AIA® Document G709™ – 2018

Proposal Request

PROJECT: *(name and address)*
23302901 - HOG2

4255 W. Highlands Oncology Blvd.
Rogers, AR 72758

CONTRACT INFORMATION:
Contract For:
New Construction
Date:
09-01-2026

Architect's Project Number: 23302901
Proposal Request Number: 03

Proposal Request Date: 09-02-2026

OWNER: *(name and address)*
Metaphase I, LC
3901 Parkway Circle, Suite 100
Springdale, AR 72762

ARCHITECT: *(name and address)*
Crafton Tull & Associates, Inc.
901 N. 47th Street; Suite 400
Rogers, AR 72756

CONTRACTOR: *(name and address)*
Clark Contractors, LLC
4886 West Pauline Whitaker Pkwy, Suite 290
Rogers, AR 72758

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Ten (10) days or notify the Architect in writing of the anticipated date of submission.
(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)

Civil/ Landscape

1) See the attached updated drawing set and narrative by EDG (dated 8/28/26), noting the changes within the set relevant to this Proposal Request.

Structural Engineering

2) See attached structural sheets: S-002, S-101, S-102, S-103, S-104, S-105, S-106, S-107, S-108, S-202, S-203, S-204, S-502, S-522, S-531, S-601, S-602, S-603, S-604, and S-605 - revise steel to accommodate shop drawing reviews, steel revisions resulting from City Review comments, and elevator-required modifications.

Architecture

1) See attached AS-101 and AS-501 - revise the site plan to reflect the new emergency generator enclosure, updated trash enclosure, and sidewalks that coordinate with EDG (Civil/Landscape).
2) See attached A-101 and A-102 - move the electrical rooms (Elec 179 and Elec 180) to the north side of the first floor and the Fire Command Center to the south side of the first floor plan.
3) See attached A-114 - revise the reflected ceiling plans for the rooms in item 2 above.
4) See attached A-201 and A-202 - revise the height of the walls on the roof to be a height of 5'-3" above "UPPER PARAPET" level (93'-0").
4) See attached A-307 - revise the height of the wall shown in detail three from 14'-9" to 16'-9" to accommodate the raised structure for the elevators.
5) See attached A-413 - provide for a piece of break metal in SF-3 to accommodate the structural tube.
6) See attached A-601 - revise the door schedules to provide doors into relocated electrical rooms (179B and 180A). Add door 184A. Revise door 144A to be a pair of HM doors, as shown.

MEP/ FP Engineering

1) See attached MEP sheets: M-101, M-106, M-106B, M-106D, M-112, M-112B, M-112D, M-117, M-117B, M-117D, M-503, M-601, P-100, P-100B, P-100D, P-106B, P-106D, P-901, E-101, E-101B, E-101D, E-101DM, E-111, E-111A, E-111B, E-111D, E-602, E-603, E-604, and ES-100 - revise as shown to provide for new items in the generator enclosure, new locations of electrical rooms, and the new fire command center location.
2) See attached MEP narratives from IMEG

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

REQUESTED BY THE ARCHITECT

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ARCHITECT *(Signature)*

BY: Mark Owings, AIA, LEED AP, Sr. Vice President,
Architecture

(Printed name, title, and license number if required)

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User Notes: (6a96ef31574b7996ee013a55)

E | D | G

Ecological Design Group
216 W Birch St.
Rogers, AR 72756

Date: 8/28/2026
Project: Metaphase Development
Location: 4852 S Bellview Rd, Rogers, AR
EDG Project No: #26-015

RE: Narrative of PR-03

Below is a summary of the items included as part of this drawing revision:

Sheets	Sheet Name/Specification Section	Brief Description of Changes
C0.01	General Notes And Legends	1. Added a note for required pressure class for water mains. 2. Updated verbiage for Arkansas Department of Health per ADH comments.
C1.00	Overall Site Plan	1. Overall site plan reissuance with plan updates to C1.01-C1.04. 2. Updated overall parking summary due to removal of gravel parking lot.
C1.01	Site Plan	1. Gravel parking lot removed from scope. 2. Updated sidewalks around generator enclosure. Updated generator enclosure footprint. 3. Updated sidewalk/landscape beds at paver drive lane.
C1.02	Site Plan	1. Added screen wall along the W Highlands Oncology Blvd. sidewalk 2. Updated parking spaces to be compact to accommodate for wall. 3. Added radius at sidewalk at W Kathey Parker Place & 41st St.
C1.03	Site Plan	1. Gravel parking lot removed from scope.
C1.04	Site Plan	1. Added radius at sidewalk at Warrior Way/41st St.
C2.00	Overall Utility Plan	1. Overall plan reissuance with plan updates to C2.01-C2.04.
C2.01	Utility Plan	1. Updated location of three phase transformer and meters 2. Updated gas connection location to generator.

		3. Fire hydrant and meters shifted due to new generator enclosure layout. 4. Fire line shifted due to generator enclosure updates. 5. Updated electrical routing per coordination with CECC (primary, junction boxes, transformers)
C2.02	Utility Plan	1. Updated electrical routing per coordination with CECC (primary, junction boxes, transformers)
C2.03	Utility Plan	1. Added connection to existing lighting circuit at bridge for street lights. 2. Updated electrical routing per coordination with CECC (primary, junction boxes, transformers)
C2.04	Utility Plan	1. Updated electrical routing per coordination with CECC (primary, junction boxes, transformers)
C2.05	Utility Plan	1. Revised sewer main connection to connect proposed 36” sewer main trunk line per RWU comments. 2. Updated electrical routing per coordination with CECC (primary, junction boxes, transformers)
C2.10	Sewer Plan and Profile	1. Updated plan and profile for revised sewer main connection to 36” sewer main trunk line.
C2.20	12” Water Main Plan & Profile	1. Added callouts for the proposed fire hydrant along the 12” water main.
C2.22-C2.23	12” Water Main Plan & Profile	1. Updated location of air valve such that it is located outside of the roadway/pavement.
C3.01	Grading and Drainage Plan	1. Added Duraslot drains to generator enclosure and pipe connection to proposed storm inlet. 2. Inlet shifted due to utility shifts.
C3.04	Grading and Drainage Plan	1. Added callout for existing inlet to be converted to grated inlet. 2. Updated sizing of HERCP crossing the driveway.
C3.25	S 42nd St Public Storm Plan & Profile	1. Added rim elevation to curb inlets at driveway.
C3.26	S 41st St Public Storm Plan & Profile	1. Updated profile callout for C19 to match plan view.
C3.27	Public Storm Plan & Profile	1. HERCP sizing callouts updated on profile for S 41st St driveway.
C5.01	Site Details	1. Added brick wall detail.
L1.01	Landscape Plan	1. Updated planting around the generator

L1.02	Landscape Plan	1. Updated planting count for parking lot trees

Feel free to contact Katelynn Hopkins at khopkins@ecologicaldg.com for any questions or comments.

Thank you,

Katelynn Hopkins, PE
Senior Associate | Civil Engineer
(479) 441-0231

HP ENGINEERING
now IMEG

5504 W. Pinnacle Pointe Drive, Suite 200 Rogers, AR 72758 | 479-899-6370

REV 5 CHANGE NARRATIVE LETTER

TO: WES BURGESS – CRAFTON TULL

FROM: STEPHEN EDMONDSON, BETSY WELLS, DAVE PATRICK, AND LUKE MUGLER – IMEG CORP.

DATE: 9/2/2026

PROJECT: HOG PINNACLE – ROGERS, AR

ELECTRICAL DESIGN ITEMS

1. E-101 – OVERALL MECHANICAL POWER PLAN LEVEL 1
    a. Removed fire alarm keynotes and renumbered remaining.
    b. Revised equipment locations in relocated generator enclosure.
    c. Revised equipment layouts in revised ELEC 179 and ELEC 180.
    d. Revised equipment shown in Irrigation RPZ room and fire command center.
    e. Revised keynote #1 to reference the new electrical room location.

2. E-101B – ENLARGED POWER PLAN LEVEL 1 - AREA B
    a. Revised electrical service equipment locations to new electrical room.
    b. Added circuit tags to receptacles in incubation rooms 181-182.
    c. Added WP/WR tag to exterior receptacle.
    d. Relocated keynotes for fire command center equipment to sheet E-101D.

3. E-101D – ENLARGED POWER PLAN LEVEL 1 - AREA D
    a. Revised fire command center equipment locations to new fire command center room.
    b. Added keynotes for fire command center equipment from sheet E-101B.

4. E-101DM – ENLARGED MECHANICAL POWER PLAN LEVEL 1 - AREA D
    a. Added circuit to new exhaust fan EH-3.
    b. Added keynotes 1 and 2 for fire pump and jockey pump power requirements.
    c. Added keynote 3 for mechanical equipment wiring.

5. E-111 – OVERALL LIGHTING PLAN LEVEL 1
    a. Added lights to relocated generator enclosure.

6. E-111A – ENLARGED LIGHTING PLAN LEVEL 1 – AREA A
    a. Revised circuitry to recessed light P1 near the north stairwell.

7. E-111B – ENLARGED LIGHTING PLAN LEVEL 1 – AREA B

    a. Revised lights in Elec 180 and 170.
    b. Added (3) exterior emergency egress wall pack light fixtures.

8. E-111D – ENLARGED LIGHTING PLAN LEVEL 1 – AREA D
    a. Revised lighting layouts for fire command and irrigation RPZ rooms.
    b. Added a control zone to an exterior wall pack.

9. E-602 – PANEL SCHEDULES
    a. Revised panel schedule headers to reflect new panel locations.

10. E-603 – PANEL SCHEDULES
    a. Revised panel schedule headers to reflect new panel locations.

11. E-604 – PANEL SCHEDULES
    a. Revised panel schedule headers to reflect new panel locations.
    b. Added/revised site lighting circuits in panel H1A.
    c. Revised panel H1A to have 60 poles.
    d. Added EH-3 circuit to EH-3.
    e. Added receptacle and MS-6B circuits to panel L1A.
    f. Revised wire size to monument sign on L1B-51 to mitigate voltage drop.
    g. Added circuit to ACU-2 to panel L1A.

12. ES-100 – ELECTRICAL SITE PLAN
    a. Revised site plan for updated parking lot background.

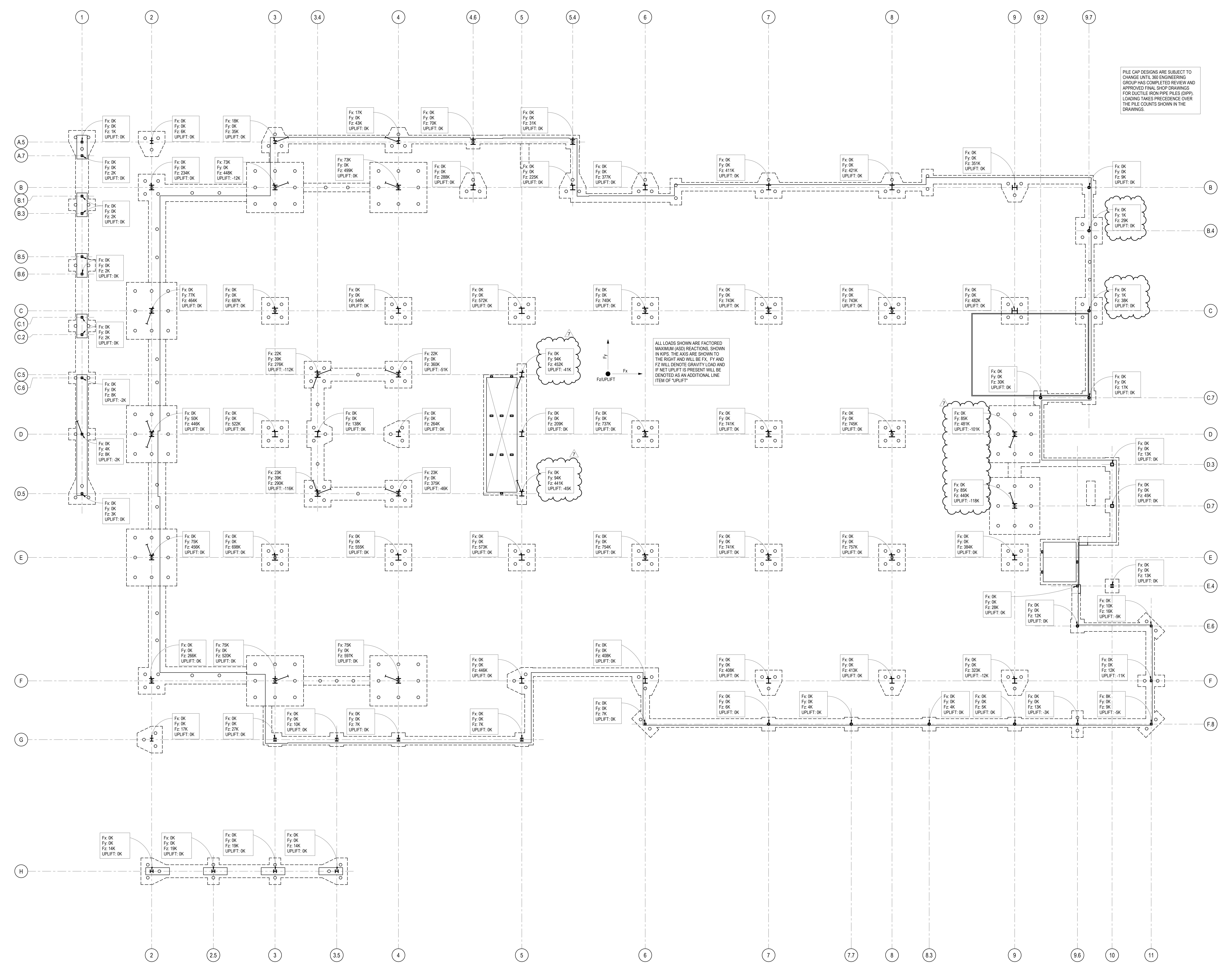
PLUMBING DESIGN ITEMS

1. P-100 – PLUMBING DRAIN PLAN – 1ST FLOOR
    a. Revised sanitary piping for relocating the Fire command and electrical rooms.
2. P-100B – ENLARGED DRAIN PLAN – LEVEL 1 – AREA B
    a. Revised sanitary and storm piping for relocating the Fire command and electrical rooms.
3. P-100D – ENLARGED DRAIN PLAN – LEVEL 1 – AREA D
    a. Revised sanitary and storm piping for relocating the Fire command and electrical rooms.
4. P-106B – ENLARGED SUPPLY PLAN – LEVEL 1 – AREA B
    a. Revised water piping for relocating the fire command and electrical rooms.
5. P-106D – ENLARGED SUPPLY PLAN – LEVEL 1 – AREA D
    a. Revised water piping for relocating the fire command and electrical rooms.
6. P-901 – PLUMBING DRAIN AND VENT RISER – LEVEL 1
    a. Revised sanitary isometric for relocating the fire command and electrical rooms.

MECHANICAL DESIGN ITEMS

1. M-101 – OVERALL HVAC ZONE PLAN LEVEL 1
    a. Updated zones to reflect new zones MS-6A, MS-6B and MS-9
2. M-106 – OVERALL HVAC PLAN LEVEL 1
    a. Showing updated equipment in revised rooms and mechanical yard.
3. M-106B – ENLARGED HVAC PLAN LEVEL 1 AREA B
    a. Showing updated equipment in revised rooms and mechanical yard.
4. M-106D – ENLARGED HVAC PLAN LEVEL 1 AREA D
    a. Showing updated equipment in revised rooms.
5. M-112 – OVERALL HVAC REFLECTED CEILING PLAN LEVEL 1
    a. Showing updated equipment in revised rooms and mechanical yard.
6. M-112B – ENLARGED HVAC REFLECTED CEILING PLAN LEVEL 1 – AREA B
    a. Showing updated equipment in revised rooms and mechanical yard.
7. M-112D – ENLARGED HVAC REFLECTED CEILING PLAN LEVEL 1 – AREA D
    a. Showing updated equipment in revised rooms.
8. M-117 – OVERALL MECHANICAL PIPING PLAN LEVEL 1
    a. Showing updated equipment in revised rooms and mechanical yard.
9. M-117B –ENLARGED MECHANICAL PIPING PLAN LEVEL 1 – AREA B
    a. Showing updated equipment in revised rooms and mechanical yard.
10. M-117D –ENLARGED MECHANICAL PIPING PLAN LEVEL 1 – AREA D
    a. Showing updated equipment in revised rooms.
11. M-503 –VRF PIPING DIAGRAMS
    a. Modified piping diagram for MCD6 and added piping diagram for MCD-9
12. M-601 –MECHANICAL SCHEDULE
    a. Added MCD-9 to the VRF condensing unit schedule
    b. Modified MS-6A and added MS-6A, MS-9A, and MS-9b to the VRF indoor unit schedule

End of responses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PILE CAP DESIGNS ARE SUBJECT TO CHANGE UNTIL 360 ENGINEERING GROUP HAS COMPLETED REVIEW AND APPROVED FINAL SHOP DRAWINGS FOR DUCTILE IRON PIPE PILES (DIPP). LOADING TAKES PRECEDENCE OVER THE PILE COUNTS SHOWN IN THE DRAWINGS.

ALL LOADS SHOWN ARE FACTORED MAXIMUM (ASD) REACTIONS, SHOWN IN KIPS. THE AXIS ARE SHOWN TO THE RIGHT AND WILL BE FX, FY AND FZ WILL DENOTE GRAVITY LOAD AND IF NET UPLIFT IS PRESENT WILL BE DENOTED AS AN ADDITIONAL LINE ITEM OF "UPLIFT"

1 FOUNDATION PLAN
1/8" = 1'-0"

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918.518.1124

No. 2657

360 Project No : 23481

HIGHLANDS
ONCOLOGY

HIGHLANDS BUILDING AT PINNACLE HILLS

SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key Plan

No.	Description	Date
1	ADDENDUM 01	12/18/2025
3	ADDENDUM 03	02/04/2026
7	P.R. #03	08/28/2026

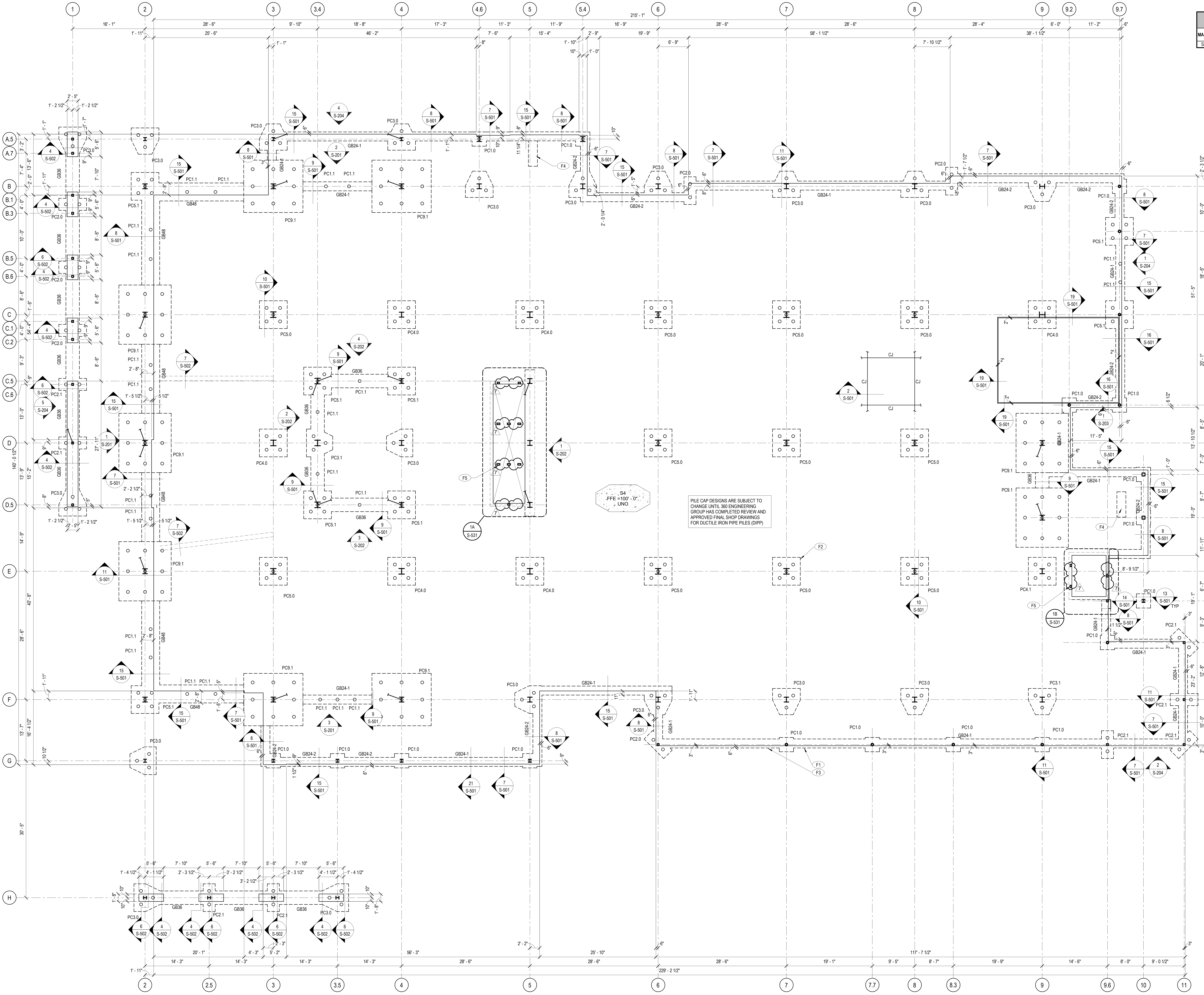
PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
QC DATE:

ELIAS R. JOHANNSSON
No.13684
08/31/2026

CONSTRUCTION DOCUMENTS

FOUNDATION LOADING PLAN

S-002



PILE CAP DESIGNS ARE SUBJECT TO CHANGE UNTIL 360 ENGINEERING GROUP HAS COMPLETED REVIEW AND APPROVED FINAL SHOP DRAWINGS FOR DUCTILE IRON PIPE PILES (DIPP)

PLAN NORTH

1 FOUNDATION PLAN

1/8" = 1'-0"

SLAB ON GRADE SCHEDULE

MARK	SLAB		REINF
	THK	MATL	
S4	4"	CONC	#4 AT 16" OC EW WITH 1 1/2" TOP COVER

PLAN NOTES - FOUNDATION

F1 TOP OF EXTERIOR/EXTERIOR PERIMETER FOUNDATIONS 98'-8" UNO.

F2 TOP OF INTERIOR PILE CAP = 98'-8" UNO.

F3 GRADE BEAMS ARE GB24-1, UNO

F4 STAIR STRINGERS; CONNECT EACH STRINGER TO A 12" DEEP x 2'-0" WIDE THICKENED SLAB-ON-GRADE WITH (2) #4 CONTINUOUS. USE L4x4x0'-9" AT EACH STRINGER WITH (2) 1/2" DIA HILTI HAS RODS EMBEDDED 4 1/2" WITH HILTI HIT-RE 500-SD EPOXY ADHESIVE.

F5 ELEVATOR GUIDE RAIL COLUMN, SEE S-531 PLAN NOTES.

