



BOARD OF COUNTY COMMISSIONERS

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840 WEST 11TH STREET PANAMA CITY, FL 32401

COMMISSIONERS:

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ROBERT J. MAJKA COUNTY MANAGER

PURCHASING DEPARTMENT

840 West 11th Street Panama City, Florida 32401 Telephone: (850) 248-8270 Fax: (850) 248-8276

May 24, 2024

Prospective Respondents

RE: Addendum #1 24-40 Bay County Jail Substance Abuse Unit Re-bid.

Please accept this as Addendum No. 1 for the above referenced solicitation.

The following question have been received. The County's answer follows in bold.

- 1. Please see attached substitution requests for sections 071700 (CCW Miraclay), 071700 (Preseal 320), 072713 (Blueskin SA) and 072726 (air bloc 17MR) from the Henry Company. Bay County Capital Projects does not do substitutions on materials until after the project has been awarded and the contractor has to submit as part of their submittal and the Architect & Engineer will approve.
2. Please see the attachment for our formal request for product substitution consideration on the Bay County Jail Substance Abuse Unit Project. We are submitting AIR-SHIELD LMP Liquid Membrane Vapor Permeable Air Barrier for your consideration. Bay County Capital Projects does not do substitutions on materials until after the project has been awarded and the contractor has to submit as part of their submittal and the Architect & Engineer will approve.
3. In the plans provided I have not been able to find the sheet where it calls out a new gate anywhere. I have the removal of approx. 24LF from the walkway, I have the two ends of the new building, receiving new 11' + 1 security fencing. Can you provide information for the gate? How wide? Any specific hardware required? Information provided in revised plan sheet which has been attached.
4. If a contractor is involved in a JV and signed in at the Mandatory Pre bid meeting, can said contractor submit the bid proposal under the JV's name not what was signed in as? We assume JV is Joint Venture. The bidder must submit bid based off the

5. **Company name used to sign-in at the Mandatory Pre-bid meeting.**
6. Project specifications is missing section 10 73 26 Walkway Covers. **This information has been attached for your use.**
7. Can the walkway covers be any manufacturer and what are the minimum requirements? **Approved manufacturers listed in Addendum #1 specification.**
8. Interior Signage - the spec section 10 14 23 refers to the construction drawings for signage details and elevations. However there is no drawing showing a signage schedule or information. Please provide a signage schedule. **There is no signage.**
9. The specs 07 54 16 1.2 refer to a concrete roof deck. The drawings refer to a metal roof deck. **Single Ply roof -disregard reference to concrete deck in 07 54 16 'related sections'**
10. Is there a concrete roof deck in this project? **No.**
11. Specifications contradict the drawings for masonry construction. Do the specs take precedent over the construction drawings? **What is the contradiction? Bay County is not aware of the Contradiction.**
12. Spec 2.01 A. 1. is asking the CMU to conform to ASTM C90-01a, grade "N", Type II. Beginning in 2000, ASTM eliminated "grades and Types". Note 2 on Plans page S0.01 requires CMU to have a net compressive strength of 2000 PSI and to be 50% solid. (We prefer Light weight CMU which has a higher fire resistance than medium and normal weight CMU). **Bay County not interested in prefers.**
13. Spec 2.07 A. is requiring Type "N" mortar whereas Plan page S0.01 Note 3 says Type "S" mortar. Spec 2.02 C. requiring "Fine" grout conforming to ASTM C 476 (which we prefer) and Plan page S0.01 Note 5 is directing to use grout conforming to ASTM C404 coarse. Bid per plans and Specification, **Bay County not interested in prefers.**
14. Plan note S0.01 Note 12 requires external lateral wall bracing which is unnecessary since we are using the Internal Bracing Method utilizing the prescribed low-lift grouting procedure. (Spec 3.06 B.) **Bid per plans and specifications. The Engineer has a stamp on the drawings.**
15. The Specs do not refer to horizontal joint reinforcement probably due to having a Bond Beam at every 16" o/c vertically whereas Plans page S0.01 Note 6 ask for it. (I would still recommend using it at intersections and definitely at the 108 degree CMU intersections every course.) **Bid per plans and specifications.**
16. Plan page S2.00 shows the 1 #5 rebar in a Bond Beam at 16" o/c vertically which is consistent with Plan page S0.01 Note 13. S2.00 should be revised to show the added 8" Bond Beam at every 4' o/c vertically w/ 2 #5 rebar per Note 3 on S4.01 **Bid per plans and specifications.**
17. There is an existing electrical service at the Pole Barn that will be demoed by owner. Can that electrical service be used for temporary electrical service for project construction? **Yes, the existing electrical service, pole, and meter can be used by**

contractor for temporary electrical services. Contractor must relocate service outside the limits of new building, transfer services in contractor name, and pay for electrical services until building is completed.

All respondents shall acknowledge receipt of this addendum by signing and submitting, with their bid, the addendum acknowledgement form included in the Bid package.

Regards,

Scott Nabers
Contract Administrator



May 21, 2024

Florida Architects

RE: Structural Letter for RFI's
103 W. 5th St., Panama City, Florida

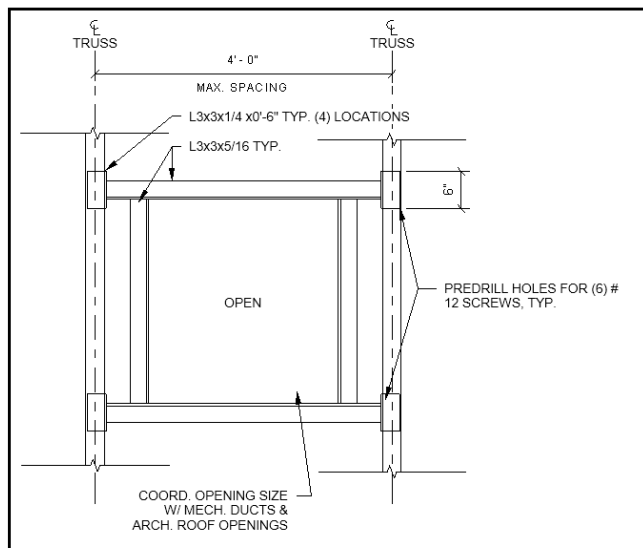
Mr. Badaglia,

McCarthy Engineering, Inc (MEI) is pleased to submit this RFI Modification letter for the noted project.

The RFI modifications consisted of the following items:

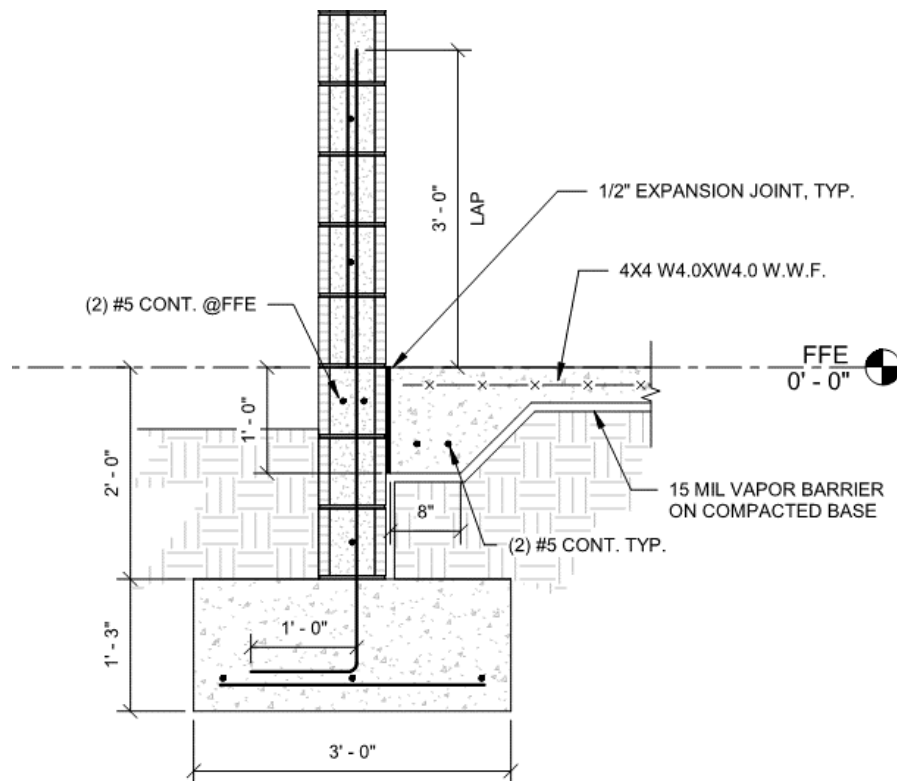
1. Can we weld angles to the sides of the trusses for framed openings and Mech. Unit mounting - given trusses are light gauge?

See Detail Below, we do not advise welding to light gauge:



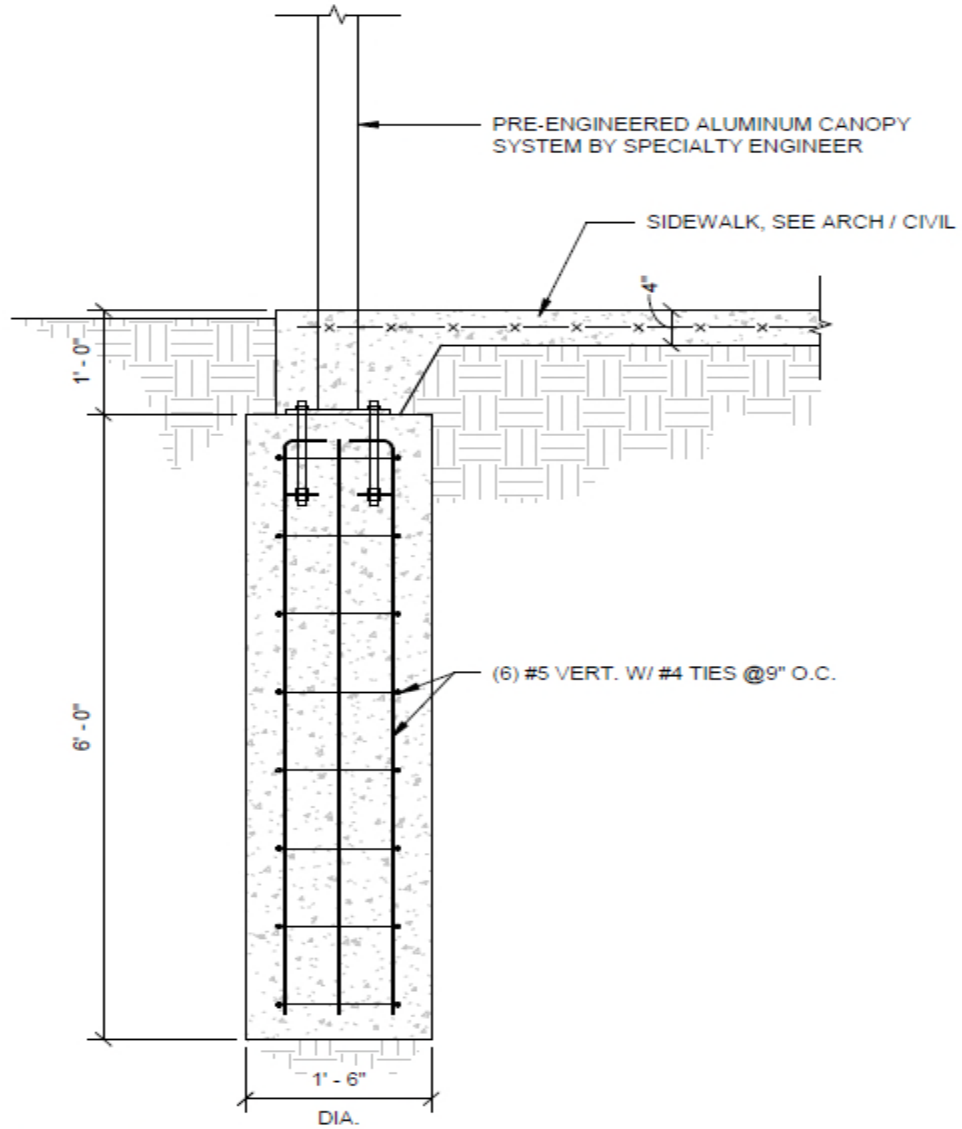
- Structural wall detail shows grade at FF level. Grade will be 6-8" below FF. Please verify you have enough cover.

Yes, this is acceptable.



- Walkway canopy – we need to separate the base of the canopy post from the concrete with a protective barrier. Is the walkway slab figured into the uplift, or do the 6ft footings carry it all?

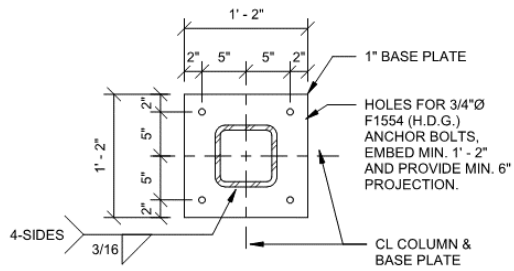
The slab was included in the weight for the uplift.



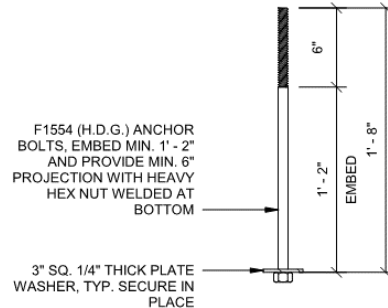
6A WALKWAY SECTION
3/4" = 1'-0"

4. Is there a detail for the HSS base plates (plate size, anchor bolt size, etc)?

See details below, added to sheet S3.00



HSS7x7 BASE PLATE



⑦ **BASE PLATE DETAILS**
1" = 1'-0"

⑧ **ANCHOR BOLT DETAIL**
1 1/2" = 1'-0"

5. What is the thickness of the 12" wide continuous bent ridge plate (see details 2-3/S2.00)?

See note #9 on Structural Sheet S0.02

PROVIDE 12" WIDE x 14GA CONTINUOUS PLATES AT ALL RIDGES, VALLEYS, & HIPS. W/ #12 SCREWS EA. SIDE OF CONTINUOUS PLATE LOCATED AT 6" O.C.

Thank you for allowing us to be part of this project and if you have any questions, please feel free to contact our office.

Sincerely,

Jeff McCarthy, P.E., LEED AP
Structural Engineer

SECTION 107326 – ALUMINUM WALKWAY COVERS

PART 1 - GENERAL

1.1 SCOPE OF WORK

- A. Extent of aluminum walkway canopy covers is indicated on Drawings.
- B. Design, fabricate and install welded, extruded aluminum walkway covers with protective finish and illumination of covered areas.

1.2 RELATED DOCUMENTS

- A. Section 01 25 13 – Substitution Procedures.
- B. Section 01 31 13 – Project Coordination.
- C. Section 01 33 00 – Submittal Procedures.
- D. Section 01 42 00 – References.
- E. Section 01 45 00 – Quality Control.
- F. Section 01 66 00 – Product Storage and Handling.
- G. Section 01 78 00 – Closeout Submittals.
- H. Section 31 00 00 – Earthwork.
- I. Section 03 30 00 – Cast-in-Place Concrete.
- J. Section 04 21 13 – Brick Masonry.
- K. Section 04 22 00 – Concrete Unit Masonry.
- L. Section 07 62 00 – Sheet Metal Flashing and Trim.
- M. Section 07 92 00 – Joint Sealants.
- N. Section 26 05 33 – Raceways and Boxes for Electrical Systems.
- O. Section 26 56 00 – Exterior Lighting.

1.3 REFERENCES

- A. Comply with Section 014200 – References for additional applicable references and codes, abbreviations, definitions and acronyms.
- B. 2010 Florida Building Code.
- C. AAMA - American Architectural Manufacturers Association.
- D. Aluminum Design Manual 2000, Aluminum Association.
- E. ANSI/ASCE 7-08 - Wind Loads.
- F. ASTM B221-02 Aluminum-Alloy Extruded Bar, Rod, Wire, Shape, and Tube.
- G. ASTM B211-02 Aluminum Alloy Bars, Rods and Wire.
- H. ASTM B206-02 Aluminum and Aluminum-Alloy Sheet and Plate.

1.4 SUBMITTALS

- A. Comply with Section 013300 – Submittal Procedures.
- B. Submit shop drawings including plans, elevations and details, with dimensions and grades, for approval by Architect.
- C. Submit manufacturer's product information, specifications and installation instructions for review by Architect.
- D. Submit design calculations signed by a Professional Engineer, registered in the State of Florida, verifying the walkway cover system design meets wind loading per Fig. 1609 of FBC and requirements of ASCE 7-08, live and dead loads, footings and other load requirements.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Comply with Section 016600 – Product Storage and Handling.
- B. Deliver, store and protect products as instructed by manufacturer.
- C. Promptly inspect shipment to assure the products comply with requirements, quantities are correct, and products are undamaged.
- D. Stack materials to prevent twisting, bending, or abrasion, and to provide ventilation. Slope metal sheets to ensure drainage.
- E. Prevent contact with materials during storage, which may cause discoloration or staining.

1.6 QUALITY ASSURANCE

- A. Comply with Section 014500 – Quality Control.
- B. Aluminum walkway system shall be from one manufacturer.
- C. Manufacturer shall specialize in aluminum walkway systems with minimum five years documented experience in manufacturing walkway system products.
- D. Installer shall be company with minimum five continuous years documented experience in erecting walkway system products, and be approved as certified installer by manufacturer.

1.7 WARRANTY

- A. Provide five-year warranty to include coverage for structural integrity, water tightness and finish beginning from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 APPROVED MANUFACTURERS

- A. Dittmar Architectural Aluminum, 1006 Shepard Rd., Winter Springs, FL 32708-2018, Tel: 1 800 822-1755; Fax: (407) 695-4430, Website: www.dittdeck.com.
- B. Perfection Architectural Aluminum, 2310 Mercator Dr., Orlando, FL 32807, Tel: (407) 671-6225, Fax: (407) 671-8252, Website: www.perfectionarch.com.
- C. Peachtree Protective Covers, Inc., 1477 Rosedale Dr., Hiram, GA 30141, Tel: (770)439-2120, Fax: (770) 439-2122, Website: www.peachtreecovers.com.
- D. Other manufacturers shall comply with Section 01 25 13 – Product Substitution Procedures.

2.2 COMPONENTS

- A. Aluminum members: Extruded aluminum alloy 6063, heat treated to T-6 temper.
- B. Finish: Satin anodized 204-R1 complying with Aluminum Association Specification AA-M-10C-22A-21.
- C. Columns: Radius-cornered tubular extrusions with cutout and internal diverter for drainage.
- D. Beams: Open-top tubular extrusions; thickened top edges designed to receive deck members in self-flashing manner.
- E. Extruded structural ties: Installed in top of beams.
- F. Deck: Extruded self-flashing sections interlocking into composite unit with camber to offset dead load deflection providing positive drainage.
- G. Welded plates: Closures at deck ends.
- H. Fascia: Manufacturer's standard shape, .040" aluminum.
- I. Fasteners: Aluminum, 18-8 non-magnetic stainless steel, 300 series stainless steel, or 410 stainless steel sealed with neoprene "O" ring seals beneath 5/8" outside diameter conical washers.
- J. Fascia rivets: 3/16" x 1/2" grip range aluminum rivets with aluminum mandrel.
- K. Aluminum columns embedded in concrete shall be protected with clear acrylic.
- L. Grout shall be 2,000-psi compressive strength; concrete 3,000-psi.
- M. Gaskets shall be dry seal pressure type of manufacturer's standard material.

2.3 FABRICATION

- A. Beams and columns:
- B. Factory welded with mitered corners into one-piece rigid bents.
- C. Welds shall be smooth and uniform using inert gas shielded arc, with 100% penetration.
- D. Grind welds where interfering with adjoining structure to ensure flush connection.
- E. Field welding is not permitted.
- F. Rigid mechanical joints shall be used when shipping size limitations occur.
- G. Deck shall be extruded modules that interlock to provide self-flashing.
- H. Interlocking joints shall be positively fastened at eight inches on center to form monolithic structural unit to develop full strength of sections.
- I. Fastenings shall have minimum shear strength of 350 pounds each.
- J. Deck shall be assembled with sufficient camber to offset dead load deflection and provide positive drainage.

- K. Apply a shop applied dip-coat of clear acrylic enamel to each column end terminating in concrete to insulate from electrolytic reaction. Column ends shall be pierced to “key” grout to bent for maximum uplift protection.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions where walkway covers are to be installed. Notify Contractor/CM of unsatisfactory conditions prior to starting work.
- B. Start of work indicates acceptance of existing site conditions.
- C. Confirm bent locations, dimensions and elevations indicated on shop drawings prior to fabrication.

3.2 ERECTION

- A. Comply with manufacturer’s written installation instructions.
- B. Walkway covers shall be erected true to line, level and plumb. Aluminum columns in concrete shall be protected with clear acrylic coating to prevent electrolytic reaction.
- C. Sleeves shall be furnished by walkway cover manufacturer and installed by Contractor/CM.
- D. Downspout columns shall have welded water diverters or shall be filled with grout to level of discharge to prevent standing water.
- E. Non-draining columns shall have weep-holes at concrete grade level to remove condensation.
- F. Water discharge shall not be allowed to drain across walkways.
- G. Concrete splash blocks shall be provided in size and location to prevent washout of lawn or landscape.
- H. Grade adjacent area for water to drain away from walkways.
- I. Light fixtures shall be located on columns. Coordinate with electrical contractor. Provide aluminum cover panels to match column dimensions and finishes.
- J. Wiring to lighting fixtures shall be run underground in conduits into covered wiring panel chases. Devices, screws, bolts, crimps conduits, connections and fasteners shall be concealed.

3.3 CONCRETE FOOTINGS

- A. Concrete footings are included in the work of this section. Refer to “concrete work”, Section 03310.
- B. Sleeves (styrofoam blockouts) shall be furnished by walkway cover manufacturer.

3.4 CLEANING

- A. Walkway components shall be cleaned and debris removed upon completion.

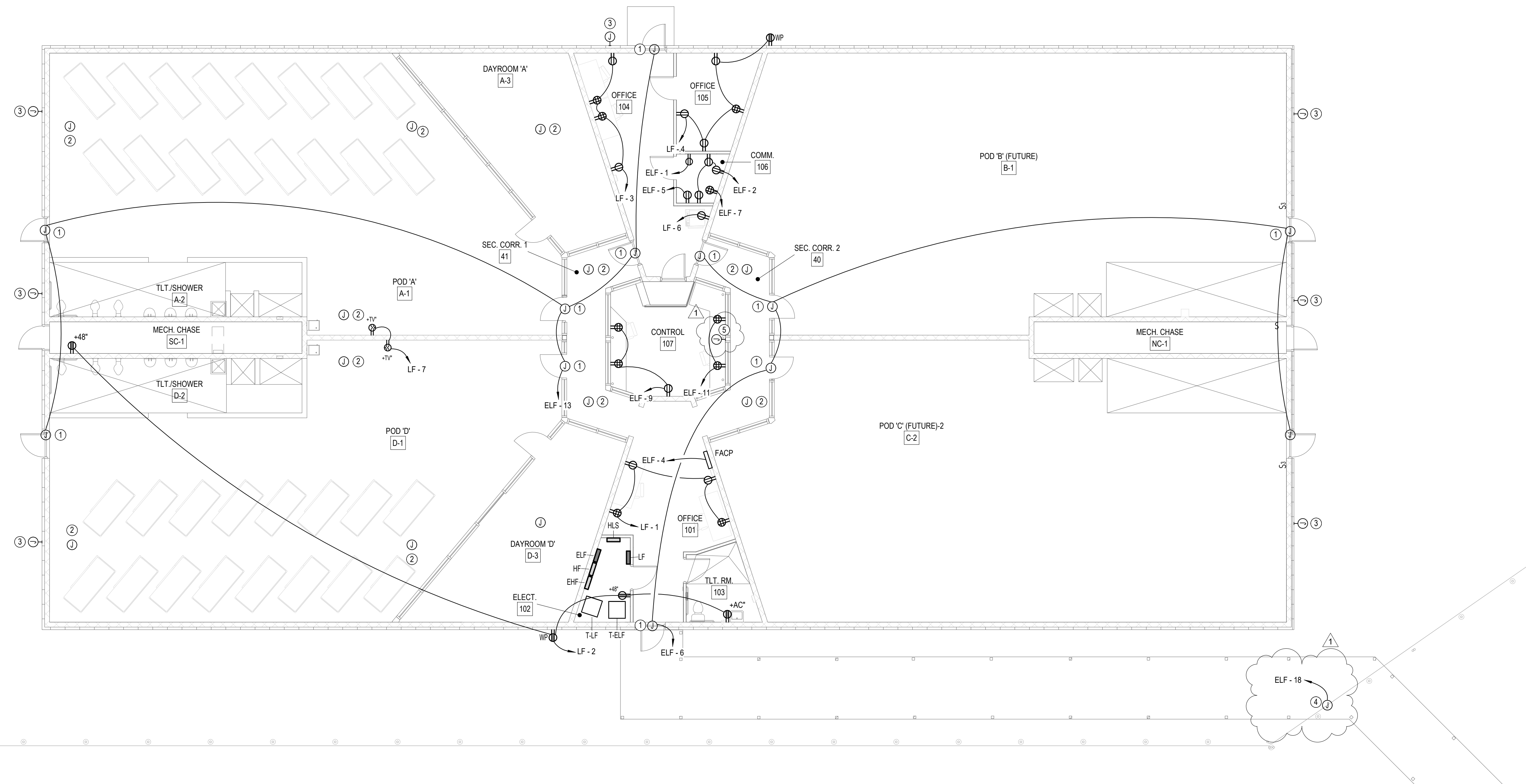
3.5 PROTECTION

- A. Protect materials during and after installation. Remove and replace damaged and defective members.
- B. Provide warning tape or other method of barriers that identifies that access to area is unauthorized until work is complete.

