SIDE OF FLOOR SINK UP TO 48" ABOVE FINISHED FLOOR.
9. FRP TO BE INSTALLED TO 8'-0" ABOVE FINISHED FLOOR.
10. ELEVATOR CEILING TO BE XXX-REFERENCE DETAIL XX/AXXXX.
11. REFER TO REFLECTED CEILING PLANS.

REVISION SCHEDULE

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	11/04/25
2	ADDENDUM #3	11/13/25



6A FINISH PLAN - LEVEL 2
SCALE: 1/8" = 1'-0"



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REVISION SCHEDULE

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	11/04/25
2	ADDENDUM #3	11/13/25

DUNN COUNTY
PUBLIC SAFETY CENTER
MANNING, ND

DATE: 10/21/2025
PHASE: CONSTRUCTION DOCUMENTS
PROJECT: 24146.01
SHEET: **A602**
LEVEL 2 FINISH PLAN

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GENERAL NOTES - RCP

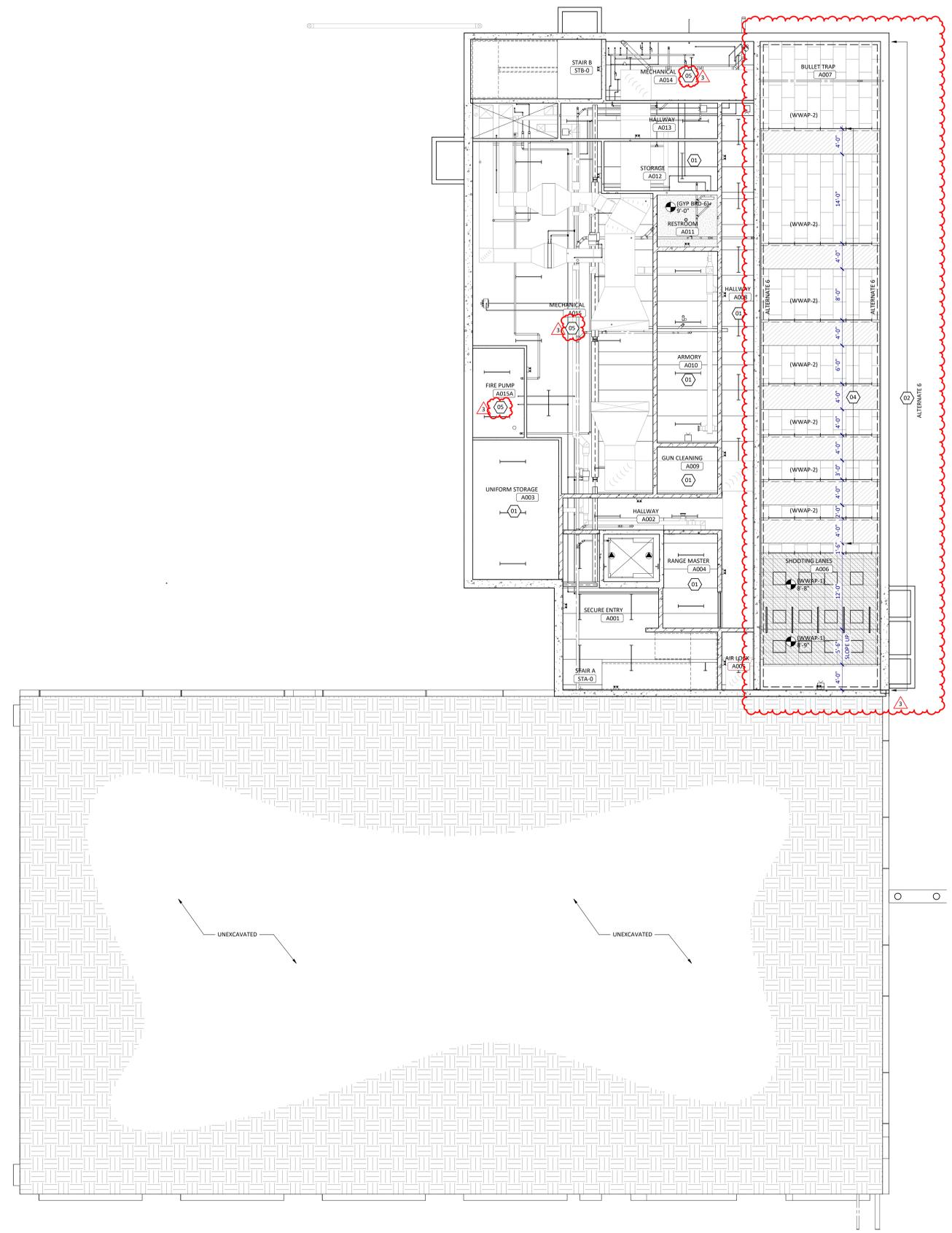
- COORDINATE FINAL SIZE AND FINAL LOCATION OF ALL ACCESS PANELS WITH TRADE REQUIRING SAME.
- COORDINATE CEILING SUSPENSION SYSTEMS WITH OTHER CEILING SPACE EQUIPMENT SUPPORTING DEVICES.
- FOR PARTITION TYPES, SEE SHEET AX-XXX.
- REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF FIRE AND SMOKE RATED PARTITIONS.
- CEILING GRID SYSTEM TO BE CENTERED IN ROOM IN BOTH DIRECTIONS UNLESS NOTED OTHERWISE.
- NO CEILING PANEL TO BE CUT TO LESS THAN 6" WIDTH AT CEILING PANEL INSTALLATION TYPICAL.
- AT CONDITIONS WHERE CEILING TILE PADS EXCEED 2'-0" TRIM 2'x4' CEILING PADS AS REQUIRED TO FIT.
- SPRINKLER HEADS TO BE LOCATED IN THE CENTER OF CEILING PANELS TYPICALLY.
- PAINT ALL EXPOSED (VISUAL) CONSTRUCTION ABOVE CEILINGS INCLUDING BUT NOT LIMITED TO MECH. AND ELECTRICAL ITEMS. SEE NOTES ON SHEET FOR EXTENT OF SCOPE.
- VERIFY EXACT LOCATIONS OF SOFFIT AND CEILING CONTROL JOINTS WITH THE ARCHITECTS REPRESENTATIVE IN THE FIELD.
- REFER TO A-C-X SERIES DRAWINGS FOR LOCATIONS OF CEILING MOUNTED EQUIPMENT, I.E. EMERGENCY SHOWER CURTAINS, FUME HOODS, ETC. REFER TO DETAILS "XX" FOR CONSTRUCTION.
- REFER TO DETAIL "XX" FOR PENETRATION OF UNISTRUIT IN ACOUSTIC CEILING.
- COORDINATE THE LOCATION OF ESCUTCHEON PLATES AT CEILING PANEL PENETRATIONS WITH ELECTRICAL AND MECHANICAL TRADES.
- SEE ELECTRICAL DRAWINGS FOR FIXTURE TYPES AND NIGHT LIGHT LOCATIONS.
- PATCH AND REPAIR THE EXISTING CEILING PANELS AND GRID WHERE WALLS WERE REMOVED.
- CONTRACTOR SHALL MAINTAIN THE FIRE RATING INTEGRITY OF ALL EXISTING PARTITIONS INDICATED AS FIRE RESISTANCE RATED. ADVISE THE ARCHITECT OF ANY PRE-EXISTING BREACHES DISCOVERED IN THE COURSE OF WORK.

SHEET SPEC ID LIST

SPEC ID	SPEC SECTION & DESCRIPTION
WWAP-2	09 5100 - WOOD WOOL ACOUSTIC CEILING PANEL

KEYNOTES - CEILING PLAN

NO	NOTE	REV.
01	DRY FALL PAINT: PAINT ALL EXPOSED CEILING STRUCTURE, (PT-4) INCLUDING STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS, INCLUDING, BUT NOT LIMITED TO: CONDUITS, JUNCTION BOXES, PIPES, SUPPORT WIRES/CABLES, UNI STRUTS. ALL EXPOSED GALVANIZED SURFACES TO BE PAINTED TO MATCH CEILING COLOR UNLESS NOTED OTHERWISE.	
02	NO PAINT ON CEILINGS OR WALLS IN SHOOTING RANGE OR BULLET TRAP. ACOUSTIC TREATMENTS, FIRING RANGE CANOPY Baffle AND ALL OTHER CEILING PROTECTIVE Baffles AS ALTERNATE 6.	
03	DRY FALL PAINT: PAINT ALL GYP CEILINGS, (PT-5)	3
04	CEILING Baffle/GUARD, SEE SHOOTING RANGE EQUIPMENT SPEC. LAYOUT TO BE VERIFIED WITH EQUIPMENT SUPPLIER. SEE ELECTRICAL FOR LIGHTING.	3
05	NO PAINT ON EXPOSED CEILING.	5



6A
A701 BASEMENT FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES - RCP

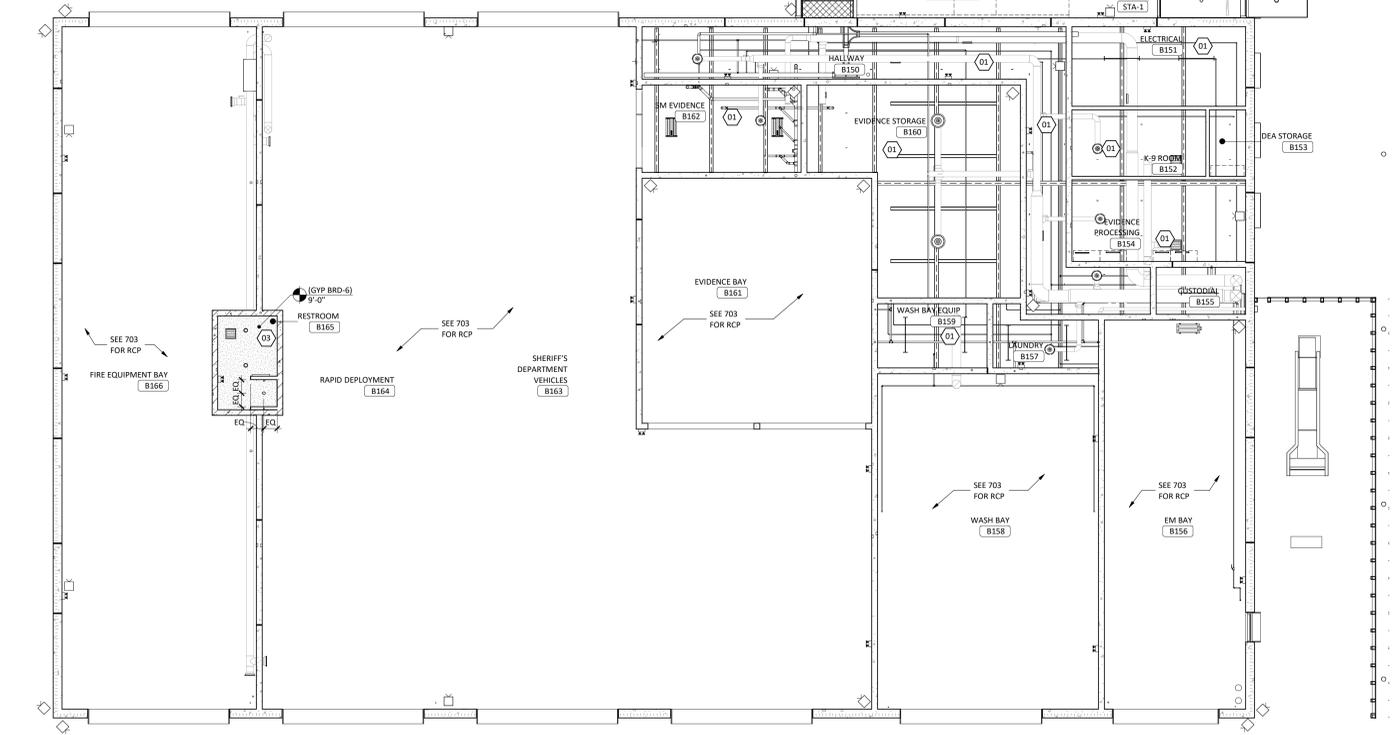
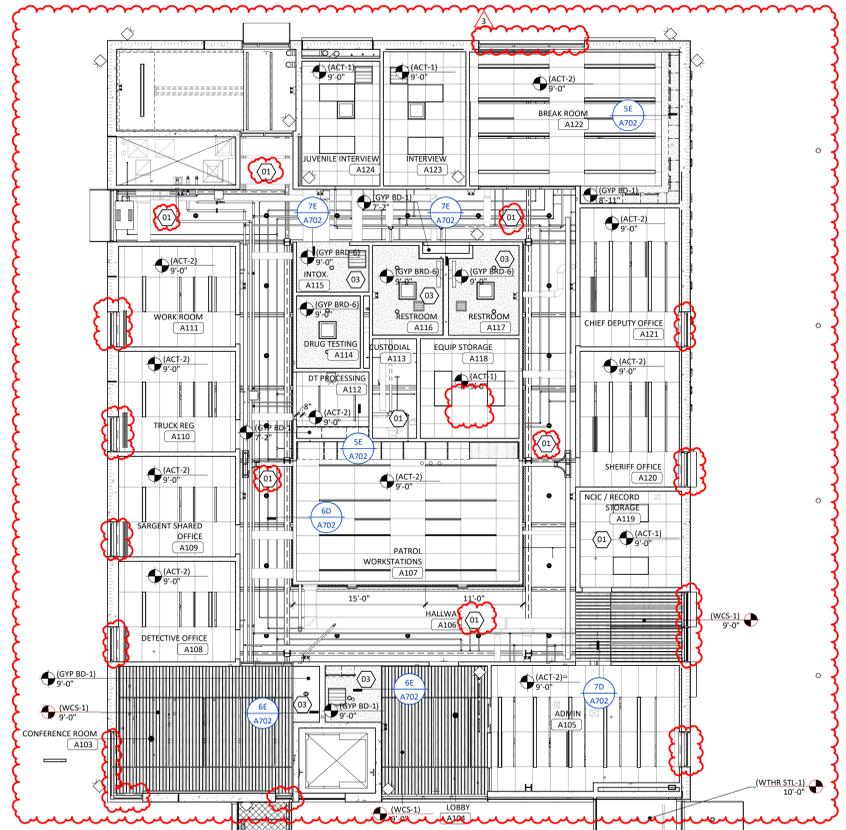
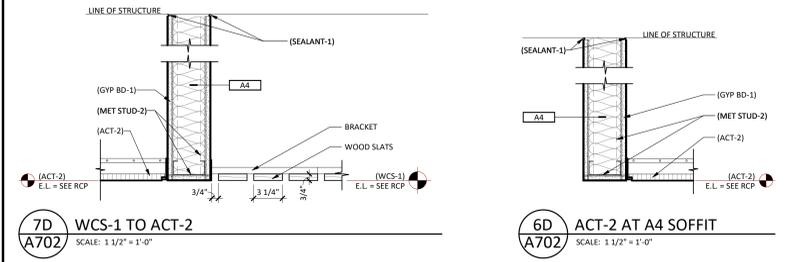
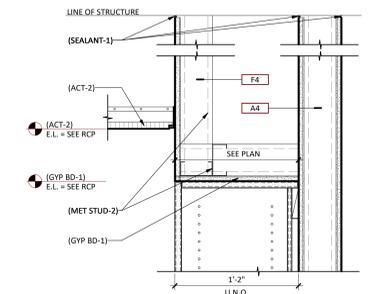
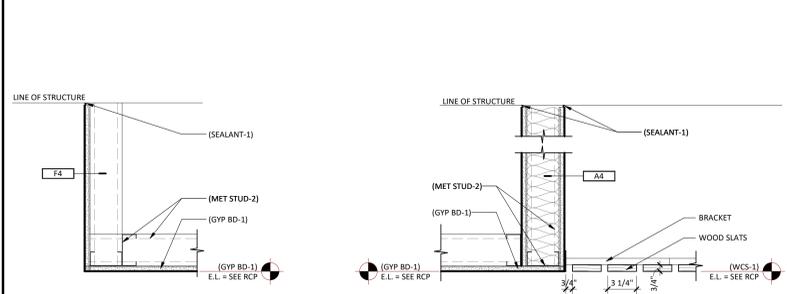
- COORDINATE FINAL SIZE AND FINAL LOCATION OF ALL ACCESS PANELS WITH TRADE REQUIRING SAME.
- COORDINATE CEILING SUSPENSION SYSTEMS WITH OTHER CEILING SPACE EQUIPMENT SUPPORTING DEVICES.
- FOR PARTITION TYPES, SEE SHEET AX-XXX.
- REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF FIRE AND SMOKE RATED PARTITIONS.
- CEILING GRID SYSTEM TO BE CENTERED IN ROOM IN BOTH DIRECTIONS UNLESS NOTED OTHERWISE.
- NO CEILING PANEL TO BE CUT TO LESS THAN 6" WIDTH AT CEILING PANEL INSTALLATION TYPICAL.
- AT CONDITIONS WHERE CEILING TILE PADS EXCEED 2'-0" TRIM 2'x4' CEILING PADS AS REQUIRED TO FIT.
- SPRINKLER HEADS TO BE LOCATED IN THE CENTER OF CEILING PANELS TYPICALLY.
- PAINT ALL EXPOSED (VISUAL) CONSTRUCTION ABOVE CEILINGS INCLUDING BUT NOT LIMITED TO MECH. AND ELECTRICAL ITEMS. SEE NOTES ON SHEET FOR EXTENT OF SCOPE.
- VERIFY EXACT LOCATIONS OF SOFFIT AND CEILING CONTROL JOINTS WITH THE ARCHITECTS REPRESENTATIVE IN THE FIELD.
- REFER TO A-C-X SERIES DRAWINGS FOR LOCATIONS OF CEILING MOUNTED EQUIPMENT, I.E. EMERGENCY SHOWER CURTAINS, FUME HOODS, ETC. REFER TO DETAILS "XX" FOR CONSTRUCTION.
- REFER TO DETAIL "XX" FOR PENETRATION OF UNISTRUT IN ACOUSTIC CEILING.
- COORDINATE THE LOCATION OF ESCUTCHEON PLATES AT CEILING PANEL PENETRATIONS WITH ELECTRICAL AND MECHANICAL TRADES.
- SEE ELECTRICAL DRAWINGS FOR FIXTURE TYPES AND NIGHT LIGHT LOCATIONS.
- PATCH AND REPAIR THE EXISTING CEILING PANELS AND GRID WHERE WALLS WERE REMOVED.
- CONTRACTOR SHALL MAINTAIN THE FIRE RATING INTEGRITY OF ALL EXISTING PARTITIONS INDICATED AS FIRE RESISTANCE RATED. ADVISE THE ARCHITECT OF ANY PRE-EXISTING BREACHES DISCOVERED IN THE COURSE OF WORK.