GENERAL FOUNDATION NOTES

1. SEE SHEET S-001 AND S-002 FOR GENERAL NOTES.
2. SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN. COORDINATE SLAB ELEVATIONS AND SLOPES WITH ARCHITECTURAL PLANS.
3. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
4. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE DURING CONSTRUCTION FOR THE SLAB AREA. SLAB SUBGRADE SHALL NOT BE ALLOWED TO RETAIN WATER DURING CONSTRUCTION.
5. SEE SHEET FOUNDATION DETAILS FOR REINFORCEMENT AT RE-ENTRANT CORNERS AND DISCONTINUOUS JOINTS.
6. SLAB BLOCKOUTS AT COLUMNS AND BRACED FRAMES SHALL BE SIZED AS REQUIRED TO PROPERLY INSTALL AND CONNECT COLUMNS AND DIAGONAL BRACES, SEE SHEET S-501.
7. CONTROL JOINTS SHOULD NOT BE SPACED MORE THAN 15'-0" OC, AND THE PANELS SO FORMED BY THE CONTROL JOINTS SHOULD NOT EXCEED A LENGTH TO WIDTH RATIO OF 1.5.
8. THICKENED SLAB AT FLOOR BOXES AND CONDUIT TO MAINTAIN A MINIMUM 4" SLAB THICKNESS. SEE ELECTRICAL DRAWINGS FOR LOCATIONS.
9. HOUSEKEEPING PADS SHALL BE 4" NW CONCRETE PAD PLACED ON SLAB. REINFORCE PAD WITH #3 AT 12" OC, EW. SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF PADS.
10. SEE PLAN FOR SLAB THICKNESS AND REINFORCING, PROVIDE 15 MIL MINIMUM VAPOR RETARDER OVER 4" GRANULAR BASE COURSE OVER APPROVED LOW VOLUME CHANGE ENGINEERED FILL PER THE GEOTECHNICAL REPORT.
11. STRUC FINISHED FLOOR ELEVATION = 100'-0"
    ARCH FINISHED FLOOR ELEVATION = 0'-0"
    CIVIL ELEVATION = 1276.50'
12. SEE S-503 FOR PILE AND PILE CAP INFORMATION

1450 E. Zion Road, Suite 9
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CERTIFICATE OF AUTHORIZATION
360 ENGINEERING GROUP, PLLC
No. 2657
ARKANSAS ENGINEER

360 Project No : 23481

HIGHLANDS
ONCOLOGY

HIGHLANDS BUILDING AT PINNACLE HILLS

SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key Plan

No.	Description	Date
1	ADDENDUM 01	12/18/2025
3	ADDENDUM 03	02/04/2026
7	P.R. #03	08/28/2026

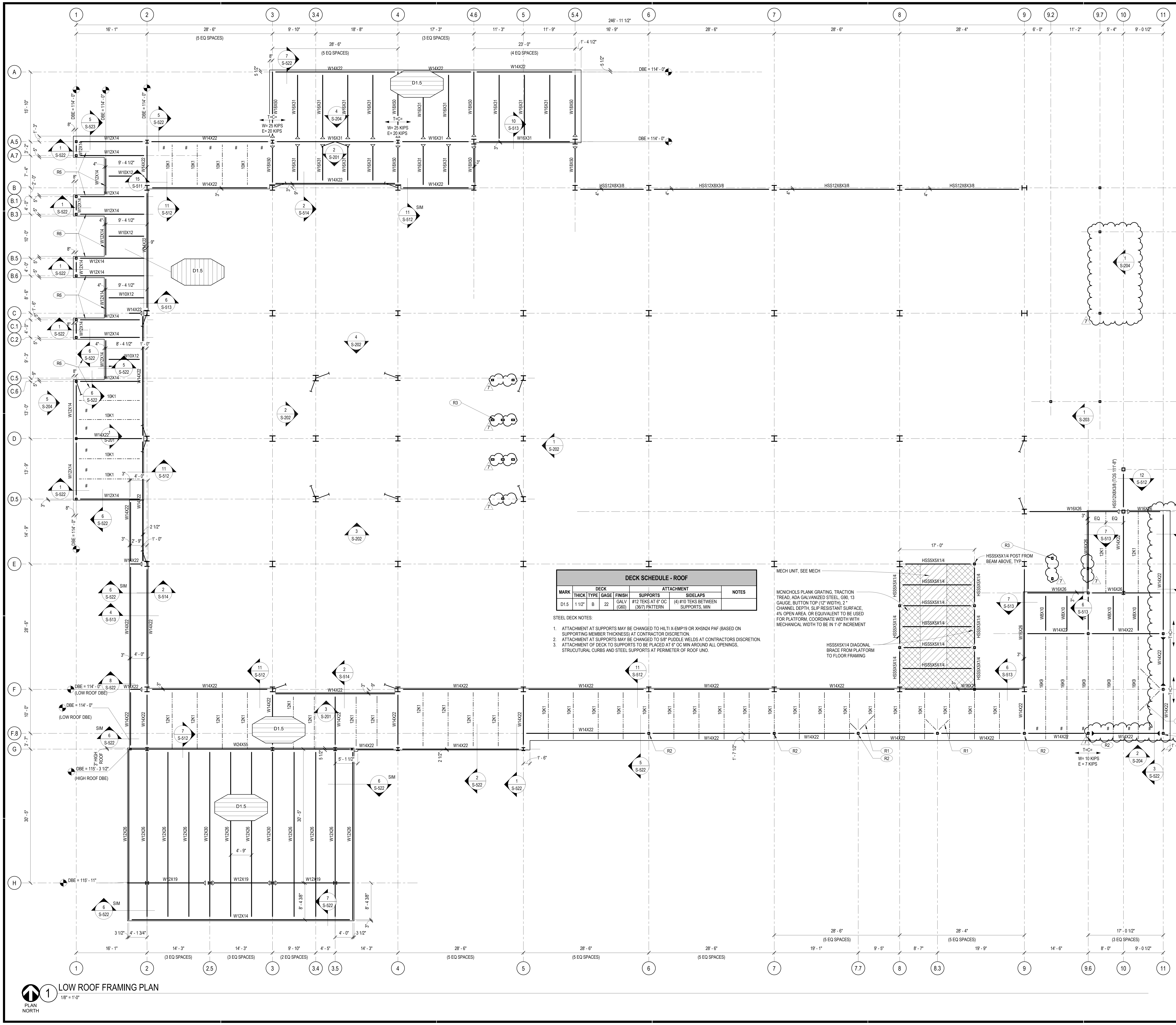
PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
QC DATE:

CONSTRUCTION DOCUMENTS

No.13684
ELIAS R. JOHANNSSON
08/31/2026

FOUNDATION PLAN

S-101



MECH UNIT, SEE MECH

MCNICHOLS PLANK GRATING, TRACTION TREAD, ADA GALVANIZED STEEL, G90, 13 GAUGE, BUTTON TOP (12" WIDTH), 2 " CHANNEL DEPTH, SLIP RESISTANT SURFACE, 4% OPEN AREA. OR EQUIVALENT TO BE USED FOR PLATFORM, COORDINATE WIDTH WITH MECHANICAL WIDTH TO BE IN 1'-0" INCREMENT

HSS5X5X1/4 DIAGONAL BRACE FROM PLATFORM TO FLOOR FRAMING

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

PLAN NORTH

DECK SCHEDULE - ROOF

MARK	DECK				ATTACHMENT		NOTES
	THICK	TYPE	GAGE	FINISH	SUPPORTS	SIDELAPS	
D1.5	1 1/2"	B	22	GALV (G60)	#12 TEKS AT 6" OC (36/7) PATTERN	(4) #10 TEKS BETWEEN SUPPORTS, MIN	

STEEL DECK NOTES:

1. ATTACHMENT AT SUPPORTS MAY BE CHANGED TO HILTI X-EMP19 OR XHSN24 PAF (BASED ON SUPPORTING MEMBER THICKNESS) AT CONTRACTOR DISCRETION.
2. ATTACHMENT AT SUPPORTS MAY BE CHANGED TO 5/8" PUDDLE WELDS AT CONTRACTORS DISCRETION.
3. ATTACHMENT OF DECK TO SUPPORTS TO BE PLACED AT 6" OC MIN AROUND ALL OPENINGS, STRUCUTURAL CURBS AND STEEL SUPPORTS AT PERIMETER OF ROOF UNO.

PLAN NOTES - ROOF FRAMING (R)

R1 L3x3x1/4 BRACE FROM TOP OF COLUMN TO TOP CHORD PANEL POINT. COPE VERTICAL LEG. WELD TO COLUMN AND JOIST. WELD TO DECK AT 6" OC, TYP
R2 , WELD ALL AROUND TO COLUMN FACE WITH 3/16" FILLET WELD
R3 ELEVATOR GUIDE RAIL COLUMN, SEE S-531 PLAN NOTES.
R4 W8x31 HOIST BEAM, SEE ELEVATOR MANUFACTURER FOR LOCATION AND ELEVATION
R5 PROVIDE BEAM SPACER BELOW SLAB AND ABOVE LOW BEAM AS REQUIRED
R6 THIS GROUP OF SECTIONS ARE TYP AT THESE LOCATIONS
R7 HSS 5X5X1/4 POST HANGER , WITH L3X3X1/4 KICKER TO BOTTOM OF BEAM

#	INDICATES DIAPHRAGM SHEAR COLLECTOR
▷	INDICATES MOMENT CONNECTION

GENERAL LOW ROOF FRAMING NOTES

1 SEE SHEET S-001 FOR GENERAL NOTES.
2 SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
3 SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
4 "DBE" INDICATES DECK BEARING ELEVATION.
5 NO HANGING LOADS SHALL BE APPLIED TO THE ROOF DECK.
6 CONCENTRATED LOADS AT STEEL JOIST BOTTOM CHORD OR TOP CHORD MAY OCCUR UP TO 1'-0" AWAY FROM LOCATION SHOWN. LOADS INDICATED ARE FACTORED FOR USE WITH ALLOWABLE STRESS DESIGN (ASD) METHOD. SEE TYPICAL MECHANICAL UNIT SUPPORT DETAIL. REFERENCE MECHANICAL FOR EXACT LOCATIONS.
7 STEEL JOIST MANUFACTURER SHALL COORDINATE MECHANICAL DUCT LOCATIONS TO AVOID CONFLICT WITH BRIDGING.
8 JOIST BRIDGING AND ERECTION STABILITY SHALL BE PROVIDED IN ACCORDANCE WITH THE OCCUPATIONAL SAFETY AND HAZARD ADMINISTRATION (OSHA) AND THE STEEL JOIST INSTITUTE (SJI) SPECIFICATIONS OF LATEST ADOPTION TYPICAL FOR GRAVITY AND UPLIFT LOADS SUPERIMPOSED ON ALL JOISTS . DIAGONAL BRIDGE SHALL BE PROVIDED BETWEEN ADJACENT JOISTS WHENEVER BOTTOM CHORD HORIZONTAL BRIDGING DISCONTINUES.
9 STEEL FABRICATOR SHALL DESIGN BEAM CONNECTIONS TO COLUMNS OR TO BEAMS FOR THE TOTAL REACTIONS SHOWN ON THE PLANS. REACTIONS INDICATED ARE FACTORED FOR USE WITH ALLOWABLE STRESS DESIGN (ASD) METHOD. IF NO REACTION IS SHOWN ON THE PLANS, DESIGN FOR THE ASD FACTORED REACTION SHOWN IN THE STEEL BEAM MINIMUM CONNECTION SCHEDULE.
10 ADDITIONAL PLATES, INCLUDED BUT NOT LIMITED TO DOUBLER PLATES AND STIFFENER PLATES, ARE THE RESPONSIBILITY OF THE CONNECTIONS ENGINEER.

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5	PLAN REVIEW COMMENTS	07/22/2026
7	P.R. #03	08/28/2026

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ELIAS R. JOHANNSSON
No.13684
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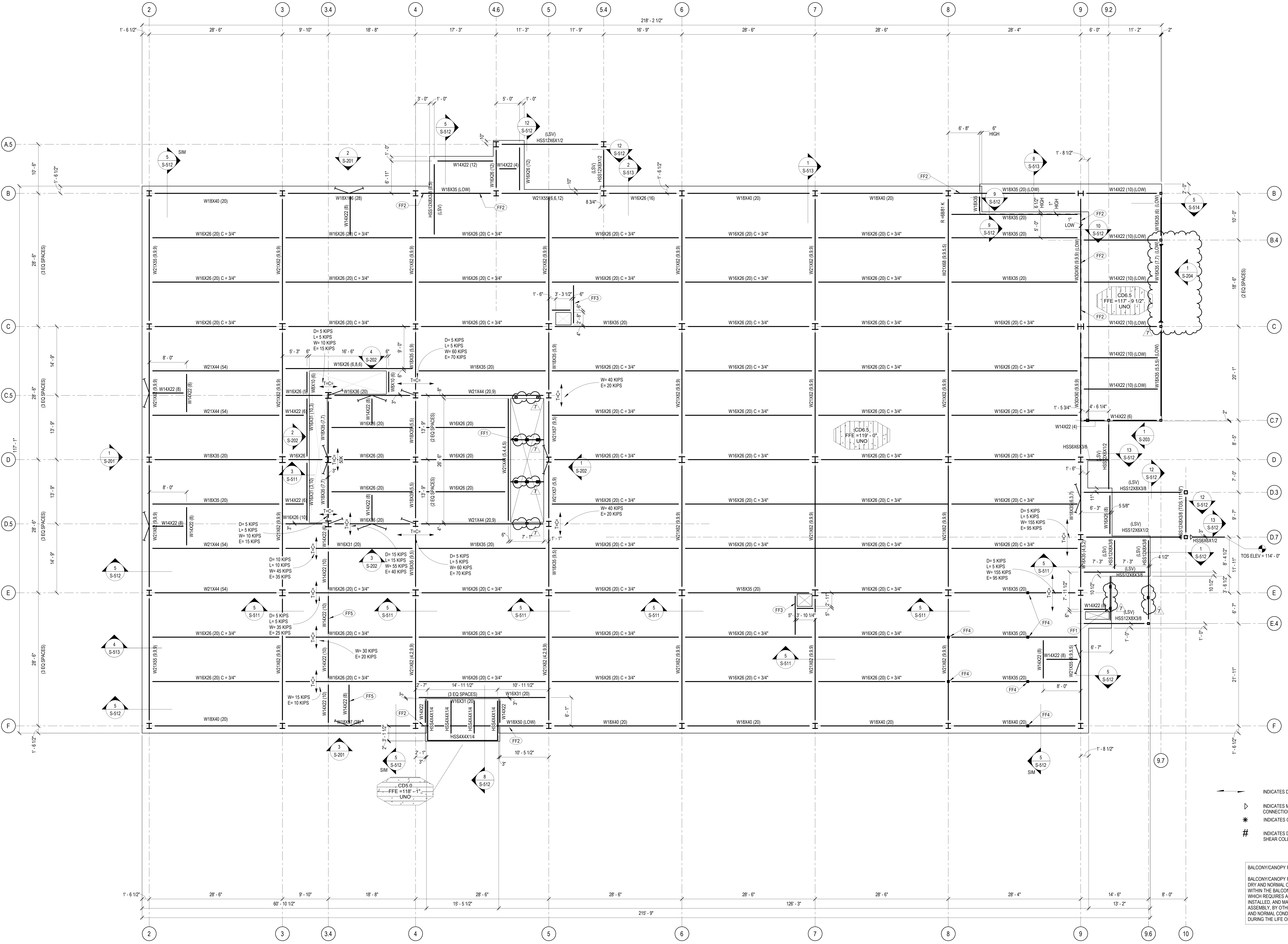
LOW ROOF FRAMING PLAN

S-102



1 2ND FLOOR FRAMING PLAN

1/8" = 1'-0"

PLAN
NORTH

GENERAL FLOOR FRAMING NOTES

1. SEE SHEET S-001 FOR GENERAL NOTES.
2. SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
3. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
4. AT ALL EDGES OF OPENINGS WHERE EDGE ANGLE IS NOT NOTED, SEE DETAILS ON S-511
5. STEEL FABRICATOR SHALL DESIGN BEAM CONNECTIONS TO COLUMNS OR TO BEAMS FOR THE TOTAL REACTIONS SHOWN ON THE PLANS. REACTIONS INDICATED ARE FACTORED FOR USE WITH ALLOWABLE STRESS DESIGN (ASD) METHOD. IF NO REACTION IS SHOWN ON THE PLANS, DESIGN FOR THE ASD FACTORED REACTION SHOWN IN THE STEEL BEAM MINIMUM CONNECTION SCHEDULE.
6. PLACING CONDUIT IN SLAB IS NOT PERMITTED.
7. ADDITIONAL PLATES, INCLUDED BUT NOT LIMITED TO DOUBLER PLATES AND STIFFENER PLATES, ARE THE RESPONSIBILITY OF THE CONNECTIONS ENGINEER.
8. STAIR FABRICATOR TO DESIGN THE STAIR ASSEMBLY, INCLUDING ALL COMPONENTS AND CONNECTIONS TO SUPPORTING MEMBERS, IN ACCORDANCE WITH THE SPECIFICATIONS. SEE: ARCH DRAWINGS FOR STAIR LAYOUT.

PLAN NOTES - FLOOR FRAMING

FF1 ELEVATOR GUIDE RAIL COLUMN, SEE S-531 PLAN NOTES.
FF2 PROVIDE BEAM SPACER BELOW SLAB AND ABOVE LOW BEAM AS REQUIRED
FF3 SEE TYP FRAMED OPENING DETAIL, 2/S-511
FF4 HSS5X5X1/4 POST HANGER
FF5 CONTRACTOR TO PROVIDE GIRDER FILLER PLATES AS REQUIRED FOR HEADED STUD PLACEMENT, TYP

↔	INDICATES DIRECTION OF DECK SPAN
▷	INDICATES MOMENT CONNECTION
✳	INDICATES CONCENTRATED LOAD
#	INDICATES DIAPHRAGM SHEAR COLLECTOR

BALCONY/CANOPY FRAMING:

BALCONY/CANOPY FRAMING SHOWN ASSUMES DRY AND NORMAL CONDITIONS ARE MAINTAINED WITHIN THE BALCONY/CANOPY ENVELOPE WHICH REQUIRES A PROPERLY DESIGNED, INSTALLED, AND MAINTAINED WATERPROOFING ASSEMBLY, BY OTHERS, TO ENSURE THE DRY AND NORMAL CONDITIONS ARE SUSTAINED DURING THE LIFE OF THE STRUCTURE

DECK SCHEDULE - ROOF

MARK	DECK				ATTACHMENT		NOTES
	THICK	TYPE	GAGE	FINISH	SUPPORTS	SIDELAPS	
D1.5	1 1/2"	B	22	GALV (G60)	#12 TEKS AT 6" OC (36/7) PATTERN	(4) #10 TEKS BETWEEN SUPPORTS, MIN	

STEEL DECK NOTES:

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DECK SCHEDULE - COMPOSITE

MARK	SLAB/DECK THICK	SLAB			METAL DECK				DECK ATTACHMENT		NOTES
		THK	MATERIAL	REINF	THICK	TYPE	GAGE	FINISH	ATTACHMENT TO SUPPORTS	ATTACH SIDELAPS	
CD5.0	5"	3 1/2"	NW CONC	6x6 W2.1xW2.1 WWF	1 1/2"	VLI	20	GALV (G60)	#12 TEKS AT 12" OC (36/4) PATTERN	BUTTON PUNCHES AT 24" OC	
CD6.5	6 1/2"	3 1/2"	NW CONC	6x6 W2.1xW2.1 WWF	3"	VLI	20	GALV (G60)	#12 TEKS AT 12" OC (36/4) PATTERN	BUTTON PUNCHES AT 24" OC	

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Key Plan

No.	Description	Date
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3	ADDENDUM 03	02/04/2026
4	RFI #27	06/16/2026
5	PLAN REVIEW COMMENTS	07/22/2026
6	RFI #55	07/20/2028
7	P.R. #03	08/28/2026

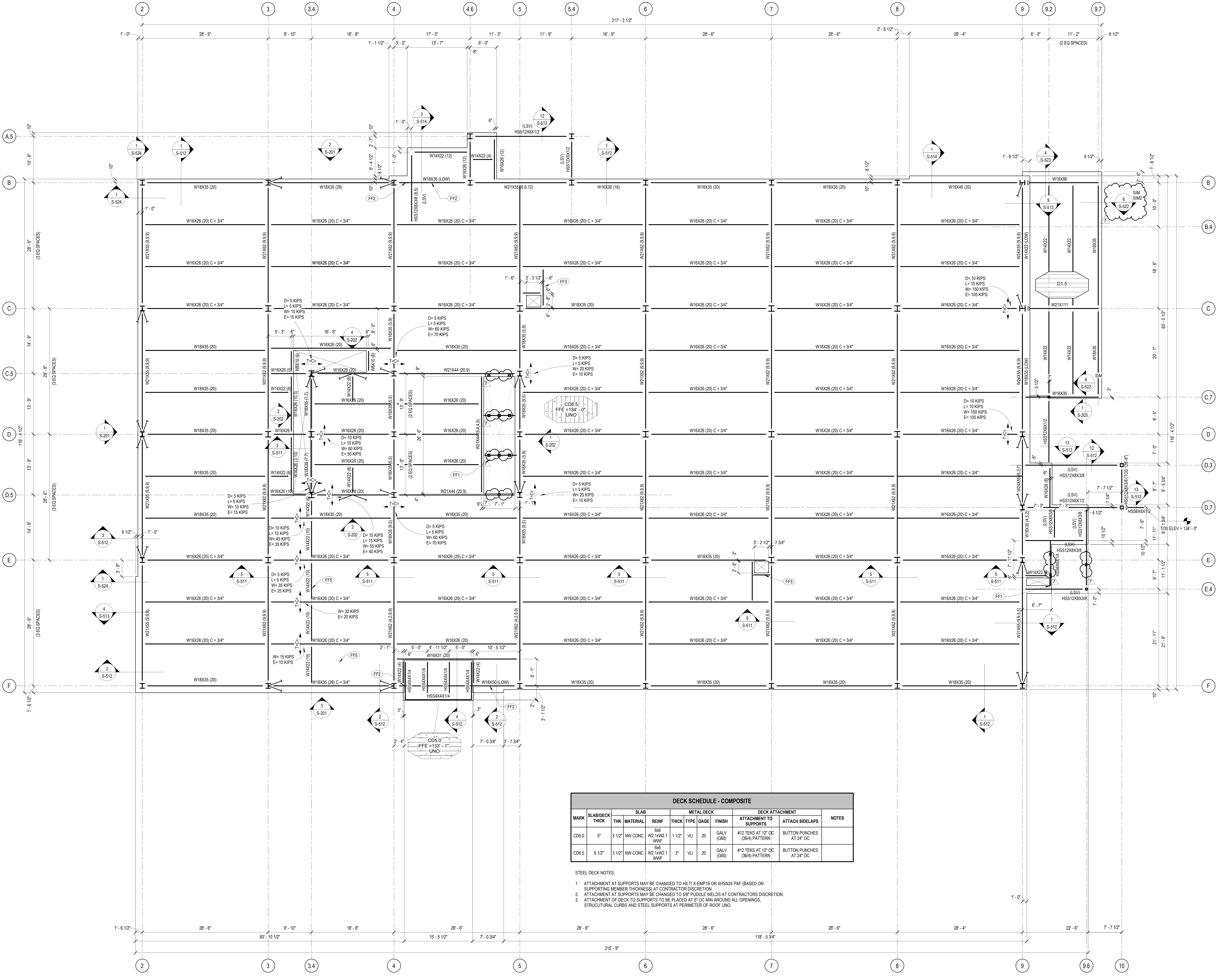
PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
QC DATE:

ELIAS R. JOHANNSSON
No.13684
08/31/2026

CONSTRUCTION DOCUMENTS

2ND FLOOR FRAMING PLAN

S-103



1 3RD FLOOR FRAMING PLAN

1/8" = 1'-0"

DECK SCHEDULE - COMPOSITE

MARK	SLAB/DECK THICK	SLAB			METAL DECK				DECK ATTACHMENT		NOTES
		THK	MATERIAL	REINF	THICK	TYPE	GAGE	FINISH	ATTACHMENT TO SUPPORTS	ATTACH SIDELAPS	
CD5.0	5"	3 1/2"	NW CONC	6x6 W2.1xW2.1 WWF	1 1/2"	VLI	20	GALV (G60)	#12 TEKS AT 12" OC (36/4) PATTERN	BUTTON PUNCHES AT 24" OC	
CD6.5	6 1/2"	3 1/2"	NW CONC	6x6 W2.1xW2.1 WWF	3"	VLI	20	GALV (G60)	#12 TEKS AT 12" OC (36/4) PATTERN	BUTTON PUNCHES AT 24" OC	

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GENERAL FLOOR FRAMING NOTES

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2 SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
3 SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
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PLAN NOTES - FLOOR FRAMING

FF1 ELEVATOR GUIDE RAIL COLUMN, SEE S-531 PLAN NOTES.
FF2 PROVIDE BEAM SPACER BELOW SLAB AND ABOVE LOW BEAM AS REQUIRED
FF3 SEE TYP FRAMED OPENING DETAIL, 2/S-511
FF4 HSS5X5X1/4 POST HANGER
FF5 CONTRACTOR TO PROVIDE GIRDER FILLER PLATES AS REQUIRED FOR HEADED STUD PLACEMENT, TYP

GENERAL ROOF FRAMING NOTES

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7	P.R. #03	08/28/2026

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QC BY:
QC DATE:

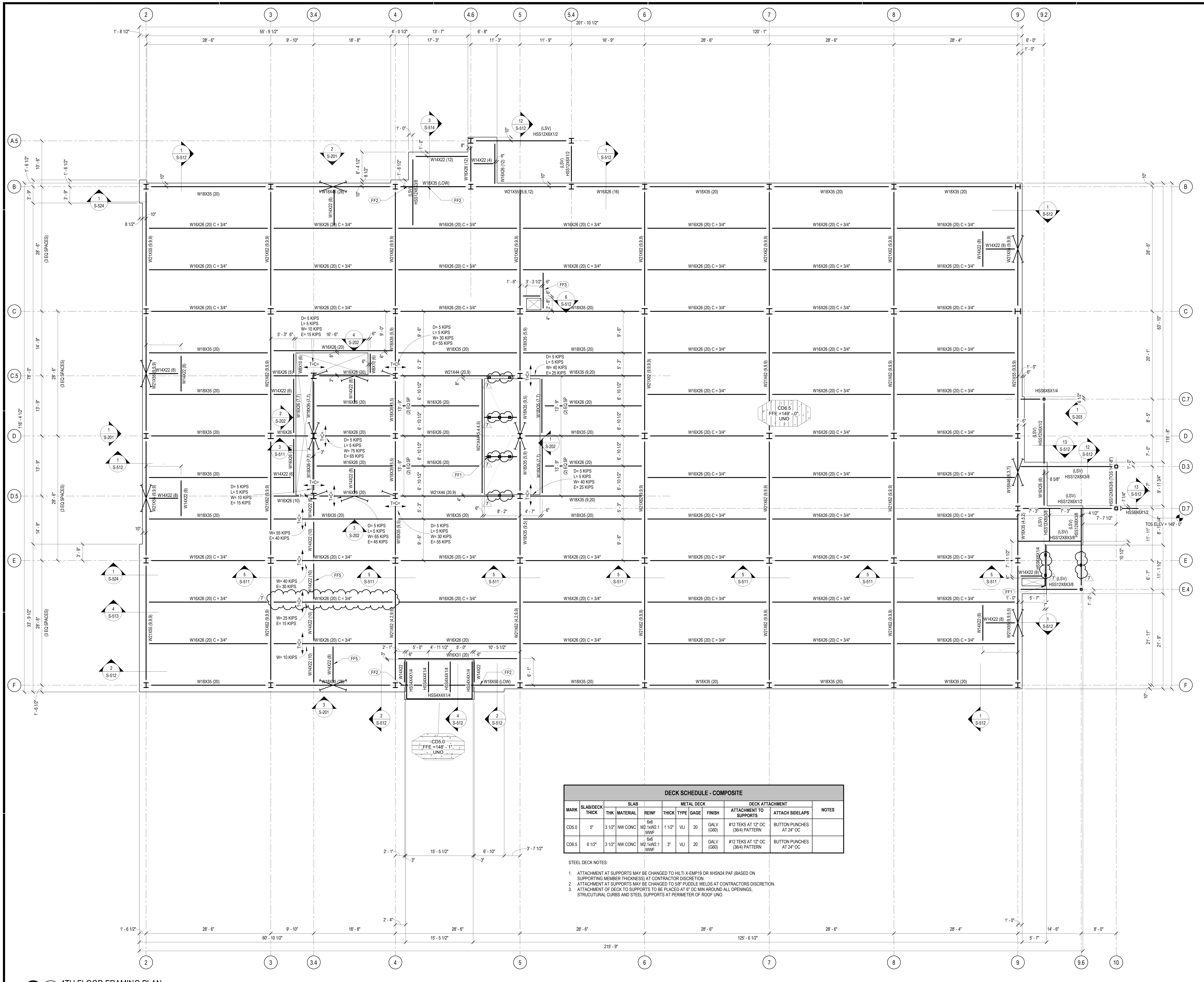
CONSTRUCTION
DOCUMENTS

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.13684
ELIAS R. JOHANNSSON

08/31/2026

3RD FLOOR FRAMING PLAN

S-104



4TH FLOOR FRAMING PLAN

1/8" = 1'-0"