END OF SECTION

KEYNOTES

KEY VALUE	KEYNOTE TEXT
1	INSTALL 120V JUNCTION BOX FOR DOOR SECURITY. COORDINATE MOUNTING LOCATIONS AND INSTALLATION WITH SECURITY CONTRACTOR.
2	MOUNT JUNCTION BOX ABOVE CEILING TO BUILDING STRUCTURE FOR CEILING MOUNT SECURITY CAMERA. ROUTE 1" CONDUIT WITH PULLSTRING FROM JUNCTION BOX BACK TO TELECOM ROOM 106. REFER TO TELECOM DRAWINGS. COORDINATE INSTALLATION WITH MANUFACTURER AND SECURITY CONTRACTOR.
3	STUB 1" CONDUIT WITH PULLSTRING FLUSH WITH EXTERIOR WALL FOR WALL MOUNTED SECURITY CAMERA. ROUTE CONDUIT FROM CAMERA LOCATION BACK TO TELECOM ROOM 106. REFER TO TELECOM DRAWINGS. COORDINATE INSTALLATION WITH MANUFACTURER AND SECURITY CONTRACTOR.
4	PROVIDE POWER FOR SECURED GATE. PROVIDE ADDITIONAL BOX WITH 3/4" CONDUIT BACK TO CONTROL DESK FOR CONTROLS. ROUTE RACEWAY ABOVE CANOPY. COORDINATE INSTALLATION WITH MANUFACTURER AND SECURITY CONTRACTOR.
5	PROVIDE ROUGH-IN FOR SECURED GATE CONTROLS. COORDINATE LOCATION AND INSTALLATION WITH MANUFACTURER AND SECURITY CONTRACTOR.



FLOOR PLAN - POWER
1/8" = 1'-0"
0' 4' 8' 16'



PROJECT:
BAY COUNTY JAIL DRUG REHAB.
FACILITY
5700 STAR AVE
PANAMA CITY, FL. 32404

CONSULTANT:
CONSULTANT:
CONSULTANT:

SEAL:

CONSTRUCTION DOCUMENTS

SCALE: 1/8" = 1'-0"	DATE: 4/19/24
DRAWN BY: KS/RT	CHECKED BY: DW

NO	REVISION	DATE
1	ADDENDUM #1	5/24/2024

SHEET TITLE:
FLOOR PLAN - POWER



PROJECT NO. 4223-07	SHEET NO. E1.00
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LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	WATTAGE	MOUNTING	TYPE OF LAMP	CRI	TEMP	DESCRIPTION
CA	GARCOO	SFC-SR-48L-250-NW-G2-UNV-MGY	277 V	38 VA	CANOPY SURFACE	LED	70	4000	CANOPY LIGHT
CHA	HE WILLIAMS	76R-4-L2840-VBY-2-DRV-UNV	277 V	36 VA	CHAIN HUNG 10' AFF TO BOTTOM OF FIXTURE. SPECIFY CHAIN LENGTH	LED	80	4000	1X4 CHAIN HUNG FIXTURE
CHAE	BEGHELLI	BS100LED-4-SA-LO-WT40-120-277V-CH	277 V	40 VA	CHAIN HUNG 10' AFF TO BOTTOM OF FIXTURE. SPECIFY CHAIN LENGTH	LED	80	4000	1X4 CHAIN HUNG FIXTURE. EMERGENCY
D6	HE WILLIAMS	6DR-TL-15840-DIM-UNV-OW-OF-CS-N-F1	277 V	14 VA	CEILING RECESSED	LED	80	4000	6 INCH LED RECESSED CAN
L14S	LC DOANE	ST4-1W524080-DSW-VARDM-12230-APK	277 V	55 VA	CEILING SURFACE	LED	80	4000	CORRECTIONAL FACILITY 1X4 SURFACE MOUNTED FIXTURE
L24	HE WILLIAMS	LT-24-L52840-4F-(L45)-DRV-UNV	277 V	32 VA	RECESSED GRID LAY-IN	LED	80	4000	2X4 LAY-IN FIXTURE
V	HE WILLIAMS	SLF-2-L13840-HIA-DRV-UNV	277 V	11 VA	WALL MOUNTED 6" ABOVE VANITY MIRROR	LED	80	4000	2" WALL MOUNT VANITY FIXTURE
WP	HE WILLIAMS	121-16L-200-NW-G4-3-UNV-BZ	277 V	27 VA	WALL MOUNTED 8'-0" AFG TO BOTTOM OF FIXTURE	LED	70	4000	WALL PACK FIXTURE
X	H.E. WILLIAMS	XTL-AWS-R32-AP-W	277 V	3 VA	WALL MOUNTED ABOVE DOOR	LED	N/A	N/A	WALL MOUNTED CORRECTIONAL FACILITY EXIT LIGHT

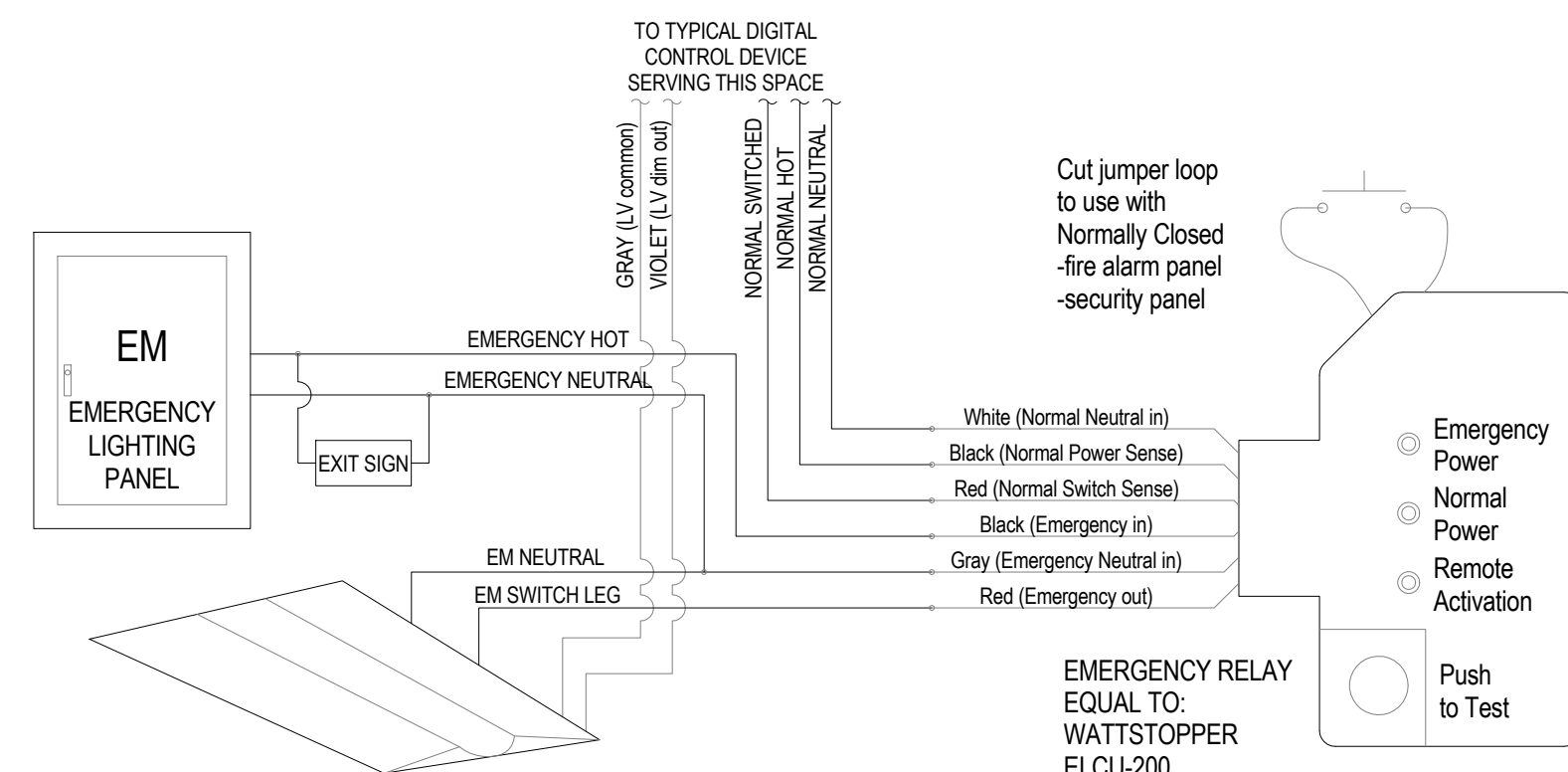
ZONE LEGEND:

- A LOCAL OCCUPANCY SENSOR 'ON'. 1-HOUR TIMED 'OFF'/OCC SENSOR CONFIRM 'OFF'.
- B PHOTOCELL 'ON', TIMECLOCK 'OFF'; COORDINATE TIME SCHEDULE WITH OWNER.
- C LOCAL LOW VOLTAGE DATALINE SWITCH OR OCC SENSOR 'ON'. BUILDING TIMESWEEP 'OFF'/OCC SENSOR CONFIRM 'OFF' AFTER CLOSE OF BUSINESS. 'FLASH' LIGHTS FOR OCCUPANT NOTIFICATION OF BUILDING TIMESWEEP EVENT. LOW VOLTAGE DATALINE SWITCH OVERRIDE TO RESET ONE HOUR TIMER. LOCAL LOW VOLTAGE DATALINE SWITCH OVERRIDE 'OFF'
- D LOCAL LOW VOLTAGE DATALINE SWITCH OR OCC SENSOR 'ON'. LOCAL LOW VOLTAGE DATALINE SWITCH OVERRIDE 'OFF'
- E BUILDING TIMESWEEP OR LOCAL LOW VOLTAGE DATALINE SWITCH 'ON'. AFTER CLOSE OF BUSINESS. 'FLASH' LIGHTS FOR OCCUPANT NOTIFICATION OF BUILDING TIMESWEEP EVENT. LOW VOLTAGE DATALINE SWITCH OVERRIDE TO RESET ONE HOUR TIMER. LOCAL LOW VOLTAGE DATALINE SWITCH OVERRIDE 'OFF'
- F LOCAL LOW VOLTAGE DATALINE SWITCH 'ON'. BUILDING TIMESWEEP 'OFF'. 'FLASH' LIGHTS FOR OCCUPANT NOTIFICATION OF BUILDING TIMESWEEP EVENT. LOW VOLTAGE DATALINE SWITCH OVERRIDE TO RESET ONE HOUR TIMER. LOW VOLTAGE DATALINE SWITCH OVERRIDE TO OFF.
- G BUILDING TIMESWEEP OR LOCAL OCC SENSOR 'ON'. BUILDING TIMESWEEP/OCC SENSOR CONFIRM 'OFF'. OCC SENSOR OVERRIDE TO RESET ONE HOUR TIMER.

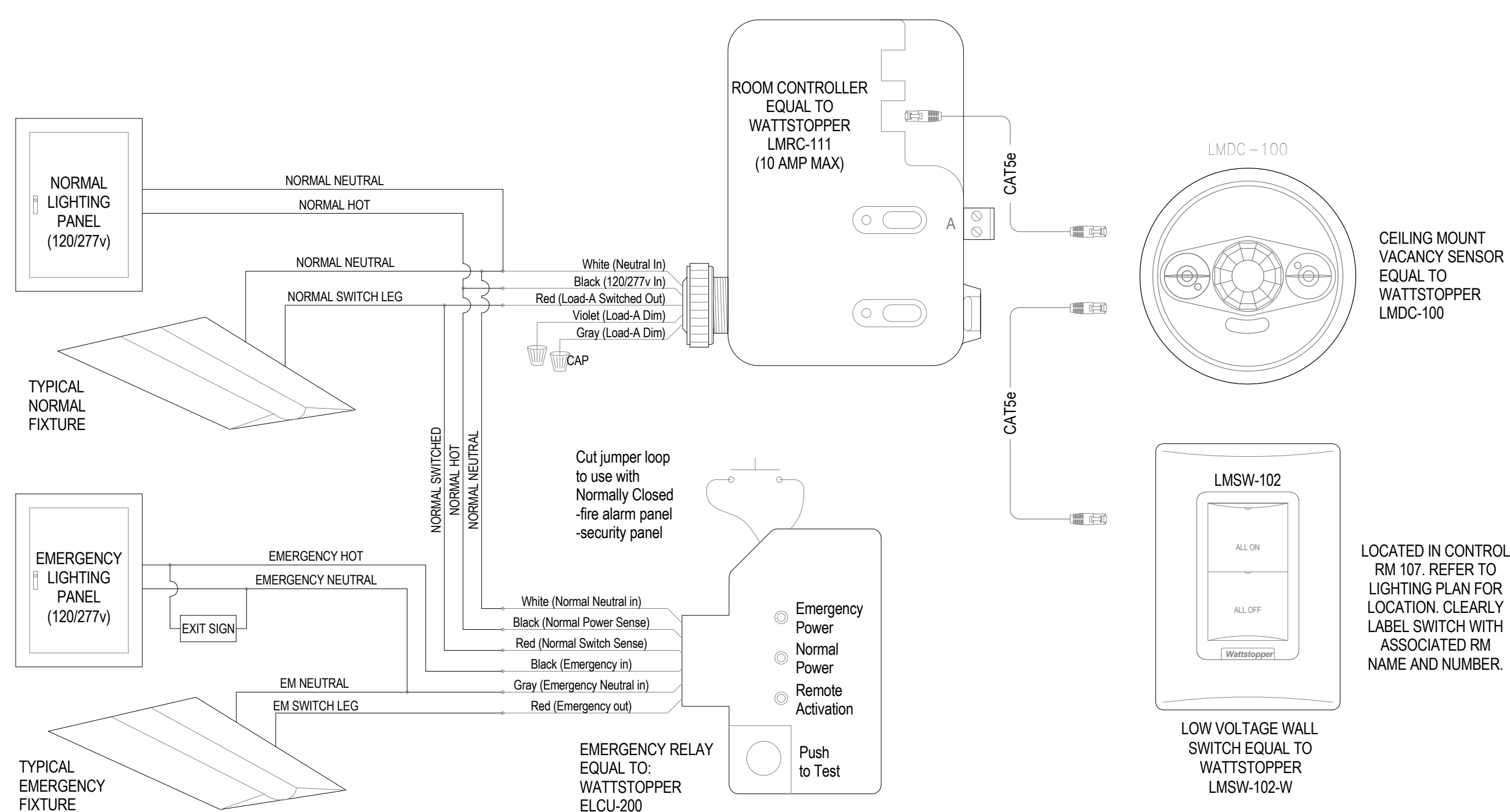
LIGHTING CONTROL GENERAL NOTES

- A. THE DIAGRAMS ARE NOT INTENDED TO SHOW EXACT QUANTITIES OF DEVICES. REFER TO PLAN FOR ESTIMATED DEVICE QUANTITIES AND LOCATIONS.
- B. THE DIAGRAMS REPRESENT A TYPICAL SYSTEM AND ARE NOT INTENDED FOR INSTALLATION. SYSTEM SUPPLIER SHALL PROVIDE INSTALLATION DRAWINGS AND WIRING DIAGRAMS.
- C. PROVIDE ADDITIONAL POWER AND CONTROL MODULES AS RECOMMENDED BY THE SYSTEM SUPPLIER.
- D. E.C. SHALL COORDINATE FIELD PROGRAMMING OF LIGHTING CONTROL SYSTEM WITH SYSTEM PROGRAMMER, SPECIFYING ENGINEER, AND OWNER TO ENSURE PROPER OPERATION AND TIME SCHEDULES.
- E. ALL EMERGENCY AND EXIT LIGHTING CIRCUITS SHALL BE CONNECTED TO CONTINUOUS POWER SOURCE AHEAD OF RELAY PANEL OR INDIVIDUAL RELAY COMPONENTS.
- F. SYSTEM PROGRAMMER SHALL COORDINATE A TRAINING SESSION WITH THE OWNER, TENANTS, AND THEIR REPRESENTATIVES PRIOR TO BUILDING OCCUPANCY.
- G. INSTALL ALL CEILING SENSORS MINIMUM OF 6FT CLEAR OF DUCT REGISTERS.
- H. ALL DATA LINE SWITCHES SHALL INCLUDE CUSTOM ENGRAVED LABEL INDICATING FUNCTION OF SWITCH. COORDINATE EXACT LABEL DESCRIPTIONS WITH OWNER PRIOR TO INSTALLATION.

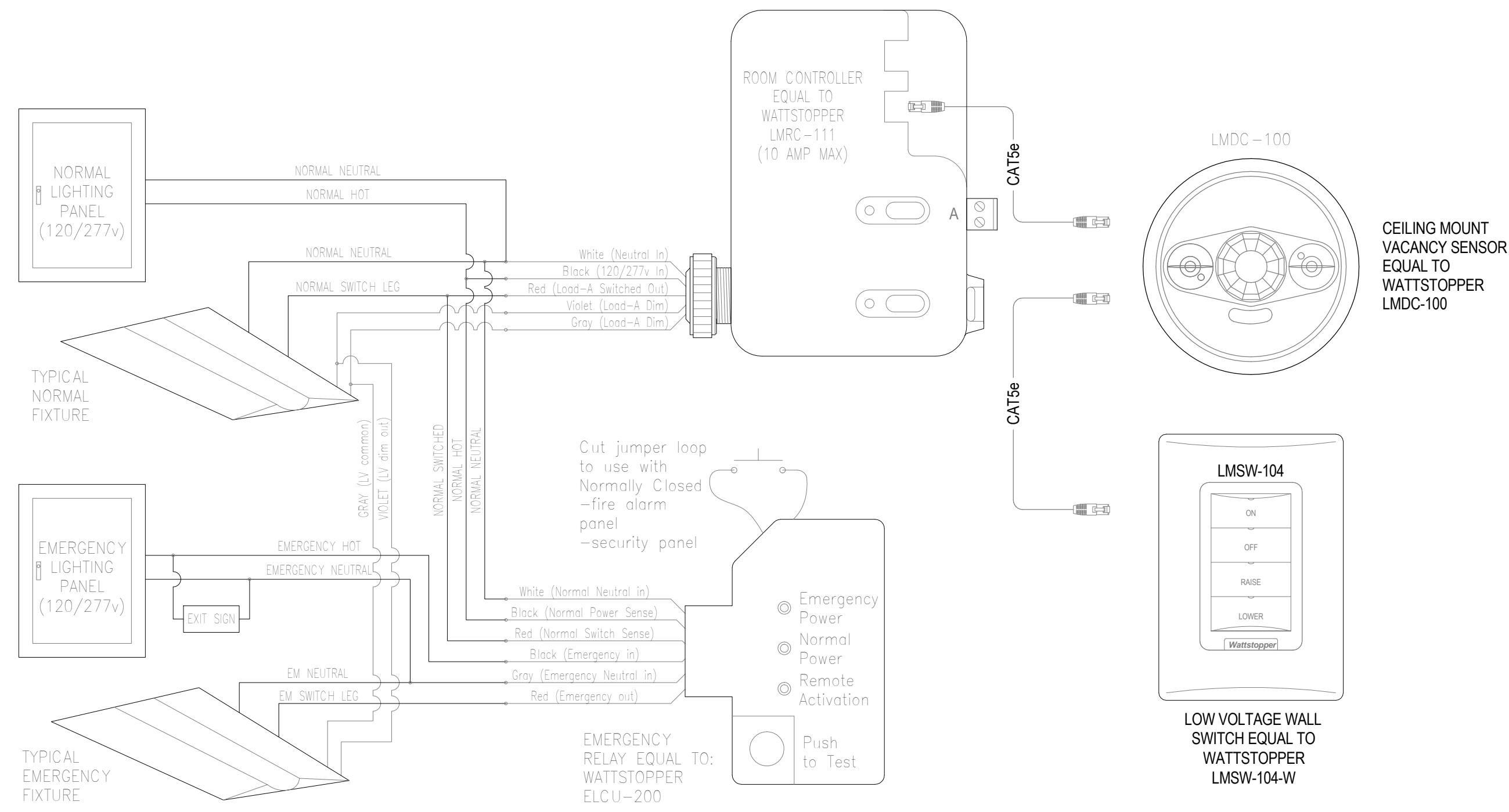
Lighting Space and Zones			Sequence of Operations										Low Voltage Switch Matrix					LTG Control Detail # OR Detail Reference
Space Type	Room Number	Description	CONTROL SCENARIOS										CONNECT TO NON-NETWORKED LOCAL ROOM CONTROL					
			Manual On	Manual Off	Dimming	Multi-Level Control	Timesock On	Timesock Off	Occupancy Sensor On	Vacancy Sensor Off	Daylight Harvesting	Photo Sensor On	SL1 (1-Button)	SL2 (2-Button)	SL3 (3-Button)	SL4 (4-Button)	SLK (Keyed Switch)	
SEC. CORRIDOR	TYPICAL		X	X					X	X				X				
CONTROL ROOM	107		X	X	X				X						X			
OFFICE	TYPICAL		X	X					X								X	
POD	TYPICAL		X	X										X				
DAYROOM	TYPICAL		X	X										X				
ELEC. RM	102		X	X										X				
CANOPY	n/a											X						
BLDG. EXT. SECURITY LIGHTING	n/a											X						



TYPICAL EMERGENCY LIGHTING RELAY CONNECTION
NTS



LIGHTING CONTROL DETAIL #1
NTS



LIGHTING CONTROL DETAIL #2
NTS



PROJECT:
BAY COUNTY JAIL DRUG REHAB. FACILITY
5700 STAR AVE
PANAMA CITY, FL 32404

CONSULTANT:
CONSULTANT:

CONSULTANT:
CONSULTANT:

CONSULTANT:
CONSULTANT:

SEAL:
SEAL:

CONSTRUCTION DOCUMENTS

SCALE:	DATE:
NTS	9/15/23
DRAWN BY:	CHECKED BY:
KS/RT	DW

NO	REVISION	DATE
1	ADDENDUM #1	5/24/2024

SHEET TITLE:
LIGHTING FIXTURE SCHEDULE & CONTROL MATRIX

PROJECT NO. SHEET NO.
4223-07 E5.20



HG Engineers
621 N. Tynard Pkwy, Suite C
Panama City, Florida, 32404
E-mail: office@hgengineers.com
PH: 850.243.6723
FL Authorization No. 00006680
Christopher A. Garck, FL PE No. S3924
Thomas A. Alexander, FL PE No. 73172
Daniel J. White, FL PE No. 73790
Caleb W. Leonard, FL PE No. 91782

23006
Job No.

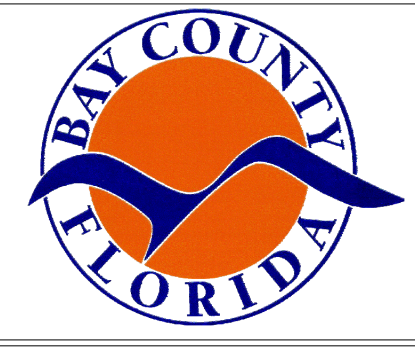
HLS		MAIN 60 A MCB SYSTEM 480Y/277V 3P 4W OPTIONS BOLT ON BREAKERS				A.I.C. RATING 22K AIC MIN NEMA 1				LOCATION ELECT. 102 MOUNTING Surface			
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT			
1	EM LTG - 41, A-1-3, D-1-3, SC-1, 104, 105	20 A	1	962 VA	162 VA			1	20 A	EM LTG - EXTERIOR BLDG	2		
3	EM LTG - RMS 101, 102, 103, 107, 109, C-1-3, B1-3, NC-1	20 A	1			997 VA	228 VA	1	20 A	EM LTG - CANOPY	4		
5	LIGHTING - POD C & B, MECH CHASE NC-1	20 A	1				487 VA	0 VA	1	20 A	SPARE	6	
7	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	8		
9	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	10		
11	SPARE	20 A	1			0 VA	0 VA	1	20 A	SPARE	12		
13	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	14		
15	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	16		
17	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	18		
19	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	20		
21	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	22		
23	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	24		
25	SPACE ONLY	--	1	--	0 VA	--	--	1	--	SPACE ONLY	26		
27	SPACE ONLY	--	1	--	--	0 VA	--	3	30 A	SURGE PROTECTIVE DEVICE	28		
29	SPACE ONLY	--	1	--	--	--	0 VA				30		
		POWER/PHASE AMPS/PHASE		1124 VA 4 A	1225 VA 5 A	487 VA 2 A							
LOAD CLASS		CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD		TOTALS					
Lighting - General		457 VA		125.00%		609 VA		CONNECTED POWER 2236 VA					
Other		2349 VA		100.00%		2349 VA		DEMAND POWER 2349 VA					
								CONNECTED AMPS 3 A					
								DEMAND AMPS 4 A					