SHEET SPEC ID LIST

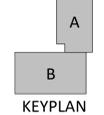
SPEC ID	SPEC SECTION & DESCRIPTION
ACT-2	09 5100 - ACOUSTIC CEILING TILE
GYP BD-1	09 2116 - 5/8" TYPE X GYPSUM BOARD
MET STUD-2	09 2116 - NON-LOADBEARING METAL STUDS, 20 GA.
SEALANT-1	07 9200 - JOINT SEALANT OR CAULKING WITH OR WITHOUT BACKER ROD

KEYNOTES - CEILING PLAN

NO	NOTE	REV.
01	DRY FALL PAINT: PAINT ALL EXPOSED CEILING STRUCTURE, (PT-4) INCLUDING STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS, INCLUDING, BUT NOT LIMITED TO: CONDUITS, JUNCTION BOXES, PIPES, SUPPORT WIRING/CABLES, UNI-STRUTS. ALL EXPOSED GALVANIZED SURFACES TO BE PAINTED TO MATCH CEILING COLOR UNLESS NOTED OTHERWISE.	3
02	NO PAINT ON CEILINGS OR WALLS IN SHOOTING RANGE OR BULLET TRAP. ACOUSTIC TREATMENTS, FIRING RANGE CANOPY BAFFLE AND ALL OTHER CEILING PROTECTIVE Baffles AS ALTERNATE 6.	3
03	DRY FALL PAINT: PAINT ALL GYP CEILINGS. (PT-5)	3
04	CEILING Baffles/GUARDS: SEE SHOOTING RANGE EQUIPMENT SPEC. LAYOUT TO BE VERIFIED WITH EQUIPMENT SUPPLIER. SEE ELECTRICAL FOR LIGHTING.	3
05	NO PAINT ON EXPOSED CEILING.	3

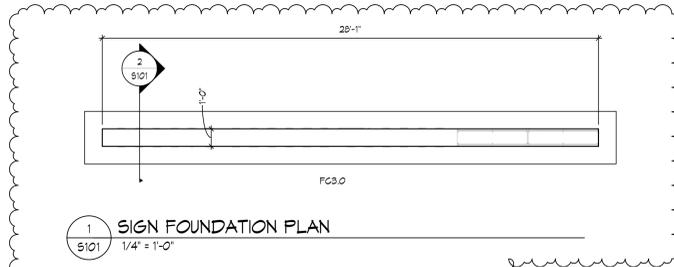


6A FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

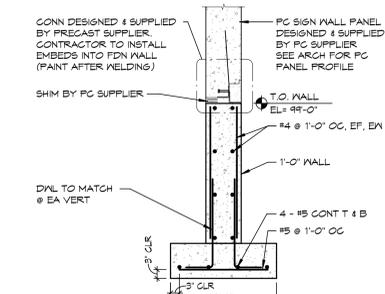


FOOTING SCHEDULE					
MARK	SIZE	DEPTH	REINFORCING		REMARKS
			TRANS	LONG	
FC1.T	1'-8"	1'-0"	#4 @ 4'-0" OC	2 - #5	@ STOOPS
FC2.O	<varies>	1'-0"	#4 @ 4'-0" OC	2 - #5	
FC3.O	3'-0"	1'-0"	#4 @ 4'-0" OC	3 - #5	
FC4.O	4'-0"	1'-0"	#4 @ 4'-0" OC	4 - #5	
FC5.O	5'-0"	1'-0"	#4 @ 4'-0" OC	5 - #5	
FB.O	5'-0" SQ	1'-0"	5 - #5	5 - #5	
FB.O	8'-0" SQ	1'-8"	8 - #5	8 - #5	

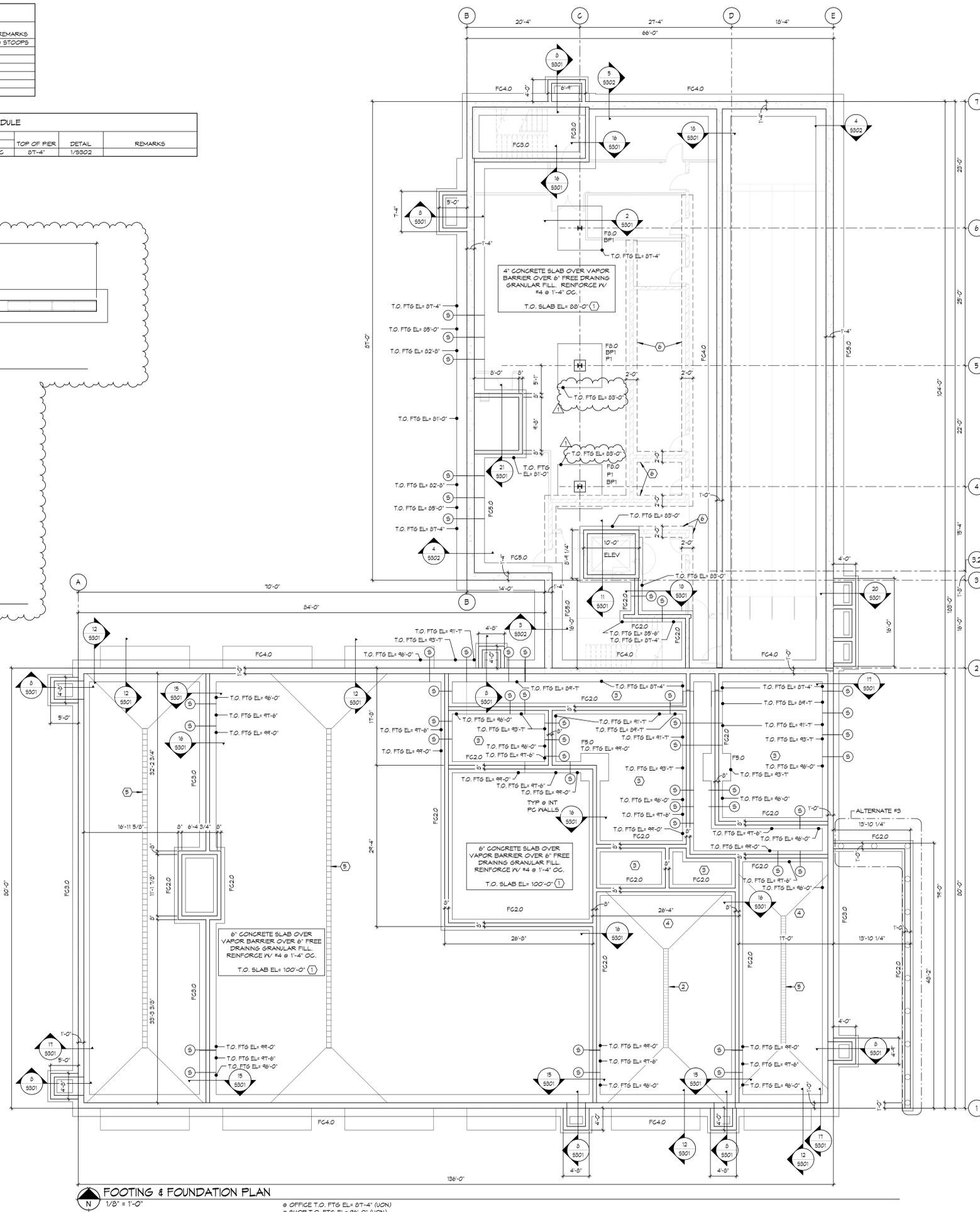
PIER SCHEDULE							
MARK	"B"	"N"	REINFORCING		TOP OF PIER	DETAIL	REMARKS
			VERT REINF/DYAL	TIES			
PI	2'-0"	2'-0"	8 - #6	#4 @ 1'-0" OC	87'-4"	1/5302	



1 SIGN FOUNDATION PLAN
S101 1/4" = 1'-0"



2 FOUNDATION WALL DETAIL
S101 1/2" = 1'-0"



FOOTING & FOUNDATION PLAN
1/8" = 1'-0"
OFFICE T.O. FTG EL= 87'-4" (LGN)
SHOP T.O. FTG EL= 96'-0" (LGN)

- SHEET NOTES:**
1. VERIFY ALL DIMENSIONS IN ARCHITECTURAL PLANS. DO NOT SCALE DRAWINGS.
 2. SEE SHEET S001 & S002 FOR GENERAL STRUCTURAL NOTES.
 3. (S) = STEPPED FOOTING SD 1/5301
 4. COORDINATE LOCATIONS OF MECHANICAL & ELECTRICAL PENETRATIONS THROUGH ALL FOUNDATION SLABS.
 5. ALL STOOPS SHALL BE CENTERED ON DOOR OPENINGS (LGN). VERIFY DOOR OPENING LOCATIONS & DIMENSIONS IN ARCHITECTURAL PLANS.
 6. FX OR FX - FOOTING MARK. SEE FOOTING SCHEDULE SHEET S101
 7. PX - PIER MARK. SEE PIER SCHEDULE SHEET S101
 8. SEE GEOTECHNICAL REPORT FOR ALL FOUNDATION RECOMMENDATIONS.
 9. VERIFY SLOPE, GRADE, ELEVATION, ORIENTATION OF BUILDING & EXTERIOR CONC IN CIVIL PLANS.

- KEY NOTES:**
- 1) ALTERNATE #2. PROVIDE RIGID INSULATION UNDER SLAB. SEE ARCH FOR HEATED FLOOR ASSEMBLY.
 - 2) TRENCH DRAIN, SD 14/5301
 - 3) 4" CONCRETE SLAB OVER VAPOR BARRIER OVER 6" FREE DRAINING GRANULAR FILL, REINFORCE W/ #4 @ 1'-4" OC, T.O. SLAB EL= 100'-0"
 - 4) 6" CONCRETE SLAB OVER VAPOR BARRIER OVER 6" FREE DRAINING GRANULAR FILL, REINFORCE W/ #4 @ 1'-4" OC, T.O. SLAB EL= 100'-0"
 - 5) TRENCH DRAIN, SD 13/5301
 - 6) PROVIDE 2'-0" THICKENED SLAB BELOW GUM WALL LOCATIONS. SD 22/5301

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REGISTERED PROFESSIONAL ENGINEER
ERIC A. GREIFF
PE-4983
DATE: 10/21/25
MONTANA

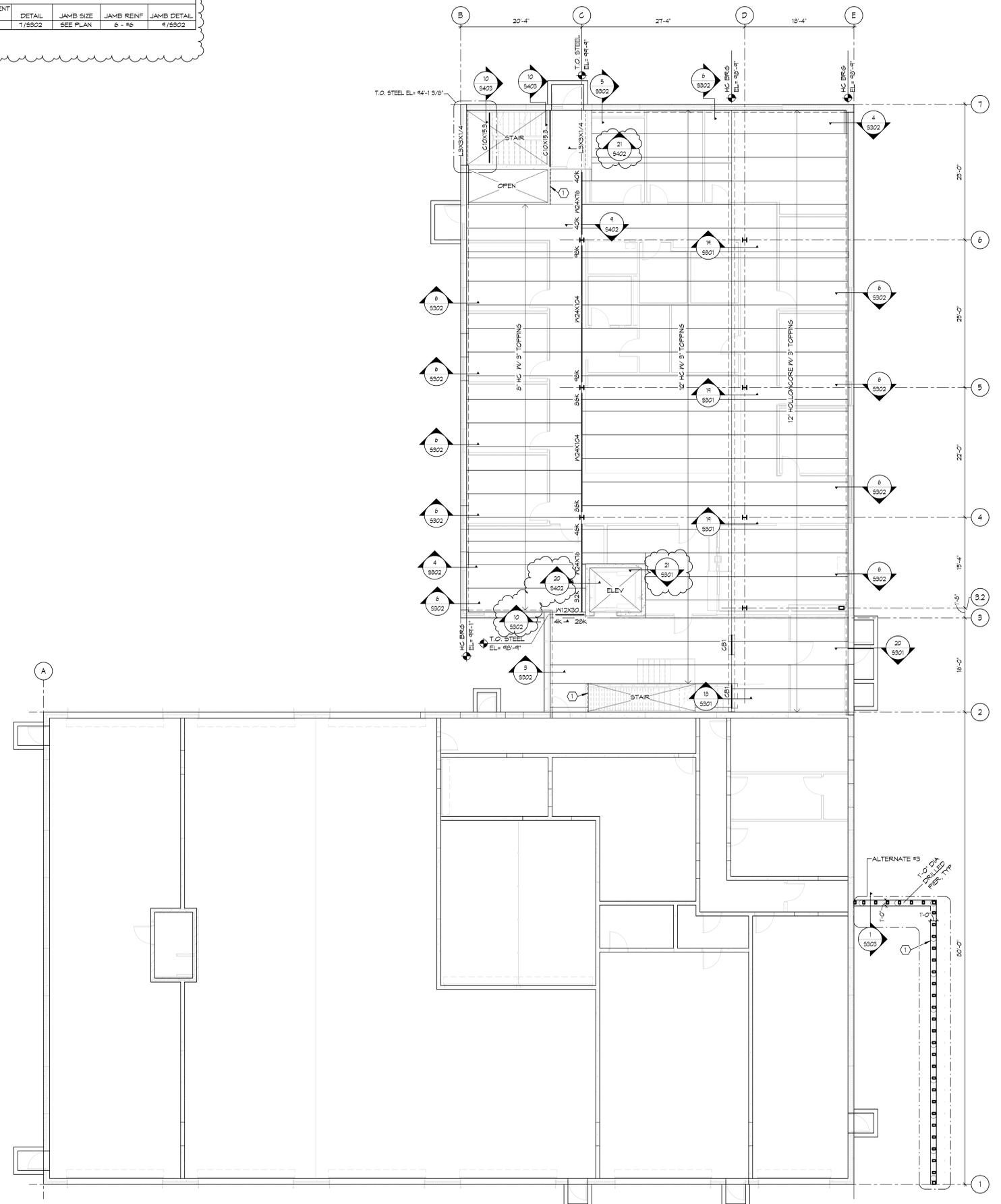
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NO.	DESCRIPTION	DATE
1	ADDENDUM #03	11/13/25

DUNN COUNTY
PUBLIC SAFETY CENTER
MANNING, ND

DATE
10/21/25
PHASE
CONSTRUCTION DOCUMENTS
PROJECT
24146.01
SHEET
S101
FOOTING & FOUNDATION PLAN

11/20/25 10:52:35 AM

CONCRETE BEAM SCHEDULE										
MARK	WIDTH	DEPTH	TOP BARS	BOT BARS	STIRRUP	DEVELOPMENT LENGTH	DETAIL	JAMB SIZE	JAMB REIN'	JAMB DETAIL
CB1	1'-0"	1'-2"	2 - #5	3 - #6	#4 @ 1'-0" OC	3'-0"	7/5302	SEE PLAN	6 - #6	4/5302



- SHEET NOTES:**
- SEE SHEET 5001 & 5002 FOR GENERAL STRUCTURAL NOTES.
 - VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS, WHICH SHALL BE GOVERNING.
 - FLOOR SLAB SHALL BE 4 1/2" (NORMAL HEIGHT) CONCRETE ON 2" COMPOSITE STEEL DECKING (5 1/2" TOTAL THICKNESS). REINFORCE W/ 6x6-A2.1Wx2.1 W/M (FLAT SHEETS ONLY).
 - FASTEN COMPOSITE STEEL DECKING TO STRUCTURE WITH HILTI X-U-PD POWDER ACTUATED FASTENERS (PAF) @ 1'-0" OC (IGN).
 - ALL SHEAR STUDS SHALL BE 3/4" DIA X 5" HIGH SHEAR CONNECTORS STUDS SPACED EQUALLY ALONG SPAN.
 - REINFORCE ALL CMU WALLS W/ #5 VERTICALS SPACED @ 24" OC (IGN).
 - WHERE NO REACTION IS LISTED, DESIGN CONNECTION FOR 20 KIPS.
 - ALL STEEL JOISTS SHALL BE DESIGNED FOR A MINIMUM 15 psf UPLIFT (IGN).
 - ALL RAISED CONCRETE SLABS TO BE NET CURED.

- KEY NOTES:**
- TRAPEZOID ANGLE BY PG SUPPLIER
 - CONT 1'-0" X 1'-0" CONC BEAM, SD 1/5302 FOR REINFORCEMENT

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REGISTERED PROFESSIONAL ENGINEER
ERIC A. GREIFF
PE-4983
DATE: 10/21/25
NORTH DAKOTA

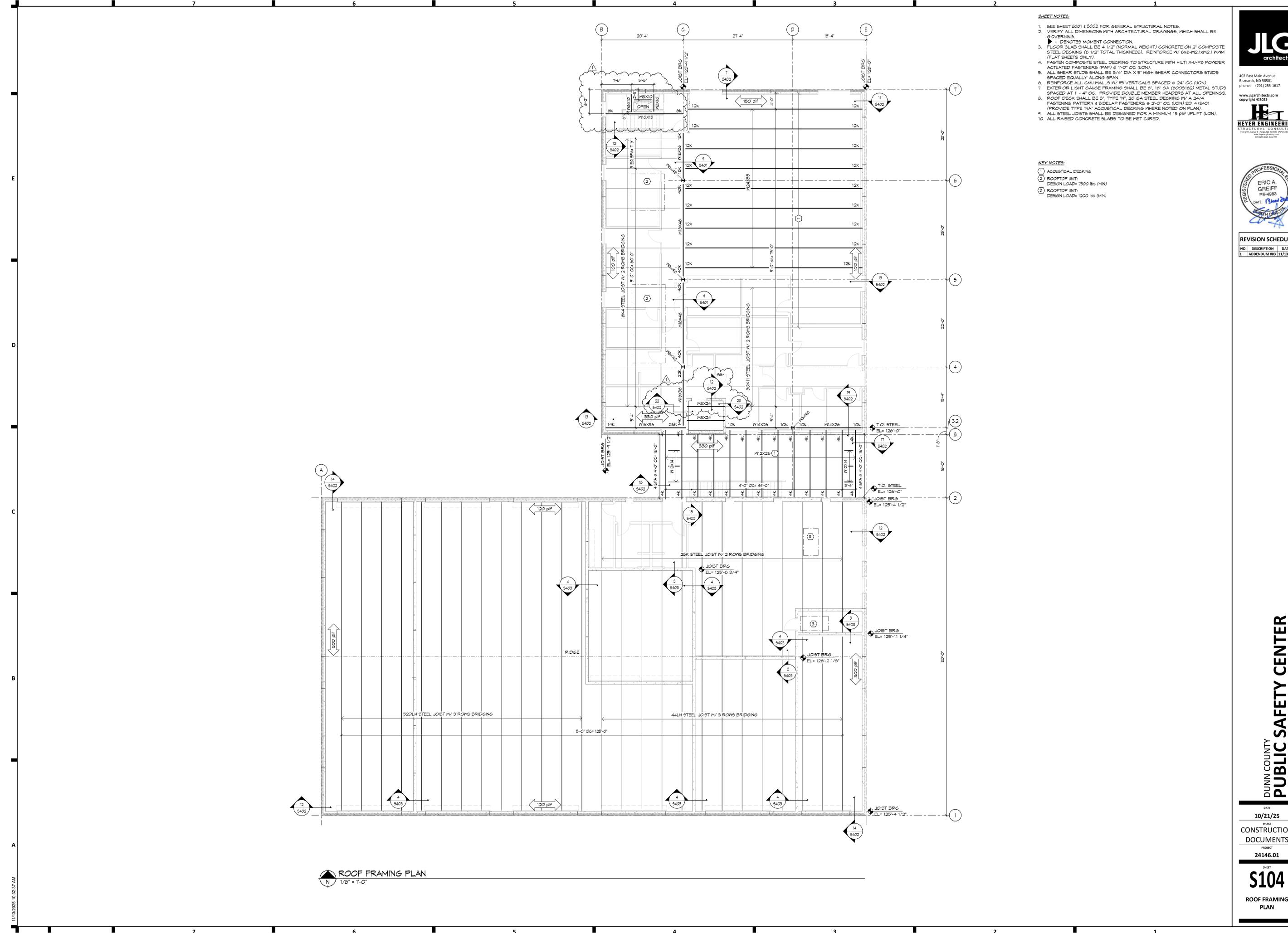
REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	ADDENDUM #03	11/13/25

FIRST FLOOR FRAMING PLAN
1/8" = 1'-0"

DUNN COUNTY
PUBLIC SAFETY CENTER
MANNING, ND

DATE: 10/21/25
PHASE: CONSTRUCTION DOCUMENTS
PROJECT: 24146.01
SHEET: **S102**
FIRST FLOOR FRAMING PLAN

11/12/2025 10:52:36 AM



- SHEET NOTES:**
- SEE SHEET S001 & S002 FOR GENERAL STRUCTURAL NOTES.
 - VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS, WHICH SHALL BE GOVERNING.
 - DENOTES MOMENT CONNECTION.
 - FLOOR SLAB SHALL BE 4 1/2" (NORMAL WEIGHT) CONCRETE ON 2" COMPOSITE STEEL DECKING (6 1/2" TOTAL THICKNESS). REINFORCE W/ 6x6-W2.1W2.1 WWM (FLAT SHEETS ONLY).
 - FASTEN COMPOSITE STEEL DECKING TO STRUCTURE WITH HILTI X-U-PS POWDER ACTUATED FASTENERS (PAF) @ 1'-0" OC (IGN).
 - ALL SHEAR STUDS SHALL BE 3/4" DIA X 5" HIGH SHEAR CONNECTORS STUDS SPACED EQUALLY ALONG SPAN.
 - REINFORCE ALL CMU WALLS W/ #5 VERTICALS SPACED @ 24" OC (IGN).
 - EXTERIOR LIGHT GAUGE FRAMING SHALL BE 6", 16' GA (600S162) METAL STUDS SPACED AT 1'-4" OC. PROVIDE DOUBLE MEMBER HEADERS AT ALL OPENINGS.
 - ROOF DECK SHALL BE 3" TYPE 'N', 20 GA STEEL DECKING W/ A 24/4 FASTENING PATTERN & SIDELAP FASTENERS @ 2'-0" OC (IGN) SD 4/S401 (PROVIDE TYPE 'NA' ACOUSTICAL DECKING WHERE NOTED ON PLAN).
 - ALL STEEL JOISTS SHALL BE DESIGNED FOR A MINIMUM 15 psf UPLIFT (IGN).
 - ALL RASB CONCRETE SLABS TO BE NET CURED.