PLAN NORTH

DECK SCHEDULE - COMPOSITE											
MARK	SLAB/DECK THICK	SLAB			METAL DECK				DECK ATTACHMENT		NOTES
		THK	MATERIAL	REINF	THICK	TYPE	GAGE	FINISH	ATTACHMENT TO SUPPORTS	ATTACH SIDELAPS	
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CD6.5	6 1/2"	3 1/2"	NW CONC	6x6 W2.1xW2.1 WWF	3"	VLI	20	GALV (G60)	#12 TEKS AT 12" OC (36/4) PATTERN	BUTTON PUNCHES AT 24" OC	

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GENERAL FLOOR FRAMING NOTES

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PLAN NOTES - FLOOR FRAMING

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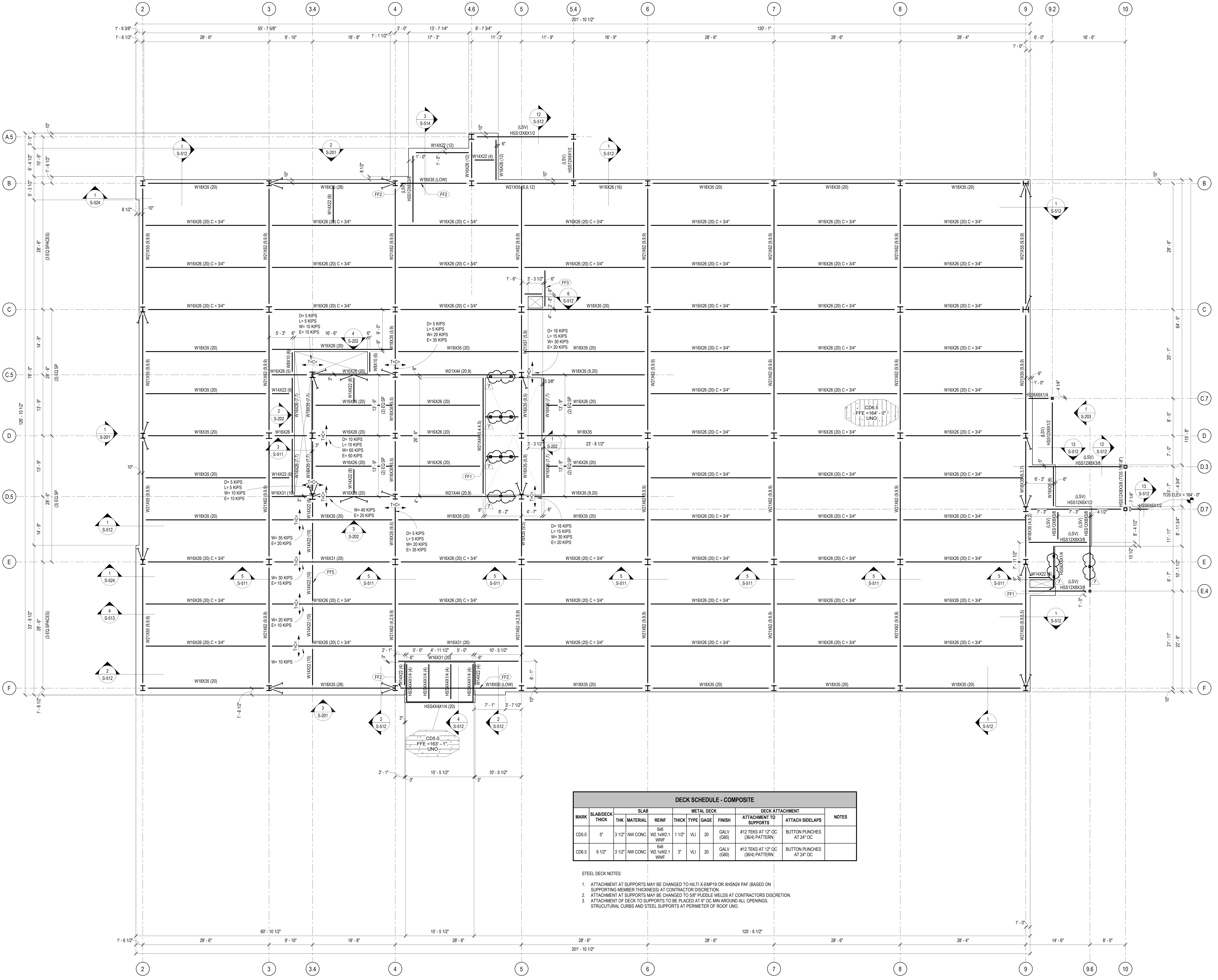
4TH FLOOR FRAMING PLAN

S-105



1 5TH FLOOR FRAMING PLAN
1/8" = 1'-0"
PLAN NORTH

GENERAL FLOOR FRAMING NOTES

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DECK SCHEDULE - COMPOSITE

MARK	SLAB/DECK THICK	SLAB			METAL DECK				DECK ATTACHMENT		NOTES
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CERTIFICATE OF AUTHORIZATION
360 ENGINEERING GROUP, PLLC
No. 2657
ARKANSAS ENGINEER
360 Project No : 23481

HIGHLANDS
ONCOLOGY

HIGHLANDS BUILDING AT PINNACLE HILLS
SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key Plan

No.	Description	Date
1	ADDENDUM 01	12/18/2025
3	ADDENDUM 03	02/04/2026
5	PLAN REVIEW COMMENTS	07/22/2026
7	P.R. #03	08/28/2026

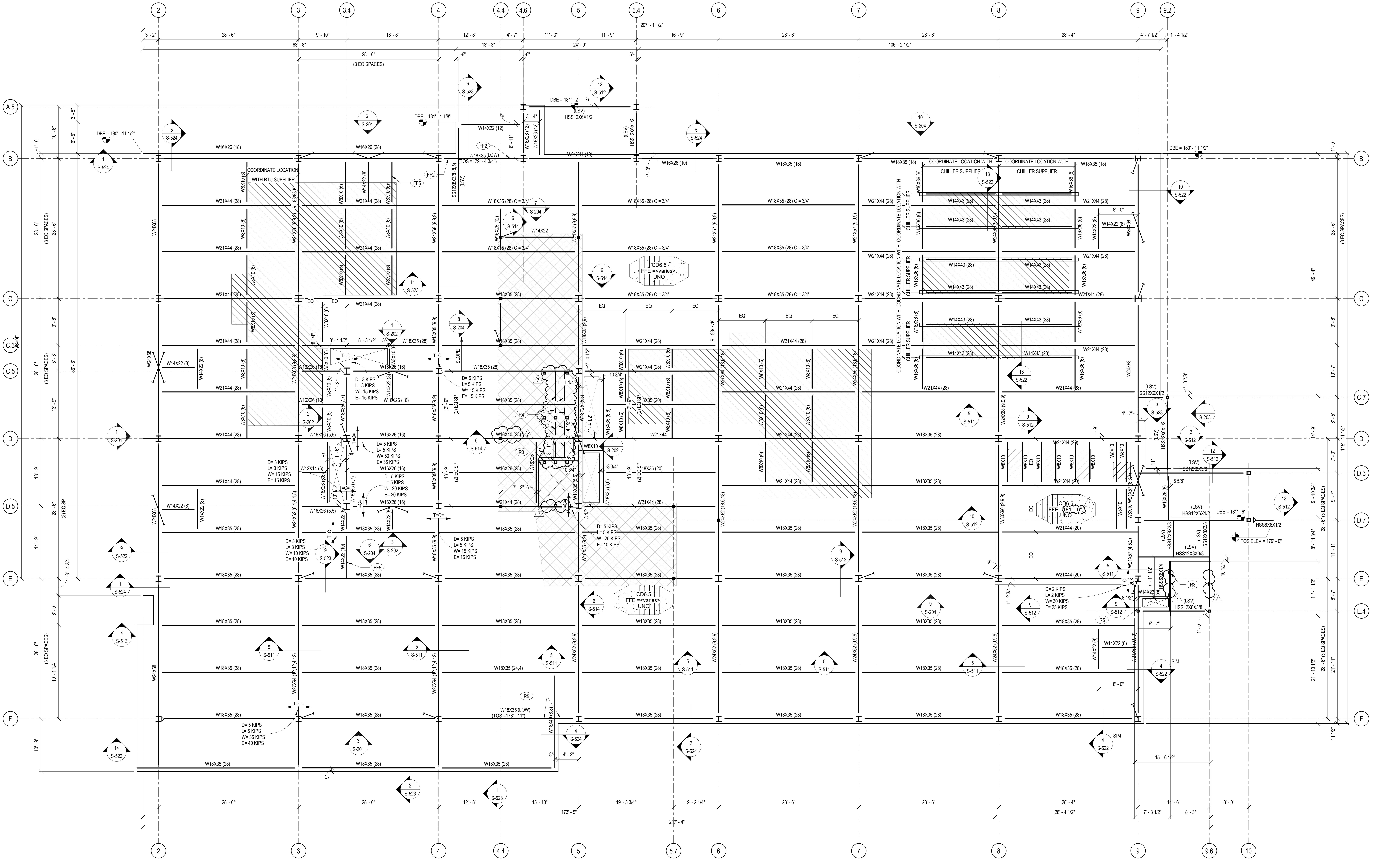
PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
QC DATE:

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.13684
ELIAS R. JOHANNSSON
08/31/2026

CONSTRUCTION DOCUMENTS

5TH FLOOR FRAMING PLAN

S-106



INDICATES DIRECTION OF DECK SPAN

INDICATES MOMENT CONNECTION

INDICATES CONCENTRATED LOAD

# INDICATES DIAPHRAGM SHEAR COLLECTOR

DECK SCHEDULE - COMPOSITE

MARK	SLAB/DECK THICK	SLAB			METAL DECK				DECK ATTACHMENT		NOTES
		THK	MATERIAL	REINF	THICK	TYPE	GAGE	FINISH	ATTACHMENT TO SUPPORTS	ATTACH SIDELAPS	
CD5.0	5"	3 1/2"	NW CONC	6x6 W2.1xW2.1 WWF	1 1/2"	VLI	20	GALV (G60)	#12 TEKS AT 12" OC (36/4) PATTERN	BUTTON PUNCHES AT 24" OC	
CD6.5	6 1/2"	3 1/2"	NW CONC	6x6 W2.1xW2.1 WWF	3"	VLI	20	GALV (G60)	#12 TEKS AT 12" OC (36/4) PATTERN	BUTTON PUNCHES AT 24" OC	

DECK SCHEDULE - ROOF

MARK	DECK				ATTACHMENT		NOTES
	THICK	TYPE	GAGE	FINISH	SUPPORTS	SIDELAPS	
D1.5	1 1/2"	B	22	GALV (G60)	#12 TEKS AT 6" OC (36/7) PATTERN	(4) #10 TEKS BETWEEN SUPPORTS, MIN	

STEEL DECK NOTES:

1. ATTACHMENT AT SUPPORTS MAY BE CHANGED TO HILTI X-EMP19 OR XHSN24 PAF (BASED ON SUPPORTING MEMBER THICKNESS) AT CONTRACTOR DISCRETION.
2. ATTACHMENT AT SUPPORTS MAY BE CHANGED TO 5/8" PUDDLE WELDS AT CONTRACTORS DISCRETION.
3. ATTACHMENT OF DECK TO SUPPORTS TO BE PLACED AT 6" OC MIN AROUND ALL OPENINGS, STRUCUTURAL CURBS AND STEEL SUPPORTS AT PERIMETER OF ROOF UNO.

1 ROOF FRAMING PLAN

1/8" = 1'-0"

PLAN NORTH

GENERAL FLOOR FRAMING NOTES

1 SEE SHEET S-001 FOR GENERAL NOTES.
2 SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
3 SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
4 AT ALL EDGES OF OPENINGS WHERE EDGE ANGLE IS NOT NOTED, SEE DETAILS ON S-511
5 STEEL FABRICATOR SHALL DESIGN BEAM CONNECTIONS TO COLUMNS OR TO BEAMS FOR THE TOTAL REACTIONS SHOWN ON THE PLANS. REACTIONS INDICATED ARE FACTORED FOR USE WITH ALLOWABLE STRESS DESIGN (ASD) METHOD. IF NO REACTION IS SHOWN ON THE PLANS, DESIGN FOR THE ASD FACTORED REACTION SHOWN IN THE STEEL BEAM MINIMUM CONNECTION SCHEDULE.
6 PLACING CONDUIT IN SLAB IS NOT PERMITTED.
7 ADDITIONAL PLATES, INCLUDED BUT NOT LIMITED TO DOUBLER PLATES AND STIFFENER PLATES, ARE THE RESPONSIBILITY OF THE CONNECTIONS ENGINEER.
8 STAIR FABRICATOR TO DESIGN THE STAIR ASSEMBLY, INCLUDING ALL COMPONENTS AND CONNECTIONS TO SUPPORTING MEMBERS, IN ACCORDANCE WITH THE SPECIFICATIONS. SEE: ARCH DRAWINGS FOR STAIR LAYOUT.

GENERAL ROOF FRAMING NOTES

1 SEE SHEET S-001 FOR GENERAL NOTES.
2 SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
3 SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
4 "DBE" INDICATES DECK BEARING ELEVATION.
5 NO HANGING LOADS SHALL BE APPLIED TO THE ROOF DECK.
6 CONCENTRATED LOADS AT STEEL JOIST BOTTOM CHORD OR TOP CHORD MAY OCCUR UP TO 1'-0" AWAY FROM LOCATION SHOWN. LOADS INDICATED ARE FACTORED FOR USE WITH ALLOWABLE STRESS DESIGN (ASD) METHOD. SEE TYPICAL MECHANICAL UNIT SUPPORT DETAIL. REFERENCE MECHANICAL FOR EXACT LOCATIONS.
7 STEEL JOIST MANUFACTURER SHALL COORDINATE MECHANICAL DUCT LOCATIONS TO AVOID CONFLICT WITH BRIDGING.
8 JOIST BRIDGING AND ERECTION STABILITY SHALL BE PROVIDED IN ACCORDANCE WITH THE OCCUPATIONAL SAFETY AND HAZARD ADMINISTRATION (OSHA) AND THE STEEL JOIST INSTITUTE (SJI) SPECIFICATIONS OF LATEST ADOPTION TYPICAL FOR GRAVITY AND UPLIFT LOADS SUPERIMPOSED ON ALL JOISTS . DIAGONAL BRIDGE SHALL BE PROVIDED BETWEEN ADJACENT JOISTS WHENEVER BOTTOM CHORD HORIZONTAL BRIDGING DISCONTINUES.
9 STEEL FABRICATOR SHALL DESIGN BEAM CONNECTIONS TO COLUMNS OR TO BEAMS FOR THE TOTAL REACTIONS SHOWN ON THE PLANS. REACTIONS INDICATED ARE FACTORED FOR USE WITH ALLOWABLE STRESS DESIGN (ASD) METHOD. IF NO REACTION IS SHOWN ON THE PLANS, DESIGN FOR THE ASD FACTORED REACTION SHOWN IN THE STEEL BEAM MINIMUM CONNECTION SCHEDULE.
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PLAN NOTES - ROOF FRAMING (R)

R1 L3x3x1/4 BRACE FROM TOP OF COLUMN TO TOP CHORD PANEL POINT. COPE VERTICAL LEG. WELD TO COLUMN AND JOIST. WELD TO DECK AT 6" OC, TYP
R2 , WELD ALL AROUND TO COLUMN FACE WITH 3/16" FILLET WELD
R3 ELEVATOR GUIDE RAIL COLUMN, SEE S-531 PLAN NOTES.
R4 W8x31 HOIST BEAM, SEE ELEVATOR MANUFACTURER FOR LOCATION AND ELEVATION
R5 PROVIDE BEAM SPACER BELOW SLAB AND ABOVE LOW BEAM AS REQUIRED
R6 THIS GROUP OF SECTIONS ARE TYP AT THESE LOCATIONS
R7 HSS 5X5X1/4 POST HANGER , WITH L3X3X1/4 KICKER TO BOTTOM OF BEAM

PLAN NOTES - FLOOR FRAMING

FF1 ELEVATOR GUIDE RAIL COLUMN, SEE S-531 PLAN NOTES.
FF2 PROVIDE BEAM SPACER BELOW SLAB AND ABOVE LOW BEAM AS REQUIRED
FF3 SEE TYP FRAMED OPENING DETAIL, 2/S-511
FF4 HSS5X5X1/4 POST HANGER
FF5 CONTRACTOR TO PROVIDE GIRDER FILLER PLATES AS REQUIRED FOR HEADED STUD PLACEMENT, TYP

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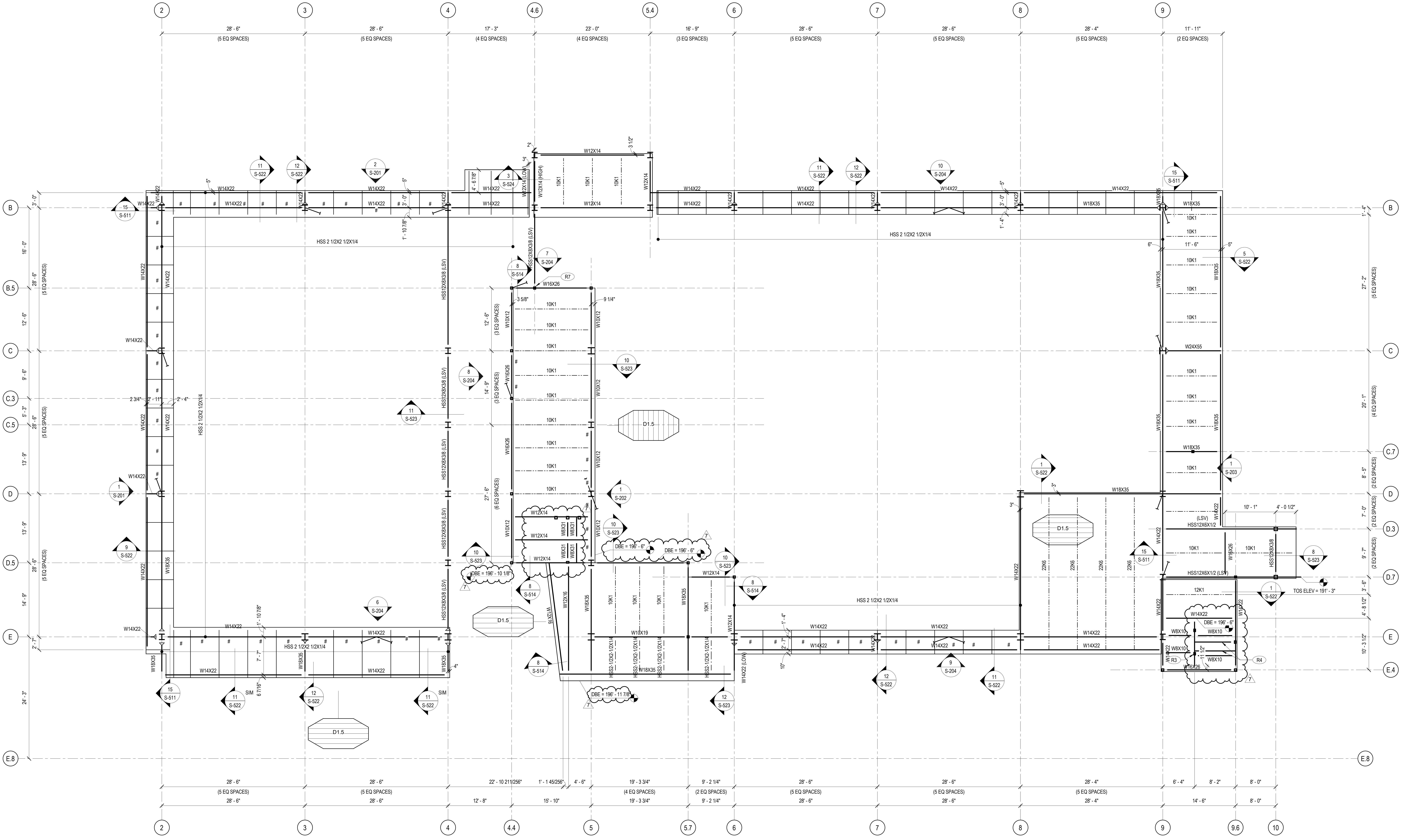
ROOF FRAMING PLAN

S-107



1 HIGH ROOF FRAMING PLAN

1/8" = 1'-0"

PLAN NORTH

DECK SCHEDULE - ROOF

MARK	DECK				ATTACHMENT		NOTES
	THICK	TYPE	GAGE	FINISH	SUPPORTS	SIDELAPS	
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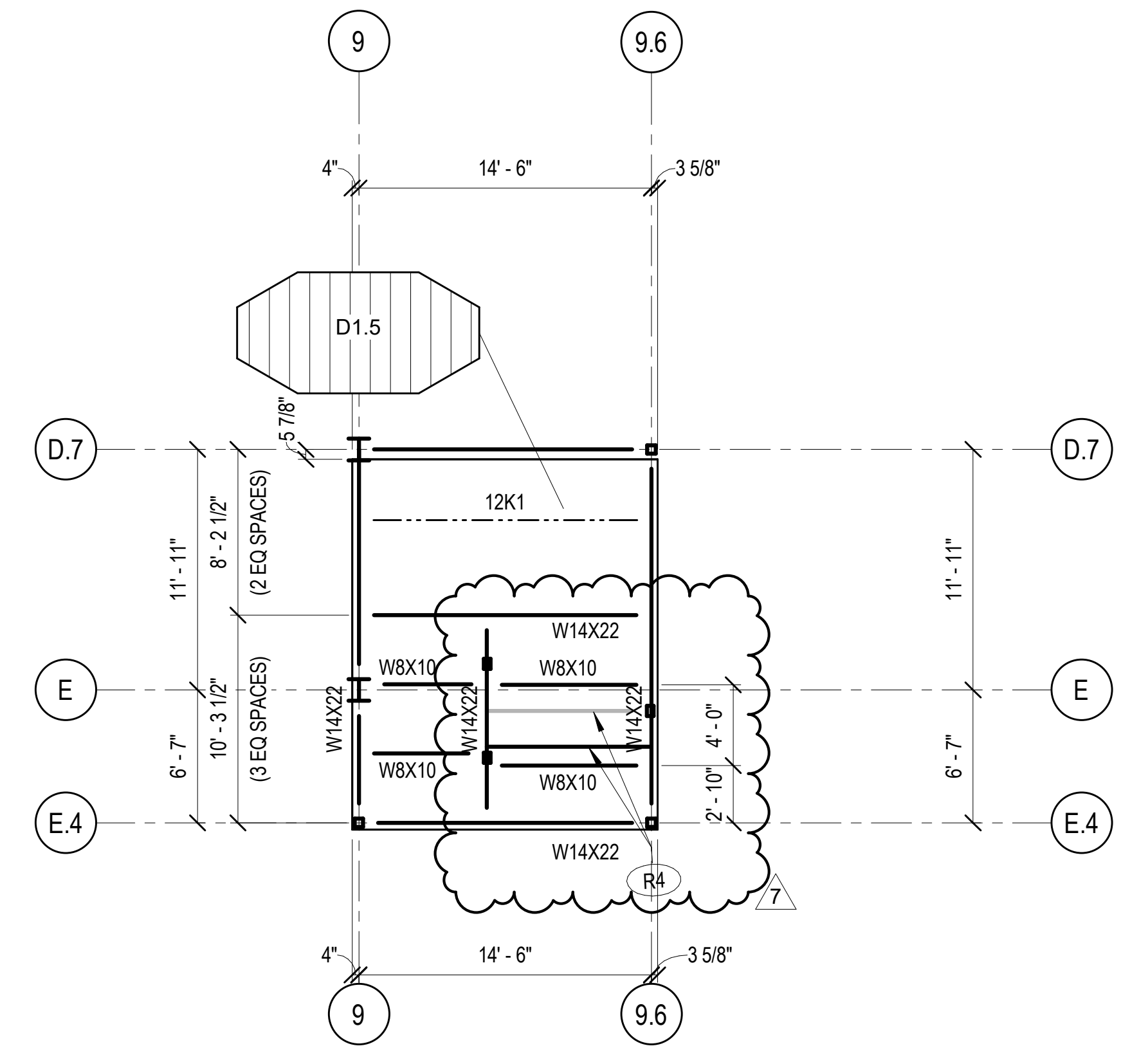

2 CORNER ELEVATOR DBE

1/8" = 1'-0"

GENERAL ROOF FRAMING NOTES

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R2 , WELD ALL AROUND TO COLUMN FACE WITH 3/16" FILLET WELD

R3 ELEVATOR GUIDE RAIL COLUMN, SEE S-531 PLAN NOTES.