LF		MAIN 100 A MCB SYSTEM 208Y/120V 3P 4W OPTIONS BOLT ON BREAKERS				A.I.C. RATING 10K AIC MIN NEMA 1				LOCATION ELECT. 102 MOUNTING Surface			
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT			
1	REC - OFFICE 101	20 A	1	1360 VA	720 VA			1	20 A	REC - RMS 102, 103, NC-1, SC-1, EXT	2		
3	REC - OFFICE 104	20 A	1			1360 VA	1220 VA	1	20 A	REC - OFFICE 105, EXT	4		
5	REC - MECH PLATFORM	20 A	1				360 VA	1000 VA	1	20 A	REC - COPIER	6	
7	RECEPTACLE ROOM A-1, D-1	20 A	1	360 VA	0 VA			1	20 A	SPARE	8		
9	SPARE (FUTURE USE)	20 A	1			360 VA	0 VA	1	20 A	SPARE	10		
11	SPARE	20 A	1			0 VA	0 VA	1	20 A	SPARE	12		
13	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	14		
15	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	16		
17	SPARE	20 A	1			0 VA	0 VA	1	20 A	SPARE	18		
19	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	20		
21	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	22		
23	SPARE	20 A	1			0 VA	0 VA	1	20 A	SPARE	24		
25	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	26		
27	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	28		
29	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	30		
31	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	32		
33	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	34		
35	SPACE ONLY	--	1	--	0 VA	--	--	1	--	SPACE ONLY	36		
37	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	38		
39	SPACE ONLY	--	1	--	--	0 VA	--	3	30 A	SURGE PROTECTIVE DEVICE	40		
41	SPACE ONLY	--	1	--	--	--	0 VA				42		
		POWER/PHASE AMPS/PHASE		2440 VA 22 A	2940 VA 26 A	1360 VA 11 A							
LOAD CLASS		CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD		TOTALS					
Spare		360 VA		100.00%		360 VA		CONNECTED POWER 6740 VA					
Receptacle		360 VA		100.00%		360 VA		DEMAND POWER 6740 VA					
								CONNECTED AMPS 19 A					
								DEMAND AMPS 19 A					

MECHANICAL EQUIPMENT SCHEDULE																				
(VERIFY ALL EQUIPMENT CIRCUIT REQUIREMENTS WITH MANUFACTURERS SHOP DRAWINGS PRIOR TO ROUGH-IN)																				
EQUIPMENT DESIGNATION	DESCRIPTION	CFM	VOLT	Ø	ELECTRICAL LOAD					PROTECTION			CONDUCTOR / CONDUIT SIZE				DISC.	REMARKS		
					MOTOR(S) FLA	LARGEST	SUM OF REMAINING	ELECTRIC HEAT KW	OTHER VA	TOTAL CONNECTED VA	MCA	MOP	TRIP	POLE	CONDUCTORS					
															SIZE	QTY.			SIZE	QTY.
AHU-A,B,C,D	AIR HANDLER UNIT	480	3			9.96	9960	19	20	3	1	4	#12	#12	3/4"	30/3/1				
EF-1	EXHAUST FAN	460	120	1	3.8		456	4.8	15	15	1	1	2	#12	#12	3/4"	MOTOR SWITCH	INTERLOCK WITH AHU-A & AHU-D		
HP-A,B,C,D	HEAT PUMP	480	3	3	6.1	7.2	11057	15	20	20	3	1	4	#12	#12	3/4"	30/3/3R			
IWH-1	ELECTRIC WATER HEATER	480	3			43.2	43200	52	60	60	3	1	4	#6	#10	1"	60/3/1			
IWH-2	ELECTRIC WATER HEATER	120	1			3.6	3600	30	35	35	1	1	2	#8	#10	3/4"	60/1/1			
MHP-1	MINI-SPLIT HEAT PUMP	1590	208	1	2	7	0.5	1560	11	28	25	2	1	3	#10	#10	3/4"	30/2/3R		
WM-1.1	MINI-SPLIT WALL MOUNT UNIT	455	208	1	1	0.19		40	1	15	15	2	1	3	#12	#12	3/4"	MOTOR SWITCH	INDOOR UNIT IS POWERED BY OUTDOOR UNIT	
MHP-2	MINI-SPLIT HEAT PUMP	1590	208	1	2	7	0.5	1560	11	28	25	2	1	3	#10	#10	3/4"	30/2/3R		
WM-2.1	MINI-SPLIT WALL MOUNT UNIT	455	208	1	1	0.19		40	1	15	15	2	1	3	#12	#12	3/4"	MOTOR SWITCH	INDOOR UNIT IS POWERED BY OUTDOOR UNIT	

EHF		MAIN 100 A MCB SYSTEM 480Y/277V 3P 4W OPTIONS BOLT ON BREAKERS				A.I.C. RATING 22K AIC MIN NEMA 1				LOCATION ELECT. 102 MOUNTING Surface			
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT			
1	PANEL ELF (VIA XFMR T-ELF)	45 A	3	3076 VA	3320 VA			3	20 A	AHU-A - MECH PLATFORM	4		
5						6456 VA	3320 VA				6		
9	AHU-D - MECH PLATFORM	20 A	3	3320 VA	3320 VA			3	20 A	AHU-B - MECH PLATFORM	10		
11						5140 VA	3320 VA				12		
13								1	20 A	SPARE	14		
15	AHU-C - MECH PLATFORM	20 A	3	3320 VA	0 VA			3	20 A	SPARE	16		
17						3320 VA	0 VA				18		
19	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	20		
21	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	22		
23	SPARE	20 A	1			0 VA	0 VA	1	20 A	SPARE	24		
25	SPARE	20 A	1	0 VA	--			1	--	SPACE ONLY	26		
27	SPARE	20 A	1		0 VA	--		1	--	SPACE ONLY	28		
29	SPARE	20 A	1			3320 VA	0 VA	1	--	SPACE ONLY	30		
31	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	32		
33	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	34		
35	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	36		
37	SPACE ONLY	--	1	--	0 VA	--	--	1	--	SPACE ONLY	38		
39	SPACE ONLY	--	1	--	--	0 VA	--	3	30 A	SURGE PROTECTIVE DEVICE	40		
41	SPACE ONLY	--	1	--	--	--	0 VA				42		
		POWER/PHASE AMPS/PHASE		16356 VA 59 A	19736 VA 72 A	18420 VA 68 A							
LOAD CLASS		CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD		TOTALS					
Other		1000 VA		100.00%		1000 VA		CONNECTED POWER 54512 VA					
Spare		1896 VA		100.00%		1896 VA		DEMAND POWER 54512 VA					
Receptacle		500 VA		100.00%		500 VA		CONNECTED AMPS 66 A					
Equipment		2876 VA		100.00%		2876 VA		DEMAND AMPS 66 A					
Mechanical Equipment		44520 VA		100.00%		44520 VA							

ELF		MAIN 100 A MCB SYSTEM 208Y/120V 3P 4W OPTIONS BOLT ON BREAKERS				A.I.C. RATING 10K AIC MIN NEMA 1				LOCATION ELECT. 102 MOUNTING Surface			
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT			
1	ACS PANEL - COMM. 106	20 A	1	500 VA	540 VA			1	20 A	REC - COMM. 106	2		
3	EF-2 - MECH. CHASE SC-1	15 A	1			456 VA	1000 VA	1	20 A	FIRE ALARM CONTROL PANEL - FACP	4		
5	CCTV PANEL - COMM. 106	20 A	1				500 VA	1080 VA	1	20 A	SECURED DOOR LOCKS	6	
7	COMM CABINET - COMM 106	20 A	1	500 VA	0 VA			1	20 A	SPARE	8		
9	REC - CONTROL RM 107	20 A	1			1180 VA	1580 VA	2	25 A	MINI-SPLIT SYSTEM - COMM. 106	10		
11	REC - CONTROL RM 107	20 A	1				1000 VA	1580 VA	1	20 A	SPARE (FUTURE USE)	12	
13	SECURED DOOR LOCKS	20 A	1	1080 VA	456 VA			1	15 A	SPARE (FUTURE USE)	14		
15	MINI-SPLIT SYSTEM - ELECT. 102	25 A	2			800 VA	1440 VA	1	20 A	SECURED GATE POWER	16		
17						800 VA	180 VA	1	20 A	SPARE	18		
19	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	20		
21	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	22		
23	SPARE	20 A	1			0 VA	0 VA	1	20 A	SPARE	24		
25	SPARE	20 A	1	0 VA	0 VA			1	20 A	SPARE	26		
27	SPARE	20 A	1		0 VA	0 VA		1	20 A	SPARE	28		
29	SPARE	20 A	1			0 VA	--	1	--	SPACE ONLY	30		
31	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	32		
33	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	34		
35	SPACE ONLY	--	1	--	--	--	--	1	--	SPACE ONLY	36		
37	SPACE ONLY	--	1	--	0 VA	--	--	1	--	SPACE ONLY	38		
39	SPACE ONLY	--	1	--	--	0 VA	--	3	30 A	SURGE PROTECTIVE DEVICE	40		
41	SPACE ONLY	--	1	--	--	--	0 VA				42		
		POWER/PHASE AMPS/PHASE		3076 VA 26 A	6456 VA 56 A	5140 VA 45 A							
LOAD CLASS		CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD		TOTALS					
Other		1000 VA		100.00%		1000 VA		CONNECTED POWER 14672 VA					
Spare		1896 VA		100.00%		1896 VA		DEMAND POWER 14672 VA					
Receptacle		500 VA		100.00%		500 VA		CONNECTED AMPS 41 A					
Equipment		2876 VA		100.00%		2876 VA		DEMAND AMPS 41 A					
Mechanical Equipment		4680 VA		100.00%		4680 VA							



PROJECT:
BAY COUNTY JAIL DRUG REHAB. FACILITY
5700 STAR AVE
PANAMA CITY, FL. 32404

CONSULTANT:

CONSULTANT:

CONSULTANT:

SEAL:

CONSTRUCTION DOCUMENTS

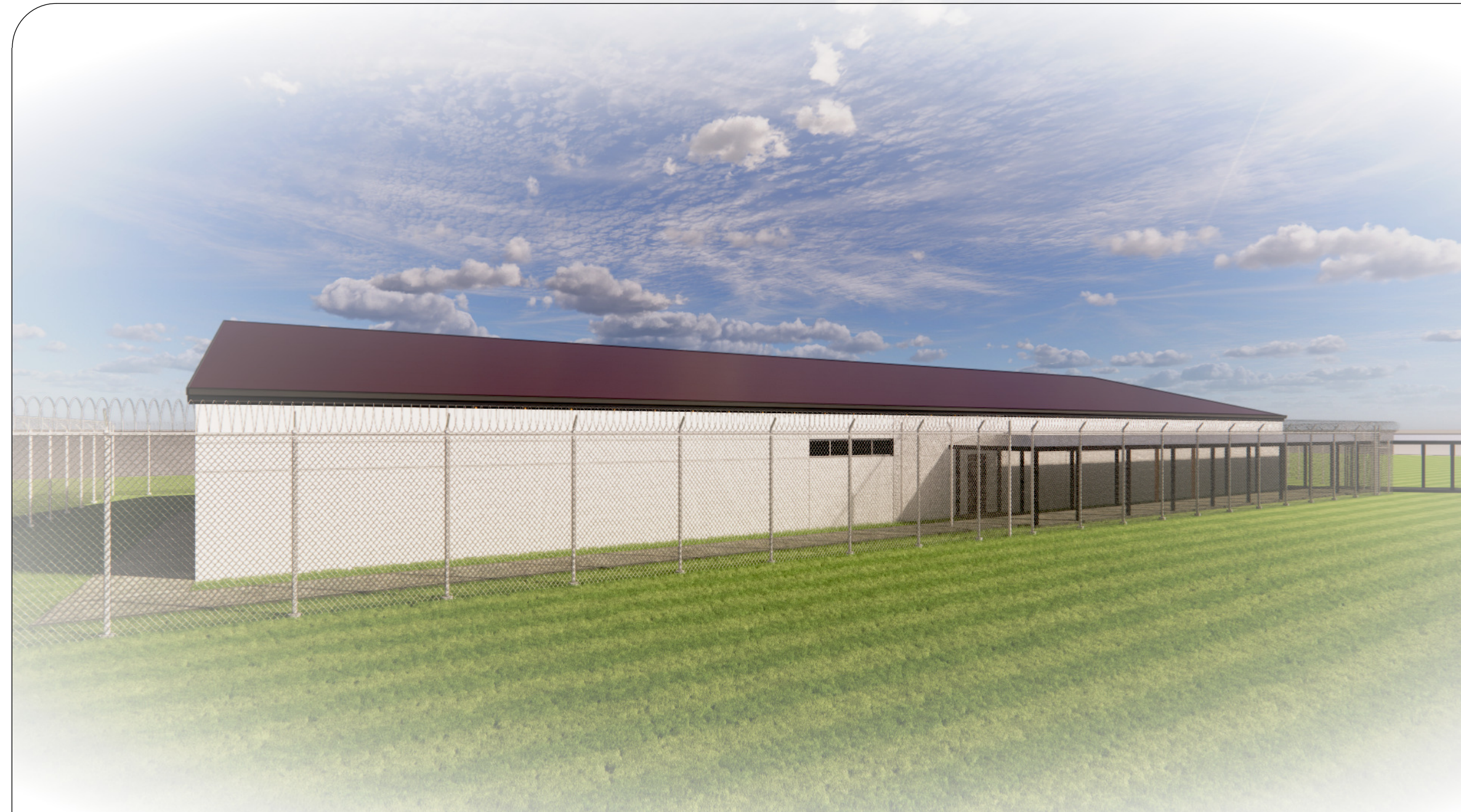
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	9/15/23	
DRAWN BY:	CHECKED BY:	
KS/RT	DW	
NO	REVISION	DATE
1	ADDENDUM #1	5/24/2024

SHEET TITLE:
PANEL SCHEDULES & MECH EQUIPMENT SCHEDULE

PROJECT NO. SHEET NO.
4223-07 E7.03



HG Engineers
621 N. Tynard Pkwy, Suite C
Panama City, Florida, 32404
E-mail: office@hgengineers.com
PH: 850.243.6723
FL Authorization No. 00006680
Christopher A. Garck, FL PE No. 53924
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Daniel J. White, FL PE No. 73790
Caleb W. Leonard, FL PE No. 91782



BAY COUNTY JAIL SUBSTANCE ABUSE UNIT

5700 STAR LANE
PANAMA CITY, FL 32404



BID SET CONSTRUCTION DOCUMENTS

APRIL 19TH, 2024

PROJECT:

BAY COUNTY JAIL SUBSTANCE ABUSE UNIT
5700 STAR AVE
PANAMA CITY, FL 32404

CONSULTANT:

Dewberry
DEWBERRY ENGINEERING, INC.
203 ABERDEEN PKWY.
PANAMA CITY, FL 32405
(850) 522-0644

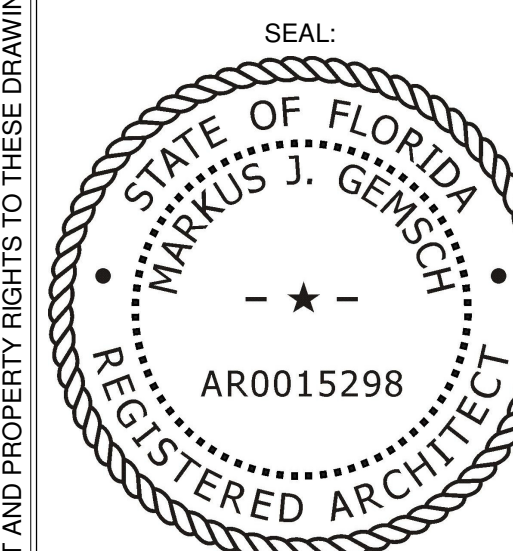
CONSULTANT:

McCarthy
ENGINEERING
MCCARTHY ENGINEERING, INC.
216 E. GOVERNMENT STREET
PENSACOLA, FLORIDA 32502
UNITED STATES
PHONE: (850) 475-1268

CONSULTANT:

WATFORD
ENGINEERING
WATFORD ENGINEERING
4452 CLINTON STREET
MARIANNA, FLORIDA 32446
UNITED STATES
PHONE: (850) 526-3447

SEAL:



CONSTRUCTION DOCUMENTS

SCALE:	DATE:	
As indicated	4/19/24	
DRAWN BY:	CHECKED BY:	
JB	AA	
NO	REVISION	DATE
1	ADDENDUM #1	5/24/24

SHEET TITLE:

COVER SHEET

PROJECT NO. 4223-07
SHEET NO. A0.00

PROJECT RENDERING

GENERAL SYMBOLS

PROJECT DETAILS:

PROJECT SUMMARY:
THE WORK OF THIS CONTRACT INVOLVES A NEW STAND-ALONE, 12,000 SF BUILDING AS INDICATED ON THE SITE PLAN, THE WORK OF THE PROJECT IS DEFINED BY THE CONTRACT DOCUMENTS

THE NEW BUILDING WILL BE CONNECTED TO THE EXISTING JAIL HALLWAY (WHICH IS KNOWN AS THE GREEN MILE) VIA A COVERED WOOD CONST. WALKWAY (APPROX. 250 FT.) AS SHOWN ON SITE PLAN.

DESIGN CODES

- FLORIDA BUILDING CODE, 8TH EDITION (2023) - BUILDING
- FLORIDA BUILDING CODE - 8TH EDITION (2023) - ACCESSIBILITY
- FLORIDA BUILDING CODE - 8TH EDITION (2023) - TEST PROTOCOLS
- FLORIDA BUILDING CODE - 8TH EDITION (2023) - MECHANICAL
- FLORIDA BUILDING CODE - 8TH EDITION (2023) - PLUMBING
- FLORIDA BUILDING CODE - 8TH EDITION (2023) - FUEL GAS
- FLORIDA FIRE PREVENTION CODE, 8TH EDITION (2023)
- NFPA 101- LIFE SAFETY CODE (2023 EDITION)
- FLORIDA MODEL JAIL STANDARDS (2023)

INDEX OF DRAWINGS:

ARCHITECTURAL DRAWING SCHEDULE

SHEET NUMBER	SHEET NAME
A0.00	COVER SHEET
A0.01	SITE PLANS
A0.02	LIFE SAFETY PLAN
A1.00	FLOOR PLAN
A1.01	WALKWAY PLANS
A1.02	DIMENSIONED FLOOR PLAN
A1.21	ENLARGED DIMENSION PLANS
A1.40	REFLECTED CEILING PLANS
A1.50	ROOF PLAN
A2.00	EXTERIOR ELEVATIONS
A3.00	BUILDING SECTIONS
A3.01	BUILDING SECTIONS
A3.02	WALL SECTIONS & DETAILS
A3.05	WALL SECTIONS & DETAILS
A4.00	ENLARGED PLANS, ELEVATION, SECTIONS
A4.01	ELEVATION DETAILS
A4.10	DHM DETAILS
A5.01	DOOR & WINDOW SCHEDULE
A5.02	FINISH PLAN

CIVIL

SHEET NUMBER	SHEET NAME
C1.00	GENERAL NOTES
C1.10	STORM WATER POLLUTION PREVENTION PLAN
C2.00	EXISTING CONDITIONS
C3.00	DEMO & EROSION CONTROL PLAN
C4.00	SITE GEOMETRY PLAN
C5.00	UTILITY PLAN
C6.00	GRADING & DRAINAGE PLAN
C7.00	DETAILS
C8.00	DETAILS

STRUCTURAL

SHEET NUMBER	SHEET NAME
S0.01	GENERAL NOTES
S0.02	WIND PRESSURES
S1.00	FOUNDATION PLAN
S1.10	ROOF FRAMING PLAN
S2.00	WALL SECTIONS
S3.00	CONCRETE DETAILS
S4.00	MASONRY DETAILS
S4.01	MASONRY DETAILS

FIRE PROTECTION

SHEET NUMBER	SHEET NAME
FP0.01	FIRE PROTECTION LEGEND, NOTES AND DETAILS
FP1.00	FIRE PROTECTION PLAN

PLUMBING

SHEET NUMBER	SHEET NAME
P0.01	PLUMBING LEGEND, SCHEDULE, NOTES AND DETAILS
P0.02	PLUMBING DETAILS
P1.00	PLUMBING PLAN
P2.00	PLUMBING RISER DIAGRAMS

MECHANICAL

SHEET NUMBER	SHEET NAME
M0.01	HVAC LEGEND, SCHEDULES, AND NOTES
M0.02	HVAC SCHEDULES
M1.00	HVAC PLAN
M2.00	HVAC DETAILS
M2.01	HVAC DETAILS

ELECTRICAL

SHEET NUMBER	SHEET NAME
E0.00	ELECTRICAL LEGEND AND NOTES
E0.01	ELECTRICAL SITE PLAN
E1.00	FLOOR PLAN - POWER
E1.01	FLOOR PLAN - HVAC POWER
E1.02	FLOOR PLAN - FIRE ALARM
E1.03	FLOOR PLAN - LIGHTING
E4.00	ENLARGED FLOOR PLANS - ELECTRICAL
E5.00	ELECTRICAL DETAILS
E5.01	ELECTRICAL DETAILS
E5.20	LIGHTING FIXTURE SCHEDULE & CONTROL MATRIX
E5.21	LIGHTING CONTROLS DETAILS
E5.30	GROUNDING DETAILS
E6.00	POWER RISER DIAGRAM
E6.01	FIRE ALARM RISER DIAGRAM
E7.02	PANEL SCHEDULES
E7.03	PANEL SCHEDULES & MECH. EQUIP. SCHEDULE

TELECOM

SHEET NUMBER	SHEET NAME
T0.01	TELECOM/SECURITY LEGEND & NOTES
T0.02	TELECOM/SECURITY NOTES
T1.01	TELECOM/SECURITY OVERALL PLAN
T1.11	TELECOM/SECURITY FLOOR PLAN
T2.01	TELECOM DETAILS
T2.02	TELECOM DETAILS
T2.03	TELECOM DETAILS
T3.01	TELECOM SINGLE LINE DIAGRAMS
T4.01	ENLARGED TELECOM - EQUIP. PLAN - TELECOM RM. 106

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PROJECT:

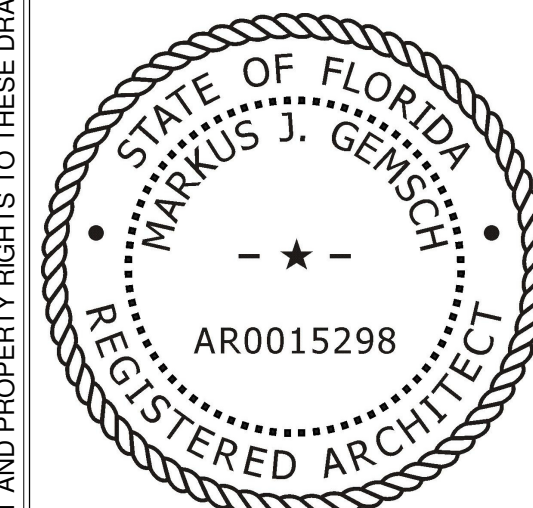
BAY COUNTY JAIL SUBSTANCE ABUSE UNIT
5700 STAR AVE
PANAMA CITY, FL. 32404

CONSULTANT:

CONSULTANT:

CONSULTANT:

SEAL:



CONSTRUCTION DOCUMENTS

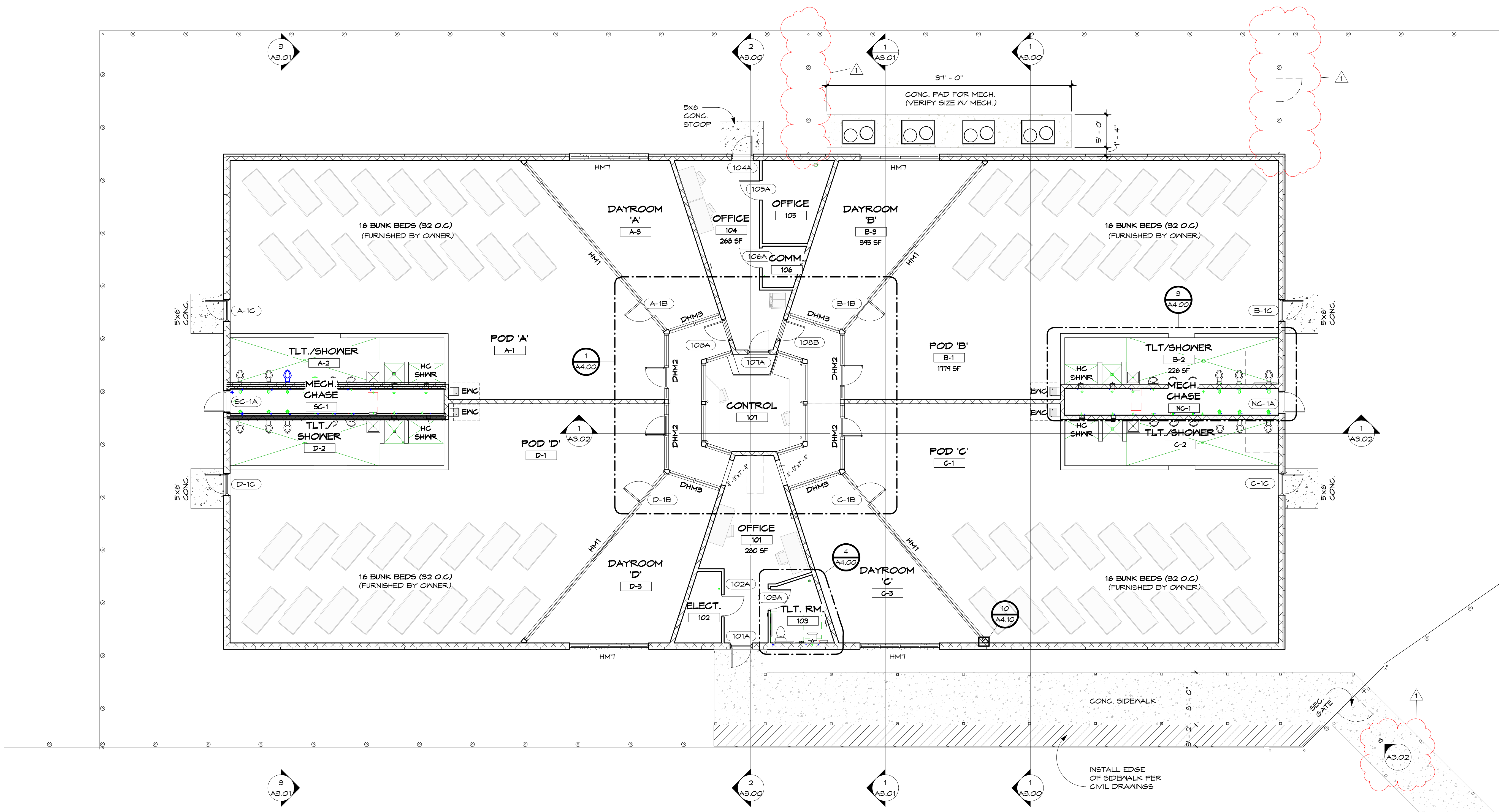
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SHEET TITLE:

FLOOR PLAN

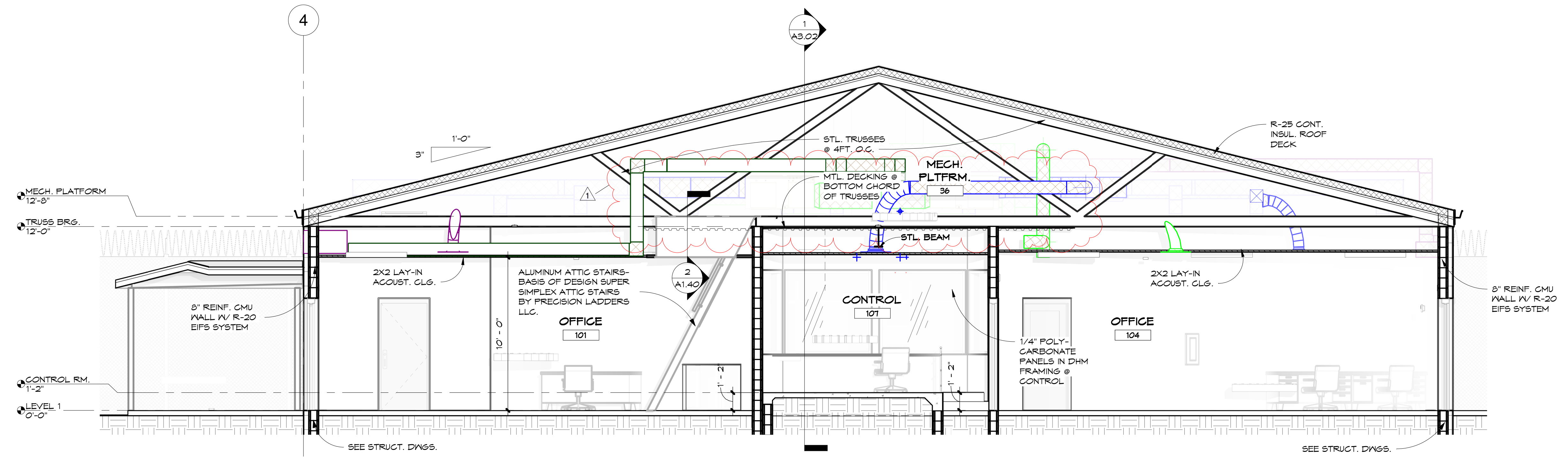
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4223-07 A1.00

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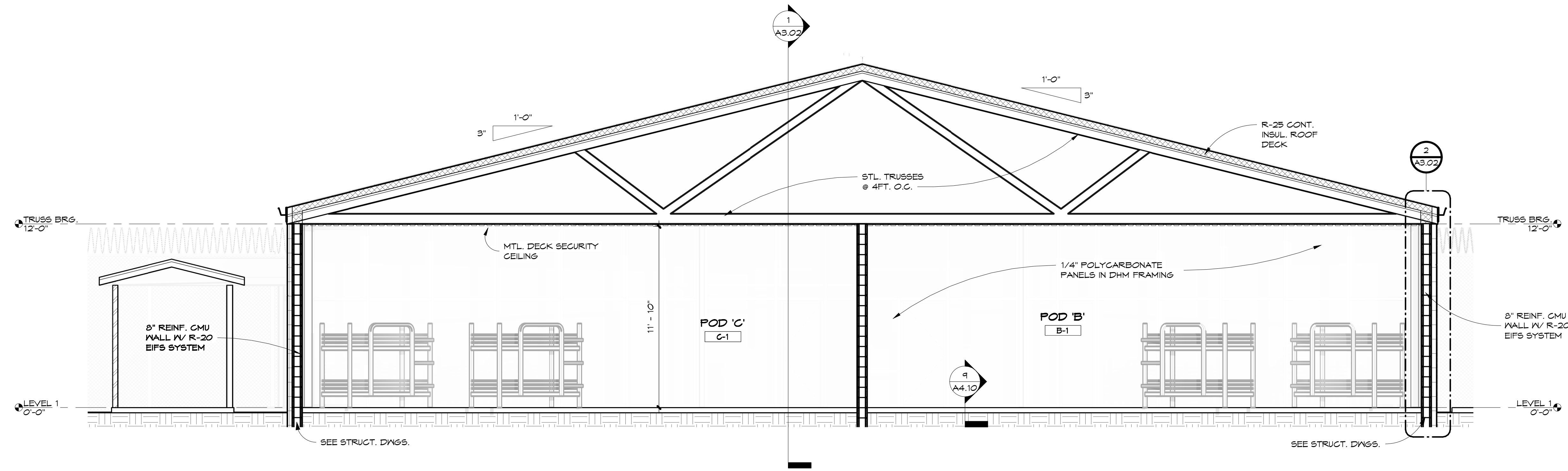


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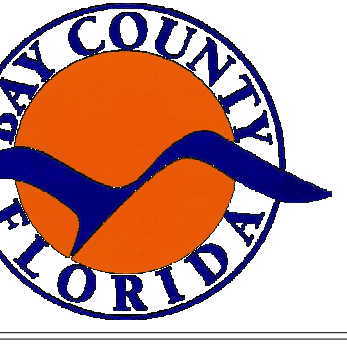
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2 E-W THRU CONTROL
A3.00 1/4" = 1'-0"



1 E-W THRU POD
A3.00 1/4" = 1'-0"



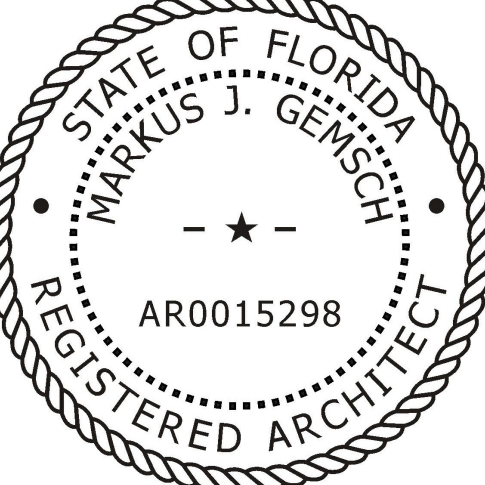
PROJECT:
BAY COUNTY JAIL SUBSTANCE ABUSE UNIT
5700 STAR AVE
PANAMA CITY, FL. 32404

CONSULTANT:

CONSULTANT:

CONSULTANT:

SEAL:



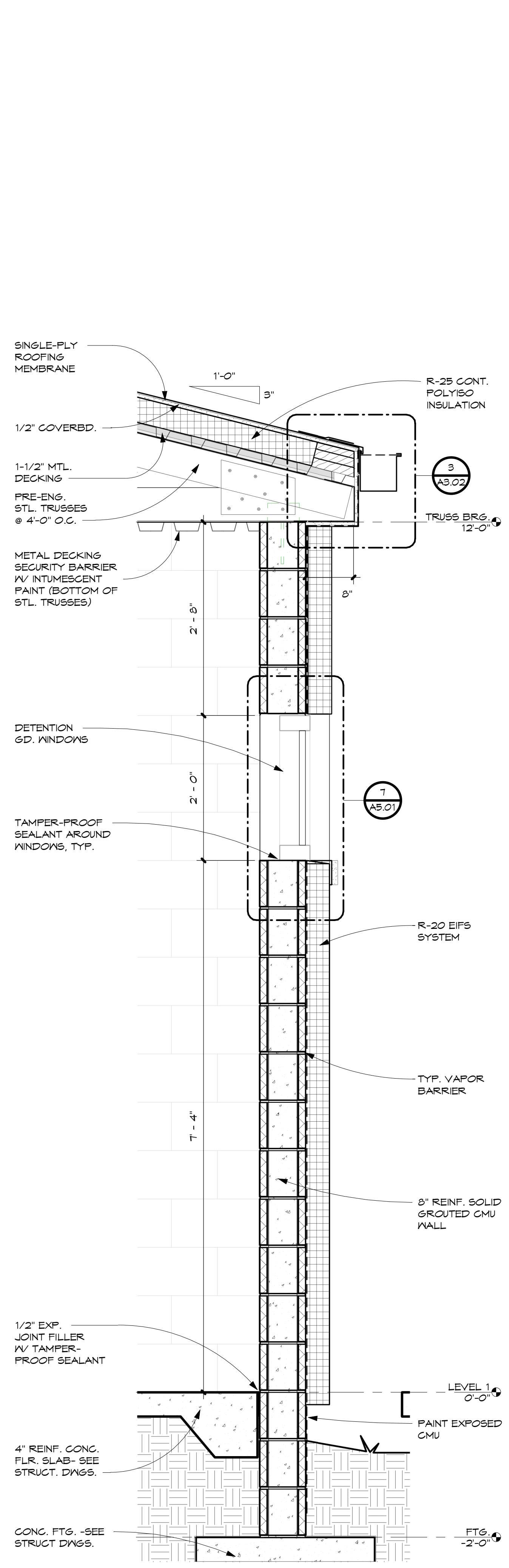
CONSTRUCTION DOCUMENTS

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DRAWN BY: JB	CHECKED BY: AA	
NO 1	REVISION ADDENDUM #1	DATE 5/24/24

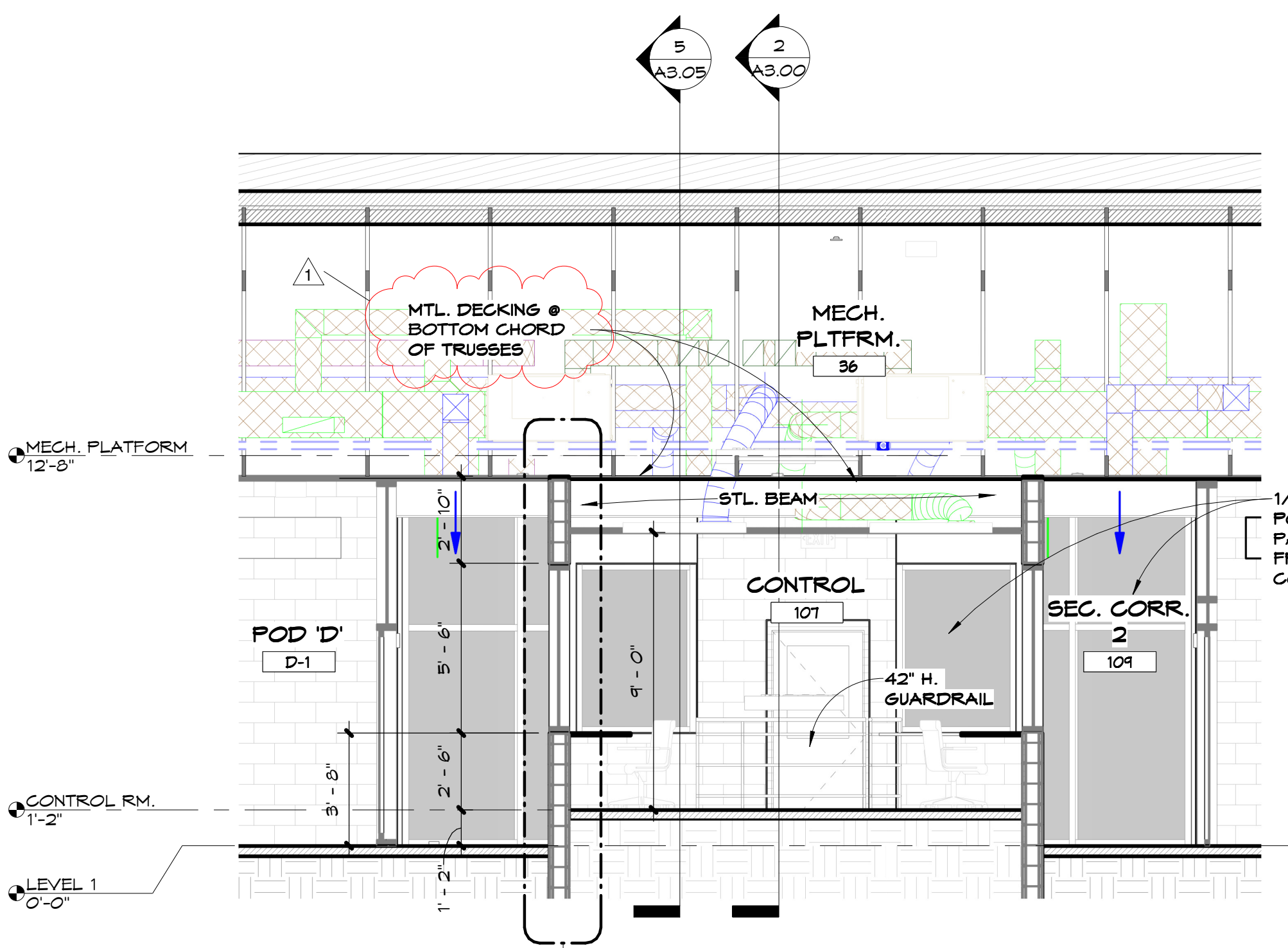
SHEET TITLE:
BUILDING SECTIONS

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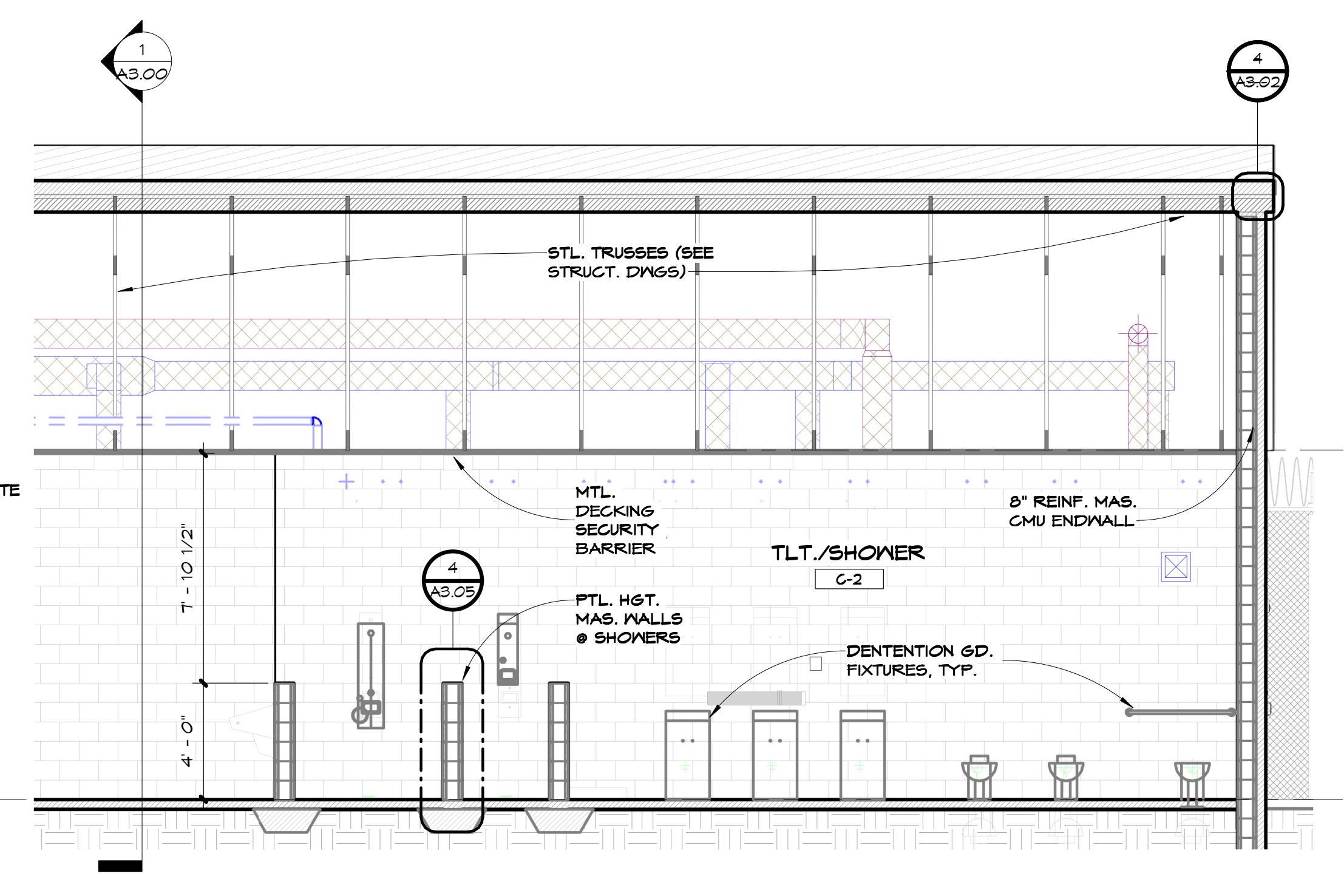
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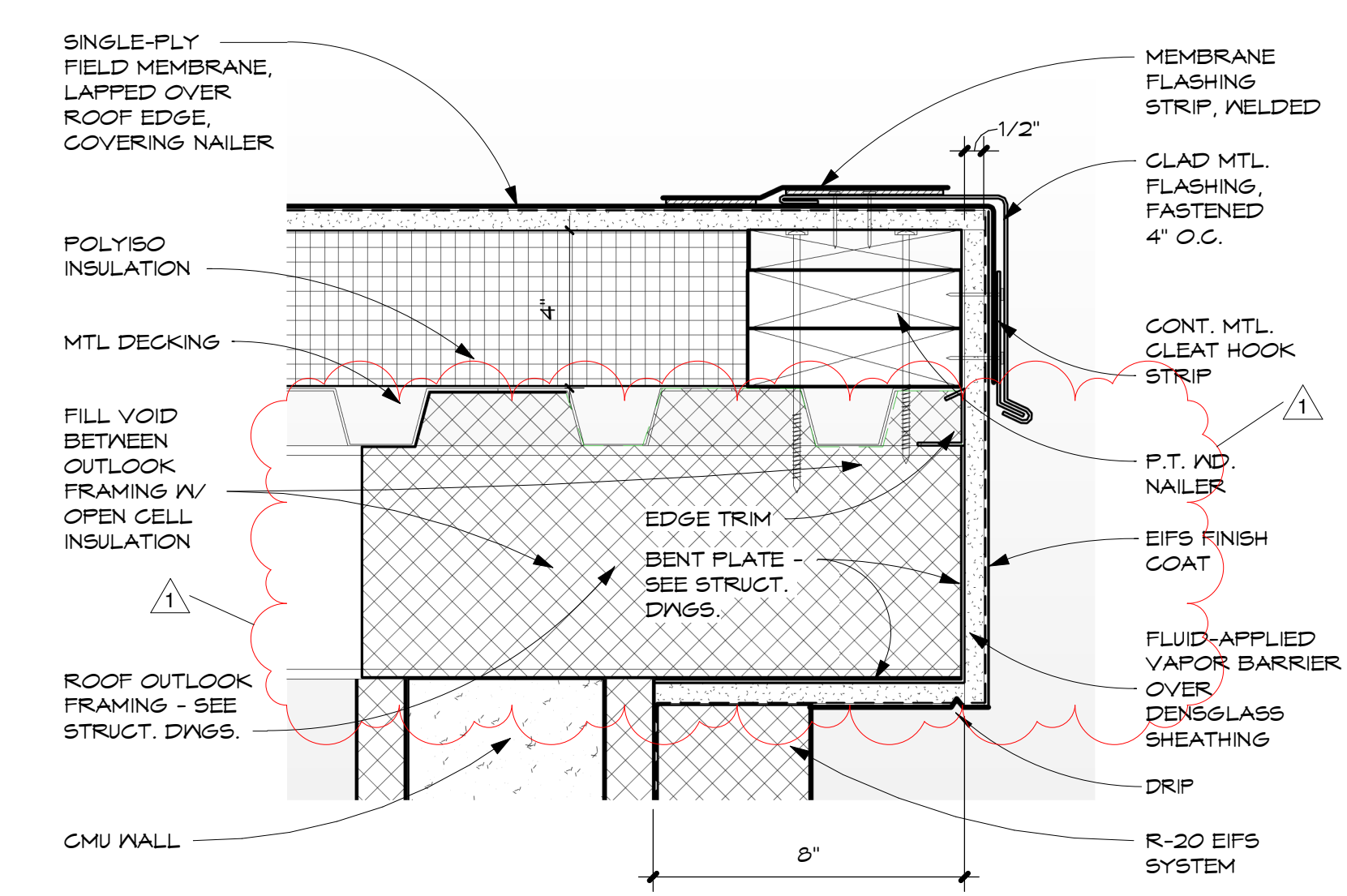
2 TYP. WALL SECTION
 1" = 1'-0"



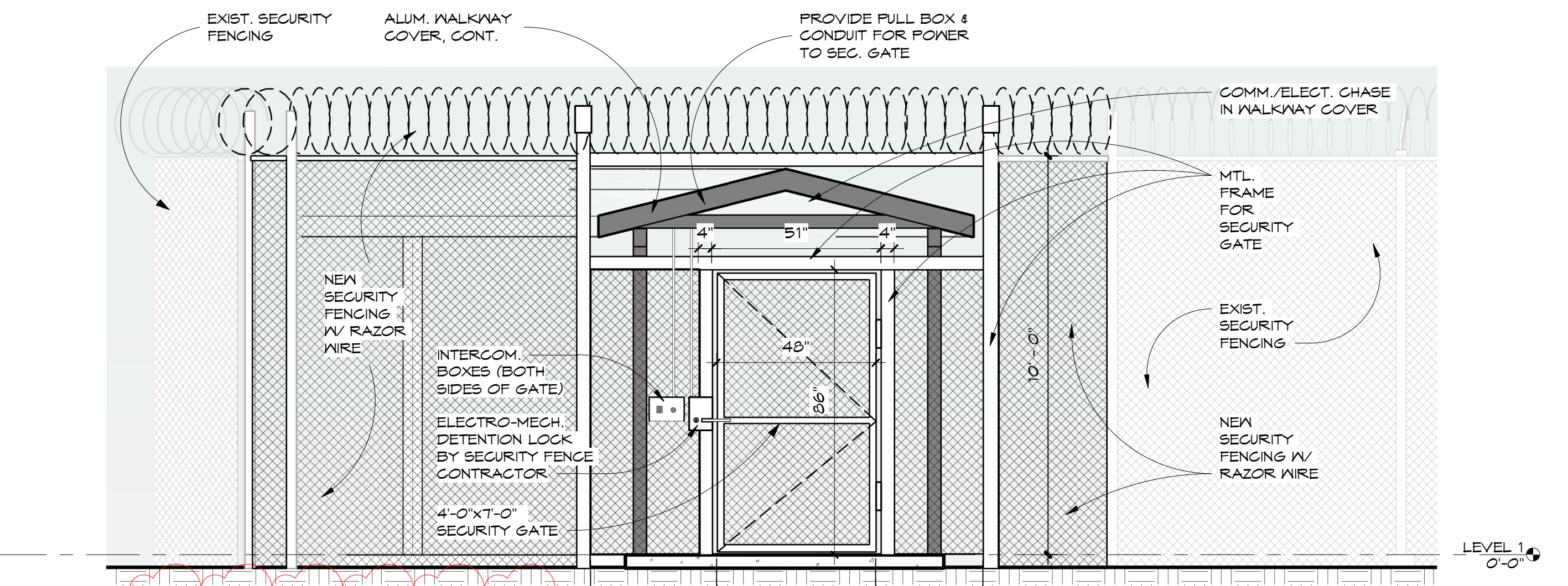
1 N-S THRU POD
 1/4" = 1'-0"