- KEY NOTES:**
- ACOUSTICAL DECKING
 - ROOFTOP UNIT
 - ROOFTOP UNIT: DESIGN LOAD: 1500 lbs (MIN)
 - ROOFTOP UNIT: DESIGN LOAD: 1200 lbs (MIN)

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REGISTERED PROFESSIONAL ENGINEER
ERIC A. GREIFF
PE-4983
DATE: 11/13/25
NORTH DAKOTA

NO.	DESCRIPTION	DATE
1	ADDENDUM #03	11/13/25

DUNN COUNTY
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MANNING, ND

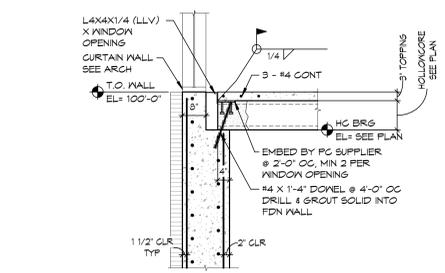
DATE: 10/21/25
PHASE: CONSTRUCTION DOCUMENTS
PROJECT: 24146.01

SHEET
S104
ROOF FRAMING PLAN

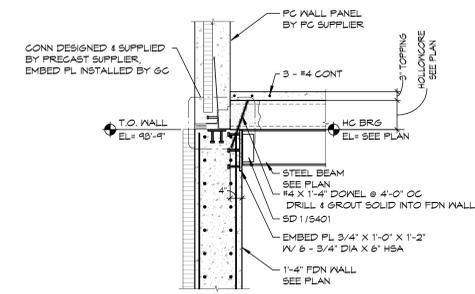
ROOF FRAMING PLAN
1/8" = 1'-0"

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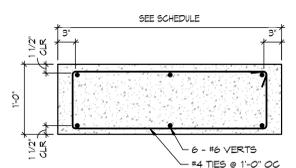
REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	ADDENDUM #03	11/13/25



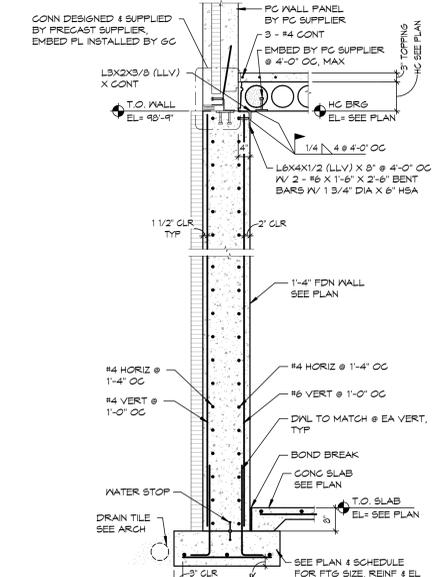
6 HOLLOWCORE BEARING @ WINDOWS
S302 1/2" = 1'-0"



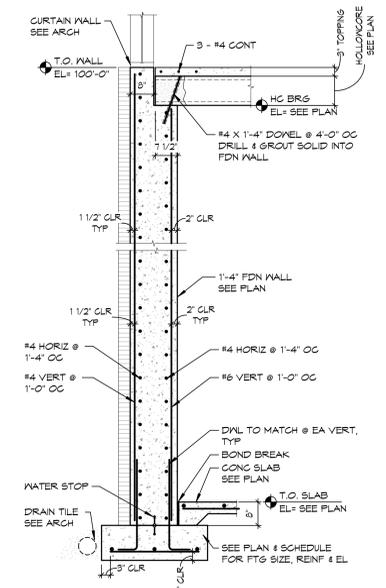
10 HOLLOWCORE @ STEEL BEAM DETAIL
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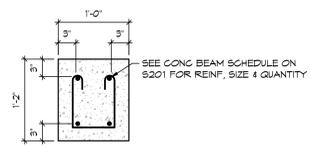
9 CONCRETE JAMB DETAIL
S302 1" = 1'-0"



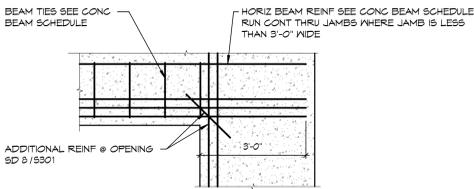
5 INTERIOR FTG WALL DETAIL
S302 1/2" = 1'-0"



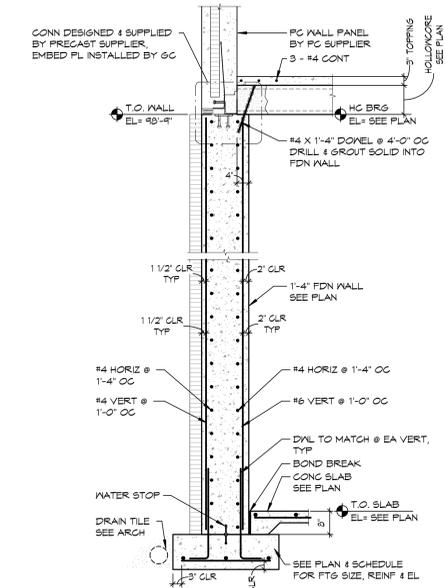
3 HOLLOWCORE BEARING @ CURTAIN WALL
S302 1/2" = 1'-0"



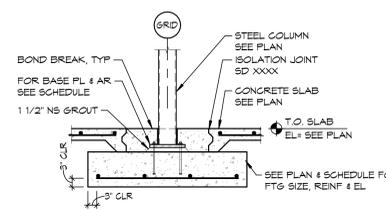
8 CONCRETE BEAM DETAIL
S302 1" = 1'-0"



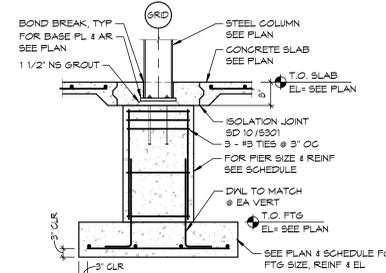
7 REINF DEVELOPMENT LENGTH DETAIL
S302 1/2" = 1'-0"



4 INTERIOR FTG WALL DETAIL
S302 1/2" = 1'-0"

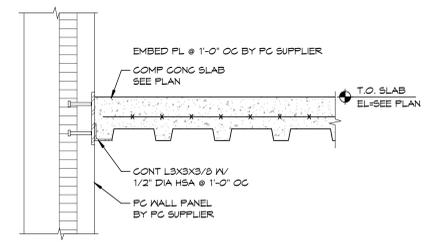


2 INTERIOR PAD FOOTING
S302 1/2" = 1'-0"

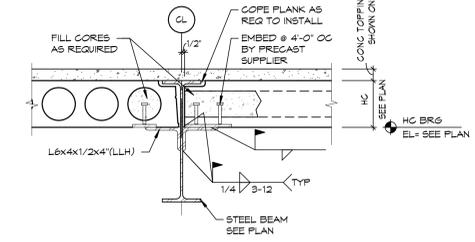


1 INTERIOR COLUMN PIER
S302 1/2" = 1'-0"

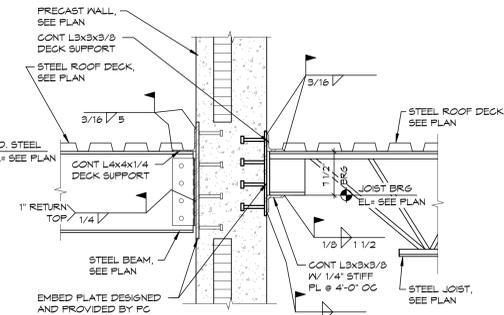
11/13/2025 10:52:39 AM



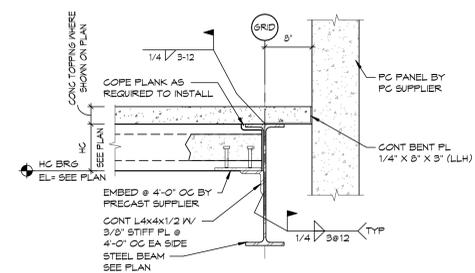
5 SLAB EDGE DETAIL
S402 1" = 1'-0"



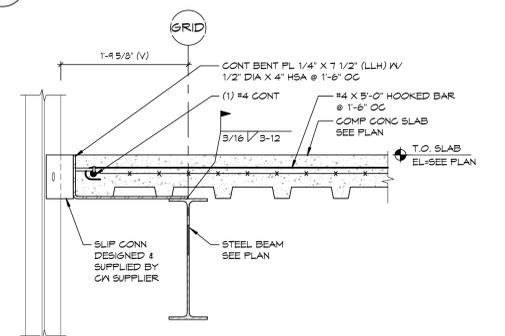
10 HC BEARING DETAIL
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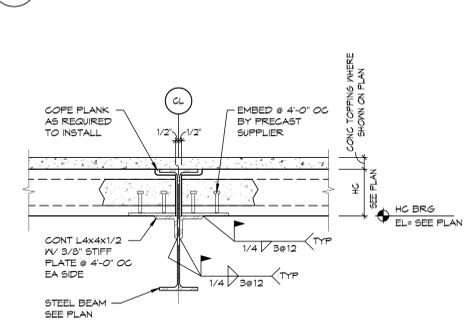
15 JOIST & BEAM BRG @ PC PANEL DETAIL
S402 1" = 1'-0"



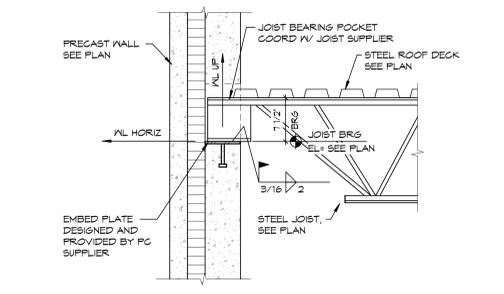
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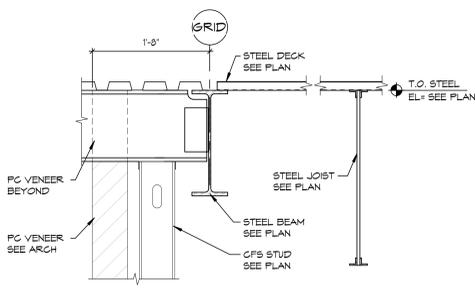
4 COMPOSITE SLAB DECK EDGE DETAIL
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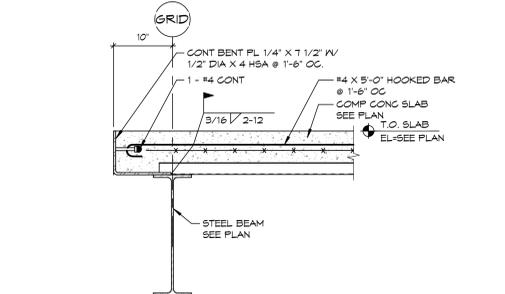
9 HC BEARING DETAIL
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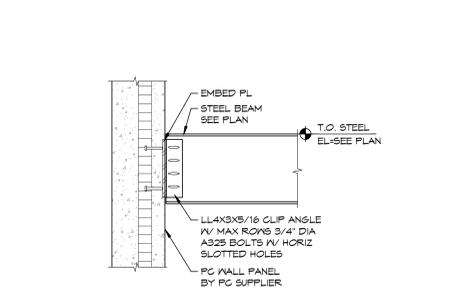
14 JOIST BRG @ PC PANEL DETAIL
S402 1" = 1'-0"



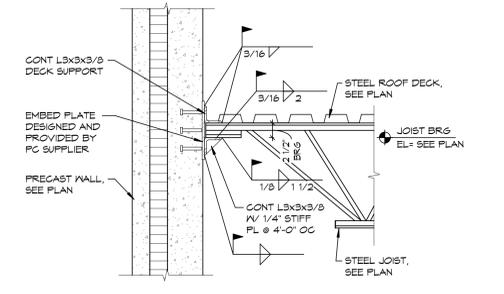
19 BEAM BRG TO DECK EDGE TRANSITION DETAIL
S402 1" = 1'-0"



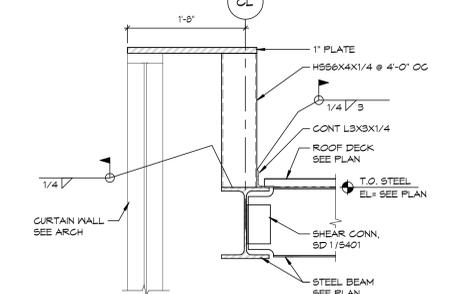
3 SLAB EDGE DETAIL
S402 1" = 1'-0"



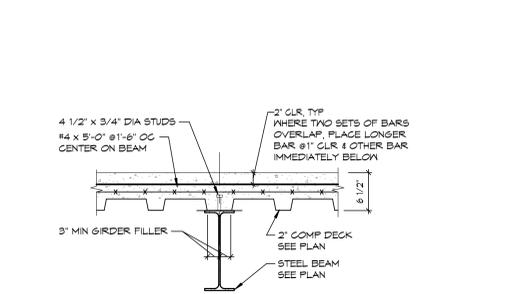
8 BEAM BEARING DETAIL
S402 3/4" = 1'-0"



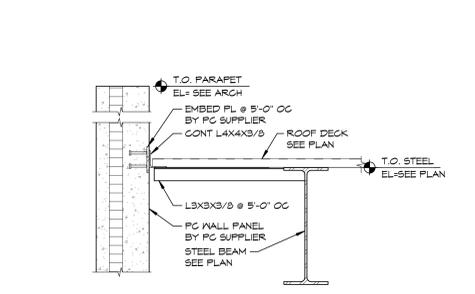
13 JOIST BRG @ PC PANEL DETAIL
S402 1" = 1'-0"



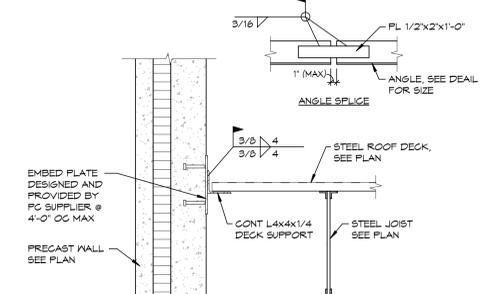
18 CURTAINWALL HEAD SUPPORT DETAIL
S402 1" = 1'-0"



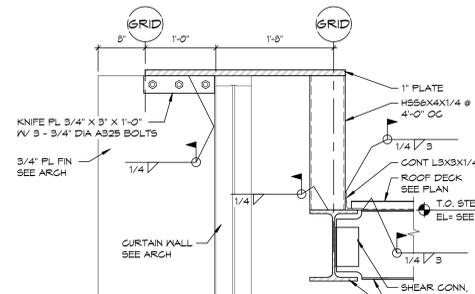
2 COMPOSITE DECK BEARING DETAIL
S402 1" = 1'-0"



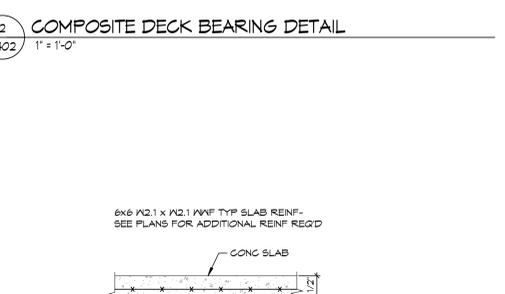
7 ROOF DECK BEARING DETAIL
S402 3/4" = 1'-0"



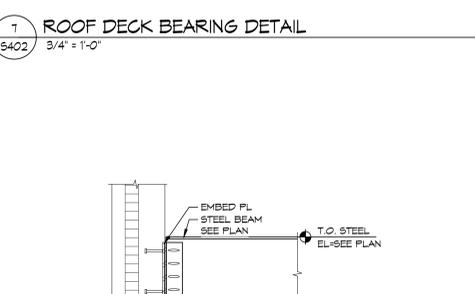
12 DECK BRG @ PC PANEL DETAIL
S402 1" = 1'-0"



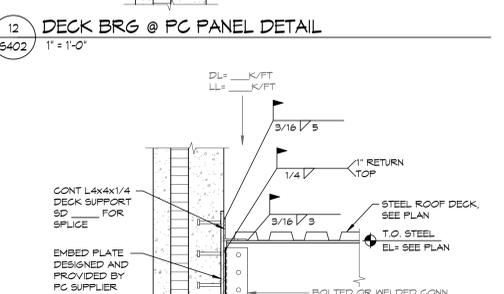
11 CURTAINWALL HEAD SUPPORT @ PLATE FIN DETAIL
S402 1" = 1'-0"



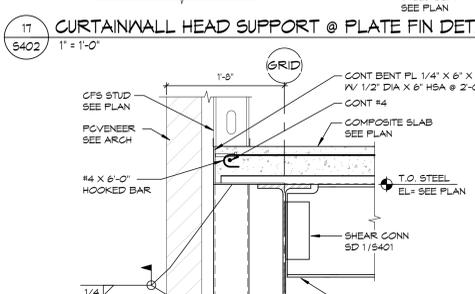
1 TYPICAL COMPOSITE SLAB DETAIL
S402 1" = 1'-0"



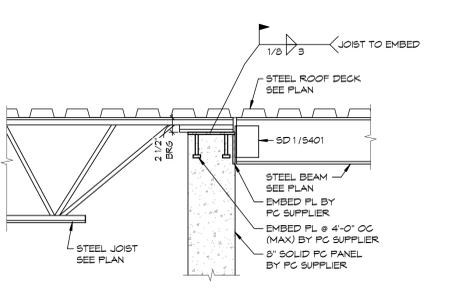
6 BEAM BEARING DETAIL
S402 3/4" = 1'-0"



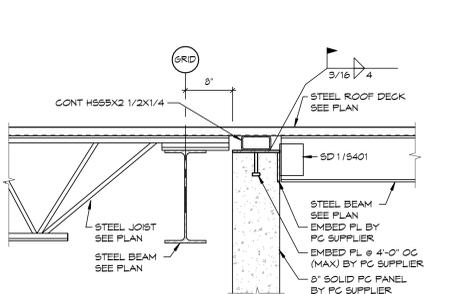
11 BEAM BRG @ PC PANEL DETAIL
S402 1" = 1'-0"



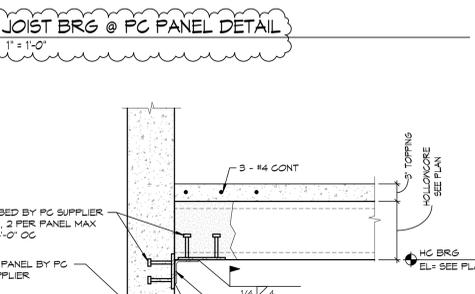
16 DECK EDGE BEARING @ PRECAST VENEER
S402 1" = 1'-0"



23 JOIST BRG @ PC PANEL DETAIL
S402 1" = 1'-0"



22 JOIST BRG @ PC PANEL DETAIL
S402 1" = 1'-0"



21 HOLLOWCORE BEARING DETAILS
S402 1" = 1'-0"



ADDENDUM

JLG 24146.01-5 Dunn County Public Safety Center

RE: addendum

Issued: November 13, 2025

ADDENDUM #: 03

NOTICE TO CONTRACTORS

This Addendum is prepared to supplement information presented in the Drawings and Project Manual dated October 21, 2025 for the above referenced project. All additions, changes, omissions and conditions listed herein shall become an integral part of the Contract Documents.