R4 W8x31 HOIST BEAM, SEE ELEVATOR MANUFACTURER FOR LOCATION AND ELEVATION

R5 PROVIDE BEAM SPACER BELOW SLAB AND ABOVE LOW BEAM AS REQUIRED

R6 THIS GROUP OF SECTIONS ARE TYP AT THESE LOCATIONS

R7 HSS 5X5X1/4 POST HANGER , WITH L3X3X1/4 KICKER TO BOTTOM OF BEAM

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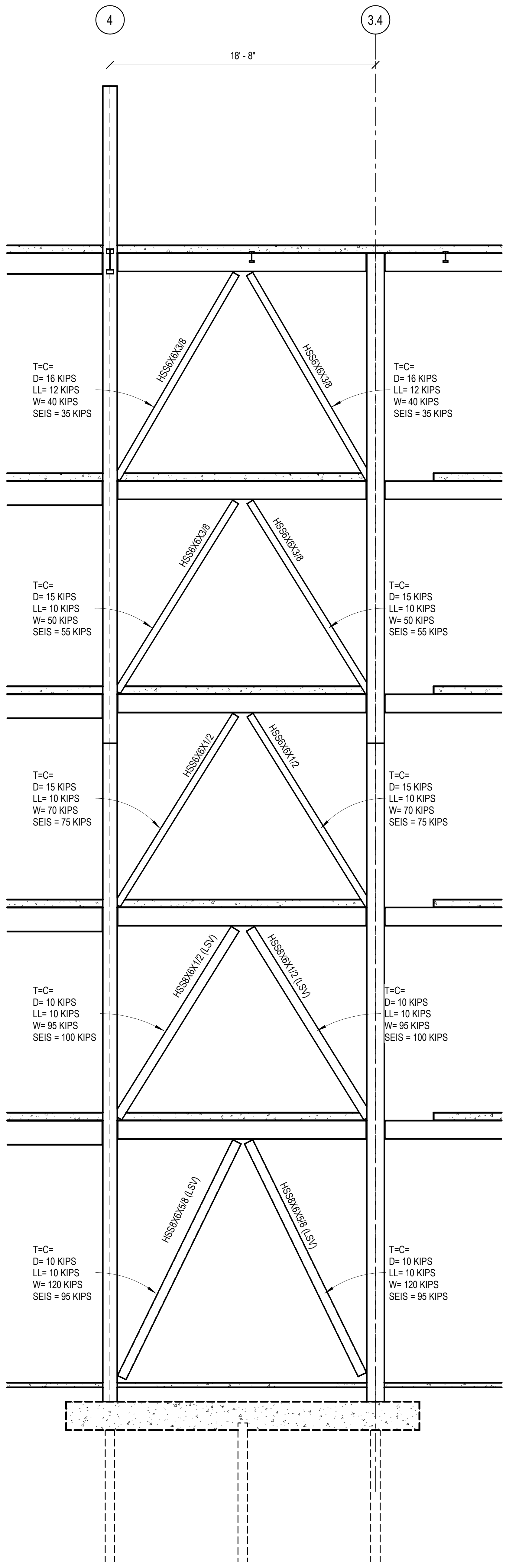
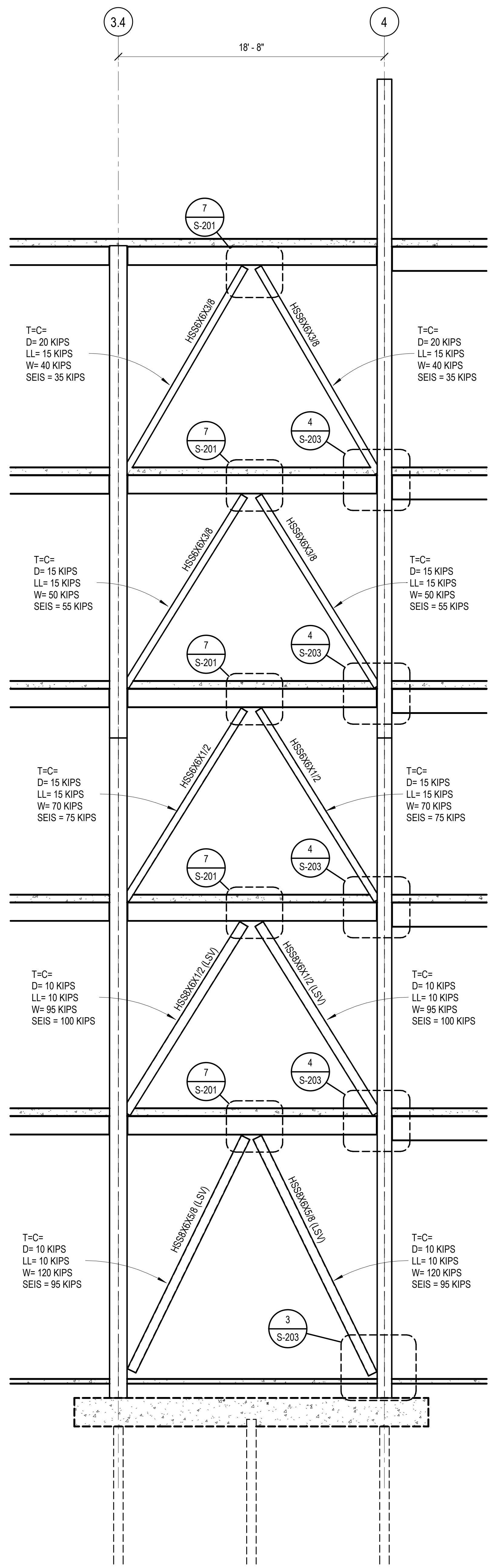
HIGH ROOF FRAMING PLAN

S-108



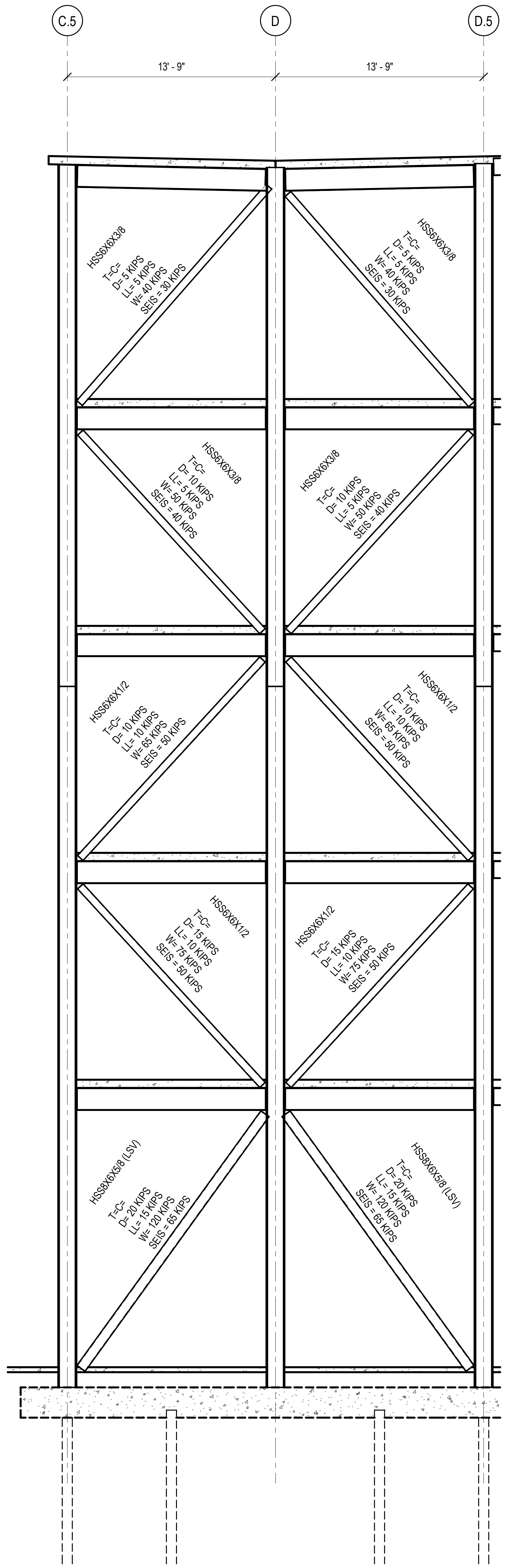
4 FRAMING ELEVATION GRID C.5

3/16" = 1'-0"



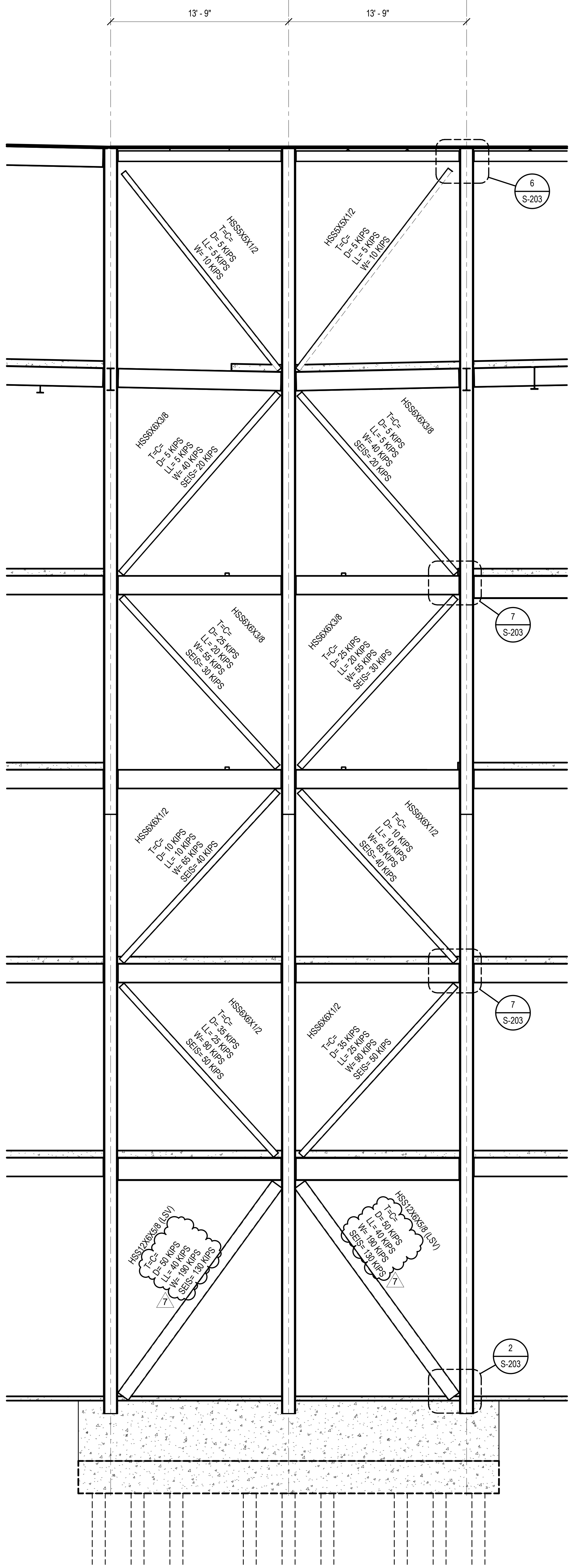
3 FRAMING ELEVATION GRID D.5

3/16" = 1'-0"



2 FRAMING ELEVATION GRID 3.4

3/16" = 1'-0"



1 FRAMING ELEVATION GRID 5

3/16" = 1'-0"

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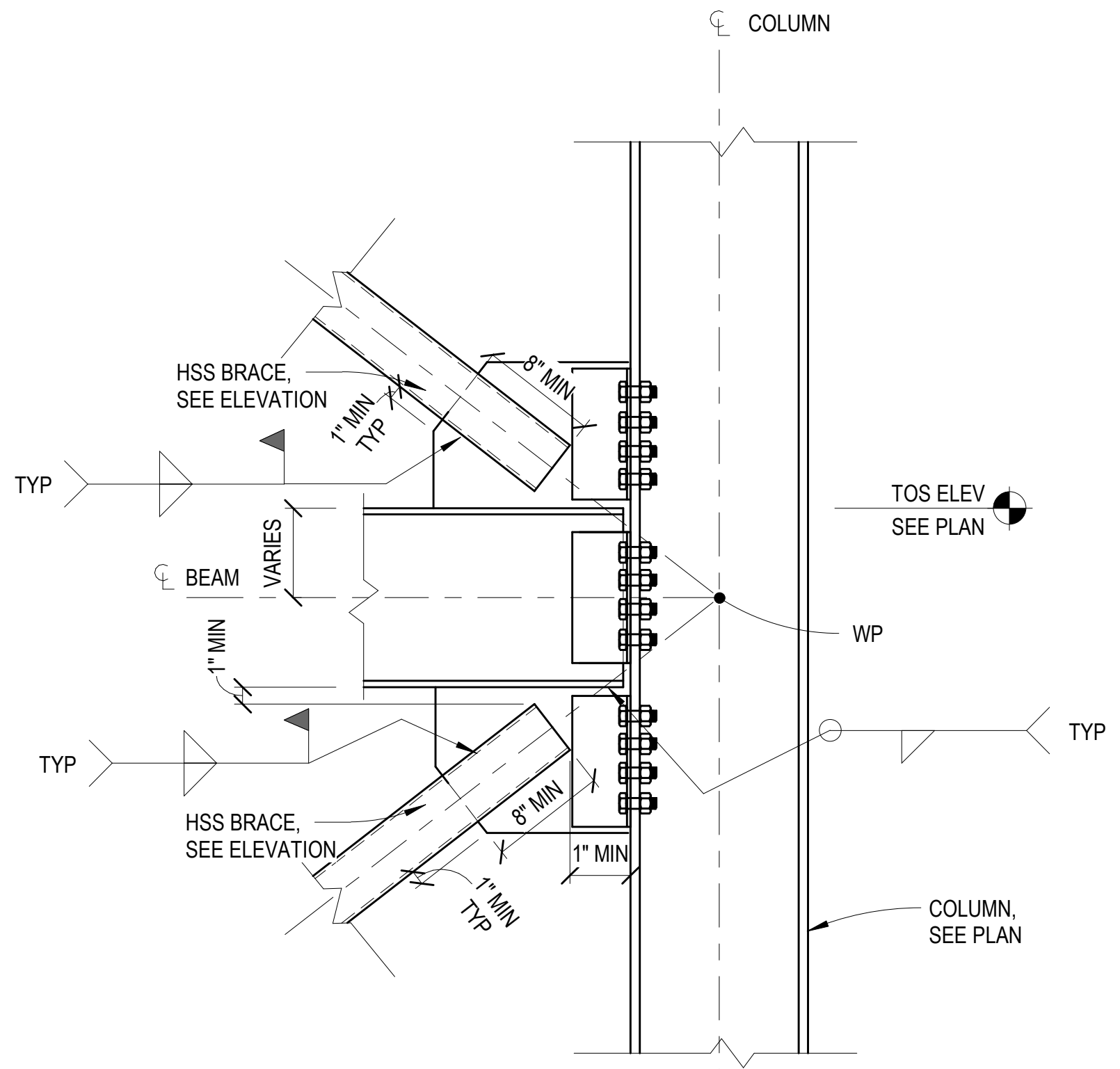
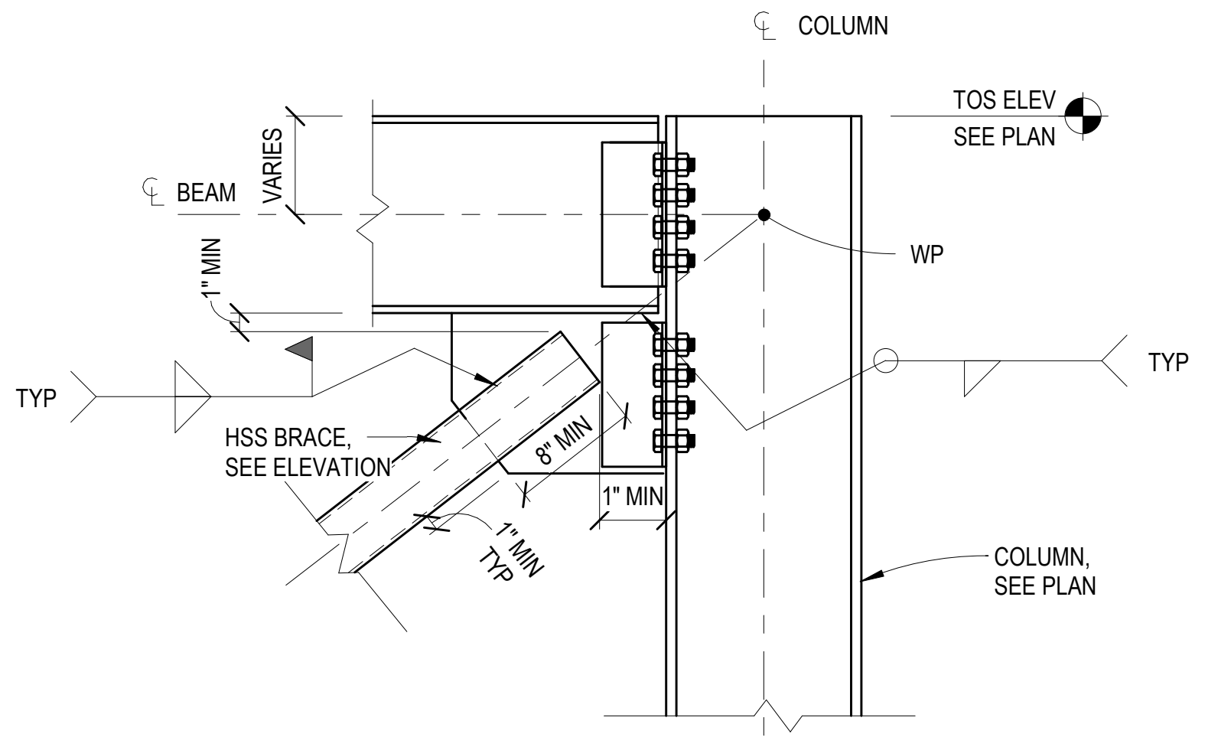
FRAMING ELEVATIONS

08/31/2026

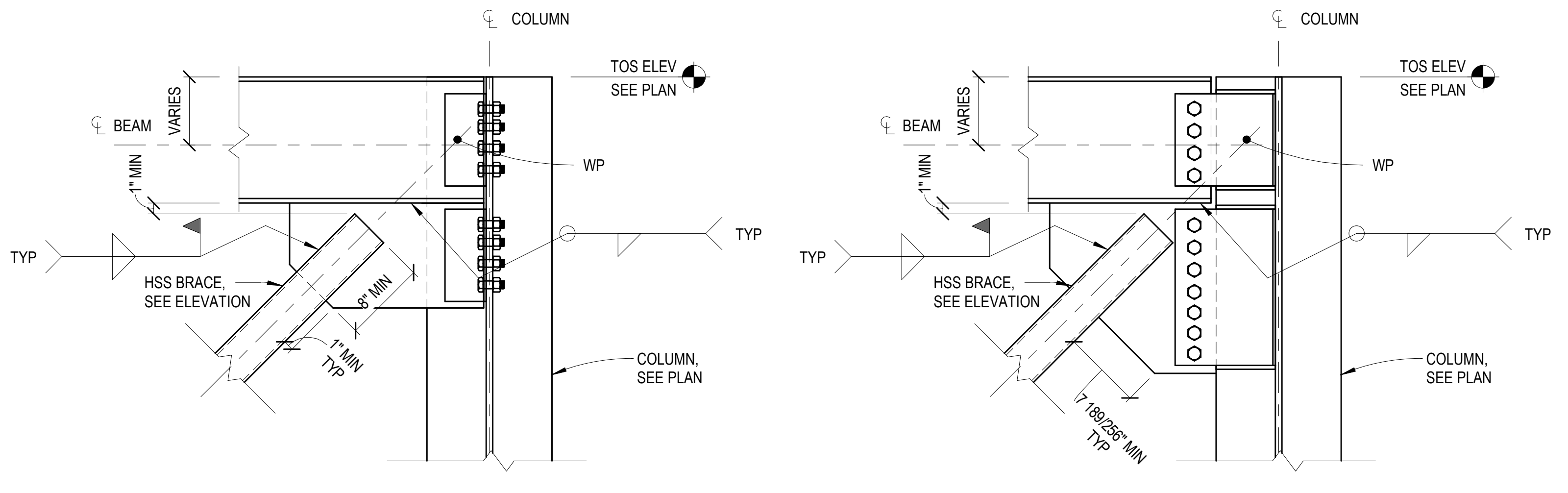
S-202



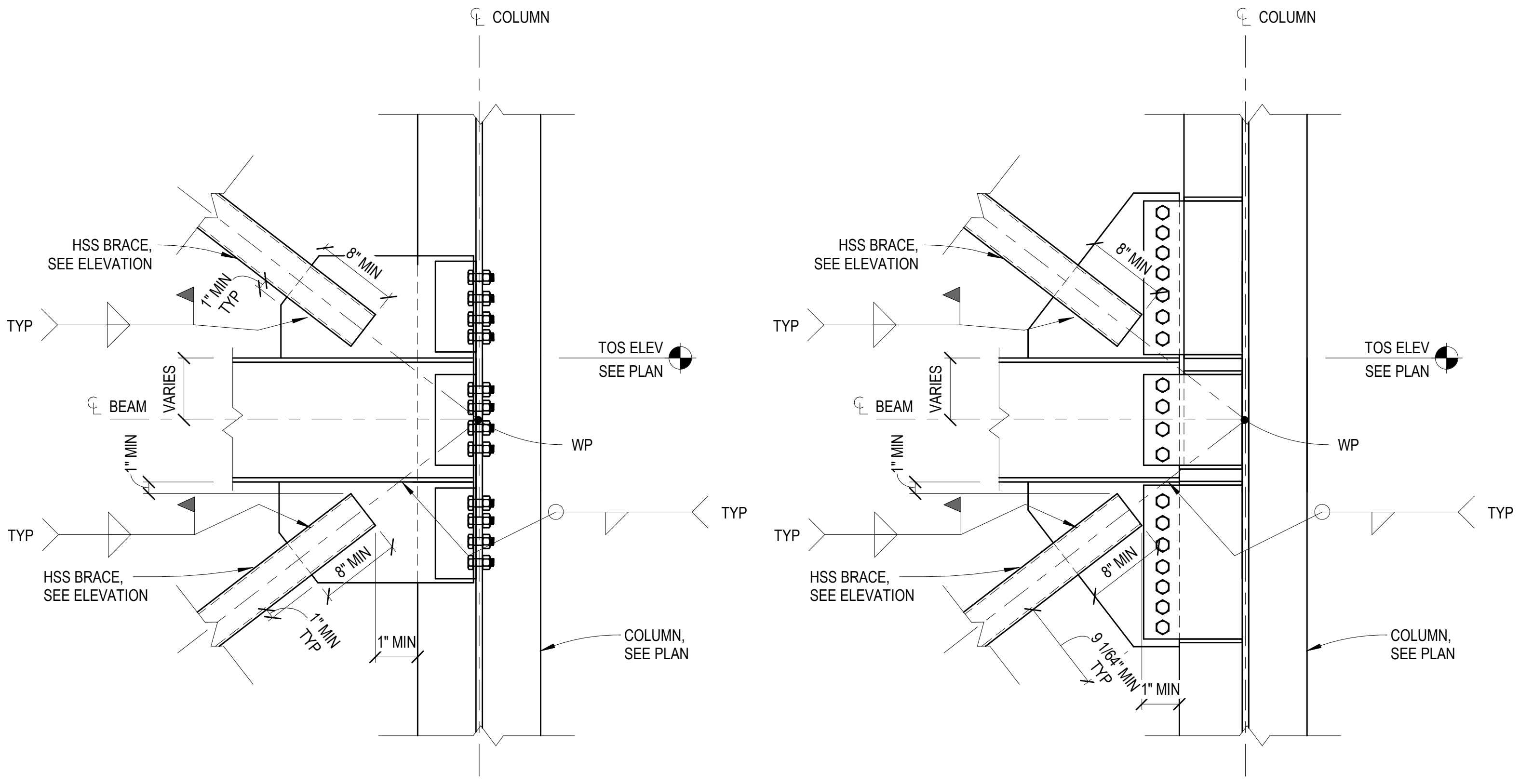
7 BRACE UPPER DETAIL
1" = 1'-0"