3 TYP. EAVE DETAIL
 3" = 1'-0"



4 EAVE DETAIL - ENDWALL
 3" = 1'-0"



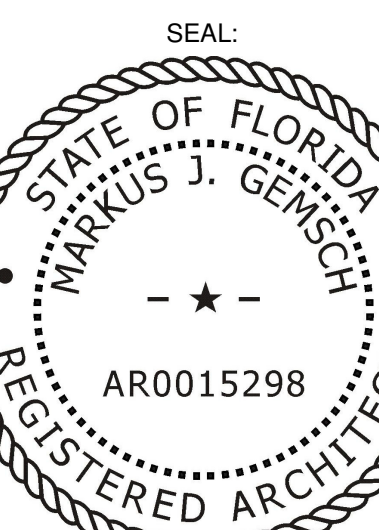
6 SECURITY GATE
 3/8" = 1'-0"



PROJECT:
 BAY COUNTY JAIL SUBSTANCE ABUSE UNIT
 5700 STAR AVE
 PANAMA CITY, FL 32404
 CONSULTANT:

CONSULTANT:

CONSULTANT:

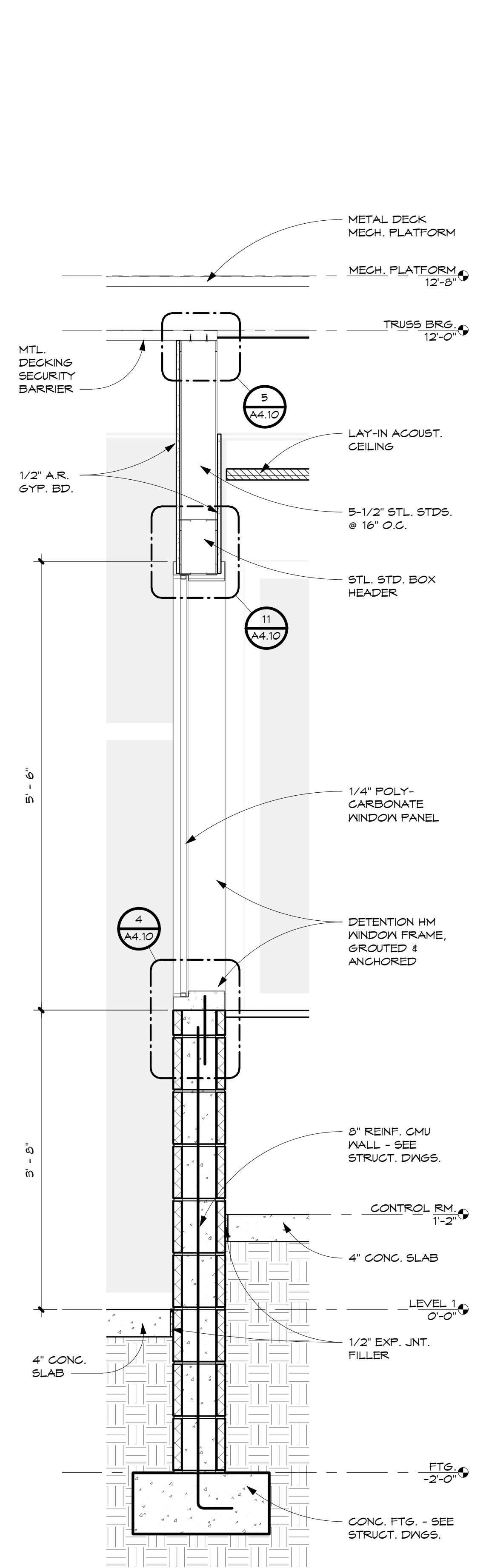


CONSTRUCTION DOCUMENTS

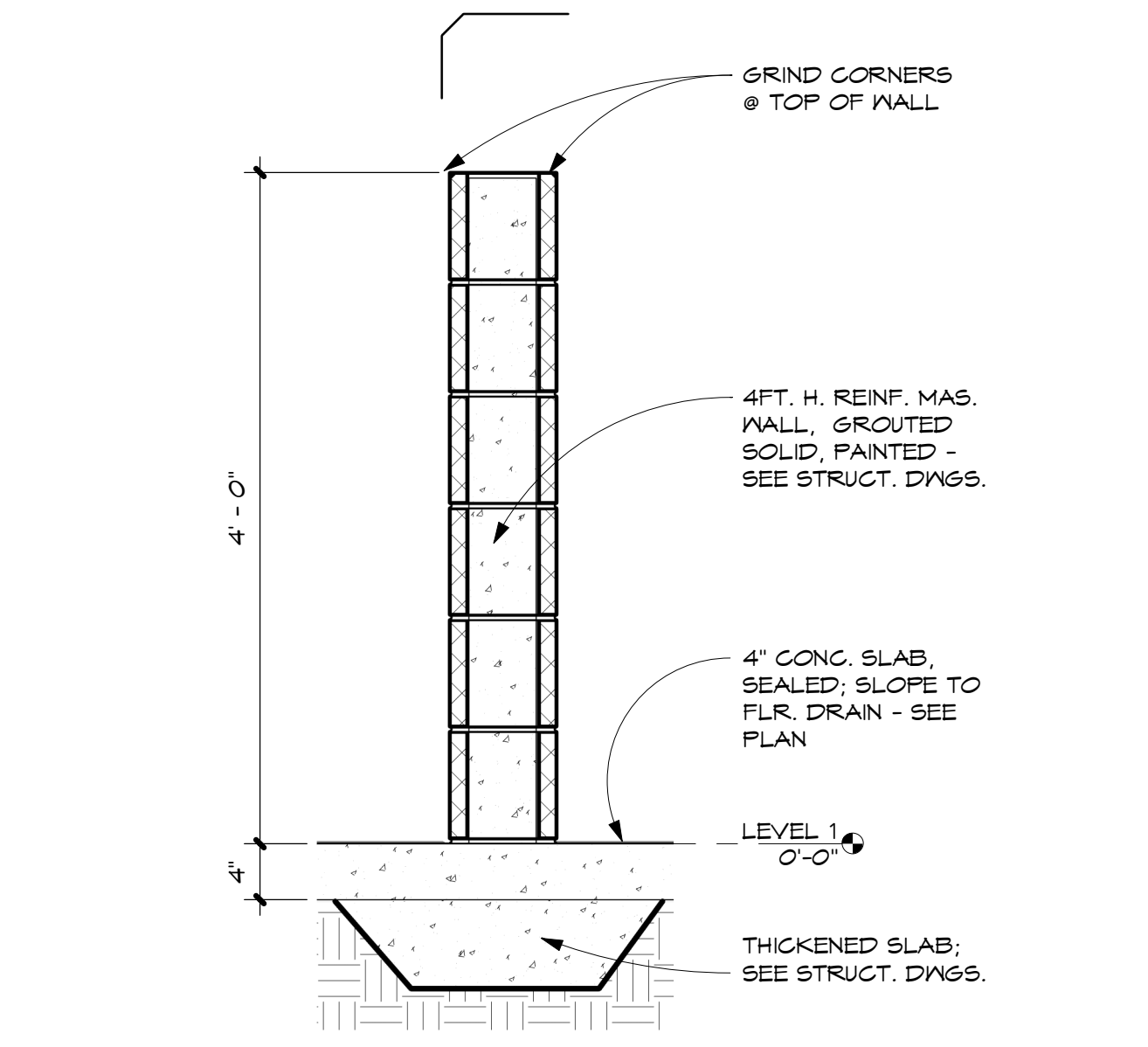
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Author	Checker	
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SHEET TITLE:
WALL SECTIONS & DETAILS

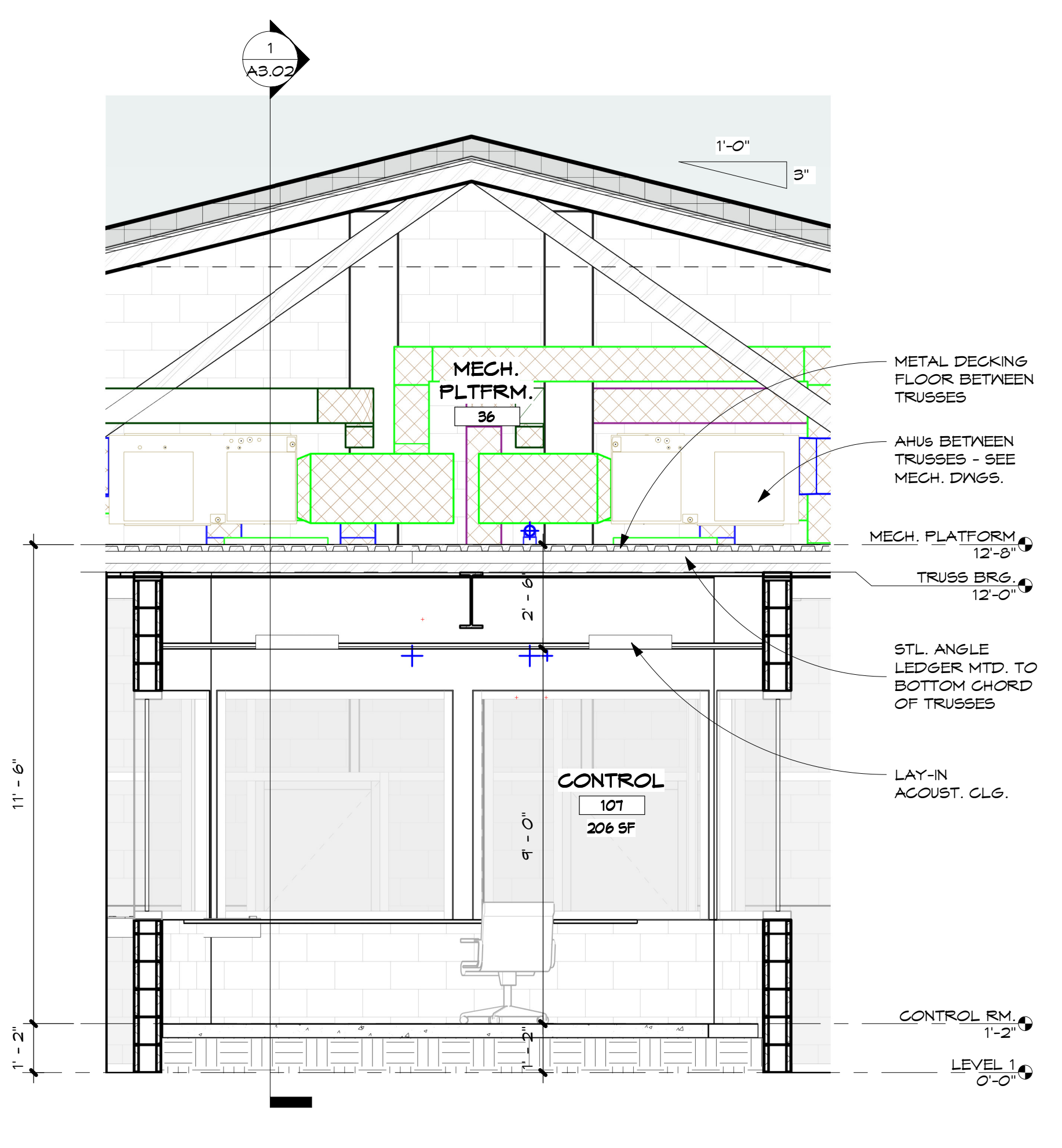
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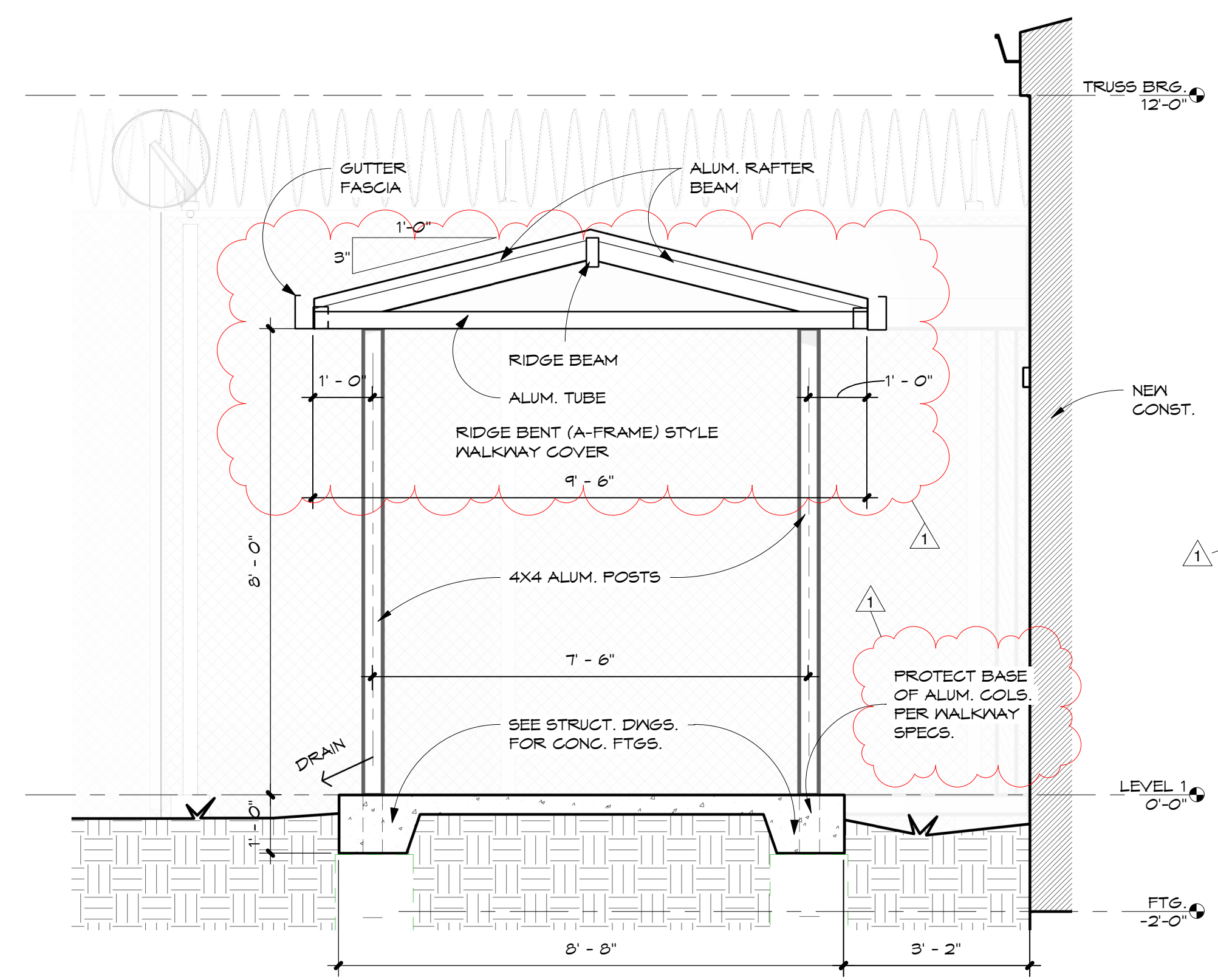
SECTION DETAIL- CONTROL ROOM
 3 A3.05 1" = 1'-0"



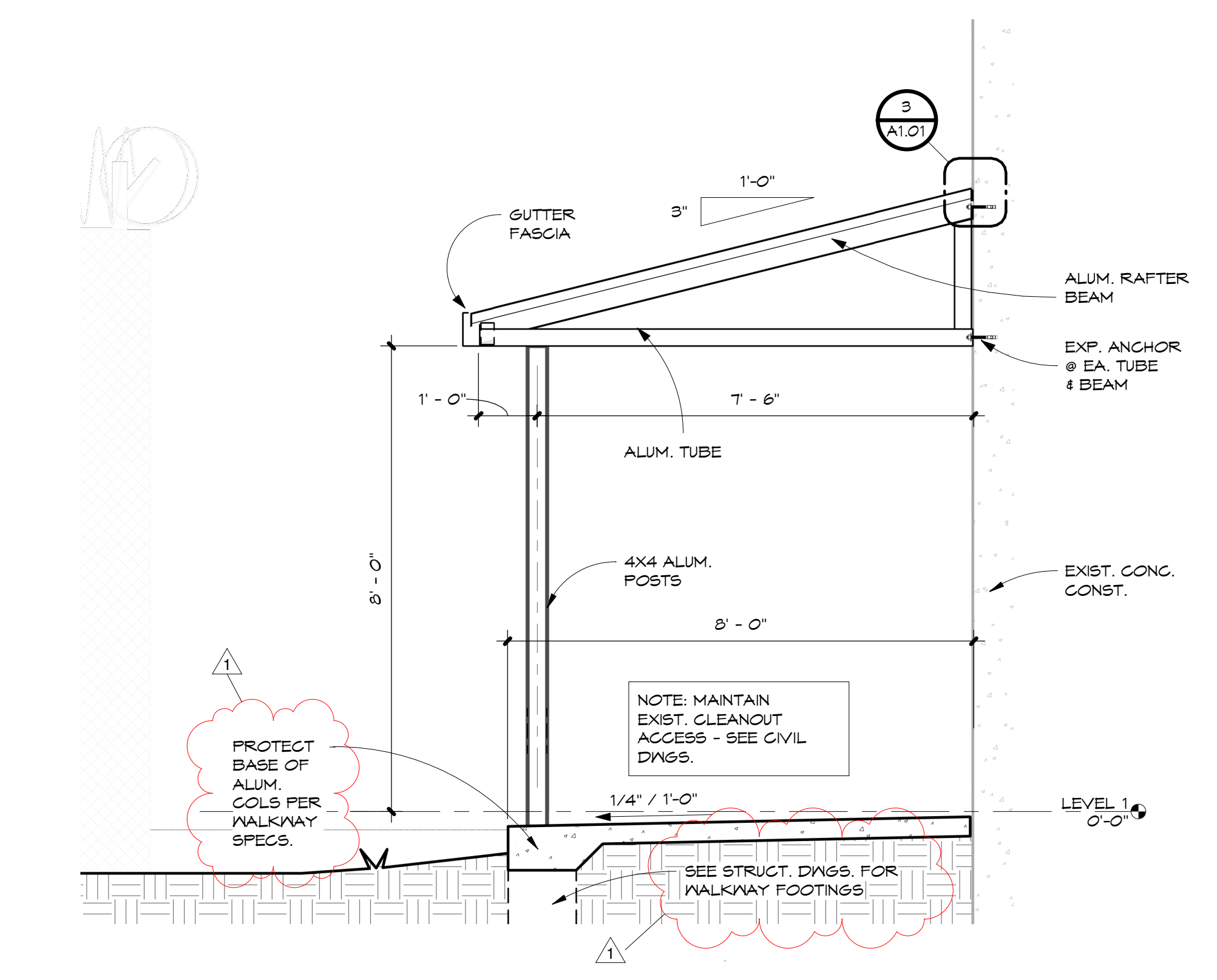
SECTION DETAIL - CMU SHOWER PARTITION
 4 A3.05 1" = 1'-0"



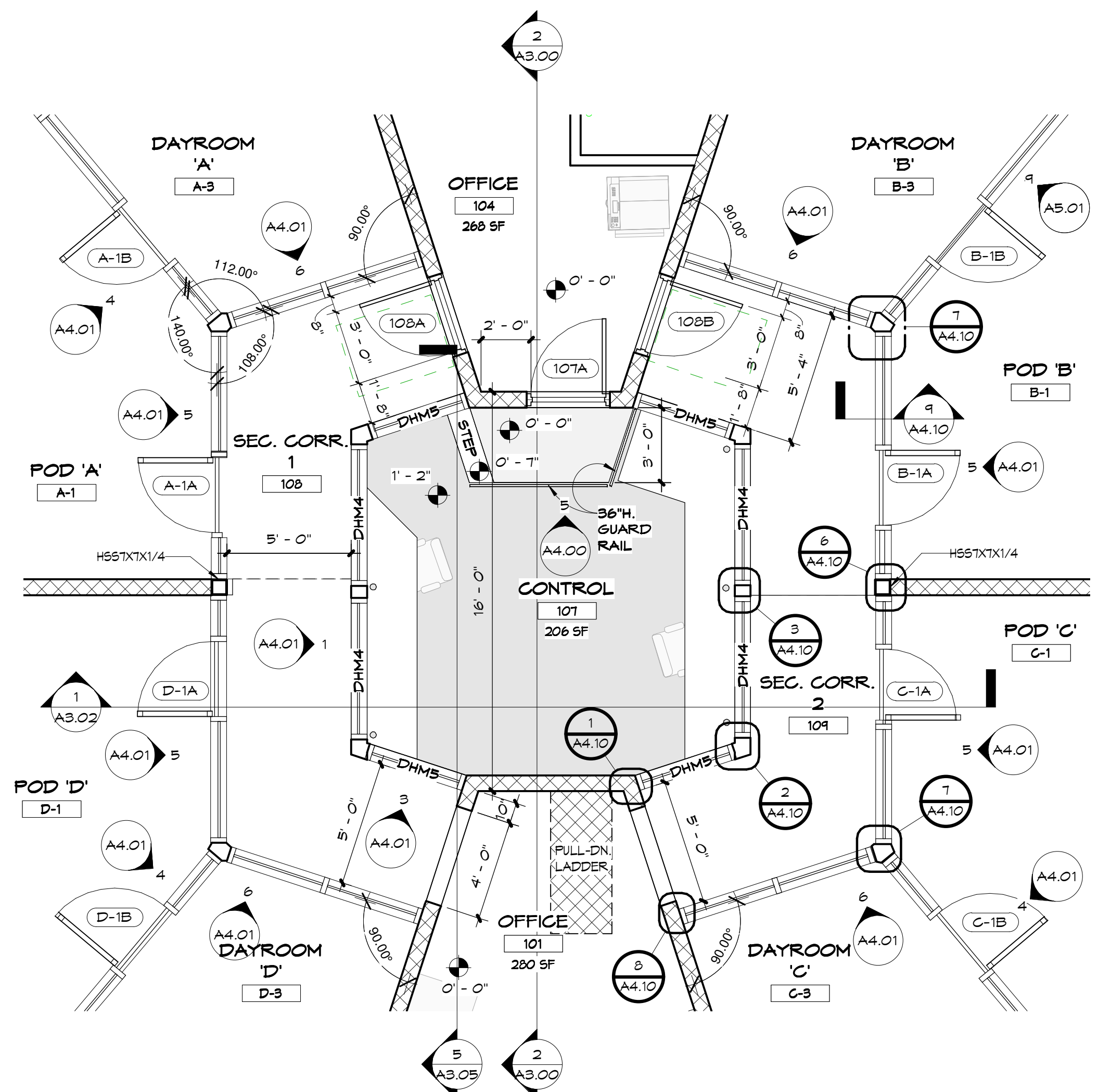
SECTION DETAIL - CONTROL/MECH. PLATFORM
 5 A3.05 3/8" = 1'-0"