SPECIFICATIONS

- 1. 22 1005 Plumbing Piping
 - o Pressure washer piping shall be Schedule 40 stainless steel with threaded fittings.
- 2. 22 1006 Plumbing Piping Specialties
 - o Floor drain Trap Seals: Provide in evidence storage floor drains.
 - o Trap Primers: Omit from spec.
- 3. 22 1500 General Service Compressed Air
 - o 2.04 Type L copper is acceptable for compressed air pipe.
- 4. 22 4000 Plumbing Fixtures
 - o 2.11 Emergency Eye and Face Wash: Omit paragraph.
- 5. 23 1100 Facility Liquified Petroleum
 - o 2.03 Vaporizers:
 - Basis of Design: Algas 80/40H with 7,200 MBH vaporization capacity.
 - Provide battery powered re-igniter.
- 6. 23 2113 Hydronic Piping
 - o 2.02 Type L copper is acceptable for heating water piping above grade.
- 7. 23 7433 Dedicated Outdoor Air Units
 - o Add section in its entirety.

APPROVED EQUALS

The following products have been approved for use on this project. All approved products must still meet all product specifications as listed in the product specification section.

Section	Material ID or description	Basis of Design	Approved Equal
23 7416 – Packaged Outdoor Central Station AHUs	RTU-1, 2, 3, 4	AAON	Valent
23 7433 – Dedicated Outdoor Air Units	MAU – 1	Greenheck	Floaire, AbsolutAire
23 8200 – Convection Heating and Cooling Units	FC – 1	Price	ETI (Enviro-tec)

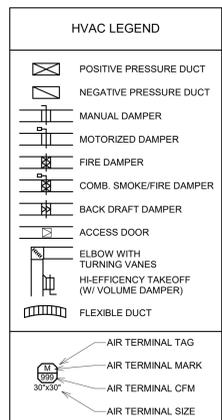
DRAWINGS

- 1. M302-MECHANICAL DRAWINGS
 - o DRAWING 1/M302:

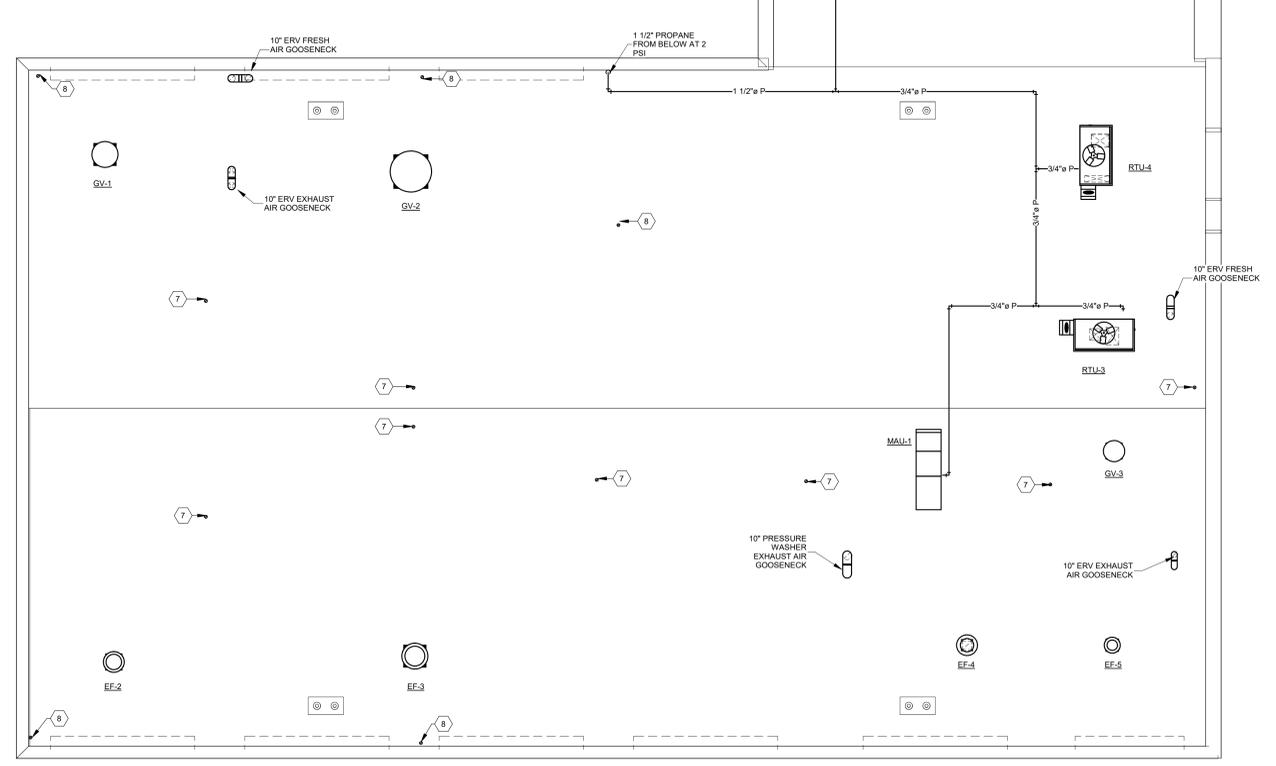
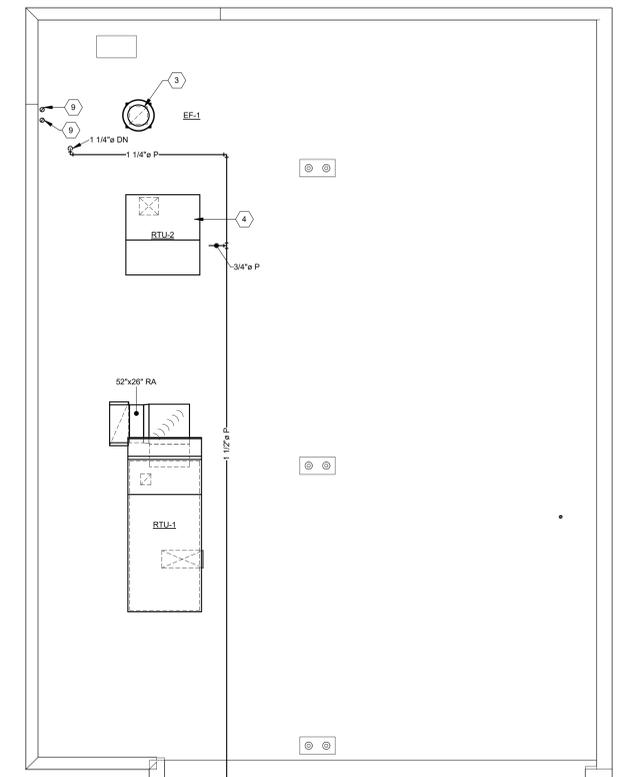
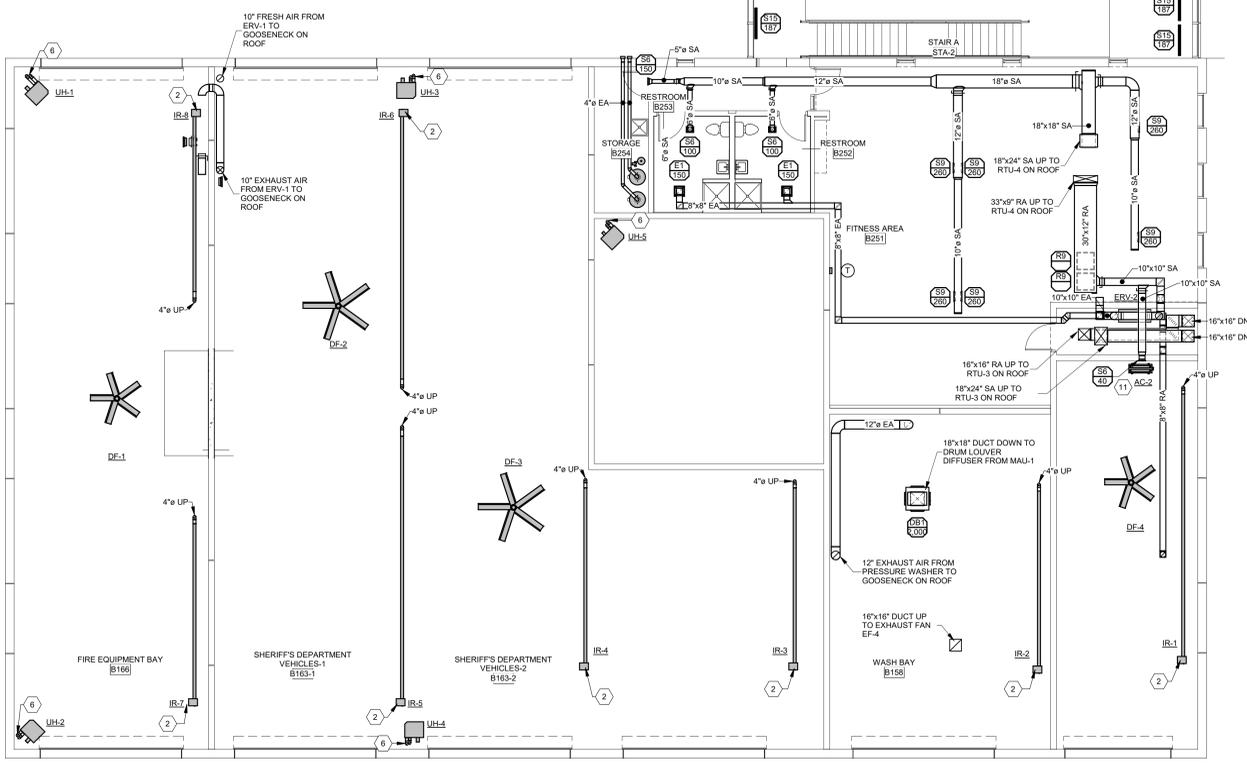
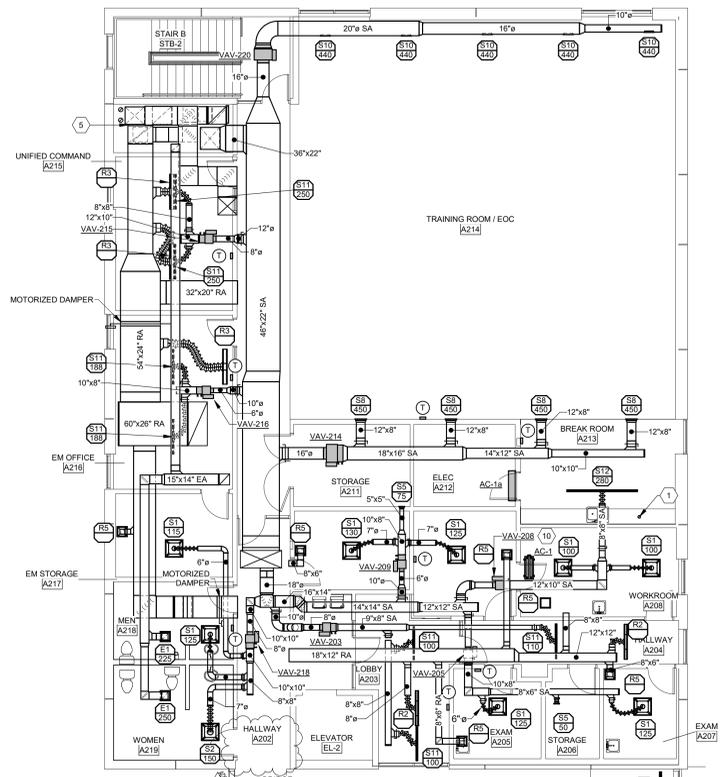
- Omit R-1 return grille in Hallway A202
 - Mount AC-1 on wall bracket above ceiling.
 - Mount AC-2 on wall bracket 8' above floor.
2. M401 – MECHANICAL DETAILS
 - DETAIL 9/M401: Added basis of design for domestic water tank.
 - DETAIL 19/M401: Provide drip pan under intake hoods.
 3. M402 – MECHANICAL DETAILS
 - DETAIL 15/M402: Omit air filter, regulator, and lubricator for each air drop.
 4. M403 – MECHANICAL DETAILS
 - DETAIL 2/M403: Install floor heat tubing on insulation in sand below concrete slab.
 - DETAIL 11/M403: Provide drip pan under roof exhaust fans.
 5. M405-MECHANICAL SCHEDULES
 - Air Terminal Schedule: Added note numbers
 - Glycol: Apply 30% glycol in lieu of 35% glycol on relevant schedules.

END OF ADDENDUM

NO.	DESCRIPTION	DATE
1	Addendum #1	11/29/25
2	Addendum #2	11/07/25
3	Addendum #3	11/13/25

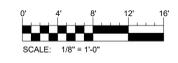


- KEYNOTE LEGEND**
- M.C. SHALL CONNECT TO RANGE HOOD PROVIDED BY OTHERS AND ROUT EXHAUST DUCT OUT ROOF. COORDINATE WITH G.C. ON FINAL HOOD LOCATION, DIMENSIONS AND CONNECTION SIZES.
 - RADIANT TUBE HEATERS TO BE INSTALLED UNDER BASE BID. HEATERS OMITTED UNDER ALTERNATE BID NO. 2.
 - EXHAUST FAN EF-1 TO BE INSTALLED UNDER ALTERNATE BID NO. 2. INSTALL FIRING RANGE EXHAUST DUCTWORK WITH FAN CURB AND INSULATED CAP UNDER BASE BID.
 - RTU-2 TO BE INSTALLED UNDER ALTERNATE BID NO. 2. INSTALL FIRING RANGE FRESH AIR DUCTWORK WITH INSULATED CAP ON ROOF UNDER BASE BID.
 - ALL DUCT CHASE DUCTWORK TO BE INSTALLED UNDER BASE BID. GUN RANGE DUCTWORK TO BE INSTALLED WITH INSULATED CAP UNDER BASE BID.
 - SUSPEND GAS UNIT HEATER FROM BUILDING STRUCTURE. ROUTE 4" COMBUSTION AIR AND EXHAUST FUE PIPING FROM UNIT HEATER TO THE CONCENTRIC VENT KIT SUPPLIED WITH THE UNIT HEATERS AND UP THROUGH ROOF OR WALL TO TERMINATION KIT. SEAL ALL BUILDING PENETRATIONS AIR AND WATER TIGHT AND PROVIDE ESCUTCHEONS AS REQUIRED.
 - IR VENTING. PROVIDE ROOF TERMINATION PER MANUFACTURER RECOMMENDATION.
 - UNIT HEATER VENT AND COMBUSTION AIR. INSTALL PER MANUFACTURER'S RECOMMENDATION.
 - BOILER VENT AND COMBUSTION AIR. INSTALL PER MANUFACTURER'S RECOMMENDATION.
 - MOUNT CONDENSING UNIT ON WALL STAND ABOVE CEILING.
 - MOUNT CONDENSING UNIT ON WALL STAND 8" ABOVE FLOOR.

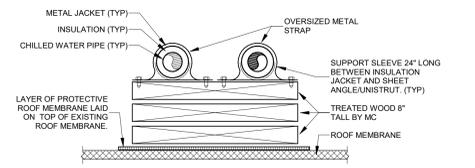


1 HVAC PLAN - LEVEL 2
1/8" = 1'-0"

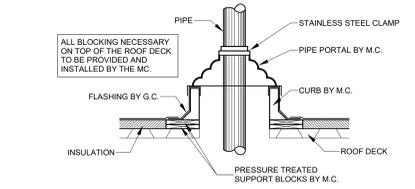
2 HVAC PLAN - ROOF
1/8" = 1'-0"



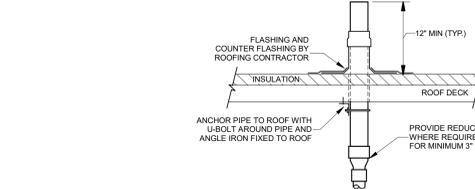
NO.	DESCRIPTION	DATE
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2	Addendum #2	11/13/25



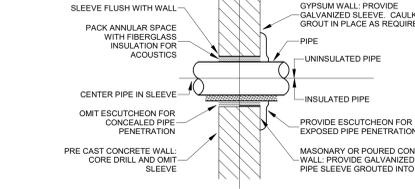
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ROOF PIPING SUPPORT DETAIL



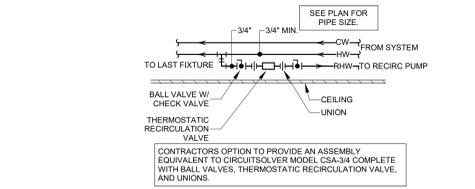
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PIPE PORTAL DETAIL



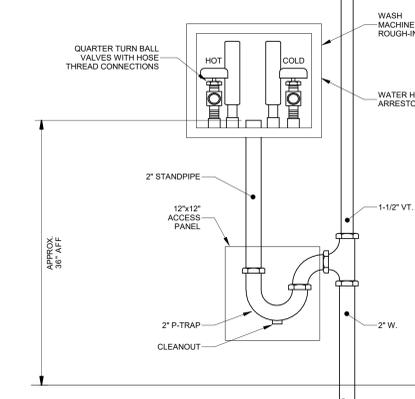
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M401
VENT THRU ROOF (VTR)



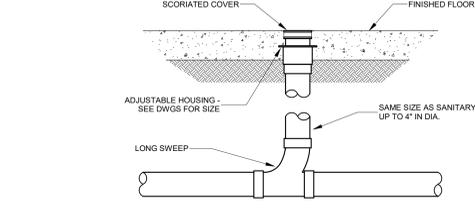
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PIPE PENETRATION OF NON-RATED WALL



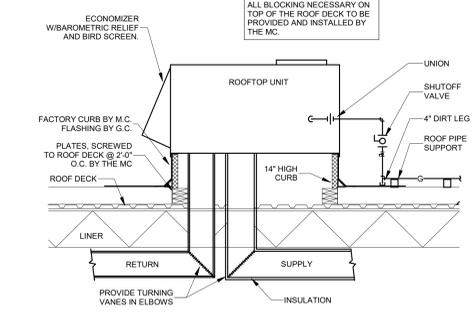
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M401
DOMESTIC RECIRC HOT WATER DETAIL



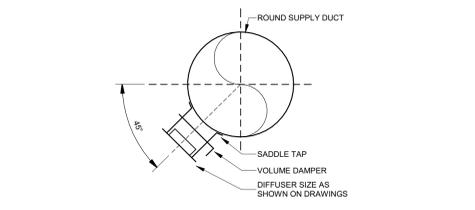
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M401
WASH MACHINE CONNECTION DETAIL



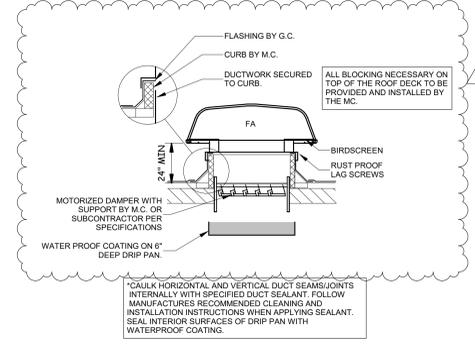
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M401
FLOOR CLEANOUT DETAIL



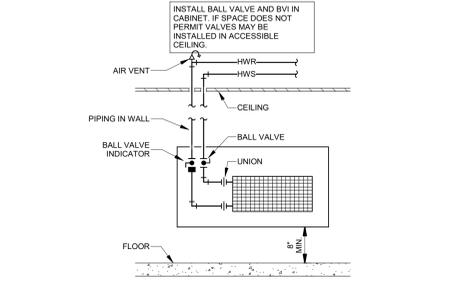
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ROOFTOP UNIT DETAIL