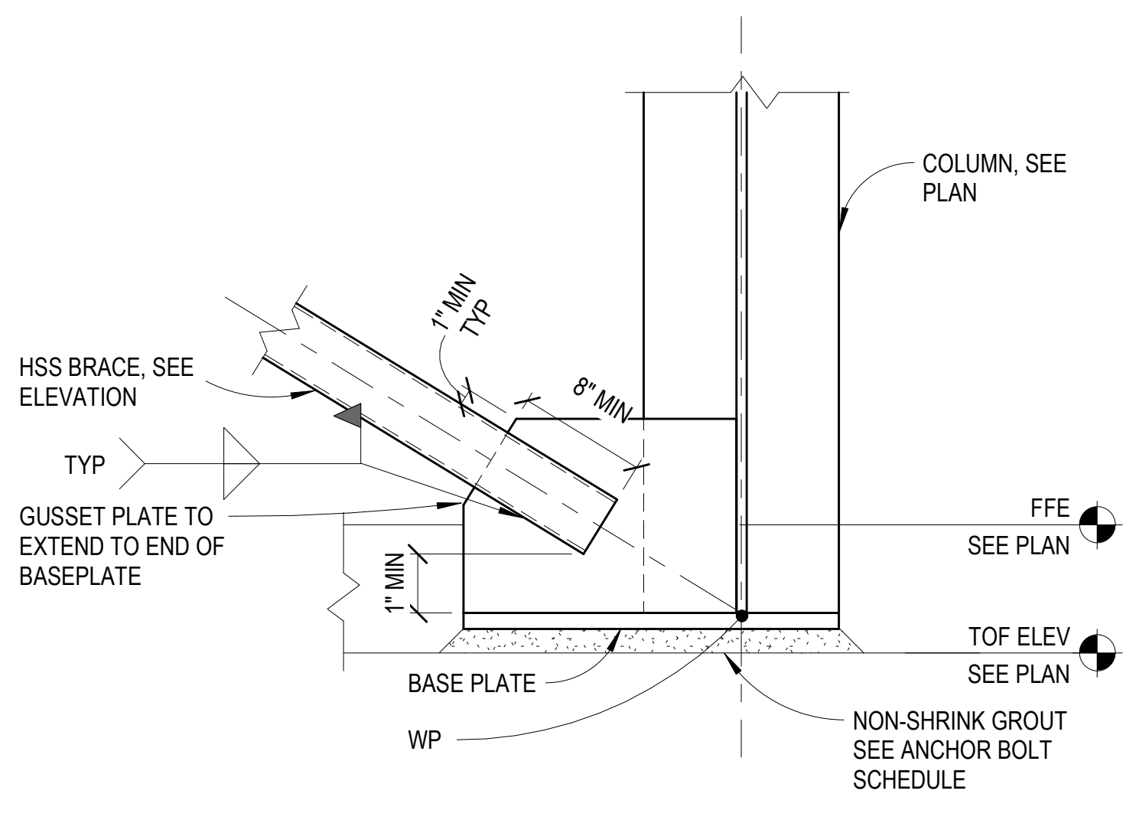
6 BRACE UPPER DETAIL
1" = 1'-0"



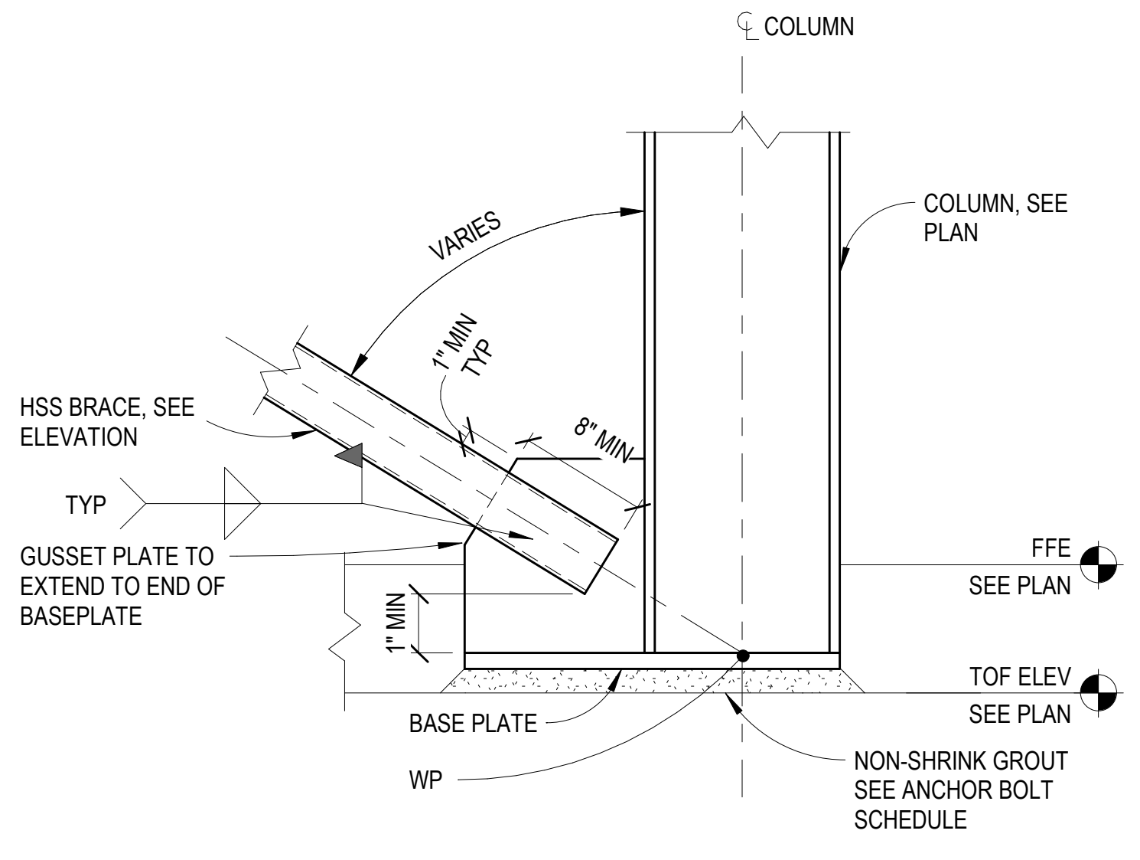
5 BRACE UPPER DETAIL CONN TO WEB
1" = 1'-0"



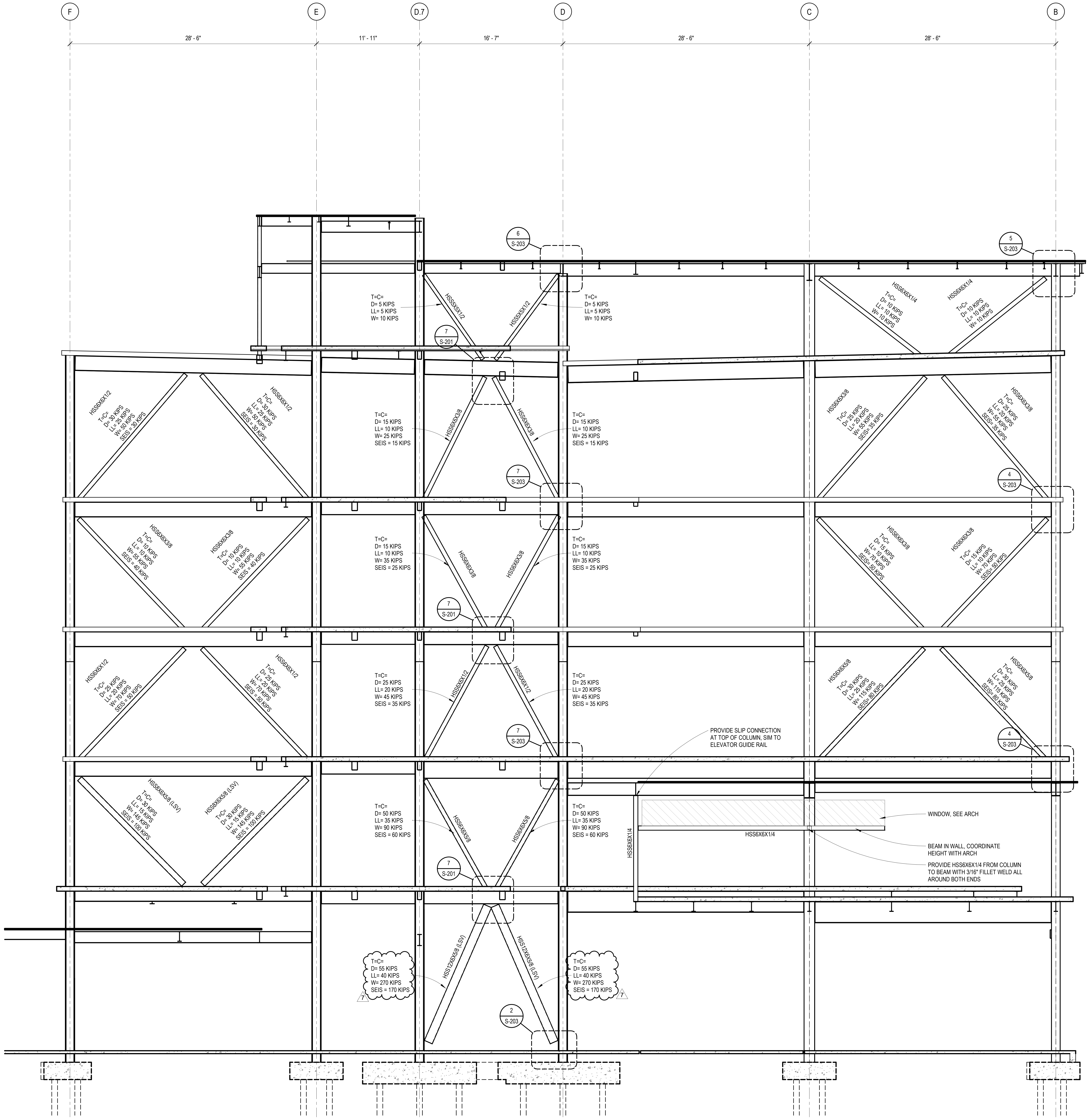
4 BRACE INTERMEDIATE FLOOR DETAIL CONN TO WEB
1" = 1'-0"



3 BRACE BASE
1" = 1'-0"



2 BRACE BASE
1" = 1'-0"


F
E
D.7
D
C
B
28' - 6"
11' - 11"
16' - 7"
28' - 6"
28' - 6"
6 S-203
5 S-203
T=C= D= 5 KIPS LL= 5 KIPS W= 10 KIPS
HSS5X5X1/2
HSS5X5X1/2
T=C= D= 5 KIPS LL= 5 KIPS W= 10 KIPS
HSS6X6X1/4 T=C= D= 10 KIPS LL= 10 KIPS W= 10 KIPS
HSS6X6X1/4 T=C= D= 10 KIPS LL= 10 KIPS W= 10 KIPS
7 S-201
HSS6X6X1/2 T=C= D= 30 KIPS LL= 25 KIPS W= 50 KIPS SEIS = 30 KIPS
HSS6X6X1/2 T=C= D= 30 KIPS LL= 25 KIPS W= 50 KIPS SEIS = 30 KIPS
T=C= D= 15 KIPS LL= 10 KIPS W= 25 KIPS SEIS = 15 KIPS
HSS6X6X3/8
HSS6X6X3/8
T=C= D= 15 KIPS LL= 10 KIPS W= 25 KIPS SEIS = 15 KIPS
HSS6X6X3/8 T=C= D= 25 KIPS LL= 20 KIPS W= 55 KIPS SEIS= 35 KIPS
HSS6X6X3/8 T=C= D= 25 KIPS LL= 20 KIPS W= 55 KIPS SEIS= 35 KIPS
7 S-203
4 S-203
HSS6X6X3/8 T=C= D= 10 KIPS LL= 10 KIPS W= 55 KIPS SEIS = 40 KIPS
HSS6X6X3/8 T=C= D= 10 KIPS LL= 10 KIPS W= 55 KIPS SEIS = 40 KIPS
T=C= D= 15 KIPS LL= 10 KIPS W= 35 KIPS SEIS = 25 KIPS
HSS6X6X3/8
HSS6X6X3/8
T=C= D= 15 KIPS LL= 10 KIPS W= 35 KIPS SEIS = 25 KIPS
HSS6X6X3/8 T=C= D= 15 KIPS LL= 10 KIPS W= 70 KIPS SEIS= 50 KIPS
HSS6X6X3/8 T=C= D= 15 KIPS LL= 10 KIPS W= 70 KIPS SEIS= 50 KIPS
7 S-201
HSS6X6X1/2 T=C= D= 25 KIPS LL= 20 KIPS W= 70 KIPS SEIS = 50 KIPS
HSS6X6X1/2 T=C= D= 25 KIPS LL= 20 KIPS W= 70 KIPS SEIS = 50 KIPS
T=C= D= 25 KIPS LL= 20 KIPS W= 45 KIPS SEIS = 35 KIPS
HSS6X6X1/2
HSS6X6X1/2
T=C= D= 25 KIPS LL= 20 KIPS W= 45 KIPS SEIS = 35 KIPS
HSS6X6X5/8 T=C= D= 30 KIPS LL= 25 KIPS W= 115 KIPS SEIS= 80 KIPS
HSS6X6X5/8 T=C= D= 30 KIPS LL= 25 KIPS W= 115 KIPS SEIS= 80 KIPS
7 S-203
4 S-203
PROVIDE SLIP CONNECTION AT TOP OF COLUMN, SIM TO ELEVATOR GUIDE RAIL
HSS8X6X5/8 (LSV) T=C= D= 30 KIPS LL= 15 KIPS W= 145 KIPS SEIS = 100 KIPS
HSS8X6X5/8 (LSV) T=C= D= 30 KIPS LL= 15 KIPS W= 145 KIPS SEIS = 100 KIPS
T=C= D= 50 KIPS LL= 35 KIPS W= 90 KIPS SEIS = 60 KIPS
HSS6X6X5/8
HSS6X6X5/8
T=C= D= 50 KIPS LL= 35 KIPS W= 90 KIPS SEIS = 60 KIPS
HSS6X6X1/4
HSS6X6X1/4
WINDOW, SEE ARCH
BEAM IN WALL, COORDINATE HEIGHT WITH ARCH
PROVIDE HSS6X6X1/4 FROM COLUMN TO BEAM WITH 3/16" FILLET WELD ALL AROUND BOTH ENDS
7 S-201
T=C= D= 55 KIPS LL= 40 KIPS W= 270 KIPS SEIS = 170 KIPS
7
HSS12X6X5/8 (LSV)
HSS12X6X5/8 (LSV)
T=C= D= 55 KIPS LL= 40 KIPS W= 270 KIPS SEIS = 170 KIPS
7
2 S-203

1 FRAMING ELEVATION GRID 9
3/16" = 1'-0"

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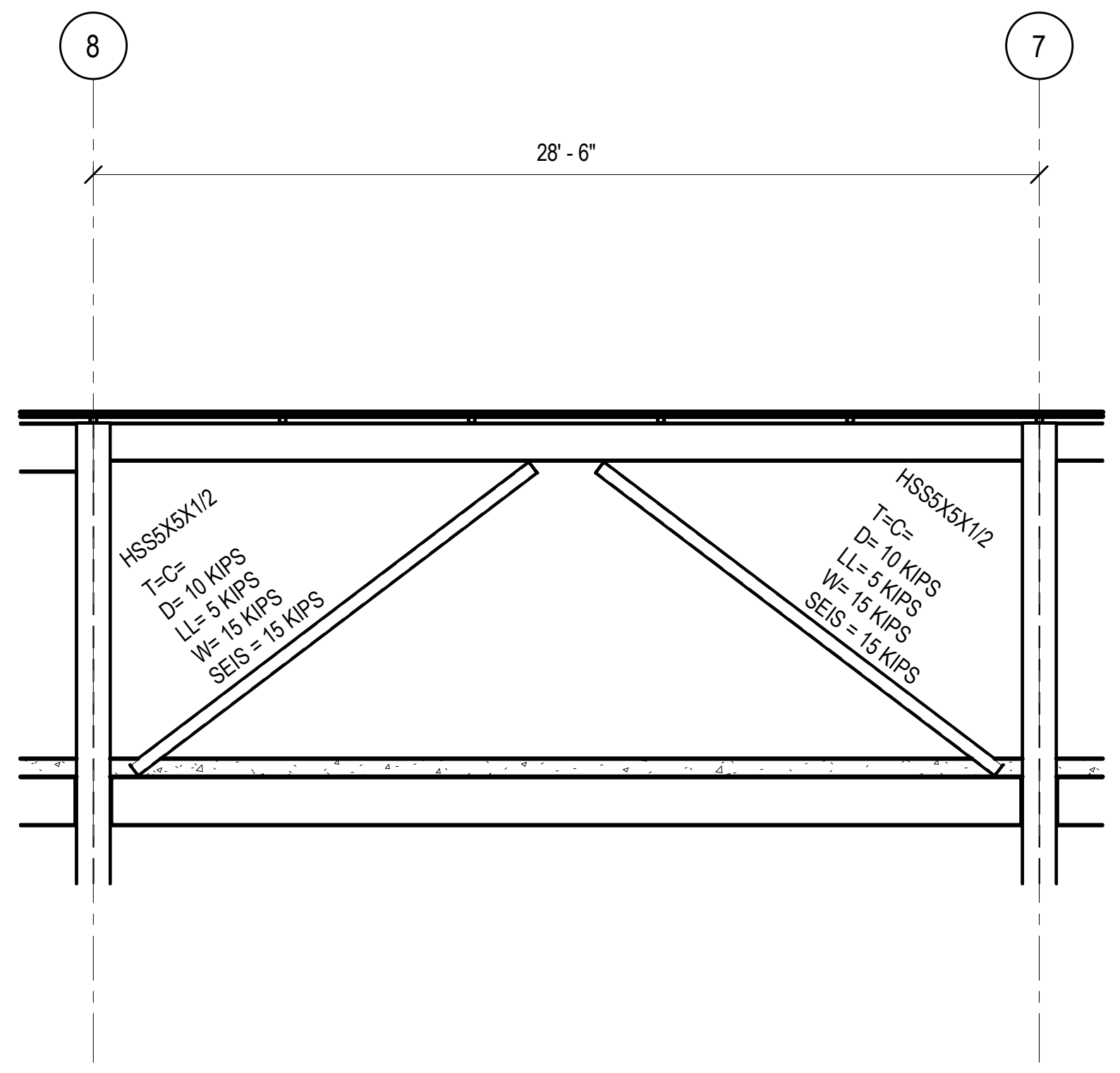
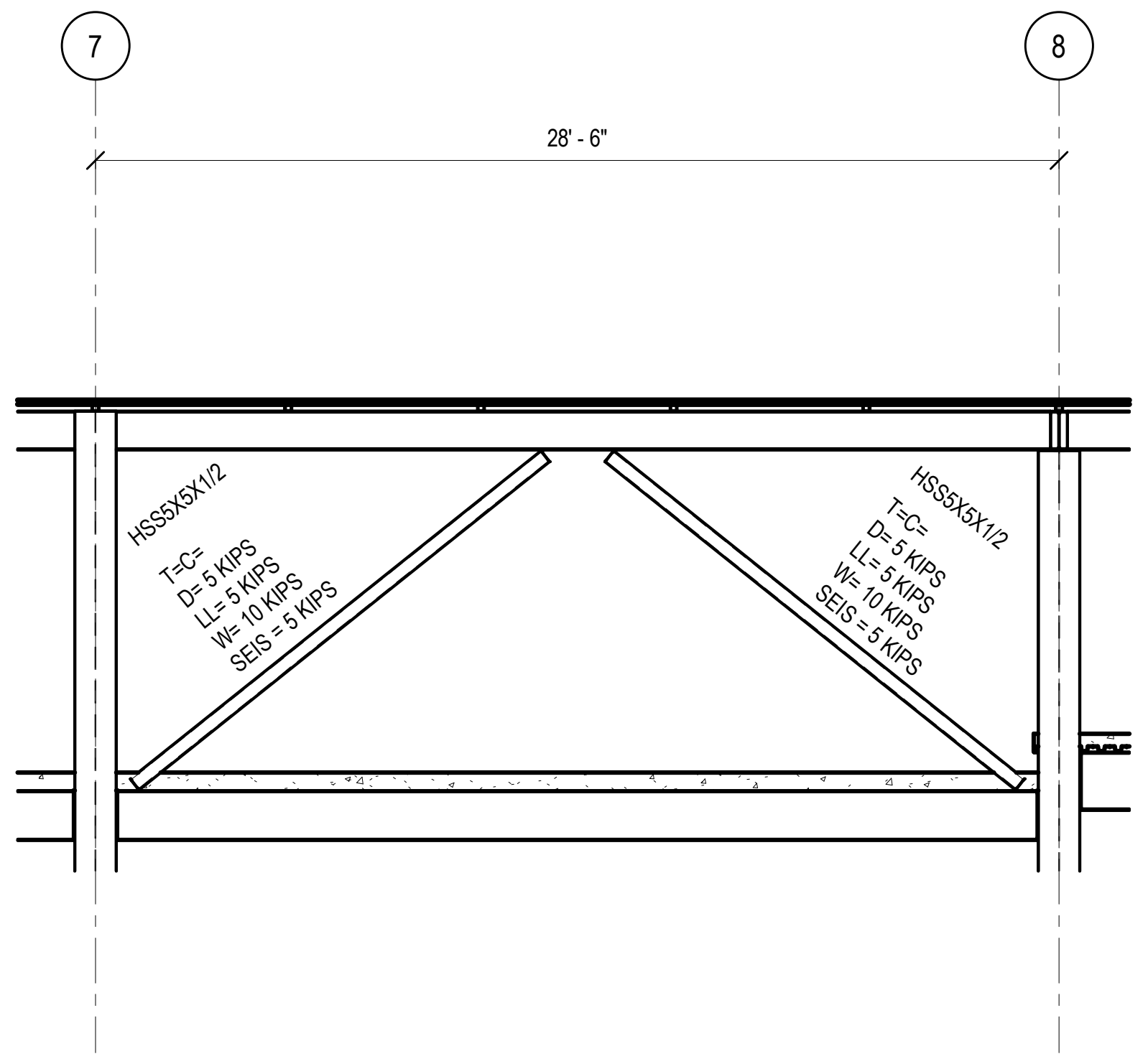
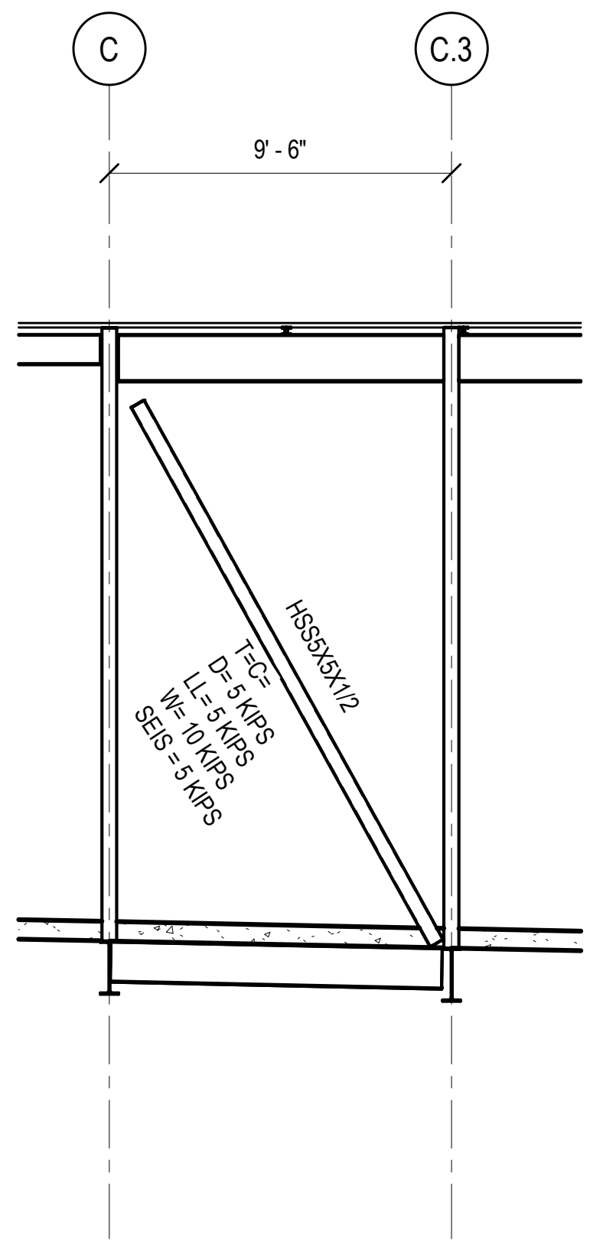


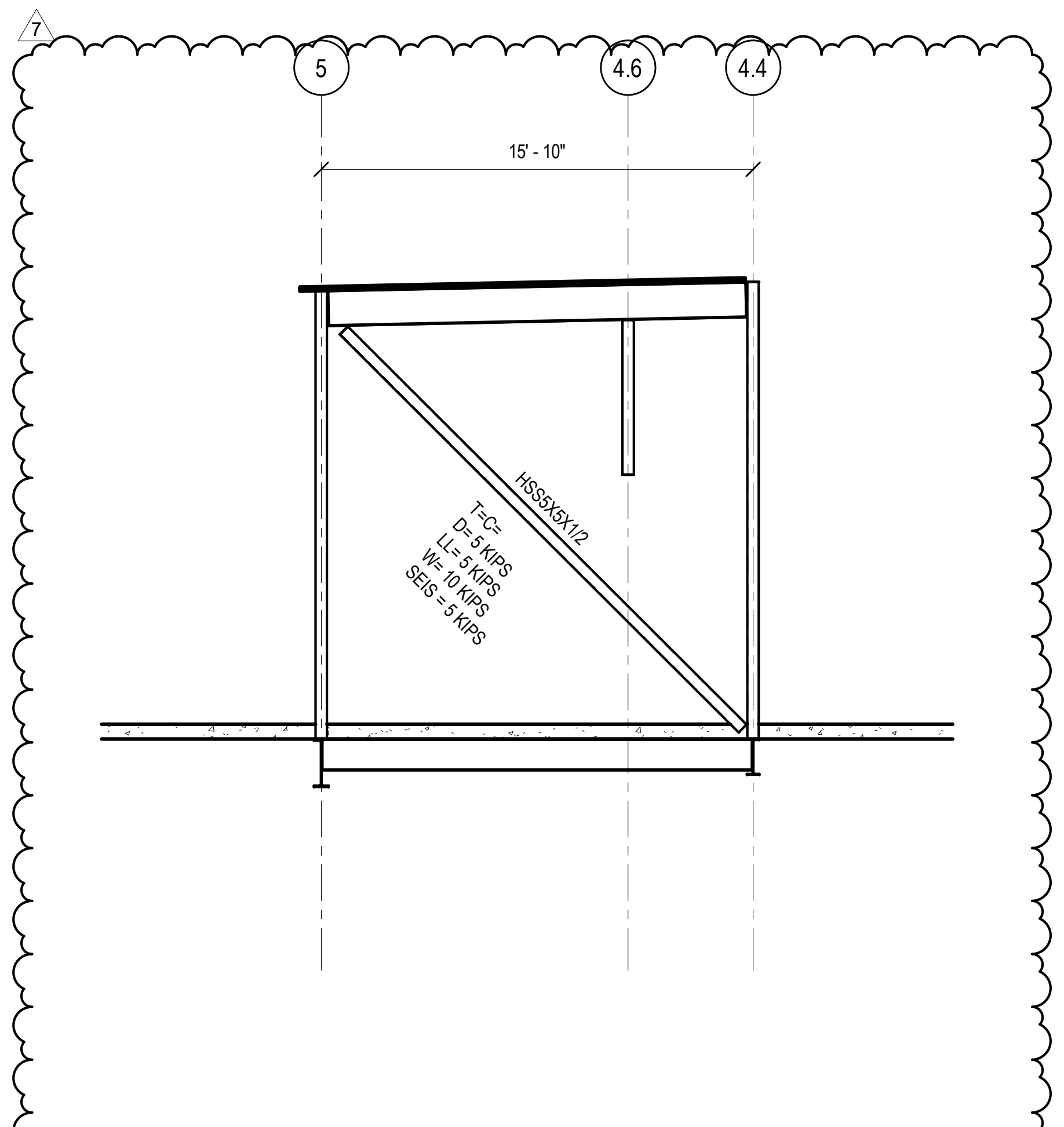
10 FRAMING ELEVATION B
3/16" = 1'-0"