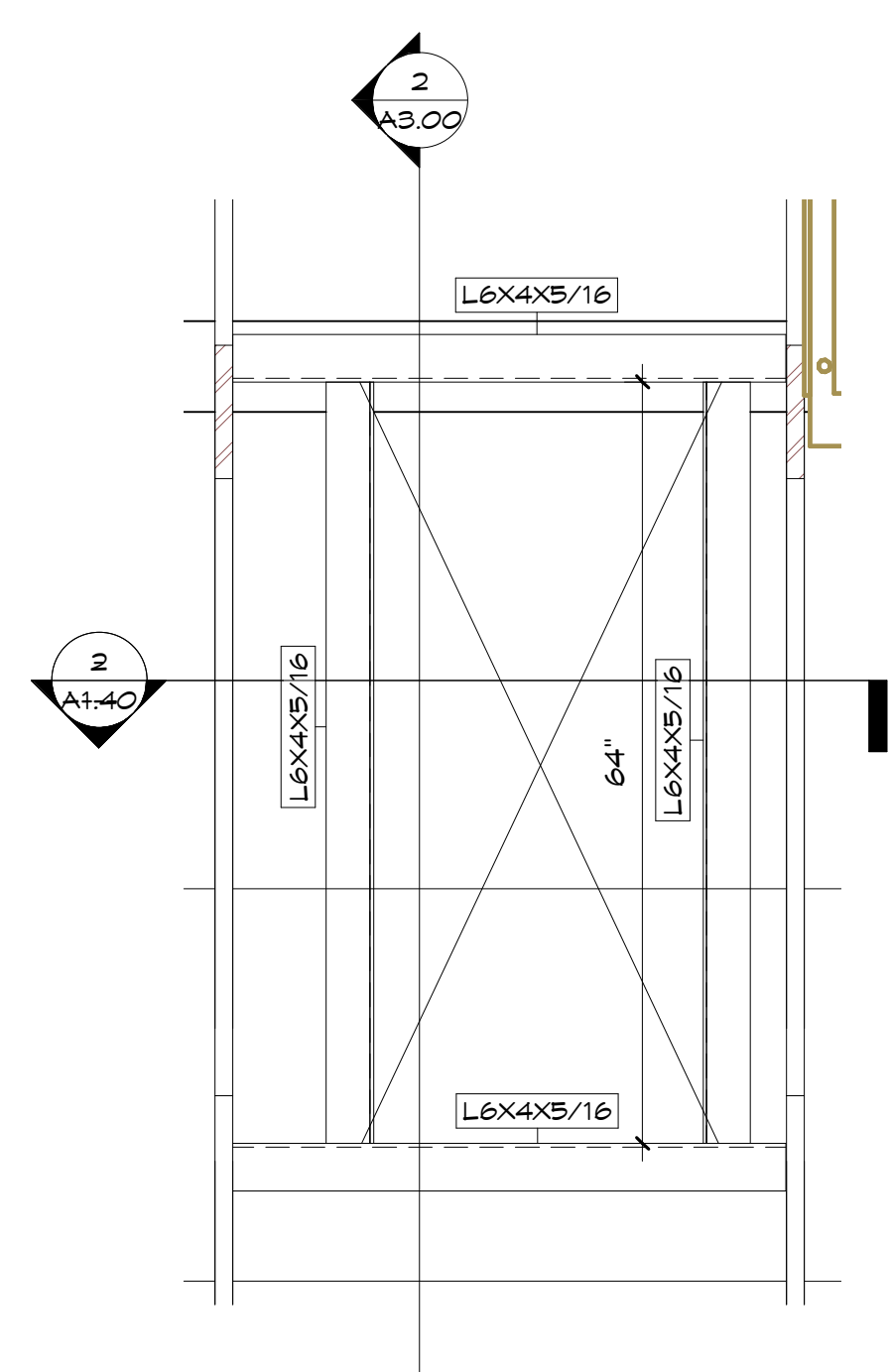
SECTION DETAIL - WALKWAY
 2 A3.05 1/2" = 1'-0"



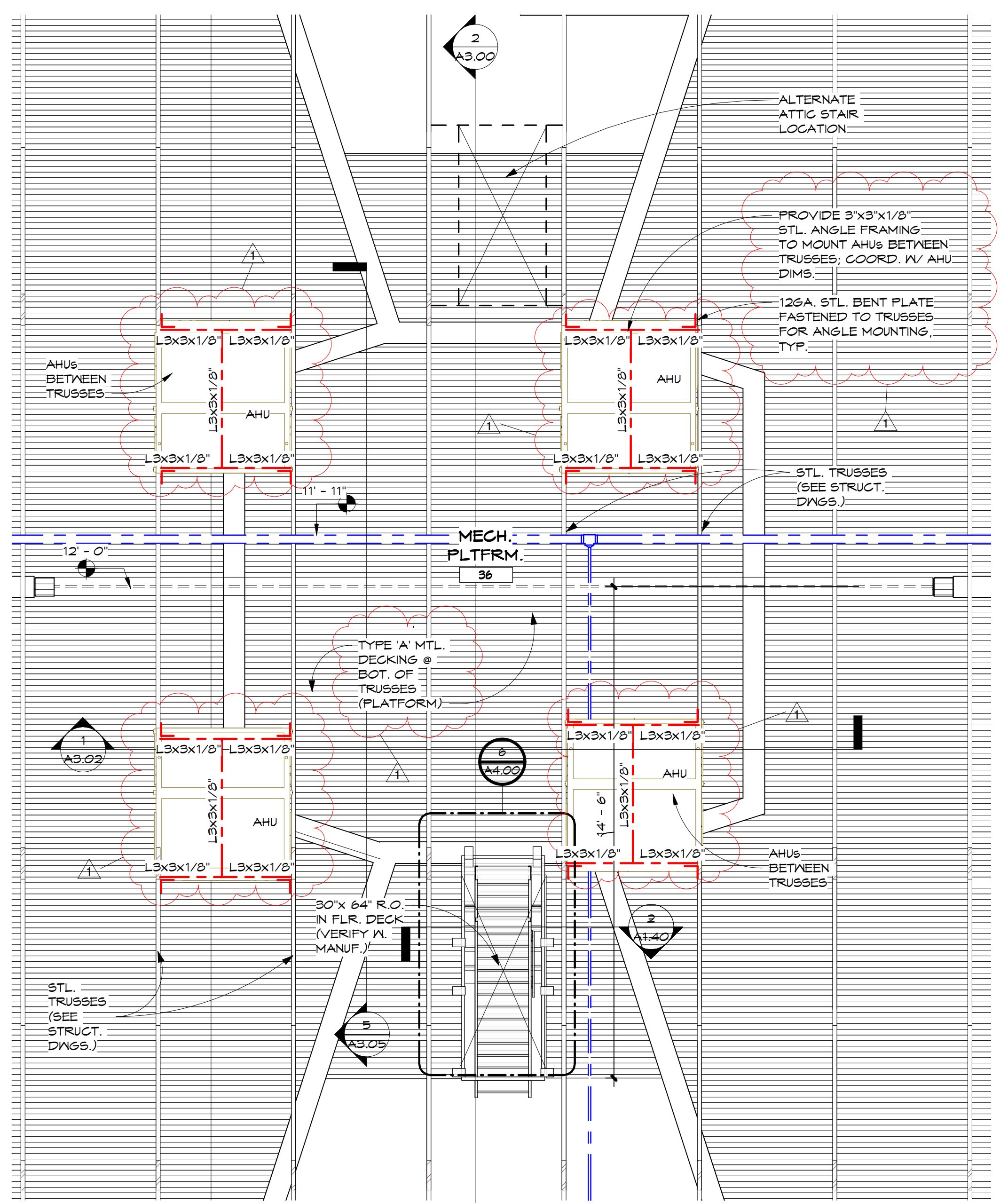
SECTION DETAIL - LEAN-TO WALKWAY
 1 A3.05 1/2" = 1'-0"



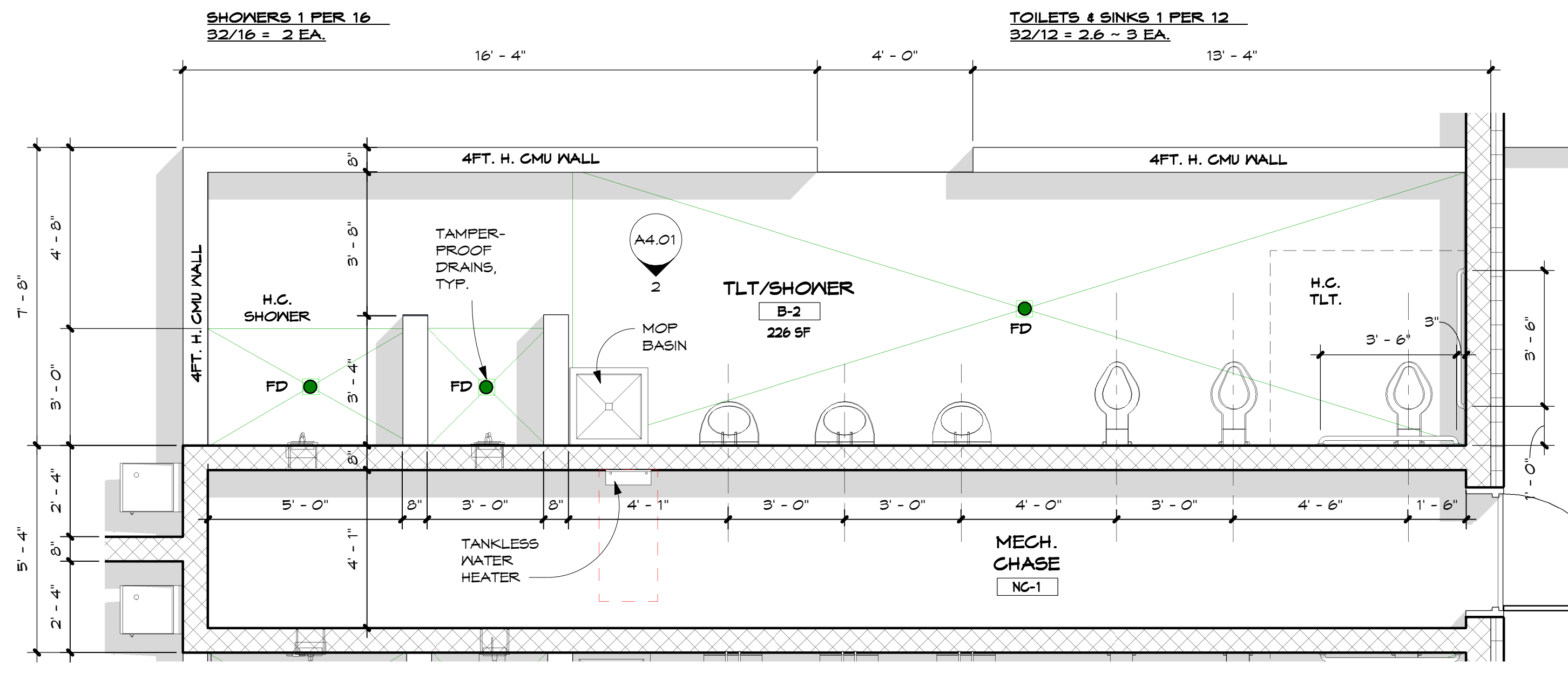
1 ENLGD. PLAN - CONTROL RM. 1/4" = 1'-0"



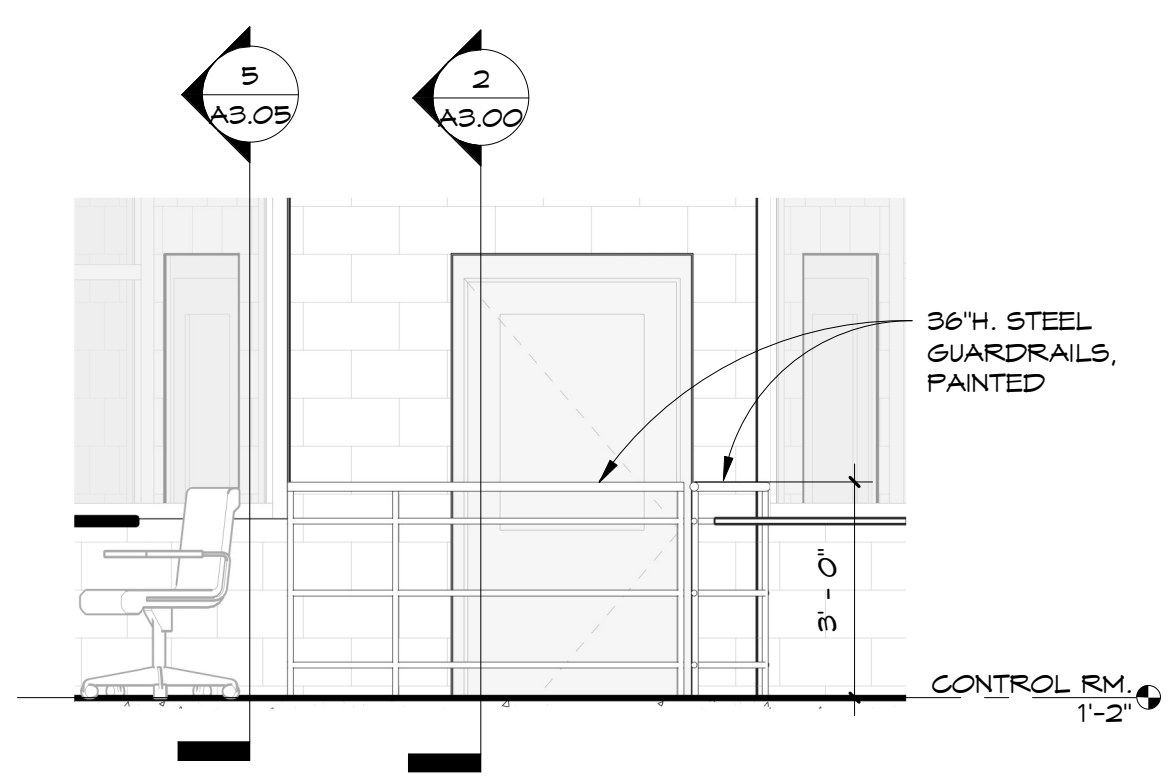
2 MECH. PLATFORM - ACCESS 3/4" = 1'-0"



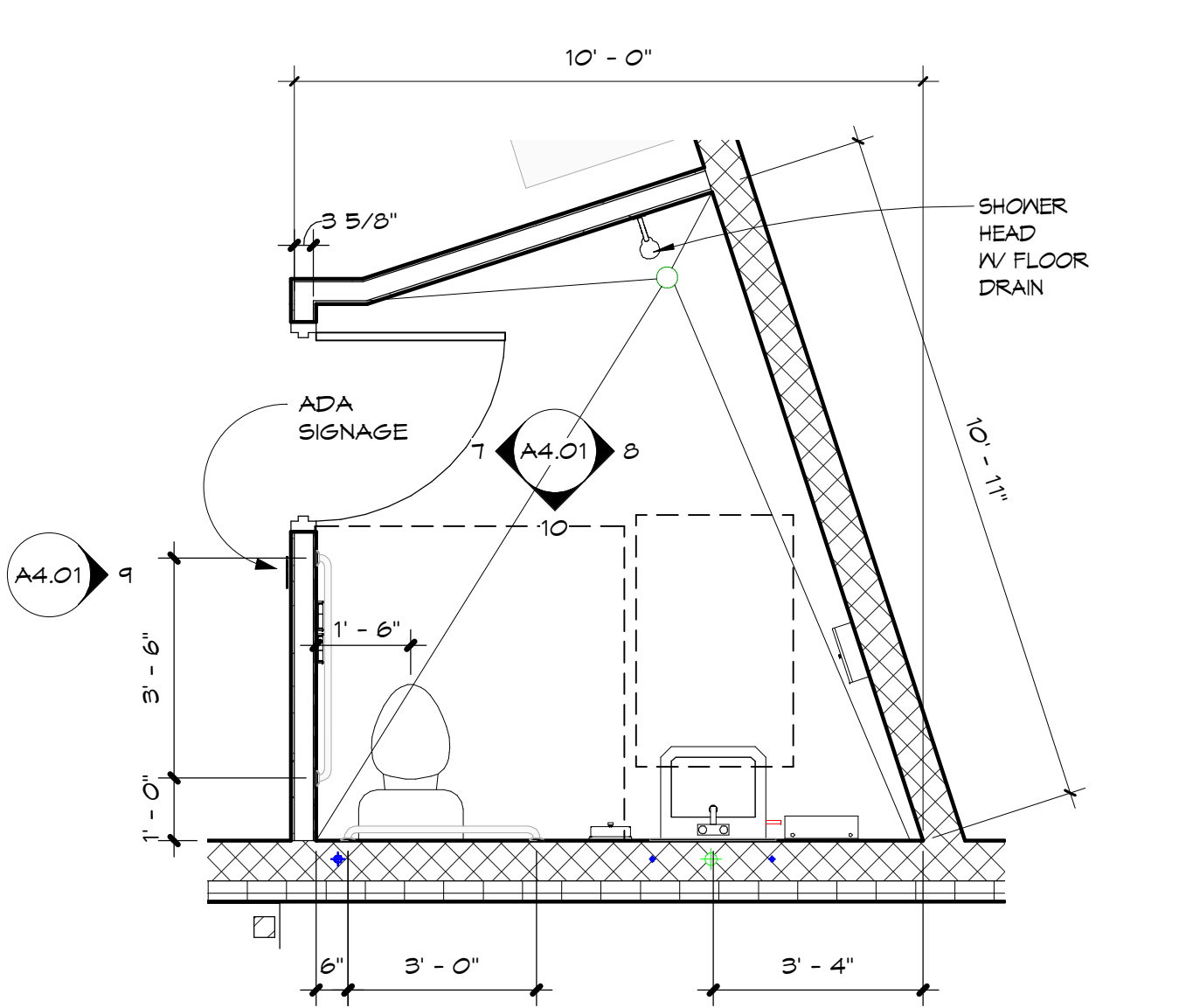
3 MECH. PLATFORM 3/8" = 1'-0"



4 ENLGD. DETENTION TLT./SHOWER 3/8" = 1'-0"

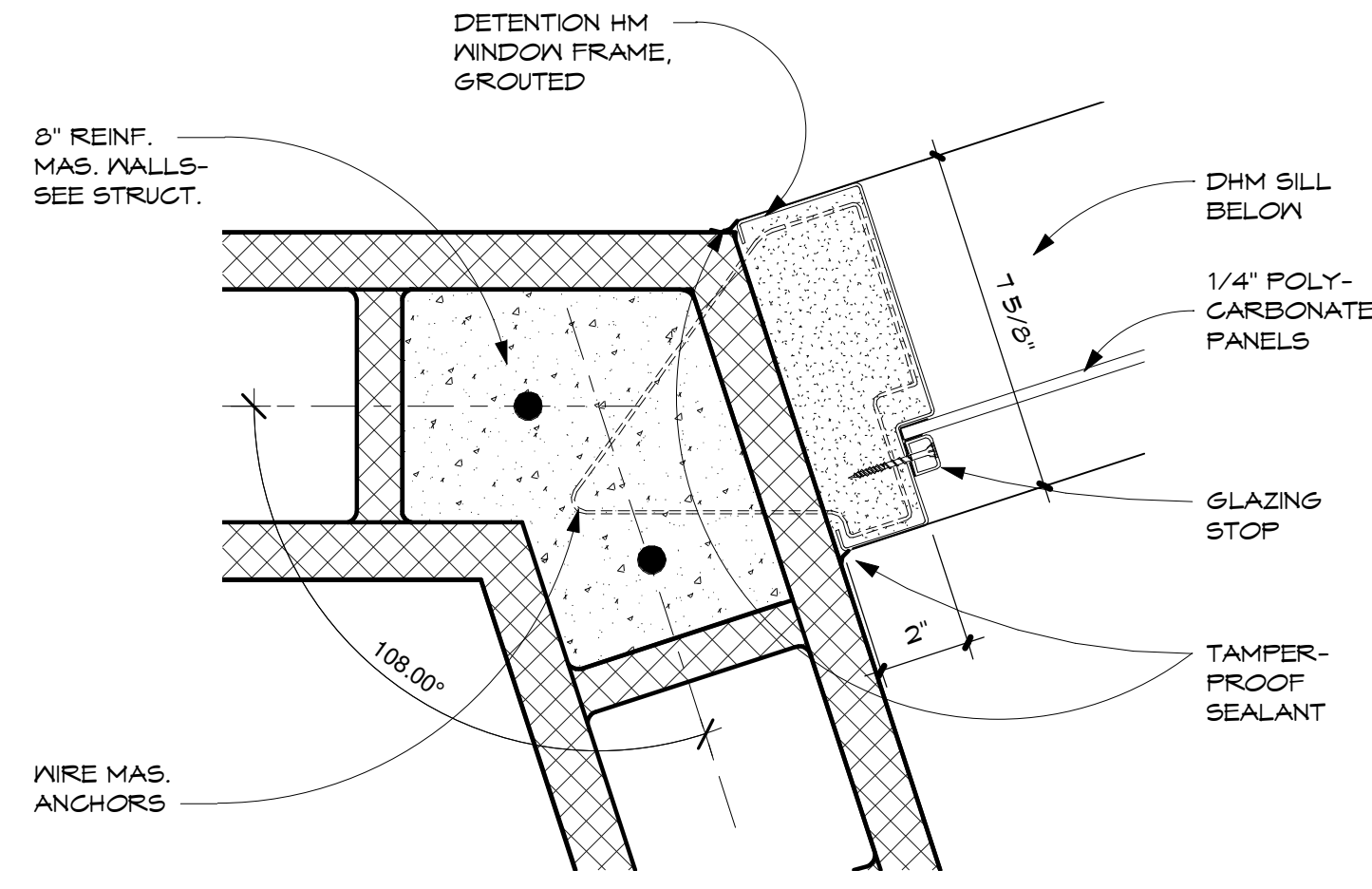


5 GUARD RAIL ELEVATION 3/8" = 1'-0"



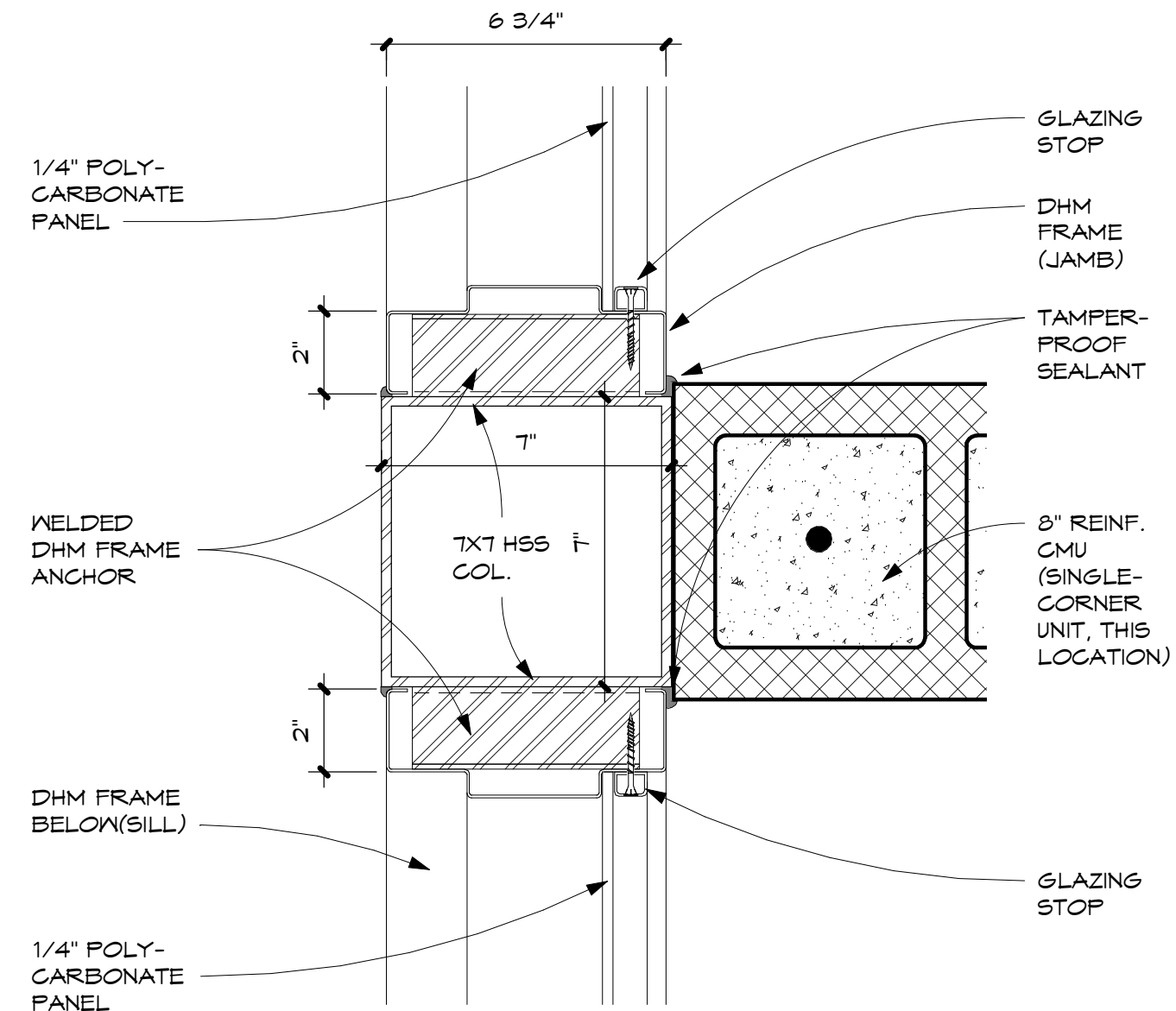
6 ENLGD. STAFF TOILET 3/8" = 1'-0"

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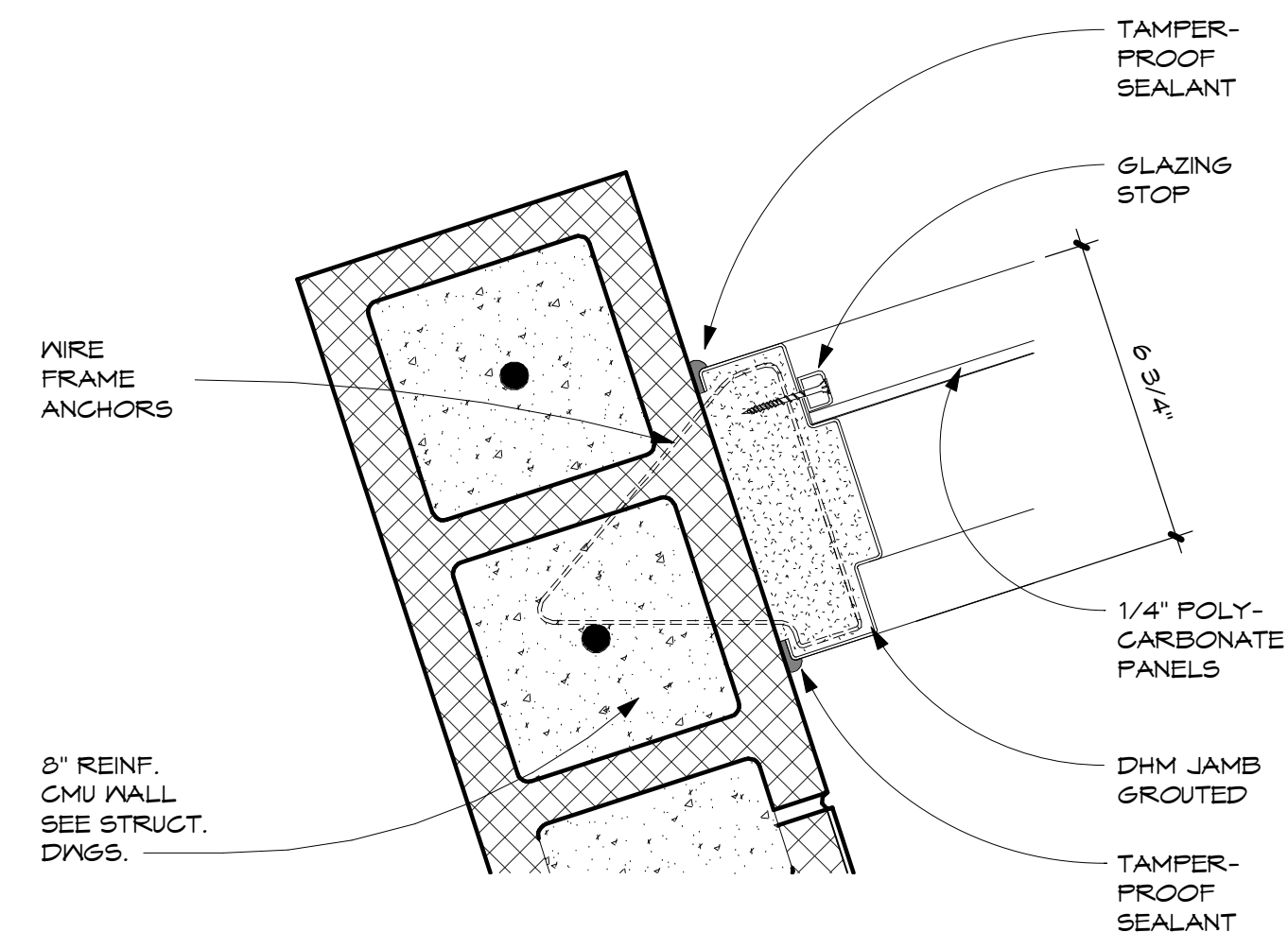
PLAN DETAIL - DHM JAMB - MAS.