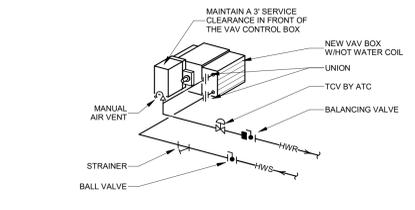
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SPIRAL DUCT



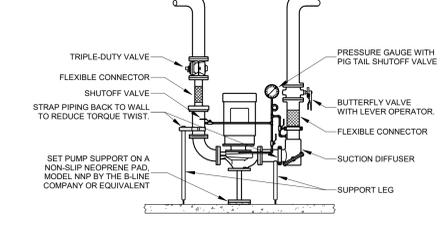
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INTAKE HOOD DETAIL



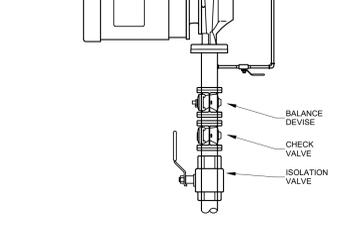
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CABINET UNIT HEATER PIPING DETAIL



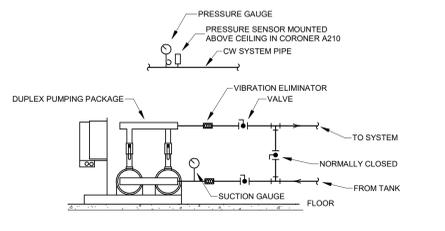
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M401
VAV W/ REHEAT PIPING DETAIL



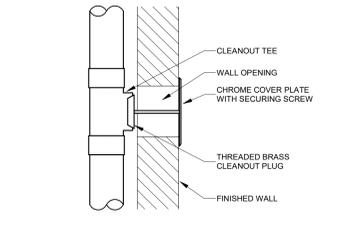
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M401
VERTICAL INLINE PUMP DETAIL



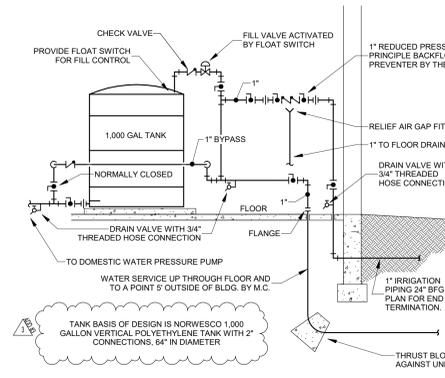
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INLINE PUMP DETAIL



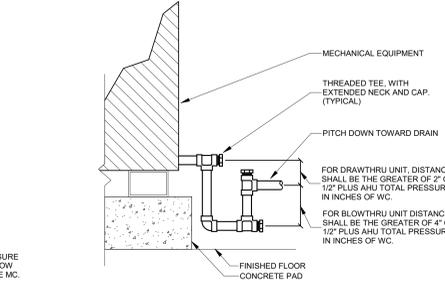
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DOMESTIC PRESSURE PUMP



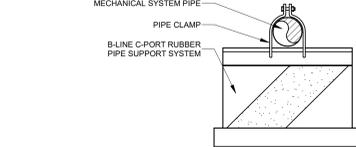
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WALL CLEANOUT DETAIL



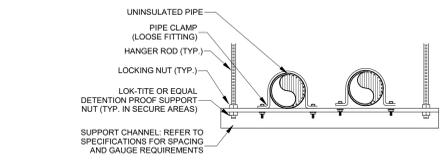
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M401
WATER SERVICE DETAIL



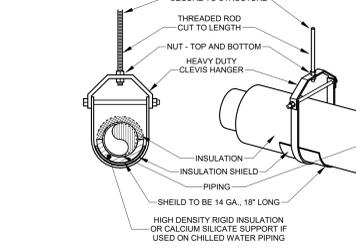
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M401
CONDENSATE TRAP DETAIL



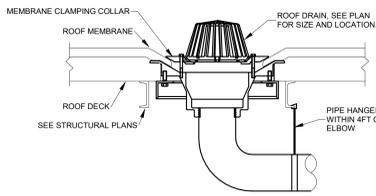
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M401
ROOF PIPING SUPPORT DETAIL



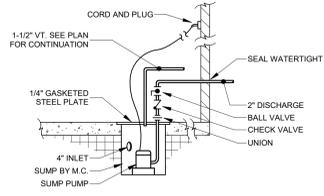
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M401
PIPE TRAPEZE HANGER DETAIL



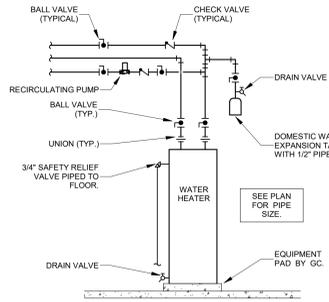
1
M401
PIPE HANGER DETAIL



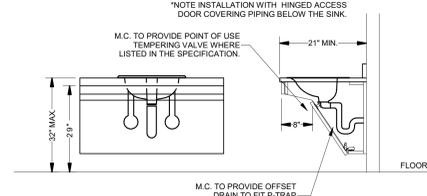
1 M402 NTS ROOF DRAIN DETAIL



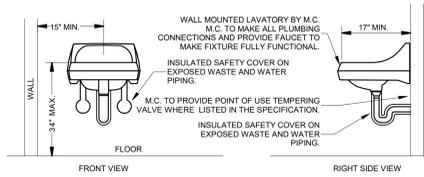
2 M402 NTS SUMP PUMP DETAIL



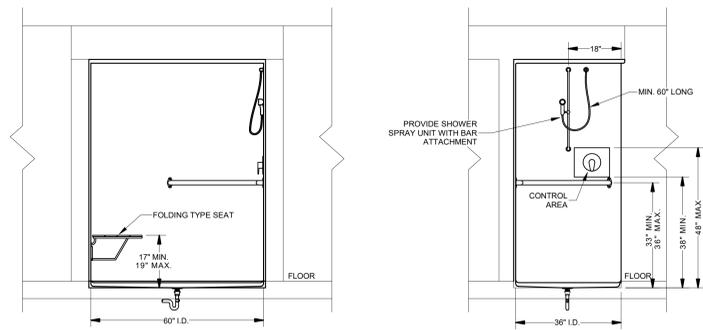
3 M402 NTS WATER HEATER PIPING DETAIL



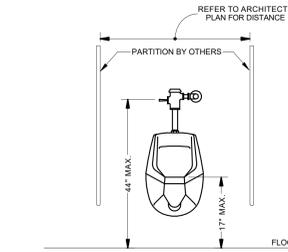
4 M402 NTS ADA LAVATORY DETAIL



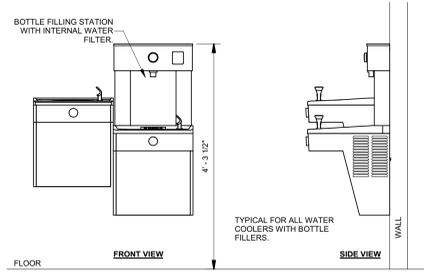
5 M402 NTS ADA LAVATORY DETAIL



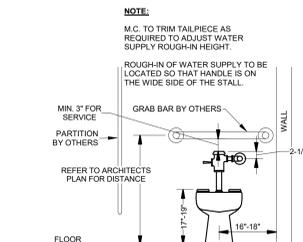
6 M402 NTS ADA SHOWER DETAIL



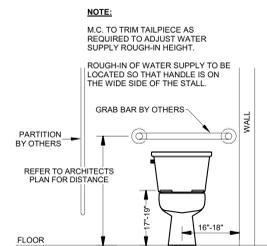
7 M402 NTS ADA URINAL DETAIL



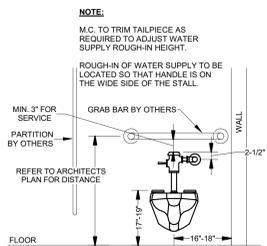
8 M402 NTS ADA WATER COOLER DETAIL



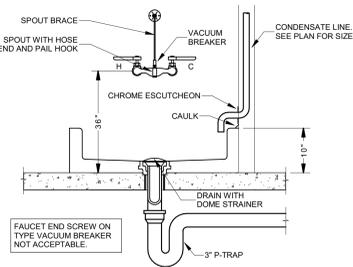
9 M402 NTS ADA WATER CLOSET DETAIL



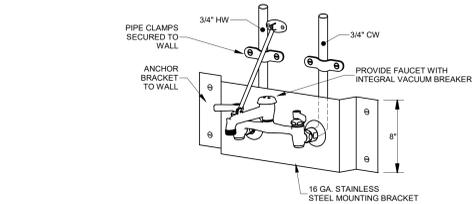
10 M402 NTS ADA WATER CLOSET DETAIL



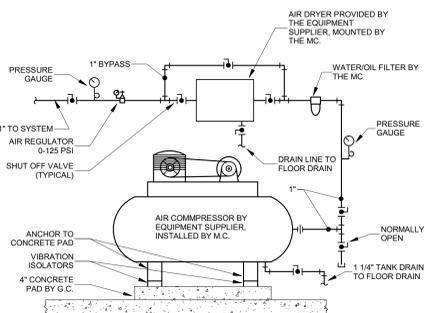
11 M402 NTS ADA WATER CLOSET DETAIL



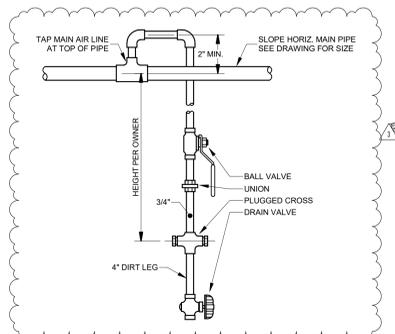
12 M402 NTS MOP SINK DETAIL



13 M402 NTS WALL FAUCET PAIL HOOK SUPPORT

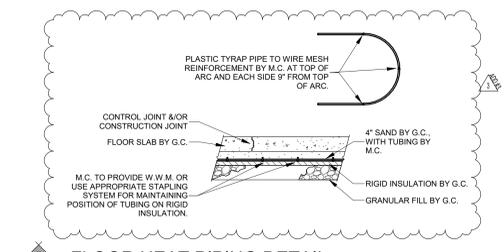


14 M402 NTS AIR COMPRESSOR PIPING DETAIL

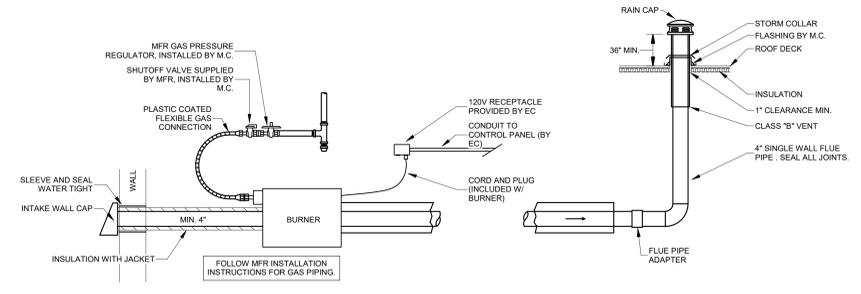


15 M402 NTS AIR DROP DETAIL

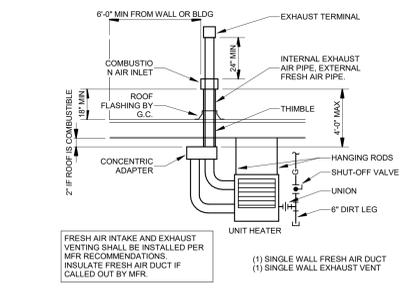
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2 FLOOR HEAT PIPING DETAIL
NTS



5 INFRARED HEATER DETAIL
NTS



8 UNIT HEATER DETAIL
NTS

KEYNOTE LEGEND

- 3/4" THREADED END FOR SYSTEM COLD WATER FILL. PROVIDE CAP.
- 4" CONCRETE HOUSEKEEPING PAD
- BOILER CIRCULATOR WIRED TO BOILER CONTROLLER.
- NEUTRALIZER KIT PROVIDED BY BOILER MFR. PIPE TO NEAREST FLOOR DRAIN.
- 50 PSI PRESSURE RELIEF VALVE PIPED TO FLOOR DRAIN.
- PRESSURE REDUCING VALVE SET TO 30 PSI
- COMBINATION AIR ELIMINATOR AND DIRT SEPARATOR EQUIVALENT TO SPIROVENT MODEL VDN 300. INCLUDE DRAIN TO REMOVE DIRT PARTICLES AND AUTOMATIC AIR VENT.

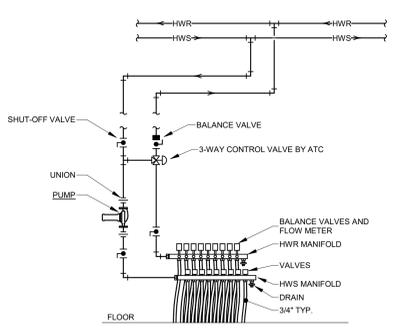
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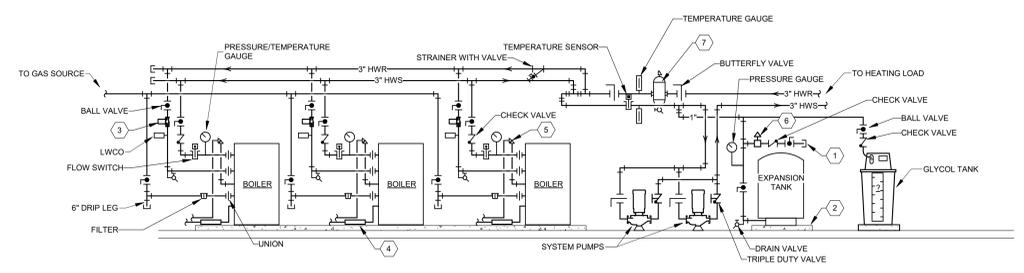
REGISTERED PROFESSIONAL ENGINEER
CALEB A. BULOW
PE 7110
DATE 10/21/25
NORTH DAKOTA

REVISION SCHEDULE

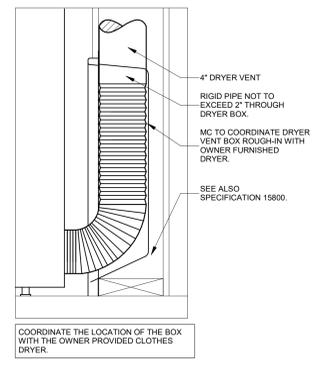
NO.	DESCRIPTION	DATE
1	Addendum #3	11/13/25



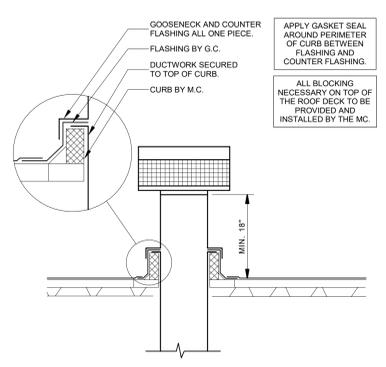
6 MANIFOLD DETAIL
NTS



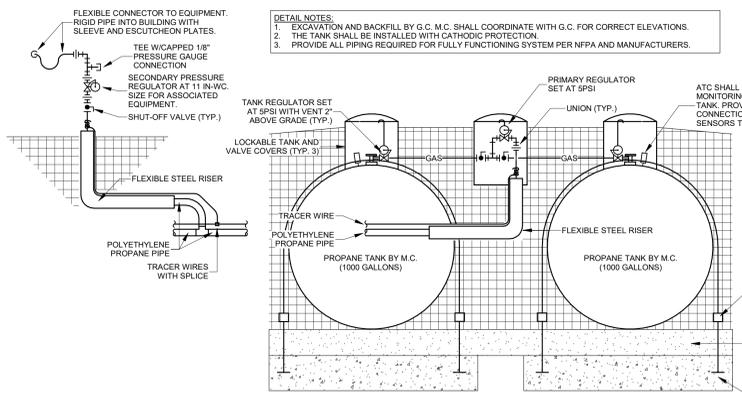
4 BOILER PIPING SCHEMATIC
NTS



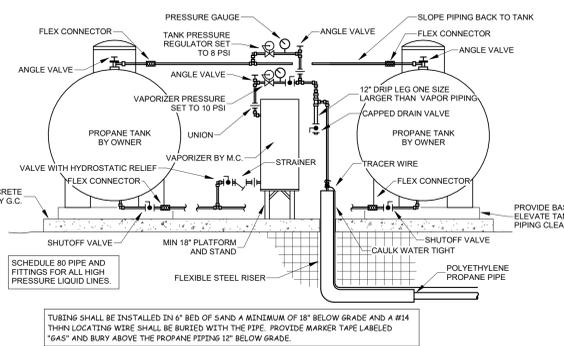
7 DRYER VENT BOX DETAIL
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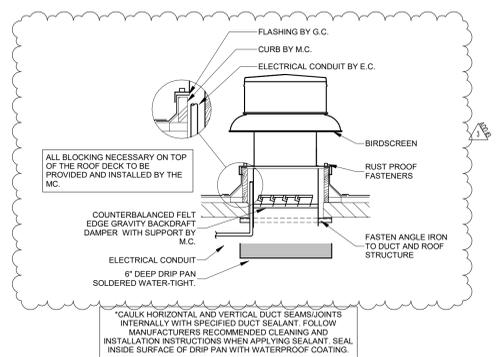
10 VENT CAP DETAIL
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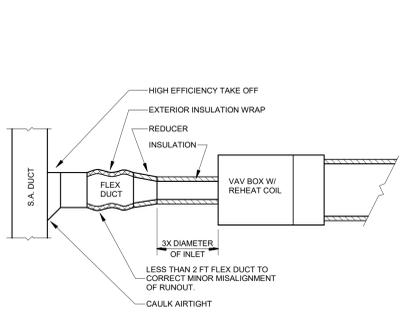
3 UNDERGROUND LP TANK - ALT NO 9
NTS



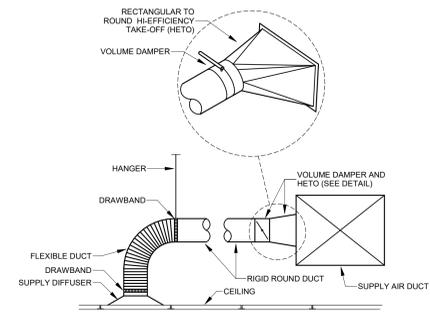
1 PROPANE TANK AND VAPORIZER PIPING DETAIL
NTS



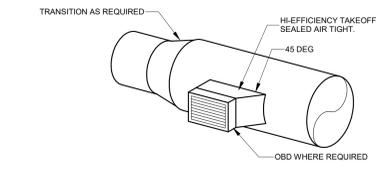
11 ROOF FAN DETAIL
NTS



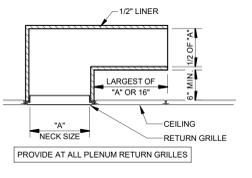
9 VAV BOX DUCT DETAIL
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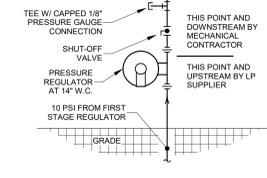
12 TYPICAL DIFFUSER CONNECTIONS
NTS



13 TYPICAL DUCT MOUNTED GRILLE
NTS



14 TYPICAL SOUND BOOT
NTS



15 GAS METER DETAIL
NTS

DUNN COUNTY
PUBLIC SAFETY CENTER
MANNING, ND

DATE 10/21/25
PHASE CONSTRUCTION DOCUMENTS
PROJECT PE 25028
SHEET **M403**
MECHANICAL DETAILS

Prairie Engineering P.C.
Professional Consulting Engineers
Minn, ND 58701 | 701.852.6363