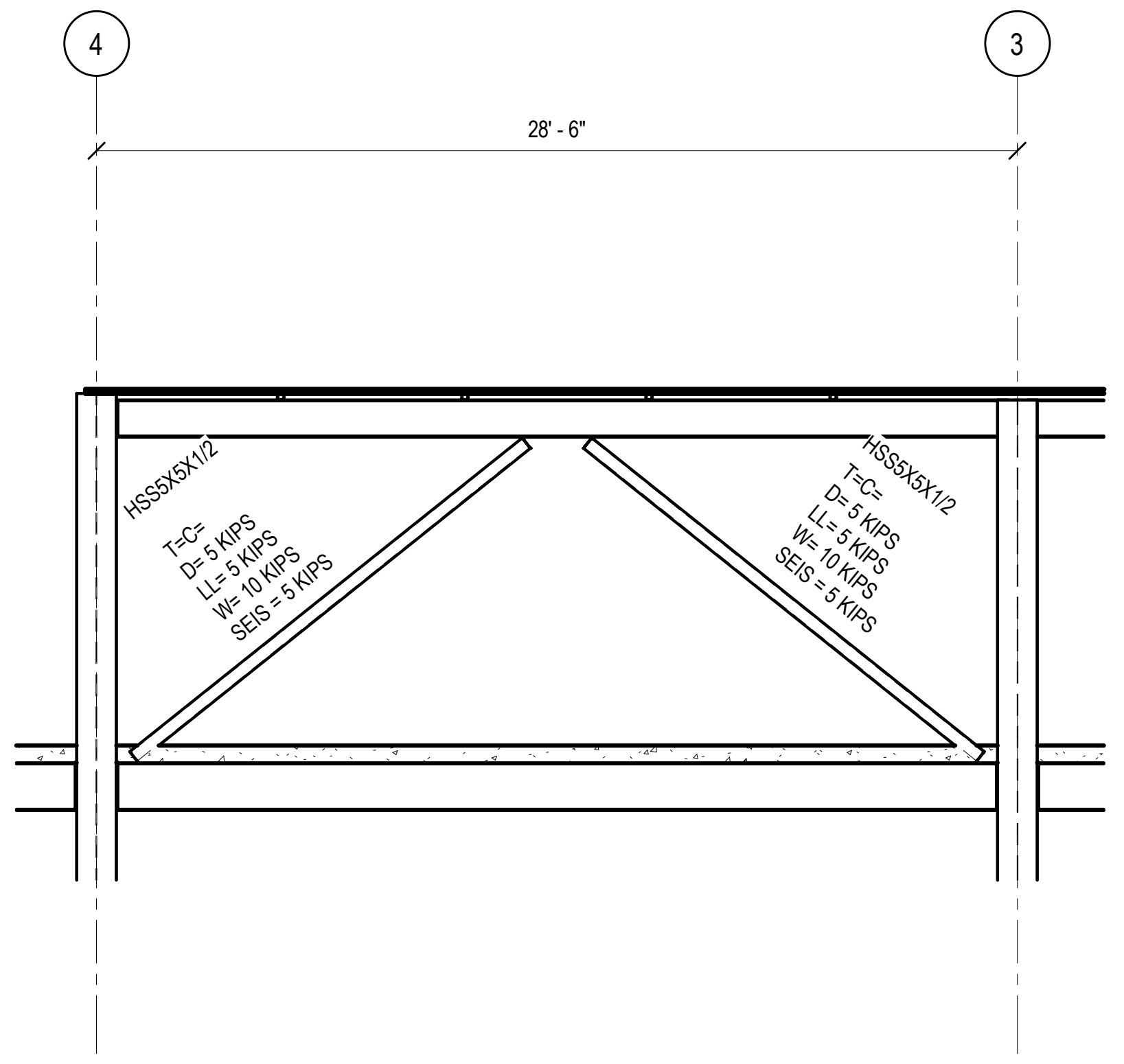
9 FRAMING ELEVATION E
3/16" = 1'-0"



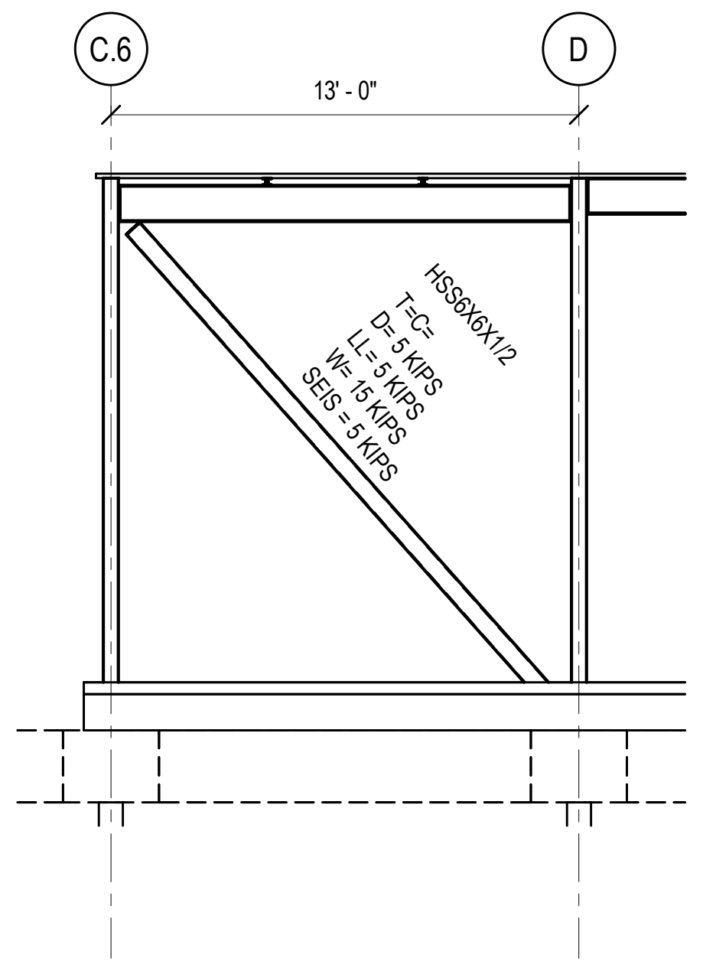
8 FRAMING ELEVATION 4.4
3/16" = 1'-0"



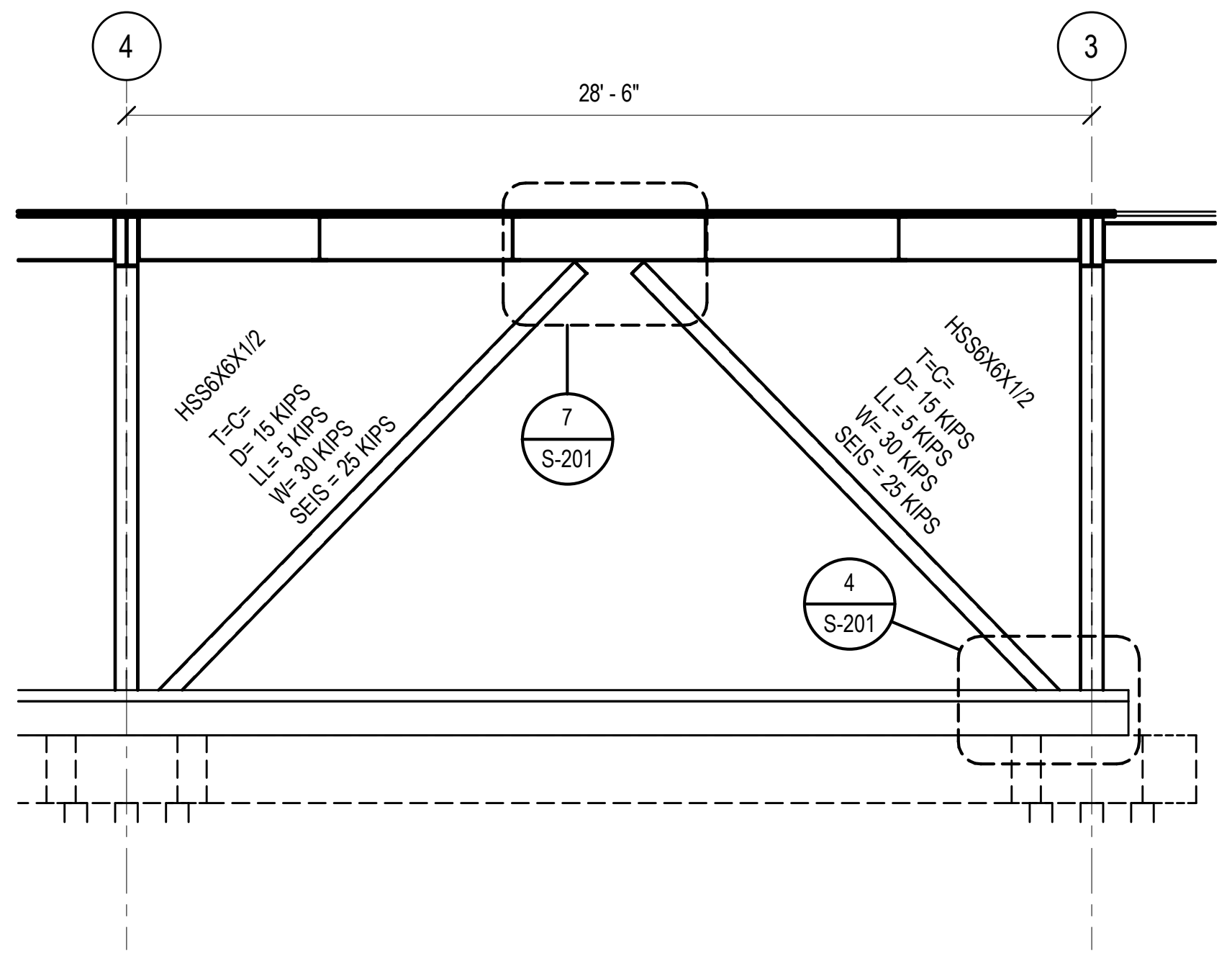
7 FRAMING ELEVATION B.5
3/16" = 1'-0"



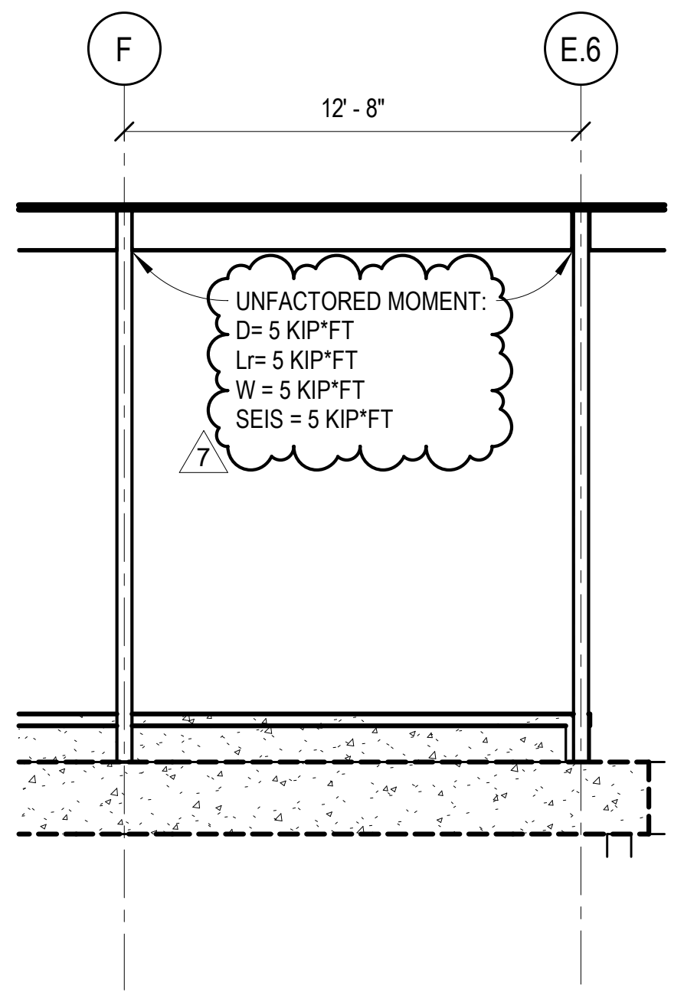
6 FRAMING ELEVATION E
3/16" = 1'-0"



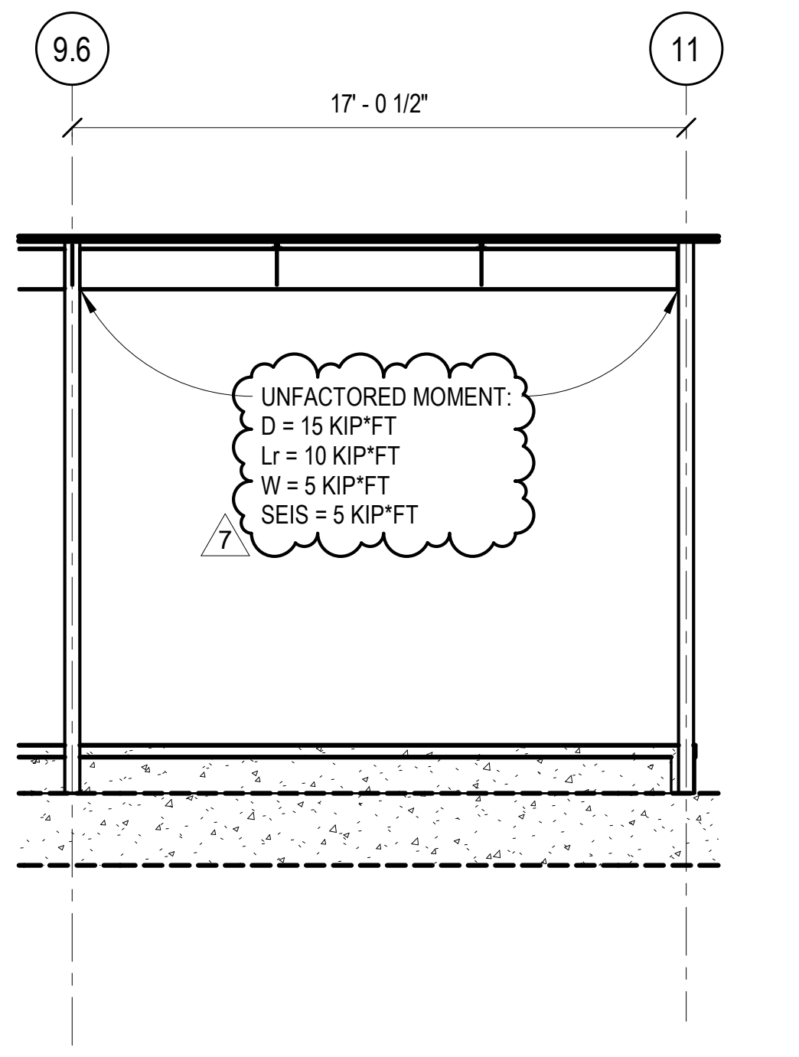
5 FRAMING ELEVATION GRID 1
3/16" = 1'-0"



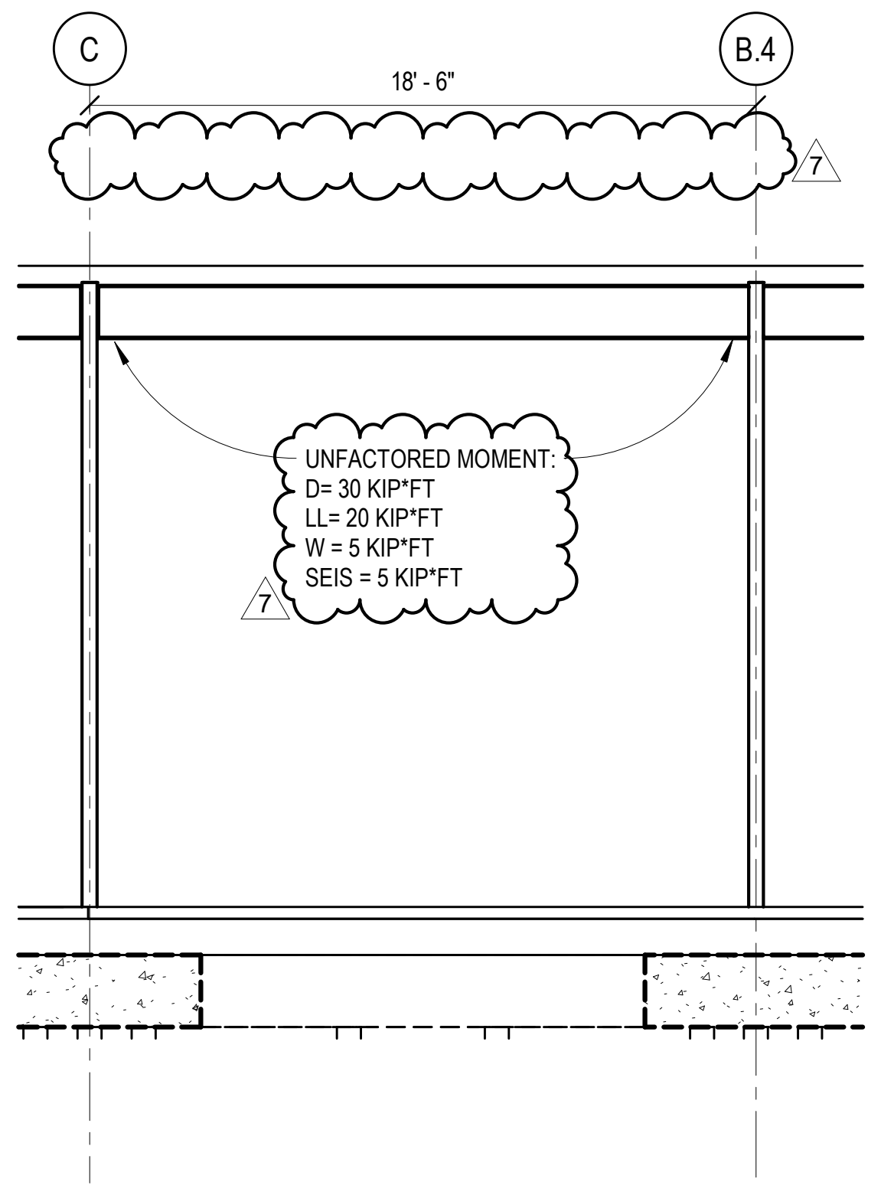
4 FRAMING ELEVATION GRID A.5
3/16" = 1'-0"



3 FRAMING ELEVATION GRID 10.1
3/16" = 1'-0"



2 FRAMING ELEVATION GRID F.8
3/16" = 1'-0"



1 FRAMING ELEVATION GRID 9.7
3/16" = 1'-0"

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360 Project No : 23481

HIGHLANDS
ONCOLOGY

HIGHLANDS BUILDING AT PINNACLE HILLS
SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key Plan

No.	Description	Date
5	PLAN REVIEW COMMENTS	07/22/2026
7	P.R. #03	08/28/2026

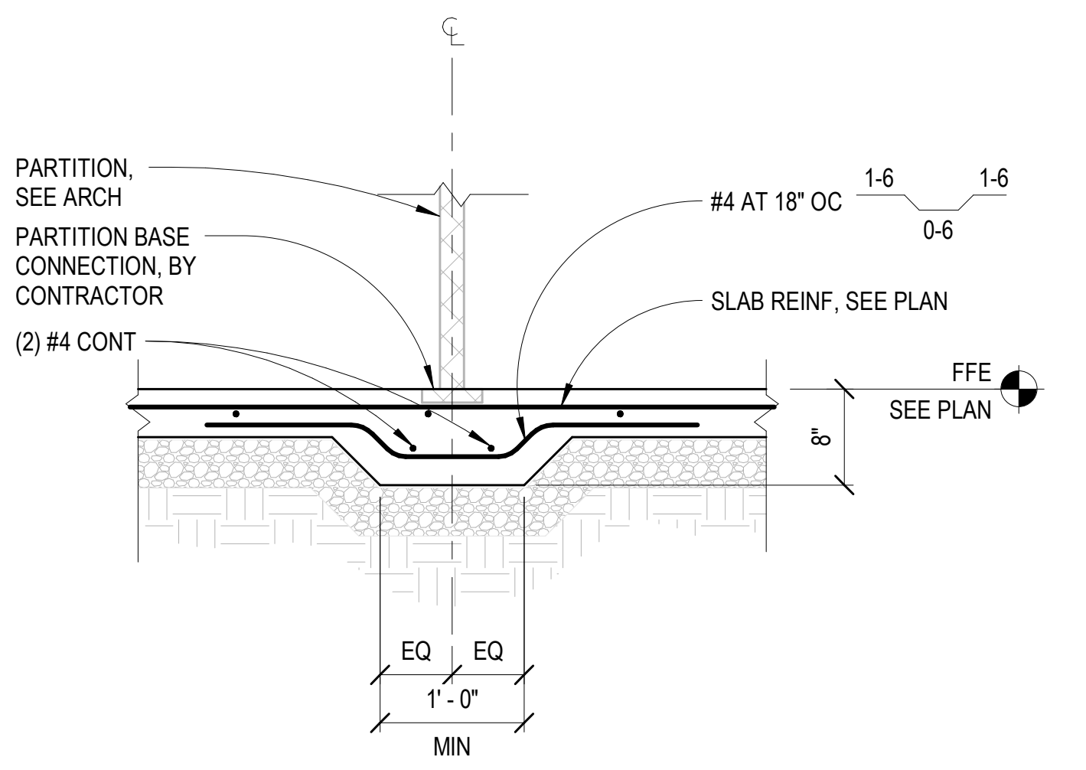
PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
QC DATE:

CONSTRUCTION DOCUMENTS

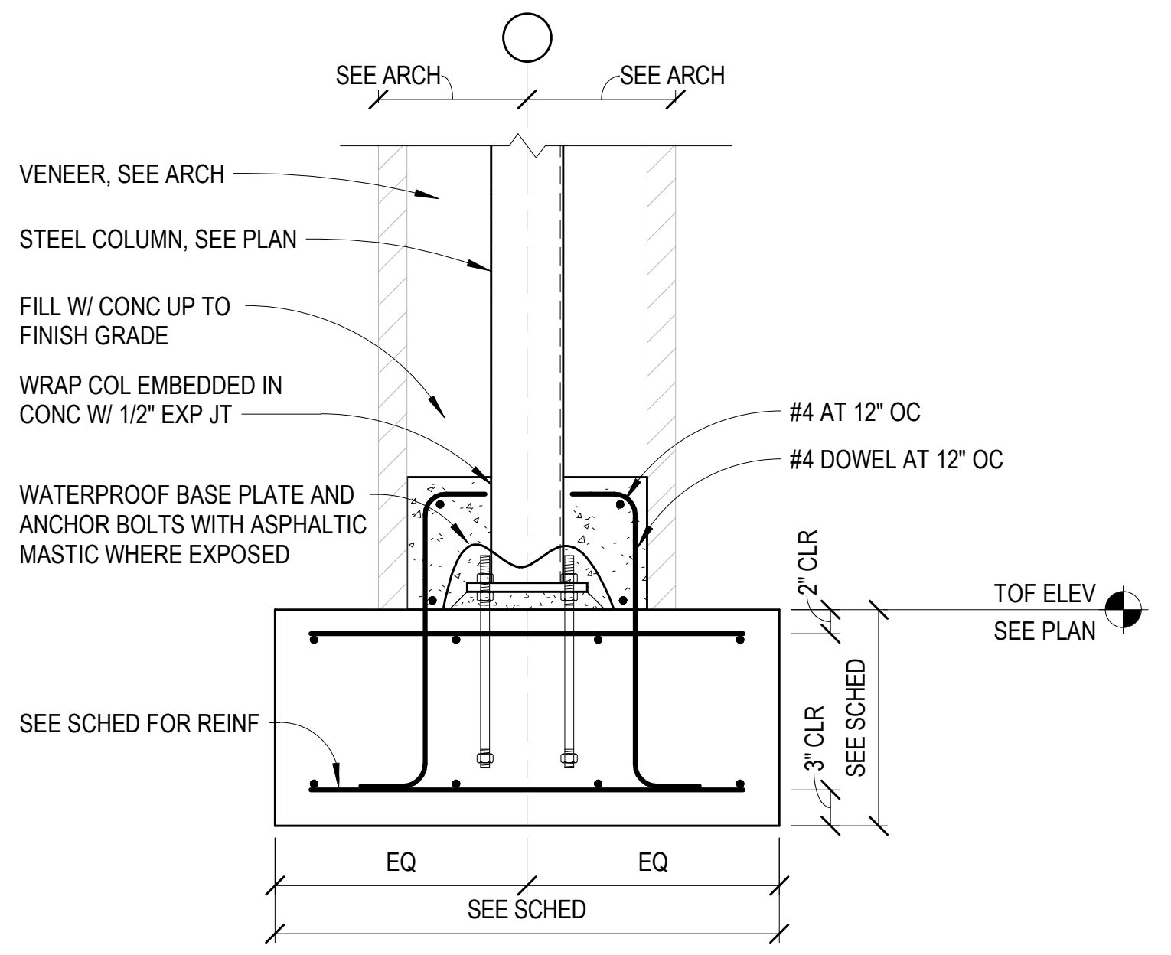
ELIAS R. JOHANNSSON
No.13684
08/31/2026

FRAMING ELEVATIONS

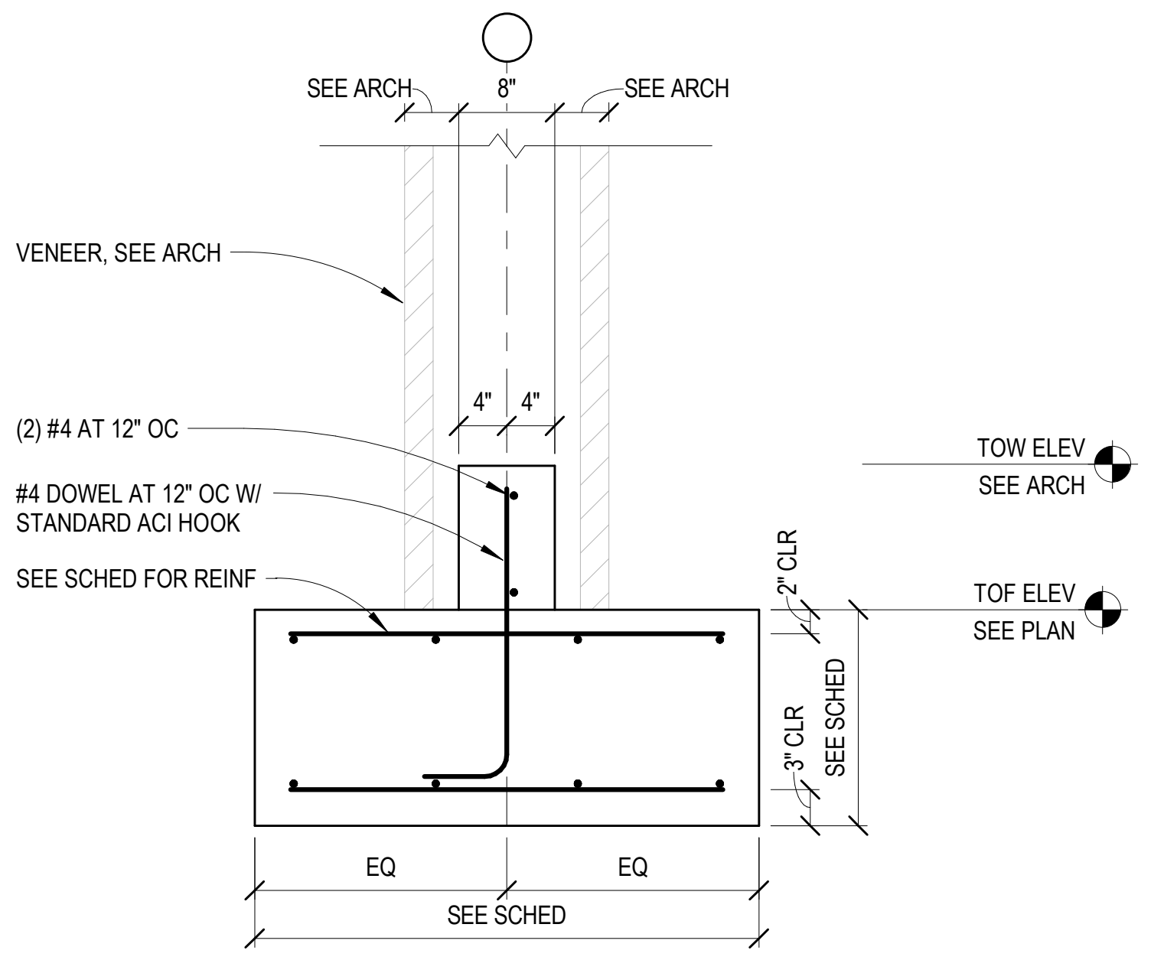
S-204



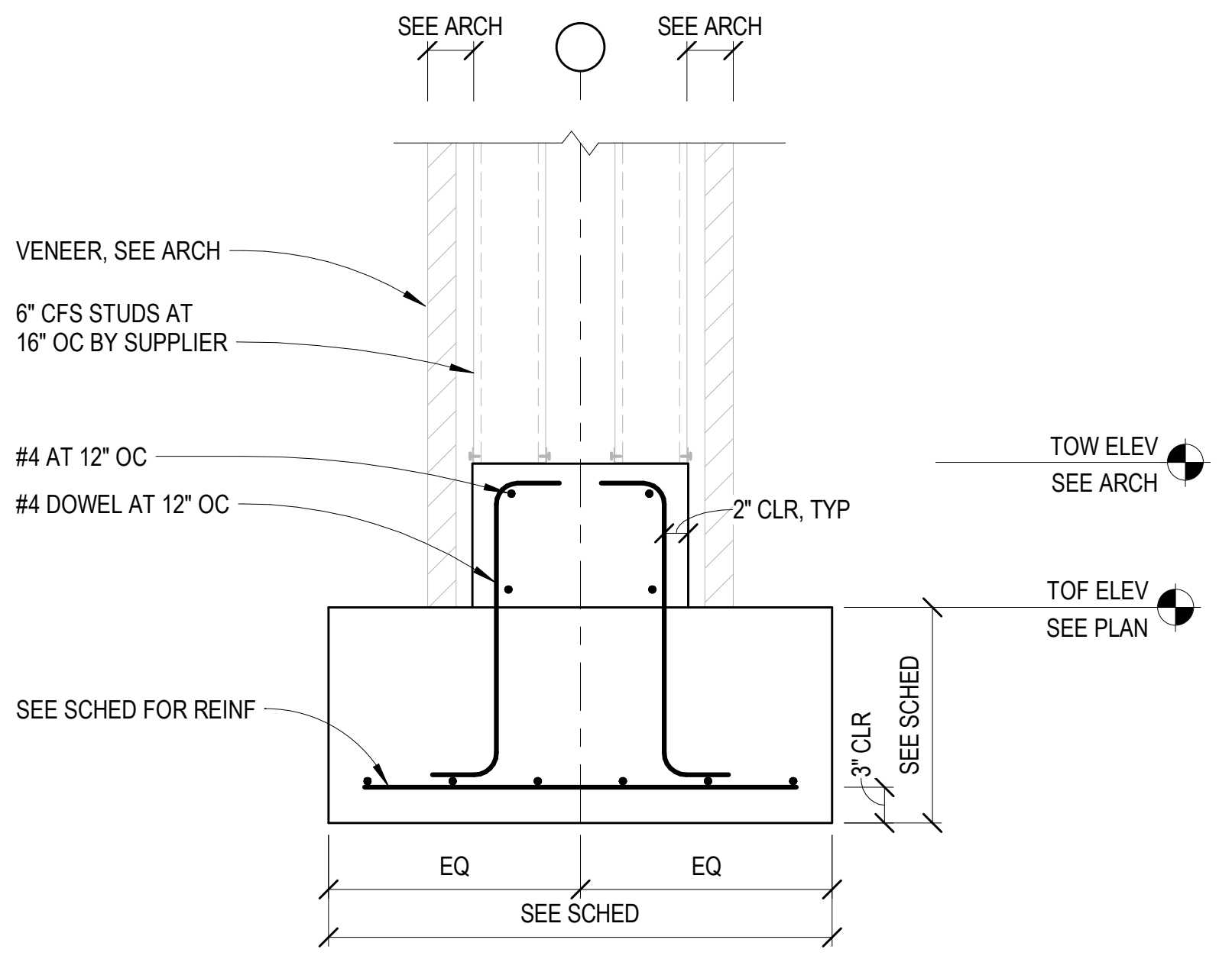
7 THICKENED SLAB
3/4" = 1'-0"



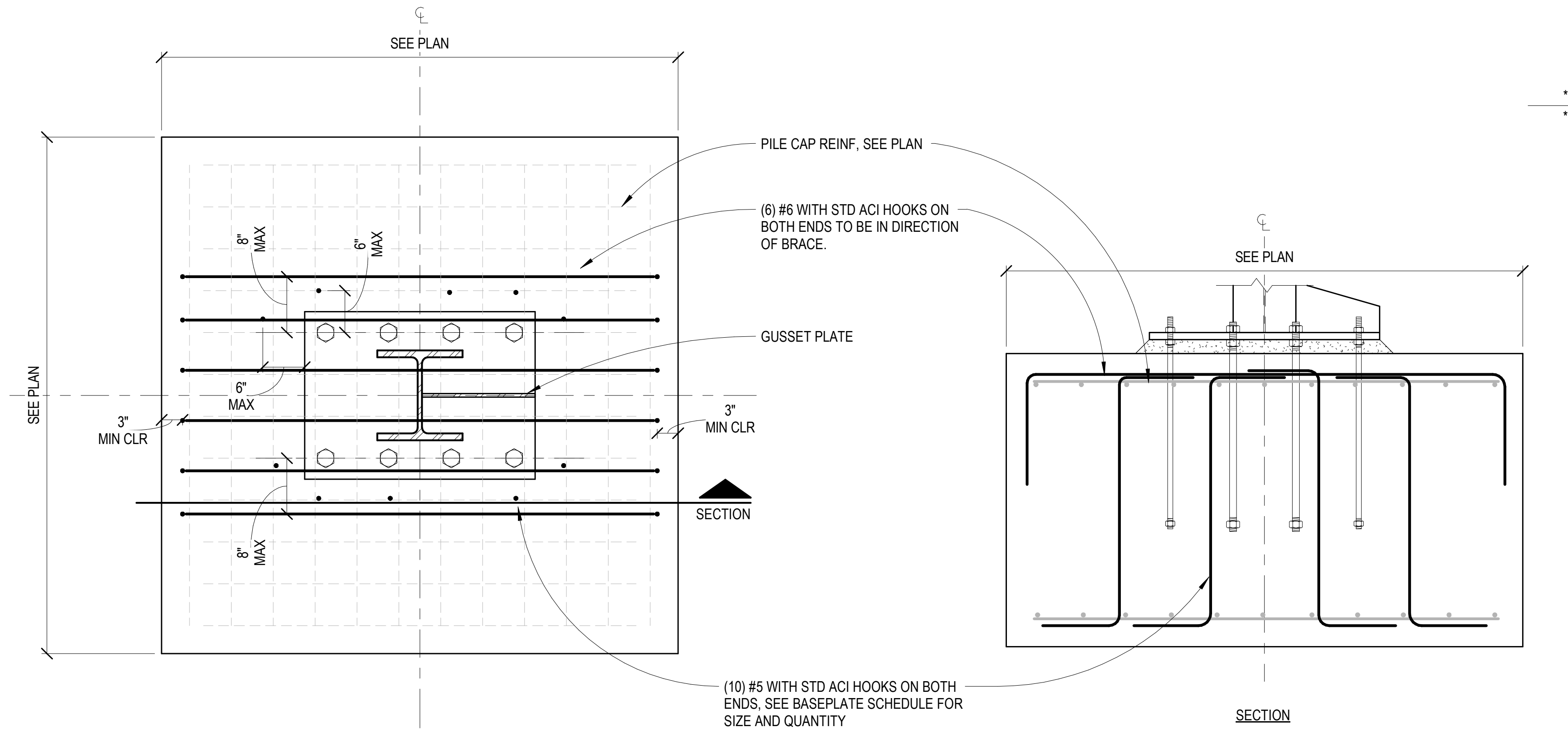
6 FOUNDATION DETAIL
3/4" = 1'-0"



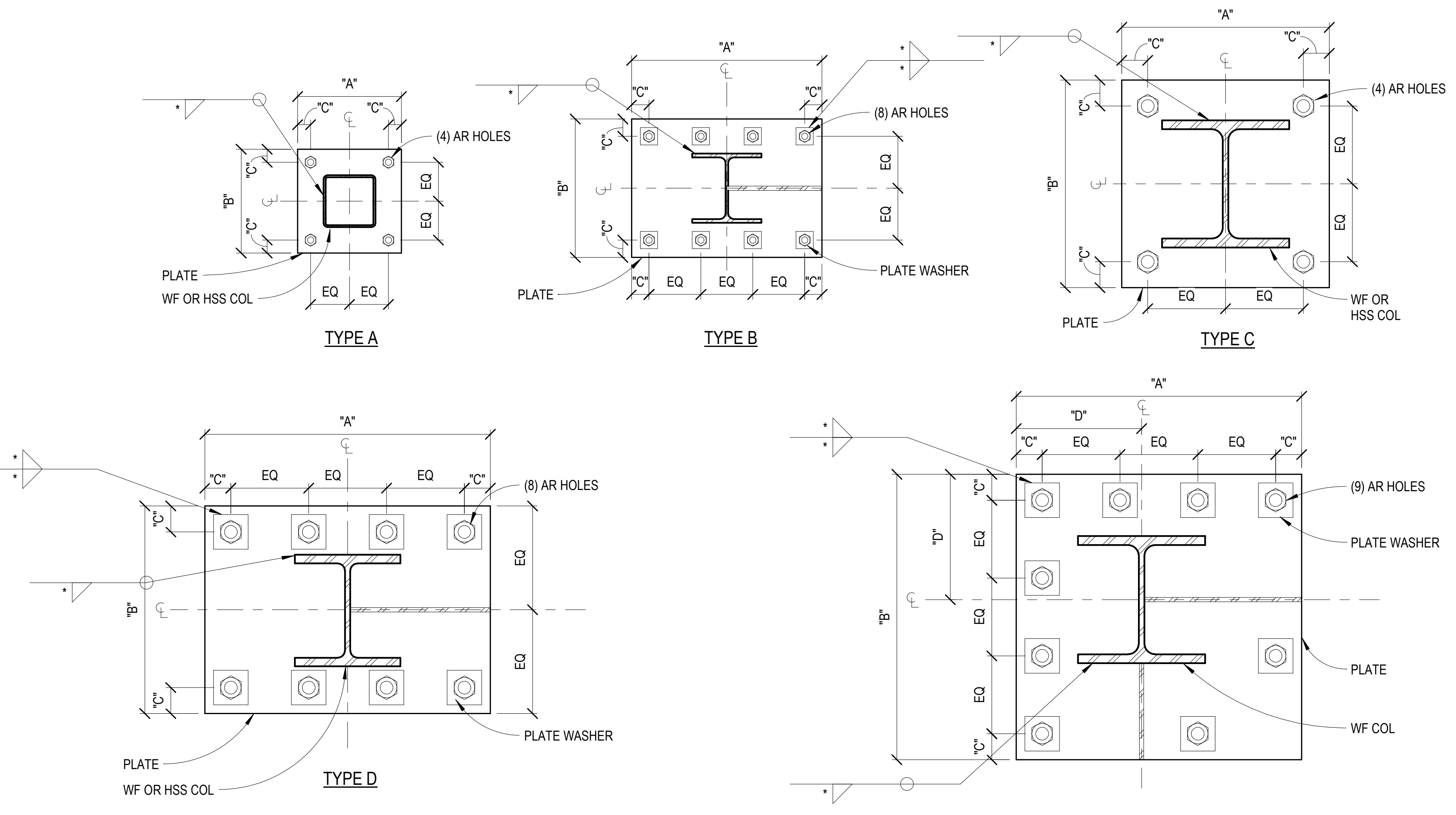
5 FOUNDATION DETAIL
3/4" = 1'-0"



4 FOUNDATION DETAIL
3/4" = 1'-0"


SEE PLAN
SEE PLAN
PILE CAP REINF, SEE PLAN
(6) #6 WITH STD ACI HOOKS ON BOTH ENDS TO BE IN DIRECTION OF BRACE.
GUSSET PLATE
8" MAX
6" MAX
6" MAX
3" MIN CLR
3" MIN CLR
8" MAX
SECTION
(10) #5 WITH STD ACI HOOKS ON BOTH ENDS, SEE BASEPLATE SCHEDULE FOR SIZE AND QUANTITY
SEE PLAN
SECTION

3 ANCHOR REINFORCEMENT DETAILING
3/4" = 1'-0"



TYPE A

TYPE B

TYPE C

TYPE D

TYPE E

BASE PLATE SCHEDULE							
MARK	TYPE	THICKNESS	DIMENSIONS				ANCHOR RODS (DIAxEMB)
			"A"	"B"	"C"	"D"	
B1	A	3/4"	1'-0"	1'-0"	1 1/2"	--	3/4" x 1'-0"
B2	B	1"	1'-10"	1'-4"	2"	--	1" x 1'-4"
B3	A	3/4"	1'-2"	1'-2"	1 1/2"	--	3/4" x 1'-0"
B4	C	2"	2'-2"	2'-2"	3"	--	1 1/2" x 1'-4"
B5	D	2"	2'-11"	2'-2"	3"	--	1 1/2" x 2'-0"
B6	E	2"	2'-9"	2'-9"	3"	1'-2 1/2"	1 1/2" x 2'-0"

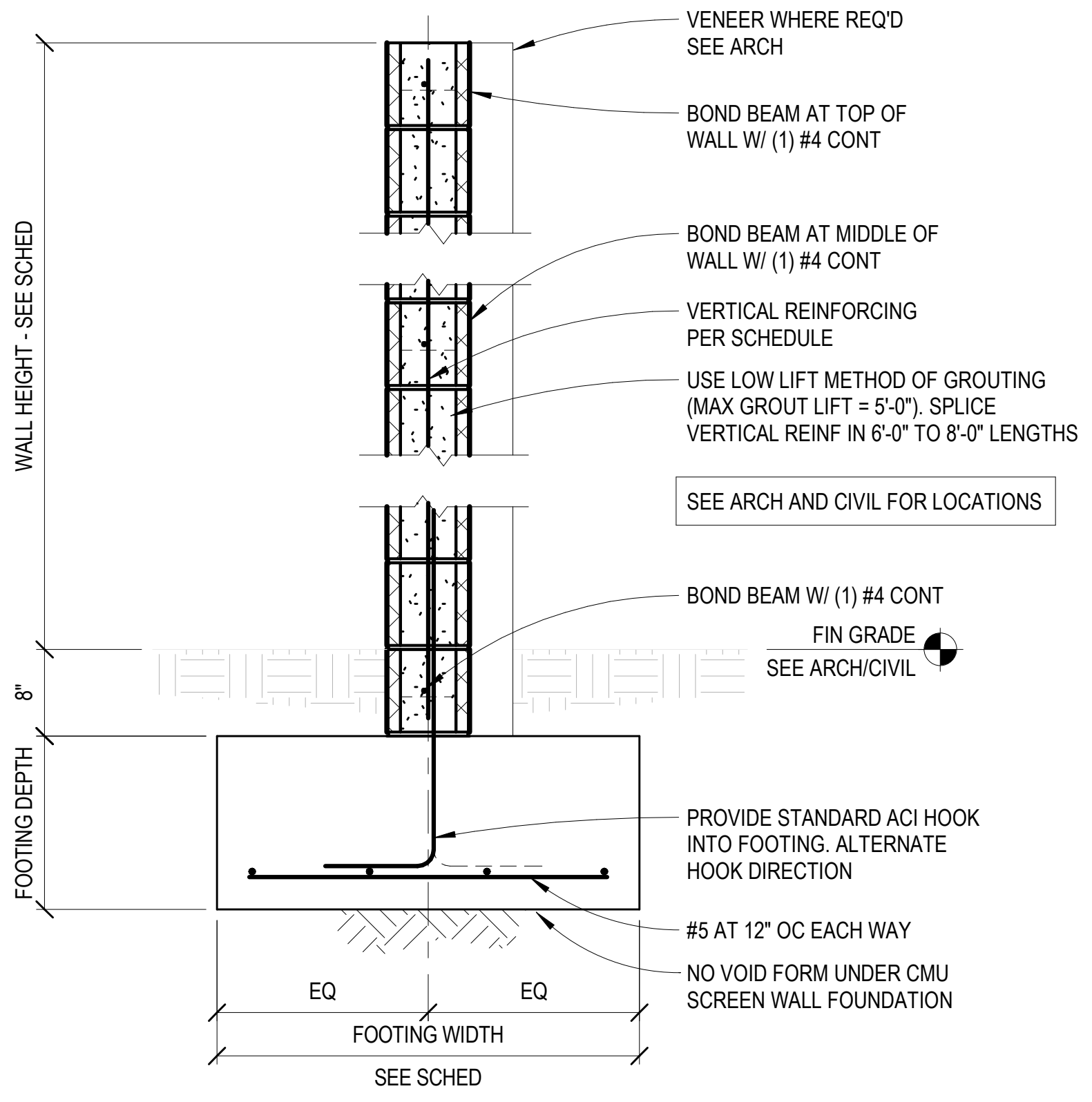
NOTES:

1. USE OVERSIZED HOLES AND WASHERS FOR ANCHORS RODS ACCORDING TO AISC MANUAL (14 ED.) TABLE 14.2 UNO.
2. SEE THIS SHEET FOR ANCHOR ROD DETAIL AND GROUT INFORMATION.
3. * - INDICATES MINIMUM FILLET WELD PER AISC.
4. PLATE TYPE "B" SHALL HAVE VERTICAL PLATE ORIENTED TO ACCEPT DIAGONAL BRACE. SEE BRACED FRAME ELEVATION SHEET(S).
5. HSS6x6 AND SMALLER USE B1.
6. AT BRACED FRAMES WITH W8X31 AND SMALLER USE B2.
7. HSS8x8AND W8X31 USE B3.
8. W14 USE B4.
9. AT BRACED FRAMES WITH W12 USE B5
10. AT W14 WITH BRACE IN BOTH DIRECTION USE B6
11. AT MARK B2, B5 AND B6 PROVIDE ANCHOR REINFORCING, SEE 3/S502.