3" = 1'-0"



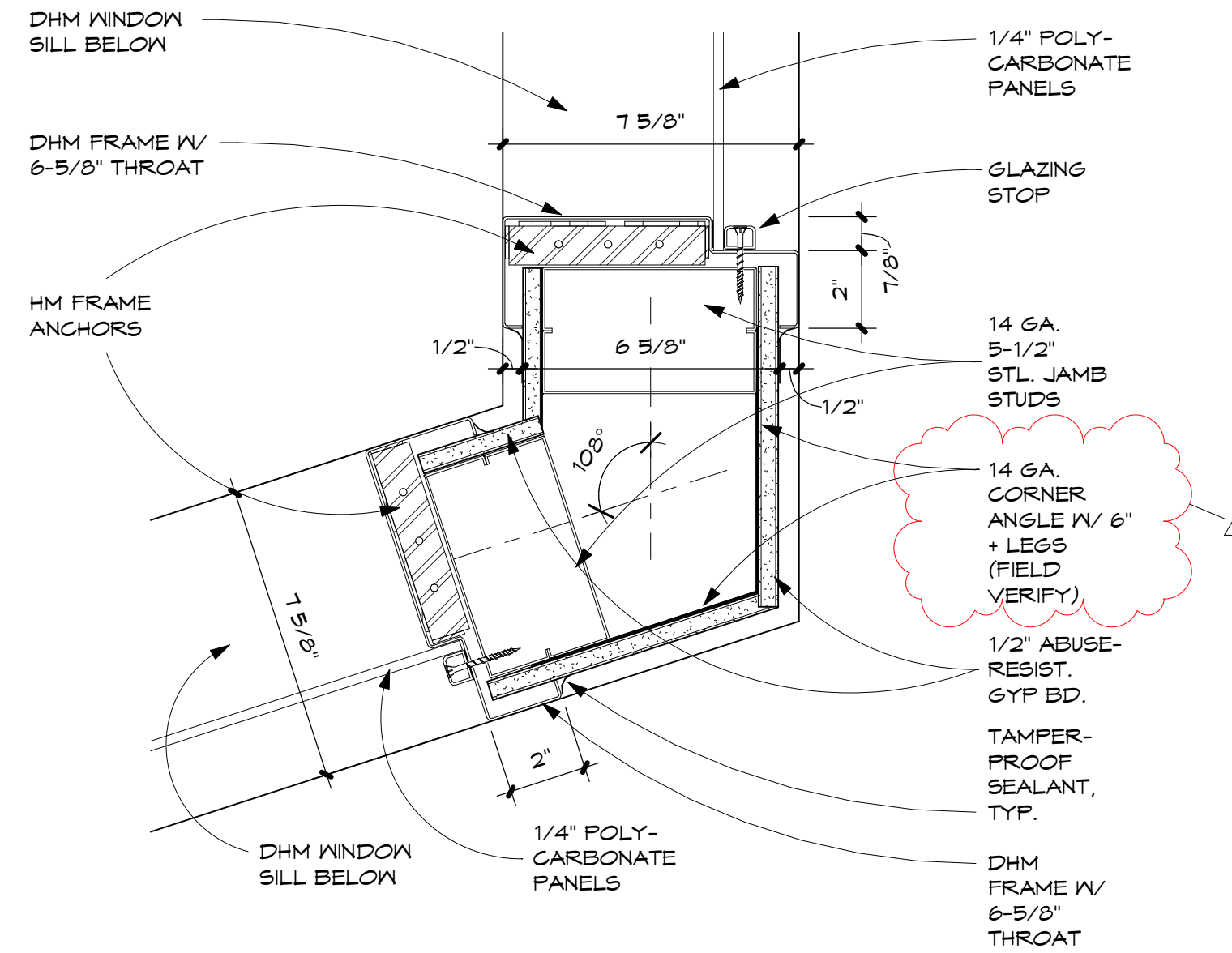
PLAN DETAIL -DHM JAMB @ DETENTION POD

3" = 1'-0"



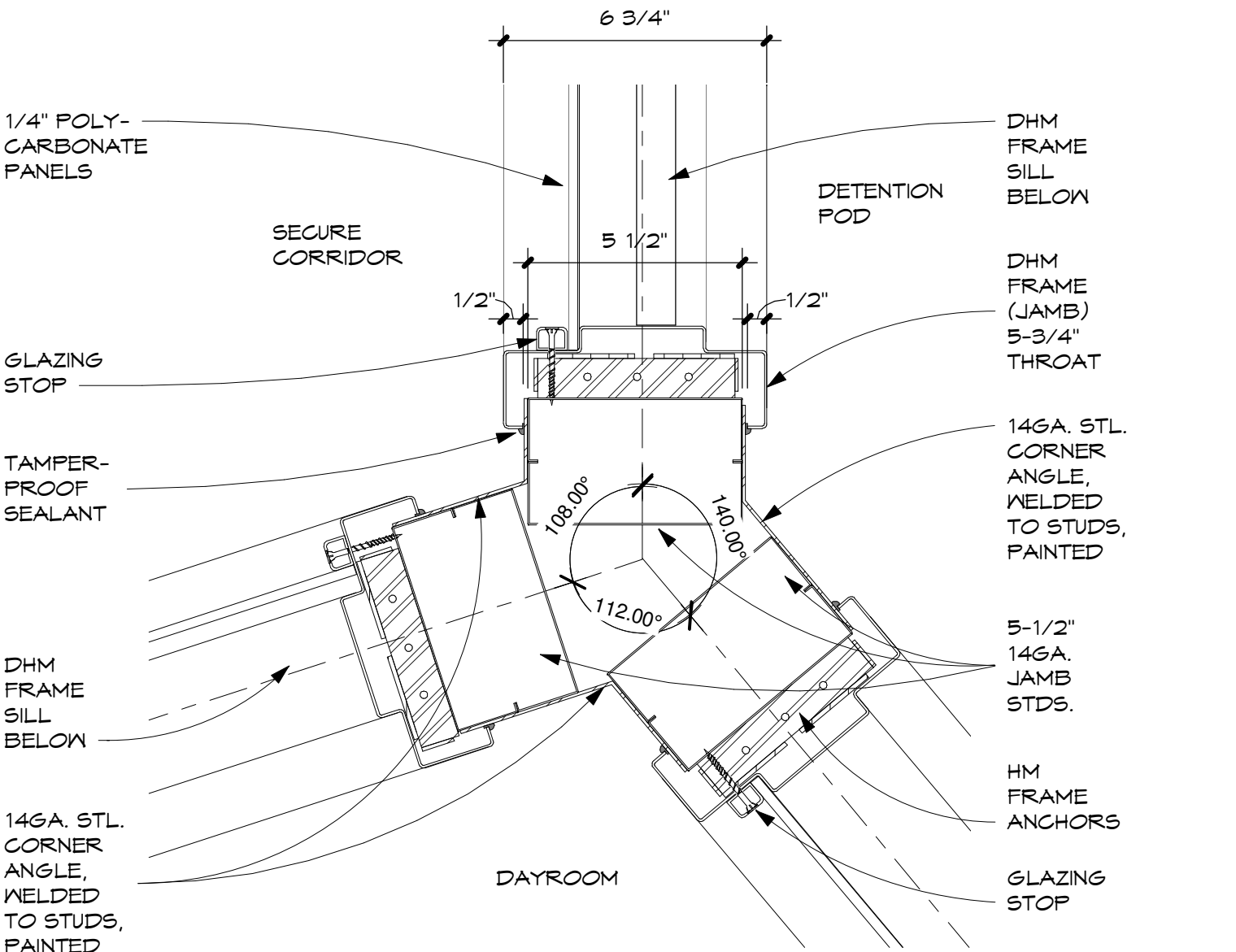
PLAN DETAIL - DHM JAMB - DAYROOM

3" = 1'-0"



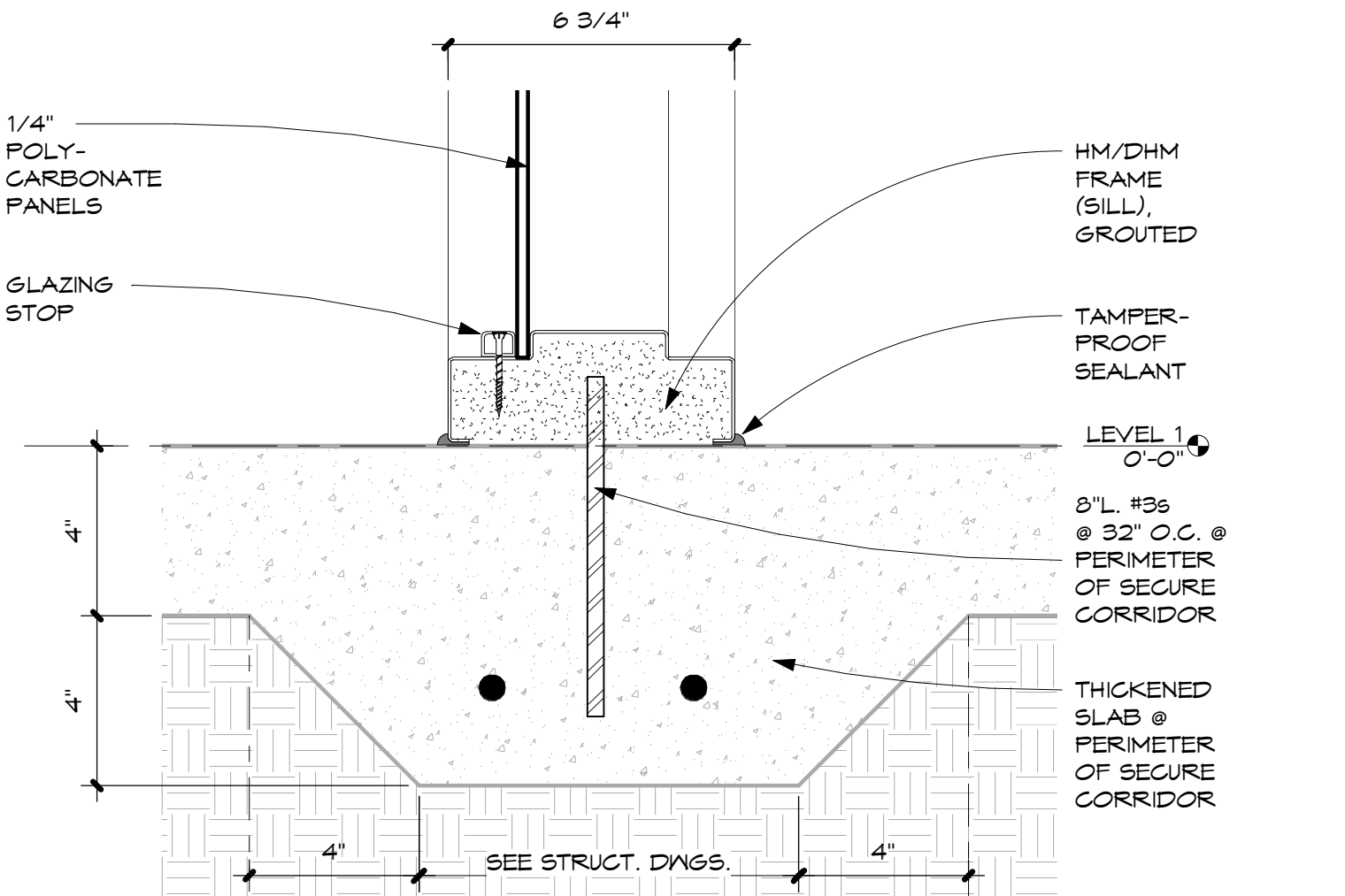
PLAN DETAIL - DHM JAMB- CORNER STL. STDS.

3" = 1'-0"



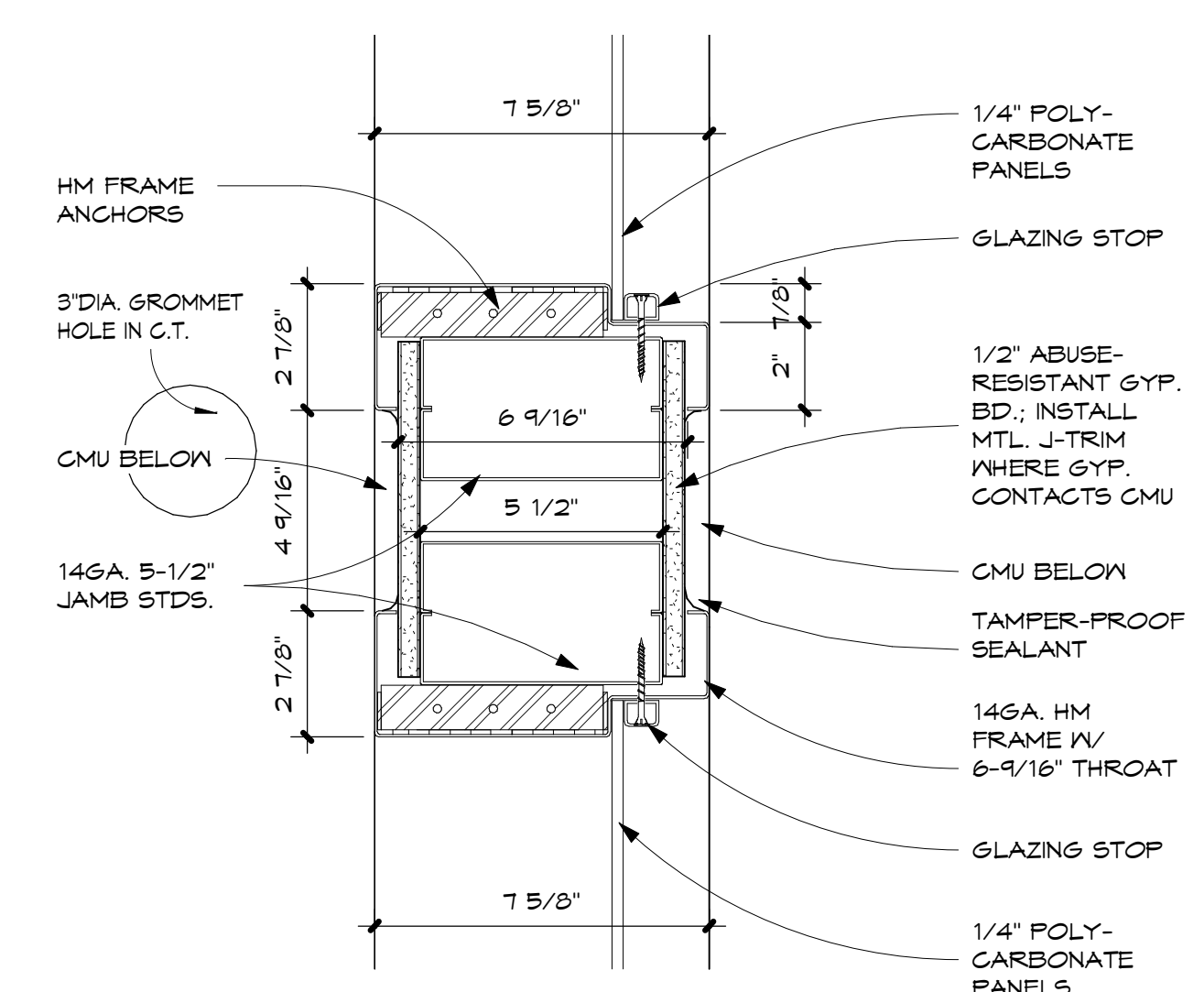
PLAN DETAIL - DHM JAMB INTERSECT. @ DETENTION POD

3" = 1'-0"



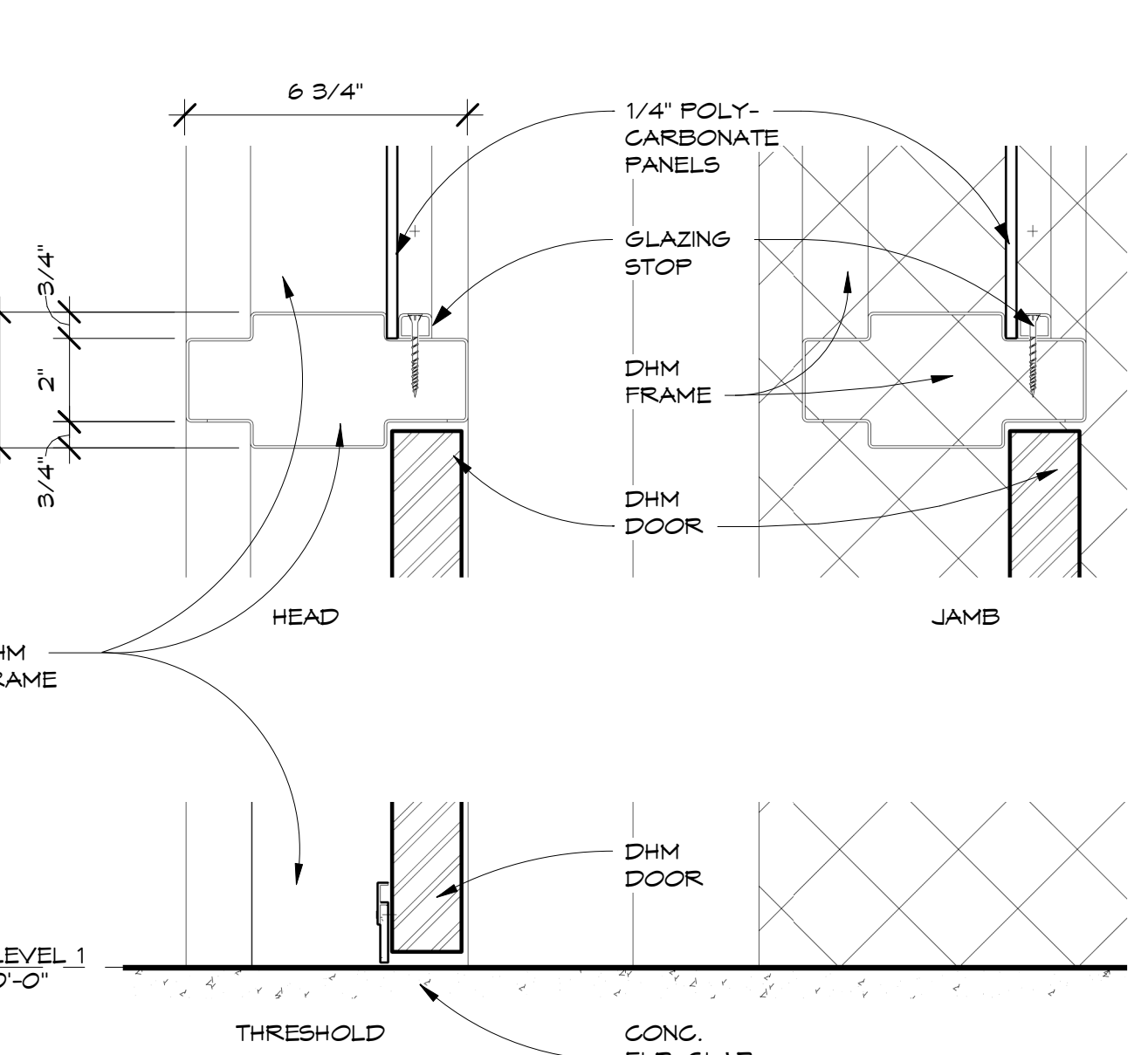
SECTION DETAIL - TYP. DHM SILL @ DETENTION POD

3" = 1'-0"



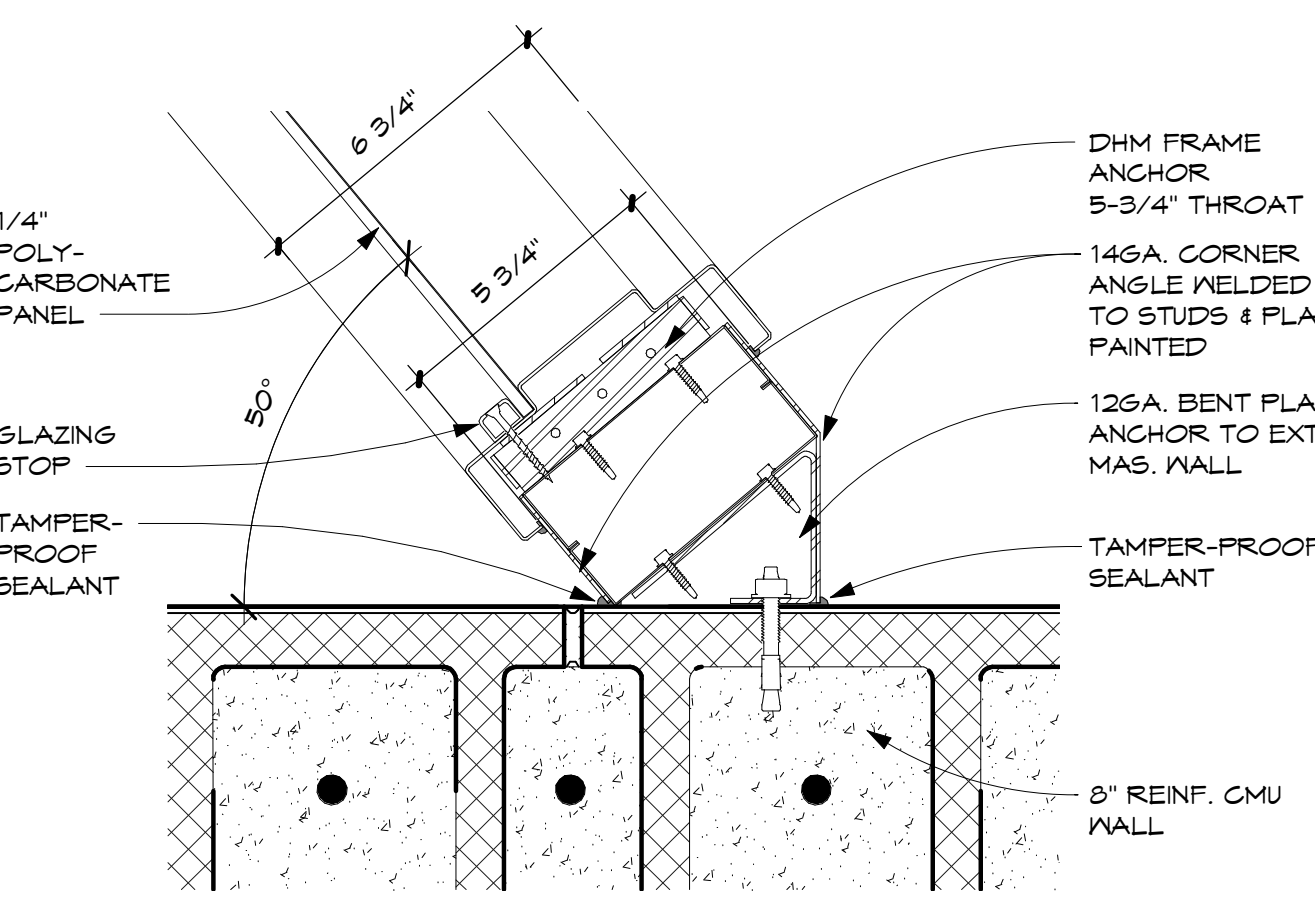
PLAN DETAIL - DHM JAMB- STEEL STDS.