11/20/2025 2:26:07 AM

MARK	MANUFACTURER	MODEL	SUPPLY FAN				OPERATING WEIGHT	HEATING				COOLING				ELECTRICAL				NOTES				
			SUPPLY	ESP	FRESH AIR	MOTOR HP		INPUT	OUTPUT	EAT	LAT	SENSIBLE	TOTAL CAP	EAT	LAT	EER	IEER	SCCR	MCA		MOP	VOLT	PH	Hz
RTU-1	AAON	RN-031-3-0-GAAC-V0-21-000-A	13,500 CFM	2.5 in-wg	1,350 CFM	20 hp	6,800 lb	0 Btu/h	0 Btu/h	0 °F	0 °F	309,700 Btu/h	340,900 Btu/h	75 °F	54 °F	10.6	13.5	65000 A	213 A	250 A	208 V	3	60 Hz	1, 2
RTU-2	AAON	RNA-019-G-A	4,700 CFM	0.65 in-wg	4,700 CFM	3 hp	2,700 lb	540,000 Btu/h	437,400 Btu/h	-20 °F	65 °F	206,800 Btu/h	208,300 Btu/h	95 °F	54 °F	11.9	15.7	10000 A	81 A	110 A	208 V	3	60 Hz	1, 3
RTU-3	Axon, Inc.	RQ-004-3-0-FAAY-S0-21-100-A	2,000 CFM	1 in-wg	200 CFM	2 hp	925 lb	100,000 Btu/h	81,000 Btu/h	65 °F	102 °F	45,600 Btu/h	48,000 Btu/h	77 °F	58 °F	11.65	14.5	10000 A	25 A	35 A	208 V	3	60 Hz	1
RTU-4	Axon, Inc.	RQ-005-3-0-FAAY-S0-21-100-A	2,000 CFM	1 in-wg	200 CFM	2 hp	940 lb	100,000 Btu/h	81,000 Btu/h	65 °F	102 °F	48,800 Btu/h	55,500 Btu/h	77 °F	56 °F	11.45	14.1	10000 A	28 A	40 A	208 V	3	60 Hz	1

NOTES:

- PROVIDE 18" ROOF CURB
- VAV RTU WITH COOLING ONLY, NO HEATING. PROVIDE SEPARATE AIR STREAM FOR EXHAUST AIR FROM TOILET ROOMS.
- RTU WITH HEATING AND COOLING, 100% OA

FIRING RANGE AIR HANDLER											
TAG	MANUF.	MODEL	SYSTEM	FAN				ELECTRICAL		NOTES	
				TYPE	AIRFLOW	ESP	HP	VOLT	PH		Hz
AH-1	DAIKIN	CAH043GVGM	FIRING RANGE	CONSTANT VOLUME	15,500 CFM	0.75 in-wg	3.5 hp	208 V	3	60 Hz	1

NOTES:

- PROVIDE SEPARATE AIR PATH FOR 300 CFM EXHAUST AIR STREAM FROM TOILET ROOMS
- NOT USED

RTU ENERGY WHEEL SECTION SCHEDULE										
MARK	AIRFLOW	SUMMER		WINTER		EFFECTIVENESS		TOTAL		NOTES
		EAT	LAT	EAT	LAT	SUMMER	WINTER	TOTAL	TOTAL	
RTU-1	1,500 CFM	95 °F	77 °F	-20 °F	65 °F	80.9%	89.9%	86.8%	1, 2	

SCHEDULE NOTES:

- PROVIDE MOUNTING HARDWARE, ISOLATION DEVICES, FRAME WORK FOR SUSPENDED INSTALLATION
- PROVIDE 16" CURB FOR MOUNTING FAN ON ROOF
- PROVIDE FACTORY DISCONNECT

FAN SCHEDULE																
MARK	MANUFACTURER	MODEL	SYSTEM	TYPE	AIRFLOW				SPEED CONTROL		ELECTRICAL				NOTES	
					UPBLAST	AIRFLOW	ESP	HP	RPM	BHP	HP	MCA	MOP	VOLT		PH
EF-1	GREENHECK	CUBE-220HP	FIRING RANGE	UPBLAST	4,700 CFM	1.5 in-wg	1100	SHEAVE	2.2 hp	3 hp	13 A	20 A	208 V	3	60 Hz	2
EF-2	GREENHECK	G-140-VG	BAY EXHAUST	ROOF EXHAUST	1,250 CFM	0.25 in-wg	848	DIAL	0.1 hp	0.25 hp	5 A	15 A	115 V	1	60 Hz	2
EF-3	GREENHECK	G-180-VG	BAY EXHAUST	ROOF EXHAUST	3,100 CFM	0.25 in-wg	880	DIAL	0.4 hp	0.75 hp	13 A	20 A	115 V	1	60 Hz	2
EF-4	GREENHECK	G-130-VG	BAY EXHAUST	ROOF EXHAUST	2,000 CFM	0.5 in-wg	1633	DIAL	0.45 hp	0.75 hp	13 A	20 A	115 V	1	60 Hz	2
EF-5	GREENHECK	G-095-VG	BAY EXHAUST	ROOF EXHAUST	535 CFM	0.25 in-wg	1300	DIAL	0.1 hp	0.1 hp	4 A	15 A	115 V	1	60 Hz	2

SCHEDULE NOTES:

- PROVIDE ROOF CURB
- PROVIDE 1/2" SQUARE MESH, 16 GA. BIRDSCREEN
- MOUNT MOTORIZED DAMPER BY ATC

INTAKE HOOD SCHEDULE											
MARK	MANUFACTURER	MODEL	AIR FLOW	THROAT DIAMETER	APD	THROAT VELOCITY	ELECTRICAL				NOTES
							VOLT	PH	Hz	NOTES	
GV-1	GREENHECK	GRSI-20	1,240 CFM	30"	0.05 in-wg	550 FPM	120 V	1	60 Hz	1, 2, 3	
GV-2	GREENHECK	GRSI-36	3,098 CFM	36"	0.05 in-wg	430 FPM	120 V	1	60 Hz	1, 2, 3	
GV-3	GREENHECK	GRSI-15	535 CFM	15"	0.05 in-wg	480 FPM	120 V	1	60 Hz	1, 2, 3	

NOTES:

- PROVIDE MFR RECOMMENDED VENT CAP
- PROVIDE VAV CONTROLS WITH RADIANT SENSING THERMOSTAT.
- SINGLE-STAGE COMBINATION GAS VALVE
- TWO-STAGE COMBINATION GAS VALVE
- ALUMINIZED STEEL REFLECTORS THAT RELYING FOR CONTINUOUS REFLECTOR SYSTEM.
- PROVIDE OUTDOOR COMBUSTION AIR INLET KIT.

RADIANT TUBULAR HEATERS											
MARK	MANUFACTURER	MODEL	LENGTH	FUEL TYPE	PRESSURE	HEATING INPUT	ELECTRICAL				NOTES
							VOLT	PH	Hz	NOTES	
IR-1	MODINE	IPT-50	30'	LP	11 in-wg	60,000 Btu/h	120 V	1	60 Hz	1, 2, 3, 5, 6	
IR-2	MODINE	IPT-50	20'	LP	11 in-wg	50,000 Btu/h	120 V	1	60 Hz	1, 2, 3, 5, 6	
IR-3	MODINE	IPT-50	20'	LP	11 in-wg	50,000 Btu/h	120 V	1	60 Hz	1, 2, 3, 5, 6	
IR-4	MODINE	IPT-50	20'	LP	11 in-wg	50,000 Btu/h	120 V	1	60 Hz	1, 2, 3, 5, 6	
IR-5	MODINE	IPT-50	30'	LP	11 in-wg	60,000 Btu/h	120 V	1	60 Hz	1, 2, 3, 5, 6	
IR-6	MODINE	IPT-50	30'	LP	11 in-wg	60,000 Btu/h	120 V	1	60 Hz	1, 2, 3, 5, 6	
IR-7	MODINE	IPT-50	20'	LP	11 in-wg	50,000 Btu/h	120 V	1	60 Hz	1, 2, 3, 5, 6	
IR-8	MODINE	IPT-50	20'	LP	11 in-wg	50,000 Btu/h	120 V	1	60 Hz	1, 2, 3, 5, 6	

SCHEDULE NOTES:

- NOT USED

238000 - UNIT HEATER - HYDRONIC																	
MARK	MANUFACTURER	MODEL	THROW DIRECTION	HEATING CAPACITY	AIR SIDE				WATER SIDE				ELECTRICAL				NOTES
					FLOW	EAT	LAT	FLUID	FLOW	WPD	EWT	MOTOR HP	VOLT	PH	Hz		
UH-6	MODINE	HSB 47S	HORIZONTAL	30,900 Btu/h	730 CFM	65 °F	87 °F	35% EG	3.2 GPM	0.4 RH2O	140 °F	0.09 hp	115 V	1	60 Hz	1	
UH-7	MODINE	HSB 24S	HORIZONTAL	16,200 Btu/h	370 CFM	65 °F	87 °F	35% EG	1.7 GPM	0.8 RH2O	140 °F	0.04 hp	115 V	1	60 Hz	1	
UH-8	MODINE	HSB 24S	HORIZONTAL	16,200 Btu/h	370 CFM	65 °F	87 °F	35% EG	1.7 GPM	0.8 RH2O	140 °F	0.04 hp	115 V	1	60 Hz	1	

SCHEDULE NOTES:

- NOT USED

233000 - HW REHEAT VAV SCHEDULE														
MARK	MANUFACTURER	MODEL	SIZE	AIRFLOW				HOT WATER COIL				NOTES		
				CLG. MAX	CLG. MIN	HEATING	APD	ROWS	CAP	GPM	EWT		EAT	LAT
VAV-004	Titus HVAC	DESV	Size 08	400 CFM	120 CFM	320 CFM	0.2 in-wg	2	13,900 Btu/h	0.8 GPM	170 °F	55 °F	95 °F	1 RH2O
VAV-008	Titus HVAC	DESV	Size 10	700 CFM	210 CFM	560 CFM	0.2 in-wg	2	24,250 Btu/h	1.5 GPM	170 °F	55 °F	95 °F	1 RH2O
VAV-101	Titus HVAC	DESV	Size 10	750 CFM	225 CFM	750 CFM	0.2 in-wg	2	45,250 Btu/h	2.7 GPM	170 °F	55 °F	110 °F	1 RH2O
VAV-102	Titus HVAC	DESV	Size 10	750 CFM	225 CFM	750 CFM	0.2 in-wg	2	45,250 Btu/h	2.7 GPM	170 °F	55 °F	110 °F	1 RH2O
VAV-103	Titus HVAC	DESV	Size 08	500 CFM	150 CFM	400 CFM	0.2 in-wg	2	21,660 Btu/h	1.3 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-104	Titus HVAC	DESV	Size 08	200 CFM	60 CFM	160 CFM	0.2 in-wg	2	6,925 Btu/h	0.4 GPM	170 °F	55 °F	95 °F	1 RH2O
VAV-105	Titus HVAC	DESV	Size 08	450 CFM	135 CFM	360 CFM	0.2 in-wg	2	19,500 Btu/h	1.2 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-109	Titus HVAC	DESV	Size 08	650 CFM	195 CFM	520 CFM	0.2 in-wg	2	25,350 Btu/h	1.5 GPM	170 °F	55 °F	100 °F	1 RH2O
VAV-107	Titus HVAC	DESV	Size 10	725 CFM	225 CFM	600 CFM	0.2 in-wg	2	23,000 Btu/h	1.6 GPM	170 °F	55 °F	95 °F	1 RH2O
VAV-108	Titus HVAC	DESV	Size 08	400 CFM	120 CFM	320 CFM	0.2 in-wg	2	17,330 Btu/h	1 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-110	Titus HVAC	DESV	Size 08	350 CFM	105 CFM	280 CFM	0.2 in-wg	2	15,160 Btu/h	0.9 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-120	Titus HVAC	DESV	Size 06	325 CFM	100 CFM	260 CFM	0.2 in-wg	2	15,000 Btu/h	0.9 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-121	Titus HVAC	DESV	Size 05	225 CFM	75 CFM	180 CFM	0.2 in-wg	2	10,500 Btu/h	0.6 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-122	Titus HVAC	DESV	Size 08	500 CFM	150 CFM	400 CFM	0.2 in-wg	2	21,660 Btu/h	1.3 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-123	Titus HVAC	DESV	Size 06	350 CFM	105 CFM	280 CFM	0.2 in-wg	2	15,175 Btu/h	0.9 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-203	Titus HVAC	DESV	Size 08	400 CFM	120 CFM	320 CFM	0.1 in-wg	2	15,600 Btu/h	0.9 GPM	170 °F	55 °F	95 °F	1 RH2O
VAV-205	Titus HVAC	DESV	Size 08	400 CFM	120 CFM	320 CFM	0.1 in-wg	2	15,600 Btu/h	0.9 GPM	170 °F	55 °F	95 °F	1 RH2O
VAV-208	Titus HVAC	DESV	Size 08	450 CFM	135 CFM	360 CFM	0.15 in-wg	2	19,500 Btu/h	1.2 GPM	170 °F	55 °F	95 °F	1 RH2O
VAV-209	Titus HVAC	DESV	Size 08	350 CFM	105 CFM	280 CFM	0.1 in-wg	2	12,150 Btu/h	0.7 GPM	170 °F	55 °F	95 °F	1 RH2O
VAV-214	Titus HVAC	DESV	Size 16	1800 CFM	540 CFM	1440 CFM	0.28 in-wg	3	78,100 Btu/h	5.3 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-215	Titus HVAC	DESV	Size 08	550 CFM	165 CFM	420 CFM	0.15 in-wg	2	16,700 Btu/h	1 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-216	Titus HVAC	DESV	Size 08	375 CFM	112 CFM	300 CFM	0.2 in-wg	2	18,245 Btu/h	1 GPM	170 °F	55 °F	105 °F	1 RH2O
VAV-218	Titus HVAC	DESV	Size 08	400 CFM	120 CFM	320 CFM	0.15 in-wg	2	17,328 Btu/h	1 GPM	170 °F	55 °F	95 °F	1 RH2O
VAV-220	Titus HVAC	VCCF	Size 40	2200 CFM			0.28 in-wg				170 °F	55 °F	95 °F	1 RH2O

SCHEDULE NOTES:

- 3-SPEED MOTOR

FAN COIL SCHEDULE										
TAG	MANUFACTURER	MODEL	AIRFLOW	ESP	MOTOR HP	ELECTRICAL		NOTES		
						MCA	VOLT			
FC-1	PRICE INDUSTRIES	FCHP 04	350 CFM	0.3 in-wg	0.25 hp	3 A	120 V	1	60 Hz	1

SCHEDULE NOTES:

- NOT USED

FC HW COIL SECTION											
EQUIP	HEATING CAPACITY	COIL ROWS	AIR SIDE			WATER SIDE				NOTES	
			FLOW	EAT	LAT	FLUID	FLOW	WPD	EWT		LWT
FC-1	24,000 Btu/h	2	350 CFM	70 °F	120 °F	35% EG	1 GPM	0.5 FT	180 °F	140 °F	1

SCHEDULE NOTES:

- NOT USED

232100 - FLOOR HEAT MANIFOLD SCHEDULE									
MARK	PIPE LOOP CHARACTERISTICS				FLUID CHARACTERISTICS				NOTES
	MAX LENGTH	NUMBER	PIPE ID	SPACING	TYPE	TOTAL FLOW	FLOW PER LOOP	WPD	
M-1	300'	6	0" - 0.5/8"	1" - 0"	30% E.G.	7.4 GPM	1.2 GPM	7.2 RH2O	
M-2	300'	6	0" - 0.5/8"	1" - 0"	30% E.G.	7.4 GPM	1.2 GPM	8.1 RH2O	
M-3	300'	6	0" - 0.5/8"	1" - 0"	30% E.G.	7.4 GPM	1.2 GPM	8.1 RH2O	
M-4	300'	3	0" - 0.5/8"	1" - 0"	30% E.G.	3.7 GPM	1.2 GPM	8.1 RH2O	
M-5	300'	3	0" - 0.5/8"	1" - 0"	30% E.G.	3.7 GPM	1.2 GPM	2.9 RH2O	
M-6	350'	3	0" - 0.5/8"	1" - 0"	30% E.G.	3.7 GPM	1.2 GPM	4.5 RH2O	

SCHEDULE NOTES:

- EXTRUDED ALUMINUM AIRFLOW BLADES WITH PROTECTIVE FINISH
- PROVIDE MOUNTING HARDWARE WITH SAFETY RESTRAINT SYSTEM
- COLOR SELECTED BY ARCHITECT
- HIGH EFFICIENCY DIRECT DRIVE MOTOR WITH FACTORY WIRED VFD
- PROVIDE WALL MOUNTED CONTROLLER FOR EACH ZONE

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SECTION 23 7433 - DEDICATED OUTDOOR AIR UNITS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Make-up Air Units.

1.02 RELATED REQUIREMENTS

- A. Section 25 1500 - Integrated Automation Software: BAS, BMS, or SCADA.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data with dimensions, duct and service connections, accessories, controls, electrical nameplate data, and wiring diagrams.
- C. Shop Drawings: Indicate dimensions, duct and service connections, accessories, controls, electrical nameplate data, and wiring diagrams.
- D. Manufacturer's Instructions: Indicate rigging, assembly, and installation instructions.
- E. Operation And Maintenance Data: Include manufacturer's descriptive literature, operating instructions, installation instructions, maintenance and repair data, and parts listing.
- F. Warranty: Submit manufacturers warranty and ensure forms have been filled out in Owner's name and registered with manufacturer.

1.04 WARRANTY

- A. See Section 01 7800 - Closeout Submittals for additional warranty requirements.
- B. Manufacturer's standard form in which manufacturer agrees to repair or replace components that fail in materials or workmanship within specified period.
 - 1. Warranty Period: Not less than one year from the date of Substantial Completion.

PART 2 PRODUCTS

2.01 MAKE-UP AIR UNITS

- A. Description: Factory-assembled, prewired, self-contained unit consisting of cabinet, supply fan, controls, and direct-fired furnace to be installed outside the building.
 - 1. Kitchen make-up air unit and kitchen range exhaust hood shall be by same manufacturer.
- B. Manufacturers:
 - 1. ARES; Mars Air Products.
 - 2. Captive-Air Systems, Inc.
 - 3. Grease Master.
 - 4. Greenheck.
 - 5. Modine Mfg. Co.; Commercial HVAC&R Division.
 - 6. Reznor-Thomas & Betts Corporation; Mechanical Products Division.
 - 7. Weather-Rite, Inc.
 - 8. Substitutions: See Section 23 0500 - HVAC General Provisions.
- C. Cabinet: Single-wall galvanized-steel panels, formed to ensure rigidity and supported by galvanized-steel channels or structural channel supports with lifting lugs.
 - 1. Cabinet shall be fully weatherized for outside installation.

2. Access Panels: For furnace and fan motor assemblies on both sides of unit.
 3. Internal Insulation: Minimum 1 inch thick fibrous-glass duct lining, comply with ASTM C 1071, Type II, applied on complete unit.
 4. Finish: Heat-resistant, baked enamel.
 5. Non-Ducted Discharge: Galvanized-steel assembly with diffusers incorporating individually adjustable vanes.
- D. Supply-Air Fan: Centrifugal, rated according to AMCA 210; statically and dynamically balanced, galvanized steel; mounted on solid-steel shaft with heavy-duty, self-aligning, permanently lubricated ball bearings or pillow-block bearings rated for L-50 or 200,000 hours with external grease fittings.
1. Motor: Open dripproof or totally enclosed, single-speed motor.
 2. Drive: V-belt drive with matching fan pulley and adjustable motor sheaves and belt assembly.
 3. Mounting: Fan wheel, motor, and drives shall be mounted in fan casing with elastomeric or spring isolators.
- E. Outdoor-air Intake: Galvanized steel with 45-degree angle bird screen, and finish to match cabinet; and sized to supply maximum 100 percent outdoor air.
- F. Filters: Washable.
- G. Dampers:
1. Outdoor-Air and Return-Air Damper: Galvanized-steel, opposed-blade dampers with vinyl blade seals and stainless-steel jamb seals, having a maximum leakage of 10 cfm/sq. ft. of damper area, at differential pressure of 2-inch wg.
 2. Damper Operators: Direct coupled, electronic with spring return or fully modulating as required by the control sequence.
- H. Direct-Fired Furnace: Description: Factory assembled, piped, and wired; and complying with ANSI Z83.4, "Direct Gas-Fired Make-Up Air Heaters"; ANSI Z83.18, "Direct Gas-Fired Industrial Air Heaters"; and NFPA 54, "National Fuel Gas Code."
1. Burners: Cast-iron burner with stainless-steel mixing plates; gas control valve as scheduled; Electrically ignited by hot-surface ceramic or direct spark igniter.
 2. Safety Controls:
 - a. Gas Manifold: Safety switches and controls to comply with ANSI standards.
 - b. Purge-Period Timer: Automatically delays burner ignition and bypasses low-limit control.
 - c. Airflow Proving Switch: Dual pressure switch senses correct airflow before energizing pilot and requires airflow to be maintained within minimum and maximum pressure settings across burner.
 - d. Manual-Reset, High-Limit Control Device: Stops burner and closes main gas valve if high-limit temperature is exceeded.
 - e. Gas Train: Regulated, redundant, 24 VAC gas valve assembly containing pilot solenoid valve, modulating temperature control valve, pilot filter, pressure regulator, pilot shutoff, and manual shutoff all in one body.
 - f. Safety Lockout Switch: Locks out ignition sequence if burner fails to light after three tries. Controls are reset manually by turning the unit off and on.
 - g. Control Transformer: Integrally mounted 24 VAC. Minimum 50 VA, or as coordinated with the Division 230900 contractor for their requirements to be met + 10% capacity.
- I. Controls: Factory-wired, fuse-protected control transformer, connection for power supply with low voltage terminal for control by others.

1. Provide following contacts at minimum: Supply fan start/stop, damper open/close, furnace modulation, and furnace on/off.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Connect drain pan outlet to nearest building drain system piping.
- C. Adjusting: Use plenum static pressure readings against manufacturer calibration chart to adjust primary airflow as other measuring methods will not work.
- D. Coordinate BAS, BMS, or Integrated Automation linking between unit controller(s) and remote front-end interface; see Section 25 1500.

3.02 MAU INSTALLATION

- A. Install gas-fired units according to NFPA 54, "National Fuel Gas Code."
- B. Install and secure MAU's on roof curbs, and coordinate roof penetrations and flashing with roof construction.
- C. Install suspended units from spring hangers with minimum 1-inch static deflection.
- D. Install floor-mounted units on concrete house-keeping pads and spring isolators with minimum 1-inch static deflection.
- E. Install controls and equipment shipped by manufacturer for field installation with MAUs.
- F. Piping Connections: Drawings indicate general arrangement of piping, fittings, and specialties. Install piping adjacent to machine to allow service and maintenance.
- G. Connect duct to MAUs with flexible duct connectors.
- H. Change filters at completion of work before test and balance.

END OF SECTION



ADDENDUM

PE 25028 Dunn County Public Safety Center

RE: addendum

Issued: November 13, 2025

ADDENDUM #: E3

NOTICE TO CONTRACTORS

This Addendum is prepared to supplement information presented in the Drawings and Project Manual dated October 21, 2025 for the above referenced project. All additions, changes, omissions and conditions listed herein shall become an integral part of the Contract Documents.

PROCUREMENT AND CONTRACTING REQUIREMENTS

SPECIFICATIONS

APPROVED EQUALS

The following products have been approved for use on this project. All approved products must still meet all product specifications as listed in the product specification section.

DRAWINGS

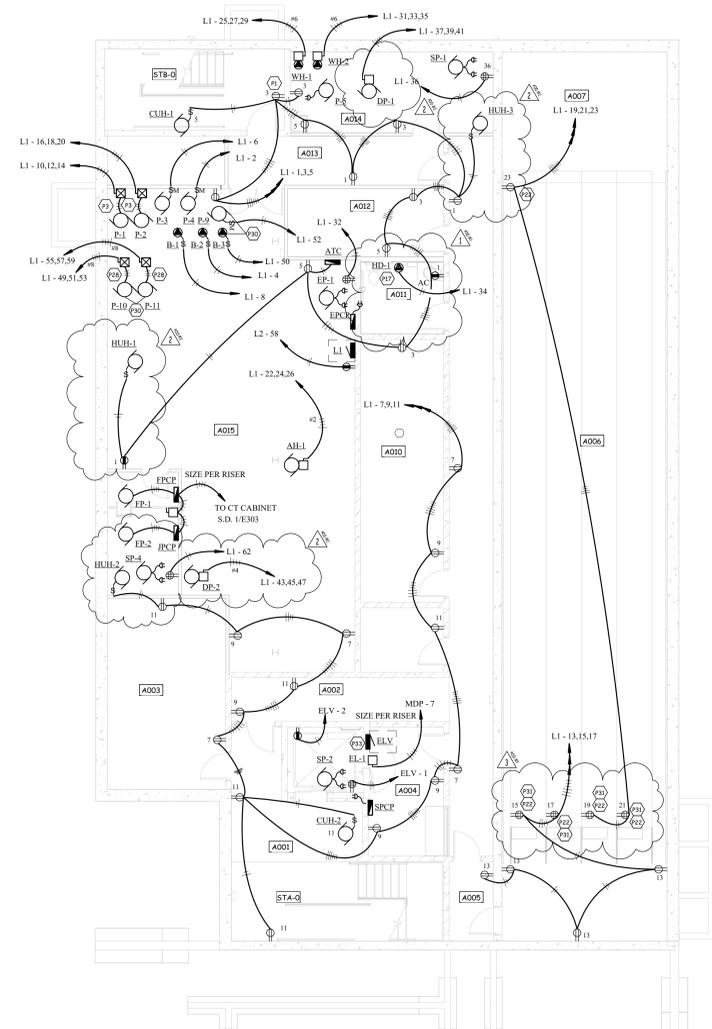
1. E300 – BASEMENT POWER PLAN
 - o Drawing 1/E300: Updated receptacles for the firing range to double duplex.
2. E301 – LEVEL 1 POWER PLAN
 - o Drawing 1/E301: Added keynotes to devices in precast wall.
3. E400 – BASEMENT SYSTEMS PLAN
 - o Drawing 1/E400: Added fire alarm interface and keynote of smoke control system.
4. E401 – LEVEL 1 SYSTEMS PLAN
 - o Drawing 1/E401: Added fire alarm devices for smoke control system. Added select locations for fire alarm pull stations. Added keynotes to devices in precast wall.
5. E402 – LEVEL 2 SYSTEMS PLAN
 - o Drawing 1/E402: Added fire alarm devices for smoke control system.

END OF ADDENDUM

NO.	DESCRIPTION	DATE
1	Addendum 1	11/24/25
2	Addendum 2	11/7/25
3	Addendum 3	11/13/25

Room Schedule		
Number	Name	Area
A001	SECURE ENTRY	150 SF
A002	HALLWAY	123 SF
A003	UNIFORM STORAGE	292 SF
A004	RANGE MASTER	124 SF
A005	AIR LOCK	45 SF
A006	SHOOTING LANES	1,592 SF
A007	BULLET TRAP	282 SF
A008	HALLWAY	409 SF
A009	GUN CLEANING	69 SF
A010	ARMORY	282 SF
A011	RESTROOM	76 SF
A012	STORAGE	137 SF
A013	HALLWAY	136 SF
A014	MECHANICAL	213 SF
A015	MECHANICAL	1,239 SF
A015A	FIRE PUMP	112 SF

Keynote Legend	
P1	PRECAST CONCRETE SUPPLIER SHALL INSTALL REQUIRED OUTLET BOX FLUSH IN WALL WITH 3/4" CONDUIT STUBBED UP ABOVE ACCESSIBLE CEILING SPACE OR NEAR ROOF STRUCTURE IN DEPLOYMENT BAYS OR OTHER EXPOSED CEILING IN ROOMS. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PRECAST SUPPLIER AND OTHER DIVISIONS FOR EXACT REQUIREMENTS AND LOCATIONS.
P3	PROVIDE AND INSTALL BELDEN MODEL# 29502, OR EQUIVALENT, VFD CABLE IN 1" CONDUIT BETWEEN VFD AND MOTOR. SD 3/E304 AND SPECIFICATION 260519 FOR FURTHER DETAILS.
P17	PROVIDE ELECTRICAL CONNECTION TO ELECTRIC HAND DRYER. COORDINATE DEVICE HEIGHT WITH G.C.
P22	PROVIDE RECEPTACLE AT 8' AFF FOR SHOOTING LANE CONTROL/SERVICE. VERIFY EXACT LOCATION WITH EQUIPMENT PROVIDER.
P28	PROVIDE AND INSTALL BELDEN MODEL# 29504, OR EQUIVALENT, VFD CABLE IN 1-1/4" CONDUIT BETWEEN VFD AND MOTOR. SD 3/E304 AND SPECIFICATION 260519 FOR FURTHER DETAILS.
P30	ADD UNDER ALTERNATE 2.
P31	ADD UNDER ALTERNATE 6.
P33	SEE DETAIL 2/E304 FOR ADDITIONAL ELEVATOR INFORMATION.



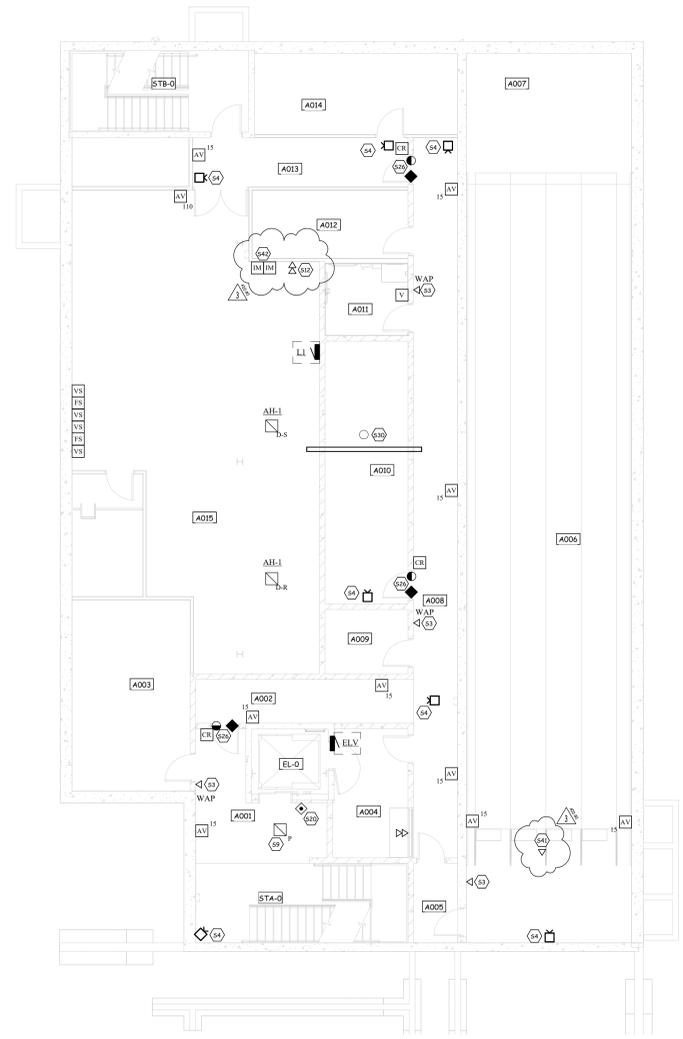
Power Plan - Basement
1/8" = 1'-0"

E
D
C
B
A

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Room Schedule		
Number	Name	Area
A001	SECURE ENTRY	150 SF
A002	HALLWAY	123 SF
A003	UNIFORM STORAGE	292 SF
A004	RANGE MASTER	124 SF
A005	AIR LOCK	45 SF
A006	SHOOTING LANES	1,592 SF
A007	BULLET TRAP	282 SF
A008	HALLWAY	409 SF
A009	GUN CLEANING	69 SF
A010	ARMORY	282 SF
A011	RESTROOM	76 SF
A012	STORAGE	137 SF
A013	HALLWAY	136 SF
A014	MECHANICAL	213 SF
A015	MECHANICAL	1,239 SF
A015A	FIRE PUMP	112 SF

Keynote Legend	
S3	PROVIDE ONE CAT6A NETWORK DROP AT THIS LOCATION ABOVE ACCESSIBLE CEILING SPACE OR AT THE CEILING STRUCTURE. PROVIDE FIFTEEN (15) FOOT OF EXCESS SERVICE LOOP FOR WIRELESS ACCESS POINT. WIRELESS ACCESS POINT SUPPLIED BY OTHERS AND INSTALLED BY DIV 27. PROVIDE PROPER J-HOOK SUPPORT AND CABLE TIE TO STRUCTURE AS REQUIRED. COORDINATE EXACT LOCATION AS REQUIRED.
S4	PROVIDE ONE NETWORK DROP AT THIS LOCATION. PROVIDE TEN (10) FOOT OF EXCESS SERVICE LOOP FOR SURVEILLANCE EQUIPMENT. SURVEILLANCE EQUIPMENT SUPPLIED BY OTHERS AND INSTALLED BY DIV 27. PROVIDE PROPER J-HOOK SUPPORT AND CABLE TIE TO STRUCTURE AS REQUIRED. COORDINATE EXACT LOCATION AS REQUIRED.
S9	ELEVATOR LOBBY SMOKE DETECTOR. SEE SPECIFICATION 262822.
S12	ATC NETWORK CONNECTION.
S20	RESCUE ASSIST CALL STATION MOUNTED AT 42" AFF. SEE SPECIFICATION 275410. PROVIDE LV CABLE TO KEYNOTE S18 CONTROL PANEL IN VESTIBULE AS PER MANUFACTURER'S INSTRUCTIONS.
S26	SEE DETAIL 6/E403 FOR CARD READER ROUGH-IN INSTALLATION. PROVIDE WIRING BACK TO JUNCTION BOX IN ACCESSIBLE CEILING SPACE FOR FINAL CONNECTIONS BY OWNER VENDOR.
S30	4" CONDUIT FOR SYSTEMS/DATA CABLING BETWEEN FLOORS. QUANTITY AS SHOWN ON DRAWINGS. PROVIDE BUSHED CONDUIT ENDS AND FIRE SEAL AS REQUIRED AFTER ALL CABLE INSTALLATION.
S41	CABLE TO ROOM A004 FOR FIRING RANGE SYSTEM.
S42	PROVIDE TWO RELAY IAMS AT ATC CONTROL PANEL. ONE IAM PER SMOKE CONTROL ZONE SHOWN. ZONE 1 IS THE BUILDING MINUS ZONE 2. ZONE 2 IS ROOM A001, A102, A 201, AND A202. PROGRAM EACH IAM TO CLOSE DRY CONTACT UPON ACTIVATION OF ANY INITIATING DEVICE IN ITS ASSOCIATED ZONE. INTERFACE WIRING BY ATC CONTRACTOR.



1
E400
Systems Plan - Basement
1/8" = 1'-0"



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REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	Addendum 3	11/13/25

DUNN COUNTY
PUBLIC SAFETY CENTER
MANNING, ND

DATE	10/21/2025
PHASE	CONSTRUCTION DOCUMENTS
PROJECT	PE 25028
SHEET	E400
BASEMENT SYSTEMS PLAN	

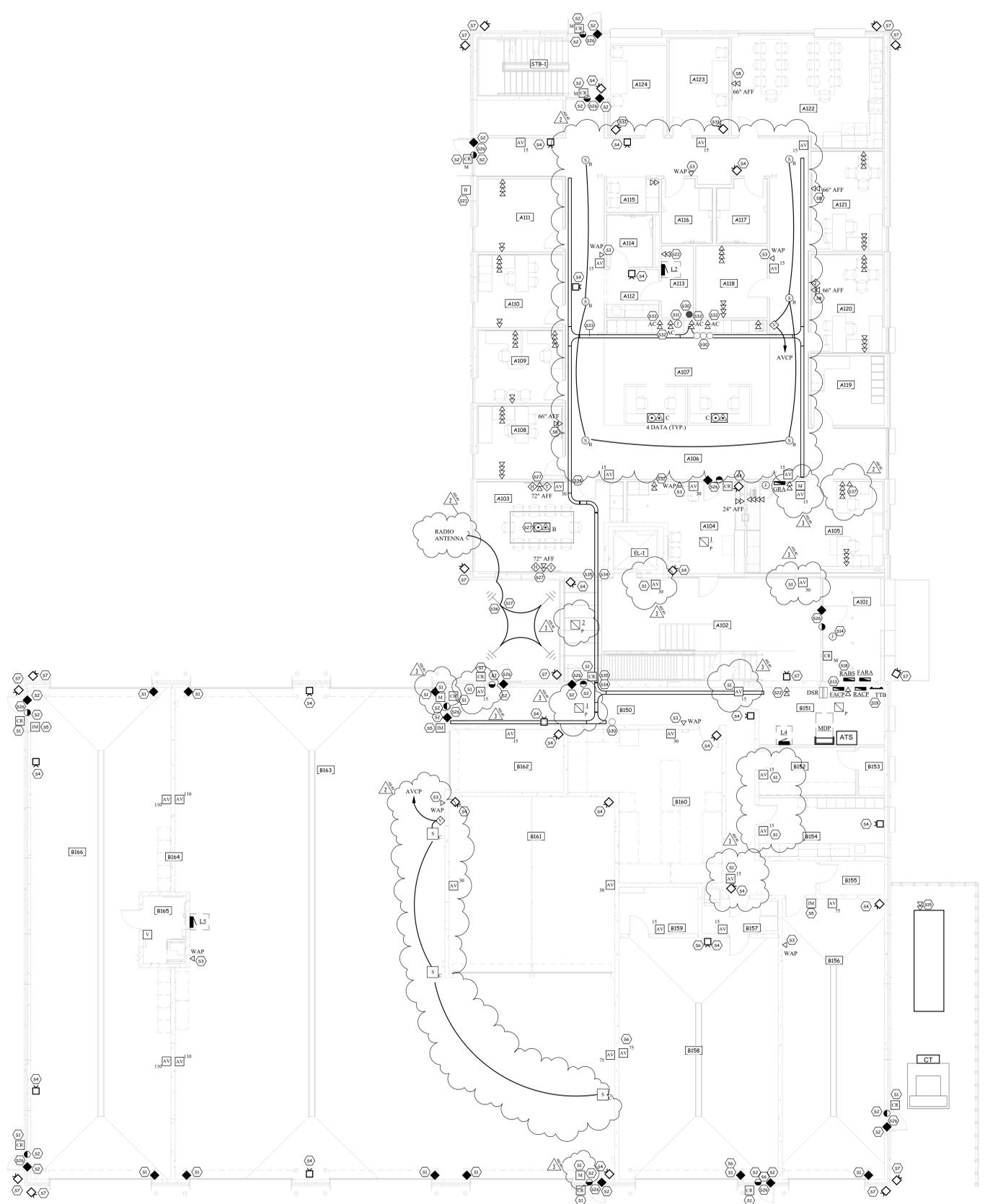


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NO.	DESCRIPTION	DATE
1	Addendum 1	11/27/25
2	Addendum 2	11/27/25
3	Addendum 3	11/13/25