3" = 1'-0"



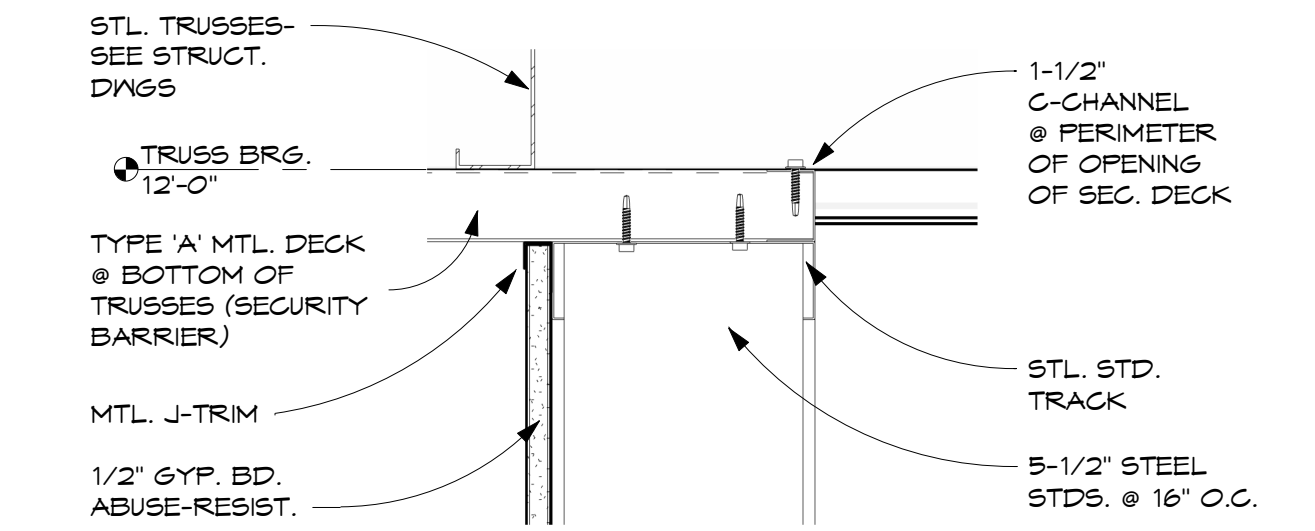
HEAD/JAMB/SILL _ PODS

3" = 1'-0"



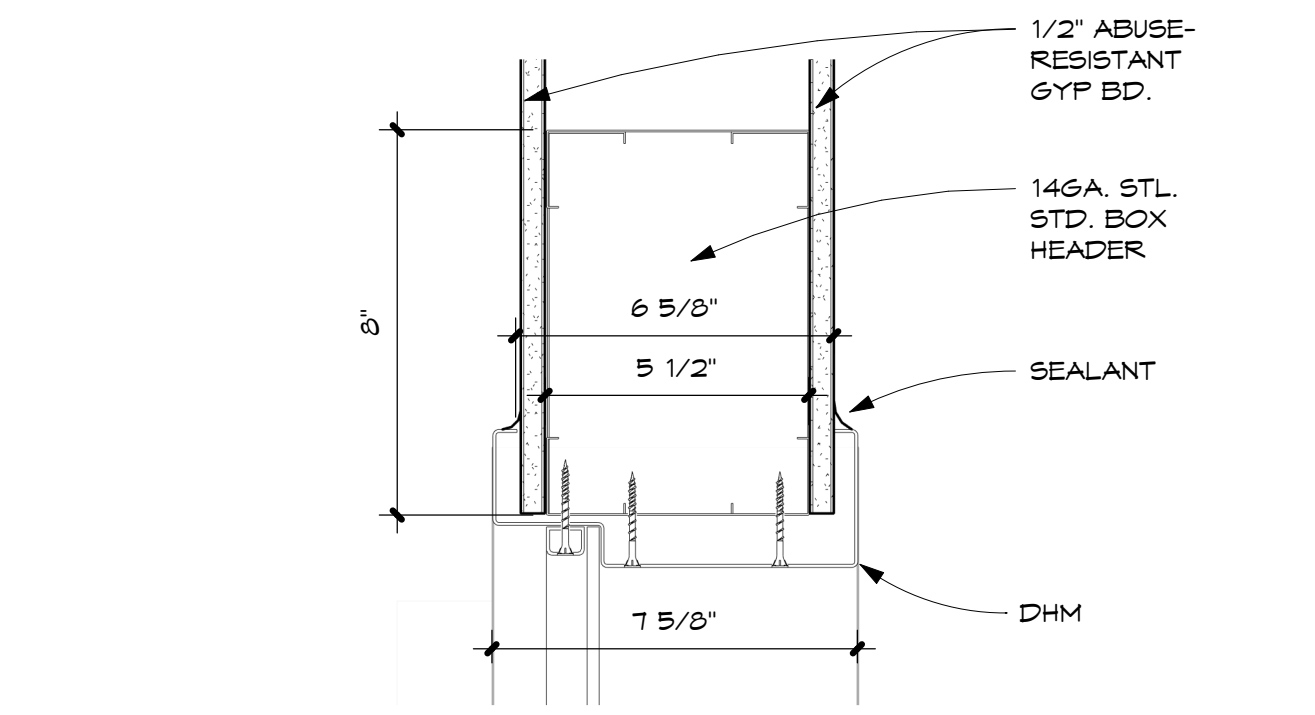
PLAN DETAIL - DHM JAMB - EXT. WALL

3" = 1'-0"



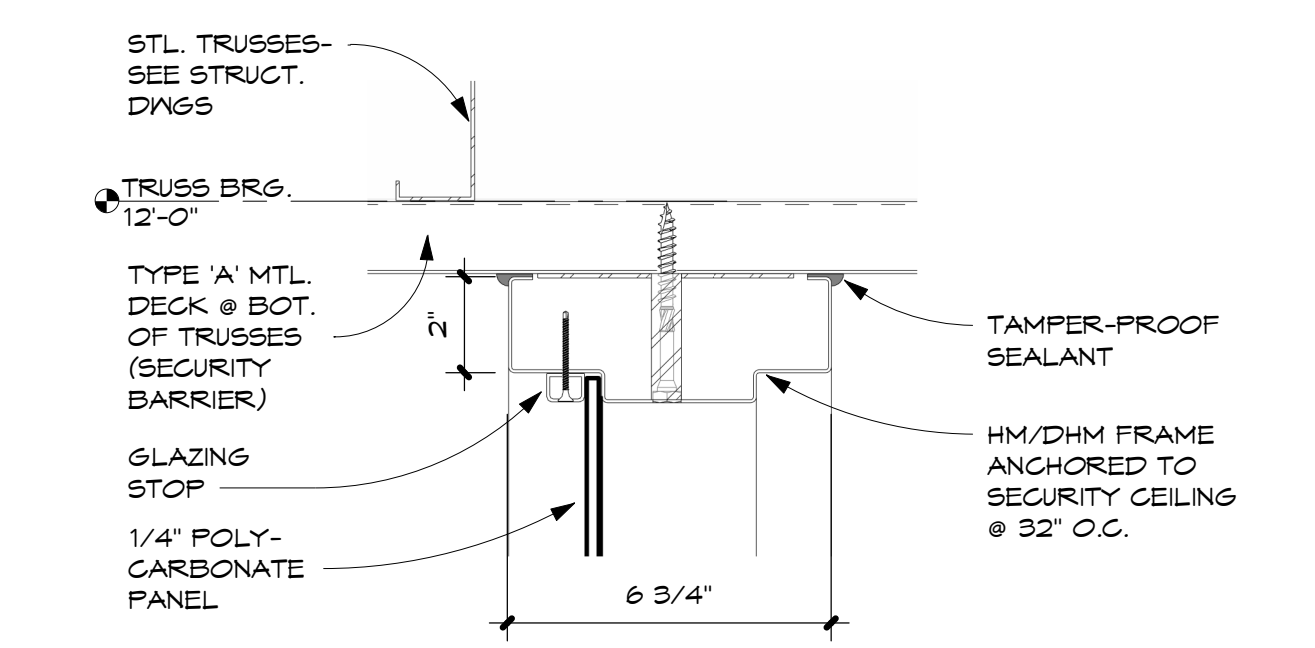
SECTION DETAIL - STUD WALL TO DECK - CONTROL RM.

3" = 1'-0"



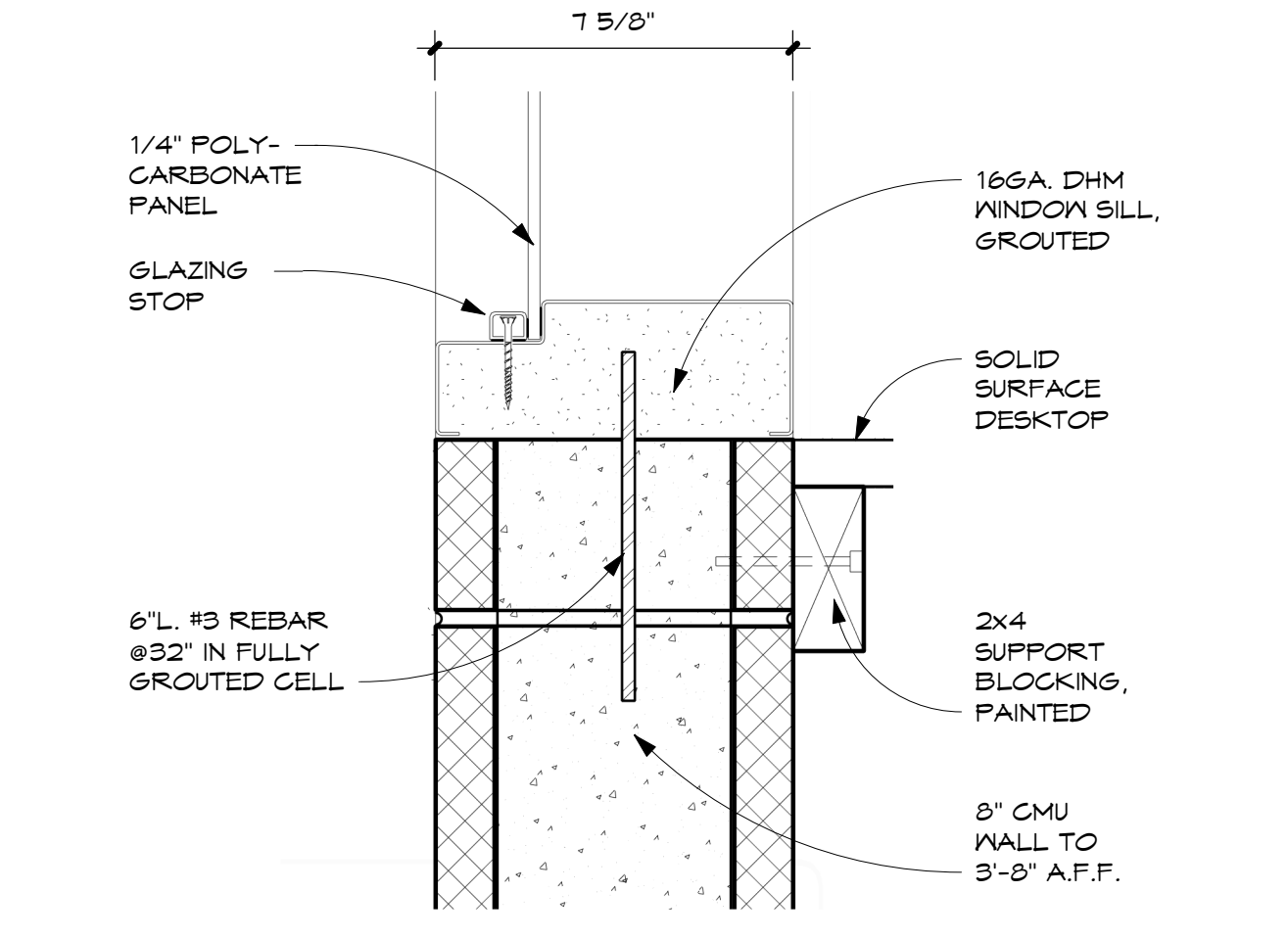
SECTION DETAIL- DHM HEAD - CONTROL RM.

3" = 1'-0"



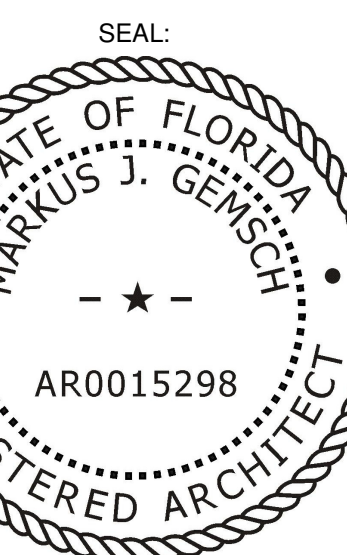
SECTION DETAIL - DHM HEAD TO DECK - DETENTION POD

3" = 1'-0"



SECTION DETAIL - DHM SILL- CONTROL RM.

3" = 1'-0"



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3" = 1'-0"	4/19/24	
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1	ADDENDUM #1	5/24/24

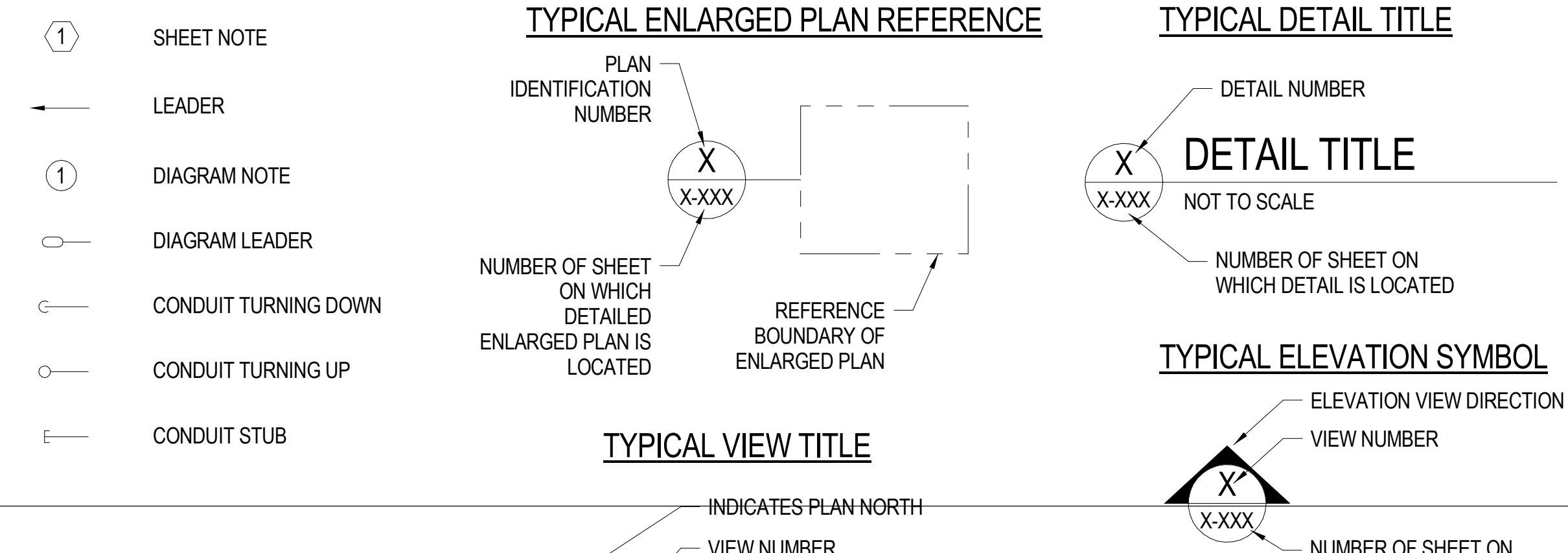
SHEET TITLE:
DHM DETAILS

TELECOMMUNICATIONS / SECURITY SYSTEM LEGEND						
DEVICE SYMBOL	DESCRIPTION	CAT 6 UTP (QTY)	CAT 6 STP (QTY)	RG-6 COAX (QTY)	JACK/MODULE TYPE	JACK/MODULE COLOR
NETWORK DEVICES						
	DATA/VOICE OUTLET	(4)	-	-	RJ-45	GREEN
	WIRELESS ACCESS POINT DATA OUTLET	(2)	-	-	RJ-45	GREEN
	WIRELESS ACCESS POINT DATA OUTLET - ROUGH-IN ONLY	INSTALL ROUGH-IN ONLY (CONDUIT, BACKBOXES, PULL STRING) PER DETAIL 3, SHEET T2.01.				
BUILDING SYSTEM DEVICES						
	TV/DISPLAY OUTLET	(1)	-	(1)	RJ-45 / F-CONN	GREEN / MATCH FACEPLATE
	TV/DISPLAY OUTLET - ROUGH-IN ONLY	INSTALL ROUGH-IN ONLY (CONDUIT, BACKBOXES, PULL STRING) PER DETAIL 3, SHEET T2.01.				
RACEWAY & SUPPORTING INFRASTRUCTURE						
	ABOVEGROUND CONDUIT - SEE PLANS	-	-	-	-	-
	PULL BOX - SIZED AS REQUIRED PER NEC	-	-	-	-	-
INTERCOM SYSTEM - ROUGH-IN ONLY						
	INTERCOM CALL STATION BACKBOX ROUGH-IN FOR OFOI INTERCOM. INSTALL RECESSED 2-GANG BACKBOX MOUNTED FROM TOP OF BACKBOX AT 48" AFF. HOMERUN 1". WITH PULL STRING.	COORDINATE INSTALLATION WITH OWNER'S TECHNICAL REPRESENTATIVE.				
	INTERCOM CALL STATION BACKBOX ROUGH-IN FOR OFOI INTERCOM MOUNTED ADJACENT TO GATE DOOR. INSTALL SURFACE MOUNT GALVANIZED RIGID STEEL 2-GANG BACKBOX MOUNTED FROM TOP OF BACKBOX AT 48" AFF. HOMERUN 1". WITH PULL STRING UNDERGROUND TO COMM ROOM 106. EXTERIOR ABOVE GROUND CONDUIT SHALL BE GALVANIZED RIGID STEEL. UNDERGROUND SHALL BE SCHEDULE 40 PVC.	COORDINATE INSTALLATION WITH OWNER'S TECHNICAL REPRESENTATIVE.				
CAMERA SURVEILLANCE SYSTEM (CCTV) - ROUGH-IN ONLY						
	CEILING MOUNTED CAMERA - REFER TO DETAIL 5, SHEET T2.02	COORDINATE INSTALLATION WITH OWNER'S TECHNICAL REPRESENTATIVE.				
	WALL MOUNTED CAMERA - REFER TO DETAIL 6, SHEET T2.02	COORDINATE INSTALLATION WITH OWNER'S TECHNICAL REPRESENTATIVE.				
ACCESS CONTROL - ROUGH-IN ONLY						
	REMOTE DOOR RELEASE - HOMERUN 1". WITH PULL STRING FROM DOOR FRAME TO SECURITY EQUIPMENT, OR COORDINATED LOCATION OF DOOR RELEASE.	COORDINATE INSTALLATION WITH OWNER'S TECHNICAL REPRESENTATIVE.				
	REMOTE DOOR RELEASE MOUNTED ADJACENT TO GATE DOOR - HOMERUN 1". WITH PULL STRING FROM DOOR HARDWARE. UNDERGROUND TO COMM ROOM 106. EXTERIOR ABOVE GROUND CONDUIT SHALL BE GALVANIZED RIGID STEEL. UNDERGROUND SHALL BE SCHEDULE 40 PVC.	COORDINATE INSTALLATION WITH OWNER'S TECHNICAL REPRESENTATIVE.				
	MASTER DOOR RELEASE - REFER TO DETAIL 5, SHEET T2.01	COORDINATE INSTALLATION WITH OWNER'S TECHNICAL REPRESENTATIVE.				

TELECOM ABBREVIATIONS:

AW	ABOVE WORK-SURFACE
AFF	ABOVE FINISH FLOOR
ADA	AMERICANS WITH DISABILITIES ACT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AWG	AMERICAN WIRE GAUGE
AA	APPROVING AUTHORITY
ARCH	ARCHITECTURAL
AHJ	AUTHORITY HAVING JURISDICTION
BBC	BONDING BACKBONE CONDUCTOR
BAS	BUILDING AUTOMATION SYSTEM
CT	CABLE TRAY
CAT 3	CATEGORY 3
CAT 5E	CATEGORY 5 ENHANCED
CAT 6	CATEGORY 6
CAT 6A	CATEGORY 6 AUGMENTED
CO	COMMUNICATIONS OUTLET
CATV	COMMUNITY ANTENNA TELEVISION
C	CONDUIT
CP	CONSOLIDATION POINT
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED
OTR	OWNER'S TECHNICAL REPRESENTATIVE
DDC	DIRECT DIGITAL CONTROLS
DEMARC	DEMARICATION
ELEC	ELECTRICAL
EMI	ELECTROMAGNETIC INTERFERENCE
EMCS	ENERGY MANAGEMENT CONTROL SYSTEM
EMT	ELECTRICAL METALLIC TUBING
FCC	FEDERAL COMMUNICATIONS COMMISSION
FO	FIBER OPTIC
HH	HANDHOLE
IAW	IN ACCORDANCE WITH
LAN	LOCAL AREA NETWORK
MTR	MAIN TELECOMMUNICATIONS ROOM
MH	MAINTENANCE HOLE
MAX	MAXIMUM
um	MICRON / MICROMETER
MIN	MINIMUM
MUTOA	MULTI-USER TELECOMMUNICATIONS OUTLET ASSEMBLY
MM	MULTIMODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEC	NATIONAL ELECTRICAL CODE
NESC	NATIONAL ELECTRICAL SAFETY CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OSP	OUTSIDE PLANT
PR	PAIR
PP	PATCH PANEL
PVC	POLYVINYL CHLORIDE
PB	PULL BOX
PBB	PRIMARY BONDING BUSBAR
PBX	PRIVATE BRANCH EXCHANGE
RMU	RACK MOUNTED UNIT
RM	ROOM
RI	ROUGH-IN
ScTP	SCREENED TWISTED-PAIR
SBB	SECONDARY BONDING BUSBAR
SVTC	SECURED VIDEO TELECONFERENCE
STP	SHIELDED TWISTED-PAIR
SM	SINGLEMODE
SF	SURFACE MOUNT
STR	STRANDS
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TEBC	TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR
TBC	TELECOMMUNICATIONS BONDING CONDUCTOR
TER	TELECOMMUNICATIONS EQUIPMENT ROOM
TR	TELECOMMUNICATIONS ROOM
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES INC
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED-PAIR
UNO	UNLESS NOTED OTHERWISE
VTC	VIDEO TELECONFERENCE
VoIP	VOICE OVER INTERNET PROTOCOL

SYSTEMS ANNOTATION LEGEND



PULL BOX SIZING CRITERIA				
CONDUIT SIZE	WIDTH (IN)	LENGTH (IN)	DEPTH (IN)	WIDTH INCREASE FOR ADDITIONAL CONDUIT
1	4	16	3	2
1-1/4	6	20	3	3
1-1/2	8	27	4	4
2	8	36	4	5
2-1/2	10	42	5	6
3	12	48	5	6
3-1/2	12	54	6	6
4	15	60	8	8



PROJECT:
BAY COUNTY JAIL DRUG REHAB. FACILITY
5700 STAR AVE
PANAMA CITY, FL 32404

CONSULTANT:

CONSULTANT:

CONSULTANT:

SEAL:

CONSTRUCTION DOCUMENTS

SCALE:	DATE:
AS SHOWN	04/19/24
DRAWN BY:	CHECKED BY:
CBL	JAL

NO	REVISION	DATE
1	ADDENDUM #1	5/24/24

SHEET TITLE:
TELECOM / SECURITY LEGEND & NOTES

PROJECT NO. SHEET NO.
4223-07 T0.01

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