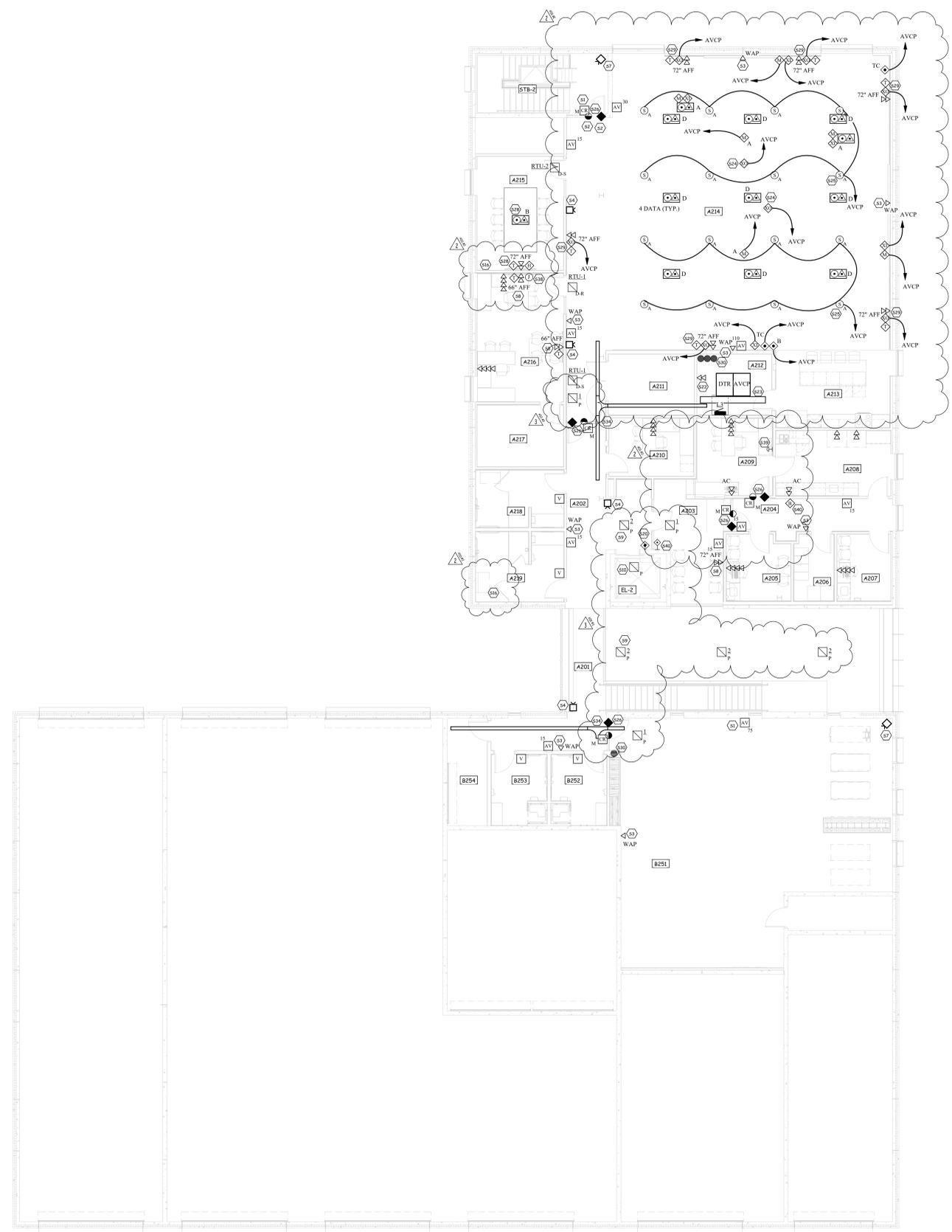
Number	Name	Area
A101	VESTIBULE	158 SF
A102	LOBBY	665 SF
A103	CONFERENCE ROOM	305 SF
A104	LOBBY	212 SF
A105	ADMIN	299 SF
A106	HALLWAY	1,250 SF
A107	PATROL WORKSTATIONS	432 SF
A108	DETECTIVE OFFICE	153 SF
A109	SARGENT SHARED OFFICE	153 SF
A110	TRUCK REG	153 SF
A111	WORKROOM	153 SF
A112	DT PROCESSING	62 SF
A113	CUSTODIAL	57 SF
A114	DRUG TESTING	59 SF
A115	INTOX	45 SF
A116	RESTROOM	77 SF
A117	RESTROOM	70 SF
A118	EQUIP STORAGE	127 SF
A119	NIC / RECORD STORAGE	127 SF
A120	SHERIFF OFFICE	176 SF
A121	CHIEF DEPUTY OFFICE	179 SF
A122	BREAK ROOM	399 SF
A123	INTERVIEW	143 SF
A124	JUVENILE INTERVIEW	126 SF
B150	HALLWAY	460 SF
B151	ELECTRICAL	179 SF
B152	K-9 ROOM	115 SF
B153	DEA STORAGE	31 SF
B154	EVIDENCE PROCESSING	184 SF
B155	CUSTODIAL	54 SF
B156	EM BAY	71 SF
B157	LAUNDRY	71 SF
B158	WASH BAY	958 SF
B159	WASH BAY EQUIP	91 SF
B160	EVIDENCE STORAGE	473 SF
B161	EVIDENCE BAY	728 SF
B162	SM EVIDENCE	180 SF
B163	SHERIFF'S DEPARTMENT VEHICLES	2,439 SF
B164	RAPID DEPLOYMENT	1,688 SF
B165	RESTROOM	70 SF
B166	FIRE EQUIPMENT BAY	1,656 SF

Keynote	Description
S1	PRECAST CONCRETE SUPPLIER SHALL INSTALL REQUIRED OUTLET BOX FLUSH IN WALL WITH 3/4" CONDUIT STUBBED UP ABOVE ACCESSIBLE CEILING SPACE OR NEAR ROOF STRUCTURE IN DEPLOYMENT BAYS OR OTHER EXPOSED CEILING IN ROOMS. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PRECAST SUPPLIER AND OTHER DIVISIONS FOR EXACT REQUIREMENTS AND LOCATIONS.
S2	PRECAST CONCRETE SUPPLIER SHALL INSTALL REQUIRED 3/4" CONDUIT FROM TOP OF DOOR OPENING STUBBED UP ABOVE ACCESSIBLE CEILING SPACE OR NEAR ROOF STRUCTURE IN ROOMS WITH EXPOSED CEILING. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PRECAST SUPPLIER AND OTHER DIVISIONS FOR EXACT REQUIREMENTS AND LOCATIONS.
S3	PROVIDE ONE CAT6 NETWORK DROP AT THIS LOCATION ABOVE ACCESSIBLE CEILING SPACE OR AT THE CEILING STRUCTURE. PROVIDE FIFTEEN (15) FOOT OF EXCESS SERVICE LOOP FOR WIRELESS ACCESS POINT. WIRELESS ACCESS POINT SUPPLIED BY OTHERS AND INSTALLED BY DIV 27. PROVIDE PROPER J-HOOK SUPPORT AND CABLE TIE TO STRUCTURE AS REQUIRED. COORDINATE EXACT LOCATION AS REQUIRED.
S4	PROVIDE ONE NETWORK DROP AT THIS LOCATION. PROVIDE TEN (10) FOOT OF EXCESS SERVICE LOOP FOR SURVEILLANCE EQUIPMENT. SURVEILLANCE EQUIPMENT SUPPLIED BY OTHERS AND INSTALLED BY DIV 27. PROVIDE PROPER J-HOOK SUPPORT AND CABLE TIE TO STRUCTURE AS REQUIRED. COORDINATE EXACT LOCATION AS REQUIRED.
S5	CONNECT FAN SHUTDOWN RELAYS SO THAT THE INDUSTRIAL FANS SHUTDOWN WITH SPRINKLER SYSTEM ACTIVATION.
S6	PROVIDE WP DEVICE IN WASHBAY AREA. ALL WIRING/RACEWAY IN THE WASH BAY MUST BE INSTALLED AS PER THE NEC FOR A WET LOCATION.
S7	PROVIDE ONE NETWORK DROP AT THIS LOCATION. PROVIDE ONE (1) FOOT OF EXCESS SERVICE LOOP FOR SURVEILLANCE EQUIPMENT SUPPLIED BY OTHERS AND INSTALLED BY DIV 27. PRECAST CONCRETE SUPPLIER SHALL INSTALL REQUIRED OUTLET BOX FLUSH IN WALL WITH 3/4" CONDUIT STUBBED UP ABOVE ACCESSIBLE CEILING SPACE OR NEAR ROOF STRUCTURE IN ROOMS WITH EXPOSED CEILING. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PRECAST SUPPLIER AND OTHER DIVISIONS FOR EXACT REQUIREMENTS AND LOCATIONS.
S8	PROVIDE WIREMOLD #EFS82, OR EQUIVALENT TWO COMPARTMENT RECESSED WALL BOX. MATCH LOCATIONS WITH NOTE F2.
S11	FIELD COORDINATE WITH RADIO INSTALLATION VENDOR TO CONNECT RADIO AUDIO OUTPUT TO COUNTER TOP UNIT. PROVIDE DEDICATED 1" CONDUIT BACK THE ANTENNA LOCATION SHOWN.
S13	FAO NETWORK CONNECTION. SEE SPECIFICATION 283111.
S14	PROVIDE AND INSTALL RELAYS AS REQUIRED TO INTERFACE ACCESS CONTROL SYSTEM WITH EXTERIOR DOOR HANDICAP OPERATOR. EXIT DOOR PUSHBUTTON RELAY SHALL AUTOMATICALLY TRIGGER ELECTRIFIED STRIKE. ENTRANCE DOOR BUTTON RELAY SHALL DISABLE OPERATOR UNLESS VALID CREDENTIALS ARE PRESENTED AFTER HOURS. DURING NORMAL BUSINESS HOURS ENTRANCE PUSHBUTTON WILL BE ALLOWED TO OPEN DOOR. VERIFY HOURS OF OPERATION WITH OWNER.
S15	PROVIDE AND INSTALL WATER BLOCKED CAT 6 CABLE BETWEEN GENERATOR AND DSR FOR REMOTE GENERATOR INFORMATION.
S17	PROVIDE AND INSTALL GROUND RING FOR LIGHTNING PROTECTION OF RADIO ANTENNAS. EXTEND CONDUCTOR TO UP TO ROOF MOUNTED ANTENNA MAST AT KEYNOTE S16. SEE KEYNOTE S16 FOR FURTHER DETAILS.
S18	SURFACE MOUNT RESCUE ASSIST CONTROL PANEL. SEE SPECIFICATION 275410. MOUNT ASSOCIATED POWER SUPPLY ABOVE CEILING. OBTAIN POWER FROM NEAREST RECEPTACLE CIRCUIT. SEE DETAIL 7/E403.
S19	MOUNT RESCUE ASSIST PHONE ACCESS KIT TO TTB. SEE SPECIFICATION 275410. PROVIDE LV WIRING TO KEYNOTE S18 CONTROL PANEL AS PER MANUFACTURER'S INSTRUCTIONS. OBTAIN POWER FROM NEAREST RECEPTACLE CIRCUIT.
S21	FIRE SPRINKLER BELL. SEE SPECIFICATION SECTION 283111.
S22	NETWORK DROPS FOR CAP.
S26	SEE DETAIL 6/E403 FOR CARD READER ROUGH-IN INSTALLATION. PROVIDE WIRING BACK TO JUNCTION BOX IN ACCESSIBLE CEILING SPACE FOR FINAL CONNECTIONS BY OWNER VENDOR.
S27	SEE DETAIL 1/E404
S30	4" CONDUIT FOR SYSTEMS/DATA CABLING BETWEEN FLOORS. QUANTITY AS SHOWN ON DRAWINGS. PROVIDE BUSHED CONDUIT ENDS AND FIRE SEAL AS REQUIRED AFTER ALL CABLE INSTALLATION.
S31	PROVIDE 1" CONDUIT ABOVE CEILING BACK TO ROOM A111 WITH FULL STRING FOR INSTALLATION OF RECORDING EQUIPMENT BY OTHERS.
S32	COORDINATE LOCATION IN CASEWORK WITH CASEWORK VENDOR. ADJUST HEIGHT AS REQUIRED AND NEATLY CUT CASEWORK AND EXTEND BOX INTO THE CABINET AS REQUIRED.
S33	6" WIDE CABLE TRAY TO BE BLACK WITH THREE SIDED BLACK INSERT. SEE SPECIFICATION 240536.
S34	REFER TO CODE STUDY PLANS FOR RATED WALLS AND PROVIDE FIRE BLOCKING PRODUCT AS REQUIRED. WHERE FIRE BLOCKING IS NOT REQUIRED PROVIDE INSULATION FOR SOUND DEADENING.
S35	PROVIDE 7" X 5" OPENING IN PRECAST FOR CABLE TRAY OR THREE (3) 4" CONDUITS FOR SYSTEMS CABLING.
S36	ANTENNA GROUND WIRE. PROVIDE #6 AWG BARE SOLID COPPER CONDUCTOR STRAPPED NEATLY TO BUILDING. SEE DETAIL 8/E403 FOR GROUND RING INSPECTION WELL.
S37	CAT 6 CABLE FROM THIS LOCATION TO THE RADIO BASE STATION SHOWN AT KEYNOTE S11.



1
E401
Systems Plan - Level 1
1/8" = 1'-0"

NO.	DESCRIPTION	DATE
1	Addendum 1	11/17/25
2	Addendum 2	11/17/25
3	Addendum 3	11/13/25



Number	Name	Area
A102	LOBBY	665 SF
A201	BRIDGE	205 SF
A202	HALLWAY	244 SF
A203	LOBBY	166 SF
A204	HALLWAY	127 SF
A205	EXAM	98 SF
A206	STORAGE	62 SF
A207	EXAM	85 SF
A208	WORKROOM	180 SF
A209	OFFICE	139 SF
A210	CORNER	117 SF
A211	STORAGE	124 SF
A212	ELEC	108 SF
A213	BREAK ROOM	209 SF
A214	TRAINING ROOM / EOC	2,266 SF
A215	UNIFIED COMMAND	234 SF
A216	EM OFFICE	266 SF
A217	EM STORAGE	127 SF
A218	MEN	118 SF
A219	WOMEN	144 SF
B156	EM BAY	711 SF
B158	WASH BAY	958 SF
B163	SHERIFF'S DEPARTMENT VEHICLES	2,439 SF
B164	RAPID DEPLOYMENT	1,688 SF
B166	FIRE EQUIPMENT BAY	1,656 SF
B251	FITNESS AREA	1,442 SF
B252	RESTROOM	91 SF
B253	RESTROOM	91 SF
B254	STORAGE	102 SF
B255	STORAGE	85 SF

Keynote	Description
S1	PRECAST CONCRETE SUPPLIER SHALL INSTALL REQUIRED OUTLET BOX FLUSH IN WALL WITH 3/4\"
S2	PRECAST CONCRETE SUPPLIER SHALL INSTALL REQUIRED 3/4\"
S3	PROVIDE ONE CAT6A NETWORK DROP AT THIS LOCATION ABOVE ACCESSIBLE CEILING SPACE OR AT THE CEILING STRUCTURE. PROVIDE FIFTEEN (15) FOOT OF EXCESS SERVICE LOOP FOR WIRELESS ACCESS POINT. WIRELESS ACCESS POINT SUPPLIED BY OTHERS AND INSTALLED BY DIV 27. PROVIDE PROPER J-HOOK SUPPORT AND CABLE TIE TO STRUCTURE AS REQUIRED. COORDINATE EXACT LOCATION AS REQUIRED.
S4	PROVIDE ONE NETWORK DROP AT THIS LOCATION. PROVIDE TEN (10) FOOT OF EXCESS SERVICE LOOP FOR SURVEILLANCE EQUIPMENT. SURVEILLANCE EQUIPMENT SUPPLIED BY OTHERS AND INSTALLED BY DIV 27. PROVIDE PROPER J-HOOK SUPPORT AND CABLE TIE TO STRUCTURE AS REQUIRED. COORDINATE EXACT LOCATION AS REQUIRED.
S7	PROVIDE ONE NETWORK DROP AT THIS LOCATION. PROVIDE TEN (10) FOOT OF EXCESS SERVICE LOOP FOR SURVEILLANCE EQUIPMENT SUPPLIED BY OTHERS AND INSTALLED BY DIV 27. PRECAST CONCRETE SUPPLIER SHALL INSTALL REQUIRED OUTLET BOX FLUSH IN WALL WITH 3/4\"
S8	PROVIDE WIREMOLD #EFS82, OR EQUIVALENT TWO COMPARTMENT RECESSES WALL BOX. MATCH LOCATIONS WITH NOTE F2.
S9	ELEVATOR LOBBY SMOKE DETECTOR. SEE SPECIFICATION 262822.
S10	ELEVATOR SHAFT SMOKE DETECTOR. SEE SPECIFICATION SECTION 283111.
S16	PROVIDE AND INSTALL ANTENNA MAST AT THIS LOCATION FOR FUTURE ANTENNA CABLING. SD 1/603 FOR FURTHER DETAILS. ROUTE GROUND RING CONDUCTOR UP THROUGH WEATHER HEAD AND LEAVE SOFT COILED NEATLY ON ROOF FOR FUTURE CONNECTION BY OTHERS. CONFIRM LOCATION WITH RADIO SYSTEM INSTALLER AND POSITION AS REQUIRED FOR WELDING TO STRUCTURE AND ADDITIONAL BRACING.
S20	RESOLVE ASSIST CALL STATION MOUNTED AT 42\"
S22	NETWORK DROPS FOR CAP.
S23	CABLE RUNWAY ABOVE RACKS. EXTEND BETWEEN WALLS AS SHOWN. RUNWAY TO BE MOUNTED DIRECTLY ABOVE RACKS. ATTACH TOP OF RACKS TO RUNWAY FOR SUPPORT. SLEEVE WALLS AS REQUIRED FOR CABLE ROUTING TO CORRIDOR TRAY SYSTEMS.
S24	EC TO PROVIDE 2'X2' SUSPENDED CEILING PROJECTOR PLATE. CHIEF #CMS445. UTILIZE INCLUDED CABLE HANGERS TO SUPPORT PLATE FROM STRUCTURE AS PER MANUFACTURER'S INSTRUCTIONS. PROVIDE SINGLE-GANG PANDUIT NETWORK FACILITATE WITH 'XO' JACK AND DUPLEX RECEPTACLE WITH 6' FLEX WIRE TO STRUCTURALLY MOUNTED J-BOX.
S25	MOUNT SPEAKERS TO THE SIDE OF THE BOTTOM MEMBER OF THE TRUSS. ROUTE SPEAKER WIRE ON TOP SIDE OF THE TRUSS MEMBER. TYPICAL FOR ALL SPEAKERS.
S26	SEE DETAIL 6/E403 FOR CARD READER ROUGH-IN INSTALLATION. PROVIDE WIRING BACK TO JUNCTION BOX IN ACCESSIBLE CEILING SPACE FOR FINAL CONNECTIONS BY OWNER VENDOR.
S28	SEE DETAIL 2/E404
S29	PROVIDE WIREMOLD #EFS84, OR EQUIVALENT FOUR COMPARTMENT RECESSES WALL BOX. MATCH LOCATIONS WITH NOTE F24. ONE COMPARTMENT DUPLEX RECP. ONE COMPARTMENT TWO DATA AND CATV. ONE COMPARTMENT 'XO'. AND ONE COMPARTMENT WITH LEGRAND #WP1014WHV1 FOR FUTURE WITH 1\"
S30	4\"
S34	REFER TO CODE STUDY PLANS FOR RATED WALLS AND PROVIDE FIRE BLOCKING PRODUCT AS REQUIRED. WHERE FIRE BLOCKING IS NOT REQUIRED PROVIDE INSULATION FOR SOUND DEADENING.
S38	FIELD COORDINATE WITH RADIO INSTALLATION VENDOR TO CONNECT RADIO BASE STATION AT THIS LOCATION. PROVIDE DEDICATED 1\"
S39	PROVIDE ROUGH-IN FOR PANIC BUTTONS ON THE UNDERSIDE OF DESK/CABINETS TO INTERCONNECT TO THE CONTROLLED ACCESS SYSTEM. COORDINATE LOCATION WITH CABINET INSTALLER OR FURNITURE PROVIDER. VERIFY LOCATIONS WITH OWNER.
S40	DOOR BEAM AND BELL. POWER FROM NEAREST 120V GENERAL RECEPTACLE CIRCUIT.

1
E402
Systems Plan - Level 2
1/8\" = 1'-0\"

E
D
C
B
A

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