2 COLUMN BASE PLATE SCHEDULE
NO SCALE

CMU SCREEN WALL AND FOUNDATION				
WALL HEIGHT	WALL THICKNESS	VERT REINF	FOOTING WIDTH	FOOTING DEPTH
UP TO 6'-0"	8"	#4 AT 48" OC	2'-2"	1'-4"
6'-0" TO 8'-0"	8"	#5 AT 32" OC	2'-8"	1'-4"
8'-0" TO 10'-0"	12"	#5 AT 48" OC	2'-8"	1'-4"
10'-0" TO 12'-0"	12"	#4 AT 32" OC	3'-8"	1'-4"
12'-0" TO 14'-0"	8"	#5 AT 16" OC	4'-6"	1'-6"

7


VENEER WHERE REQ'D SEE ARCH
BOND BEAM AT TOP OF WALL W/ (1) #4 CONT
BOND BEAM AT MIDDLE OF WALL W/ (1) #4 CONT
VERTICAL REINFORCING PER SCHEDULE
USE LOW LIFT METHOD OF GROUTING (MAX GROUT LIFT = 5'-0"). SPLICE VERTICAL REINF IN 6'-0" TO 8'-0" LENGTHS
SEE ARCH AND CIVIL FOR LOCATIONS
BOND BEAM W/ (1) #4 CONT
FIN GRADE
SEE ARCH/CIVIL
WALL HEIGHT - SEE SCHED
8"
FOOTING DEPTH
PROVIDE STANDARD ACI HOOK INTO FOOTING. ALTERNATE HOOK DIRECTION
#5 AT 12" OC EACH WAY
NO VOID FORM UNDER CMU SCREEN WALL FOUNDATION
EQ
EQ
FOOTING WIDTH
SEE SCHED

1 TYP SCREEN WALL
3/4" = 1'-0"

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ONCOLOGY

HIGHLANDS BUILDING AT
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ROGERS, AR 72756

Key Plan

No.	Description	Date
1	ADDENDUM 01	12/18/2025
2	ADDENDUM 02	01/16/2025
3	ADDENDUM 03	02/04/2026
7	P.R. #03	08/28/2026

PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
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CONSTRUCTION
DOCUMENTS

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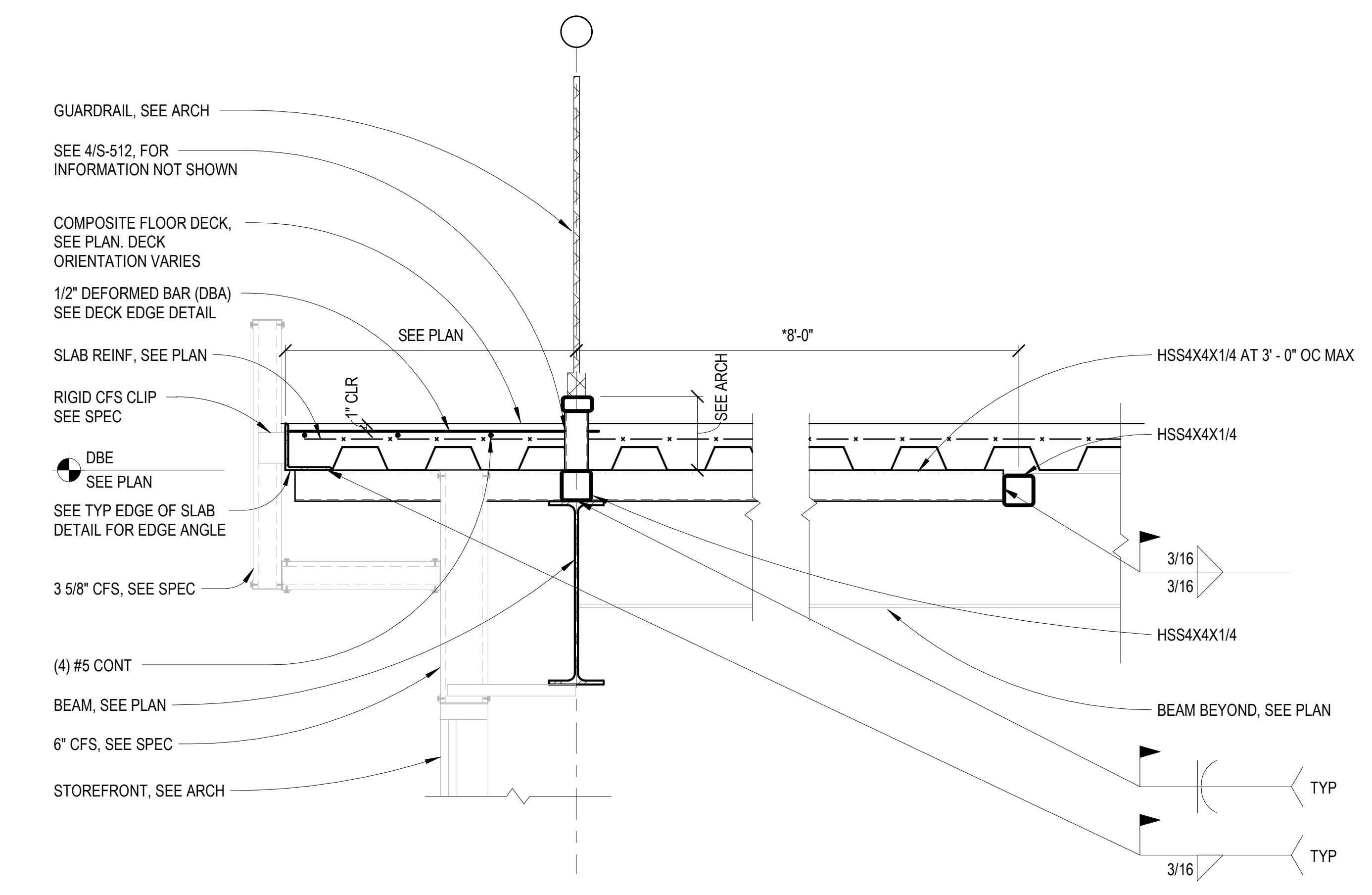
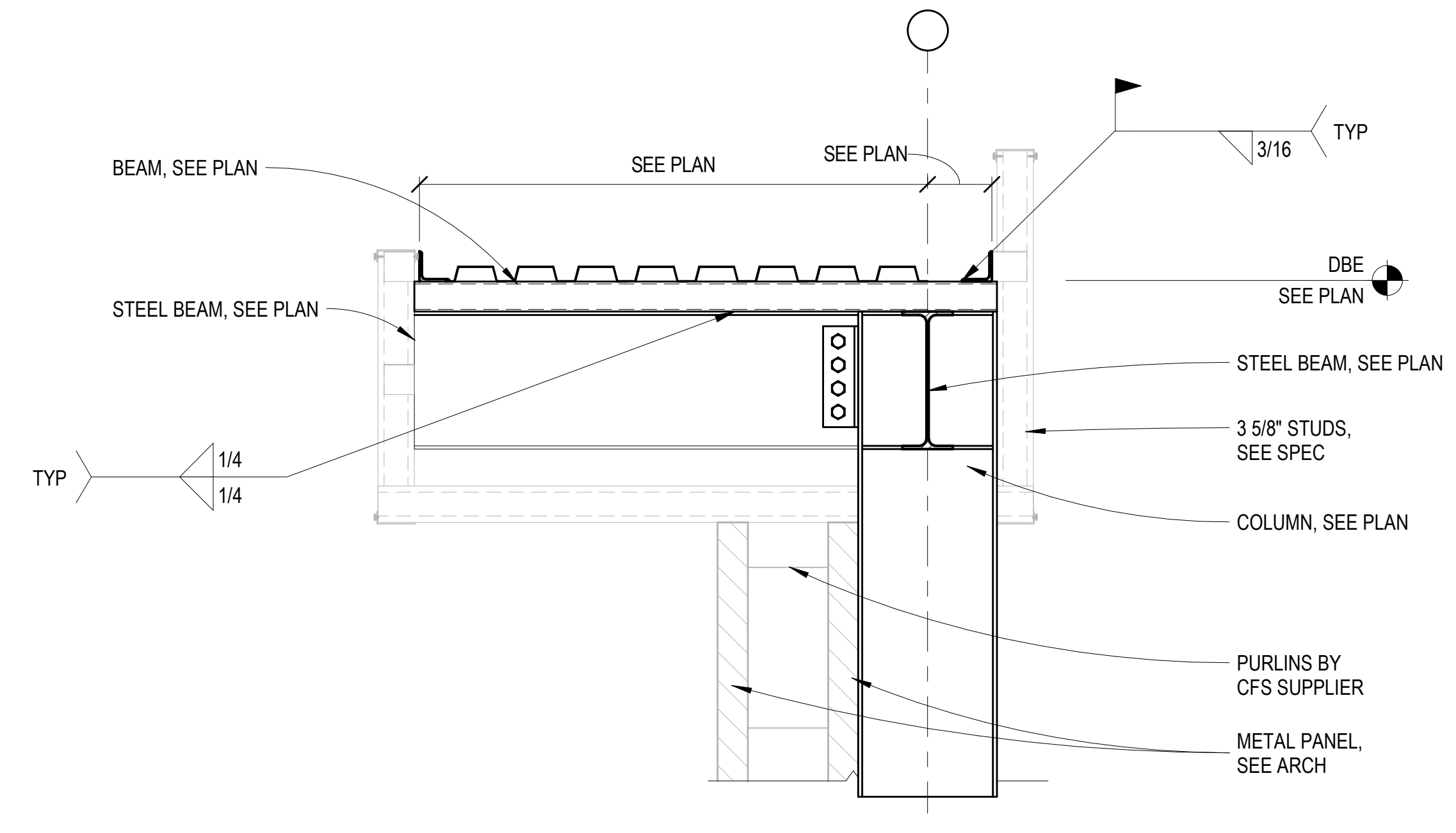
No.13684
08/31/2026

FOUNDATION DETAILS

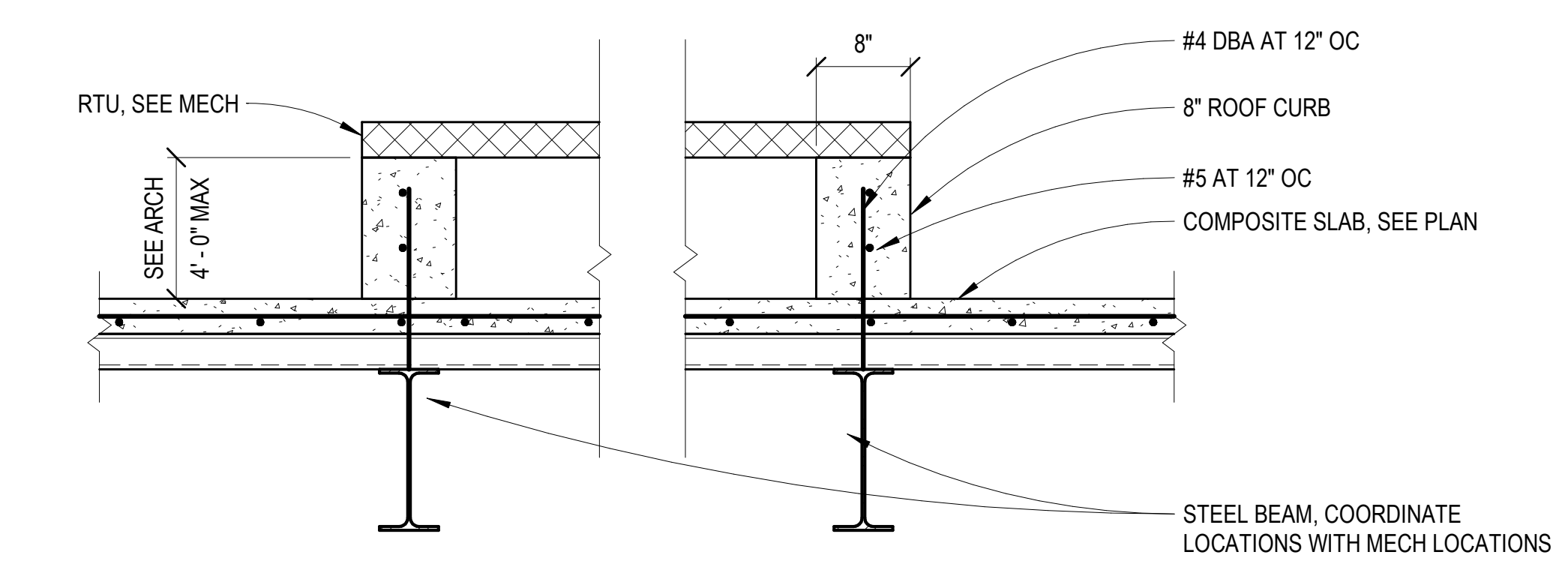
S-502



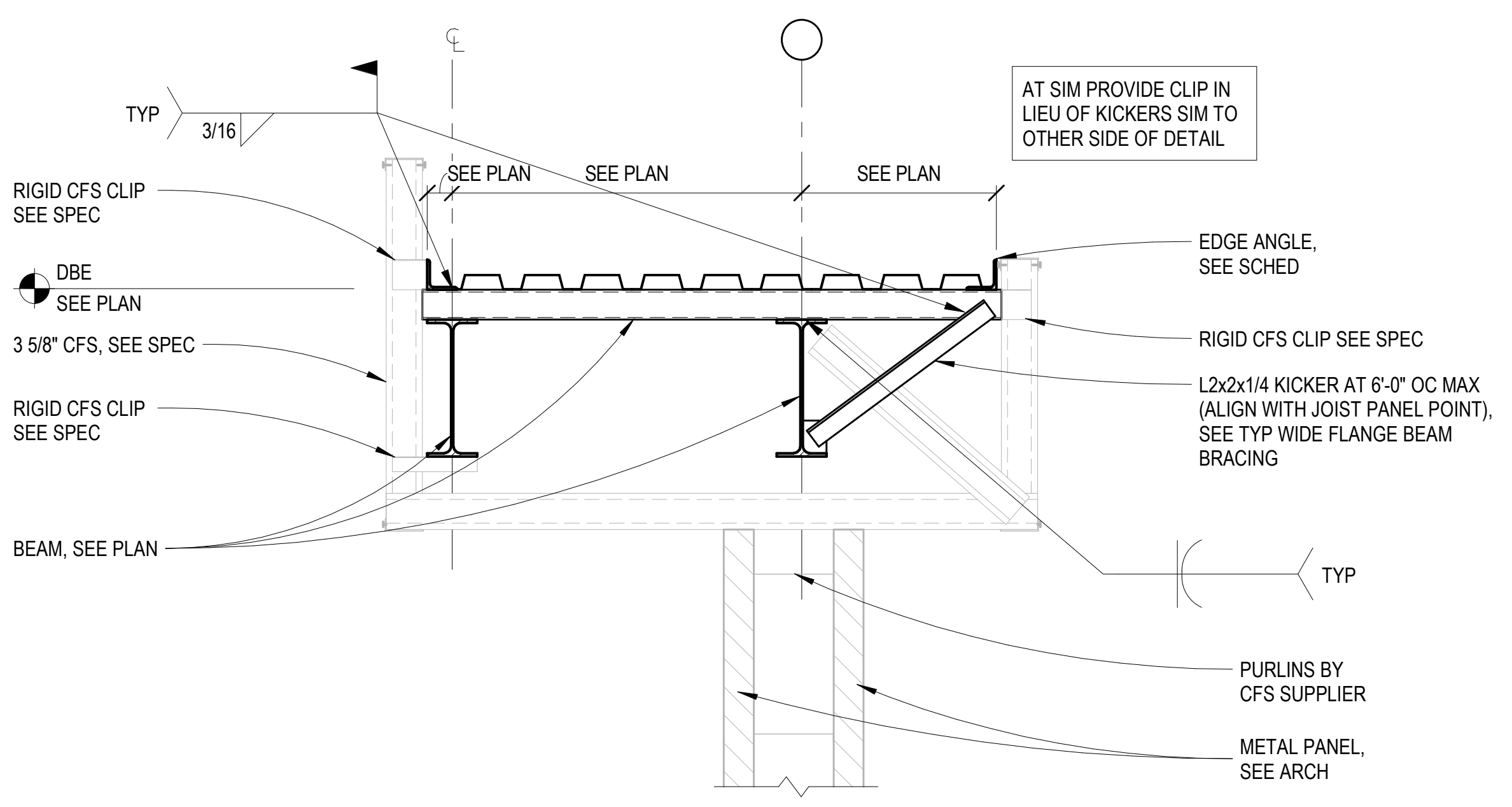
14 ROOF PARAPET FRAMING DETAIL
3/4" = 1'-0"



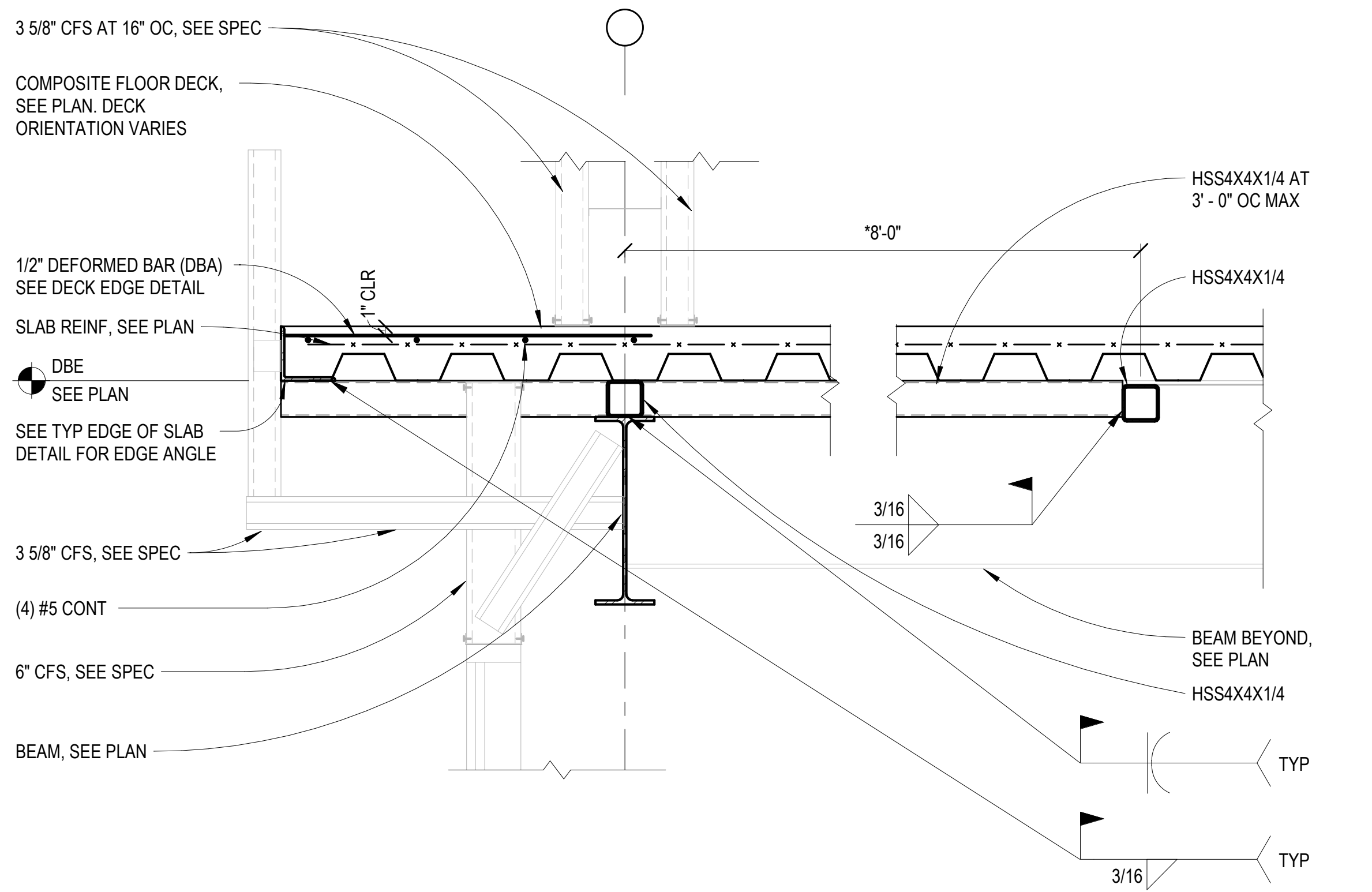
12 ROOF PARAPET FRAMING DETAIL
3/4" = 1'-0"



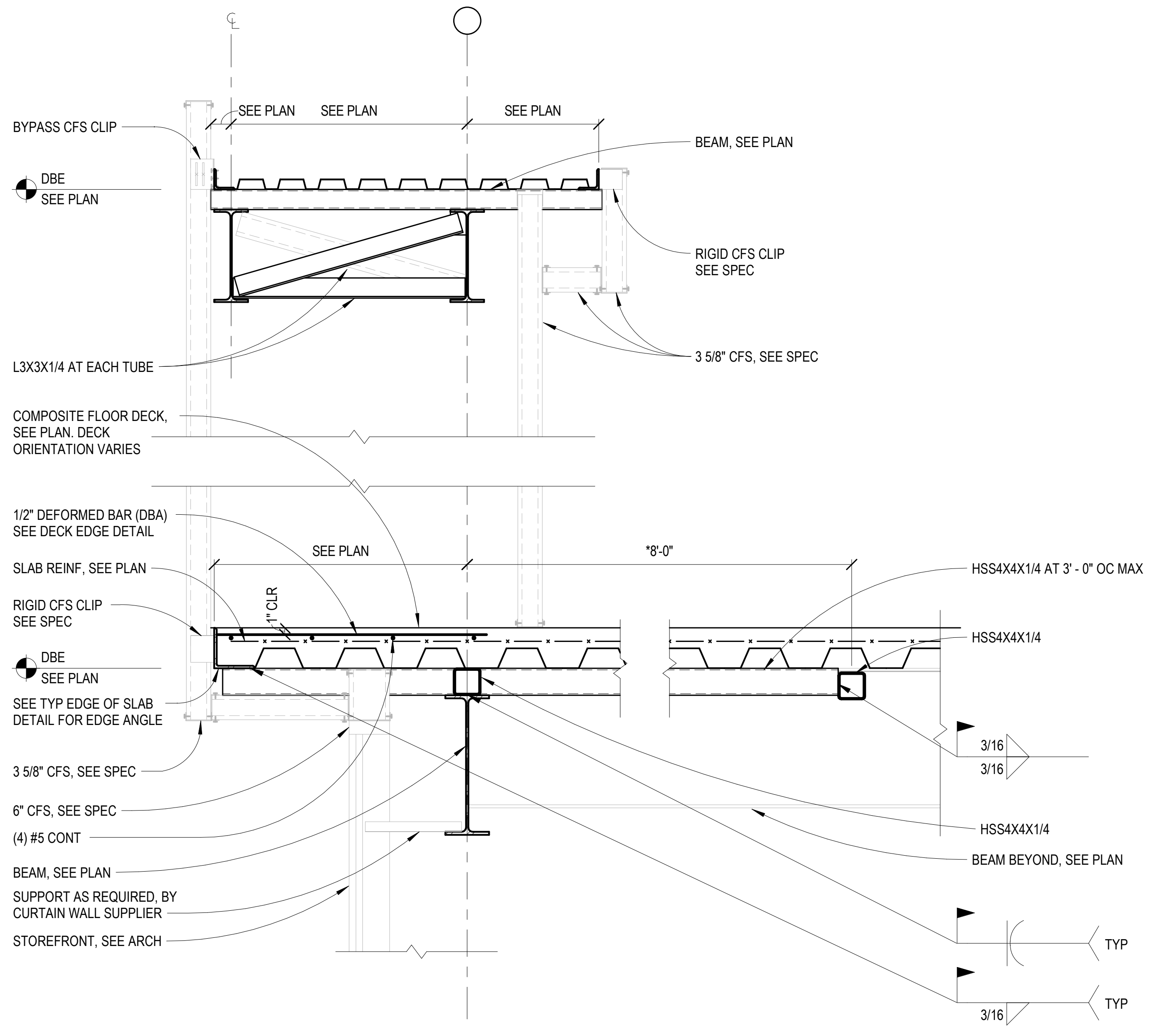
13 ROOF CURB DETAIL
3/4" = 1'-0"



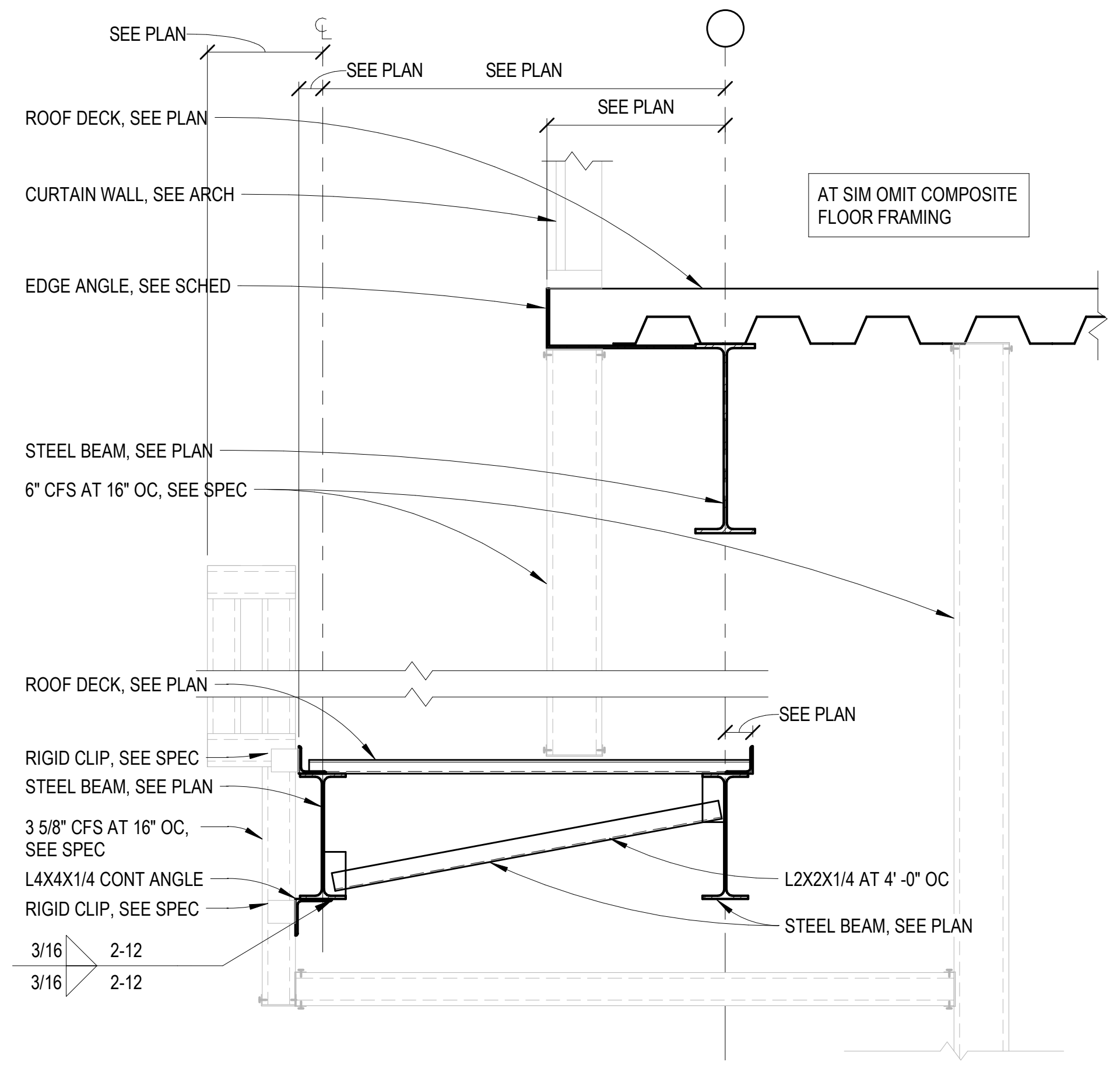
11 ROOF PARAPET FRAMING DETAIL
3/4" = 1'-0"


3 5/8" CFS AT 16" OC, SEE SPEC
COMPOSITE FLOOR DECK, SEE PLAN. DECK ORIENTATION VARIES
1/2" DEFORMED BAR (DBA) SEE DECK EDGE DETAIL
SLAB REINF, SEE PLAN
DBE SEE PLAN
SEE TYP EDGE OF SLAB DETAIL FOR EDGE ANGLE
3 5/8" CFS, SEE SPEC
(4) #5 CONT
6" CFS, SEE SPEC
BEAM, SEE PLAN
1" CLR
"8'-0"
HSS4X4X1/4 AT 3' - 0" OC MAX
HSS4X4X1/4
3/16
3/16
BEAM BEYOND, SEE PLAN
HSS4X4X1/4
TYP
TYP
3/16

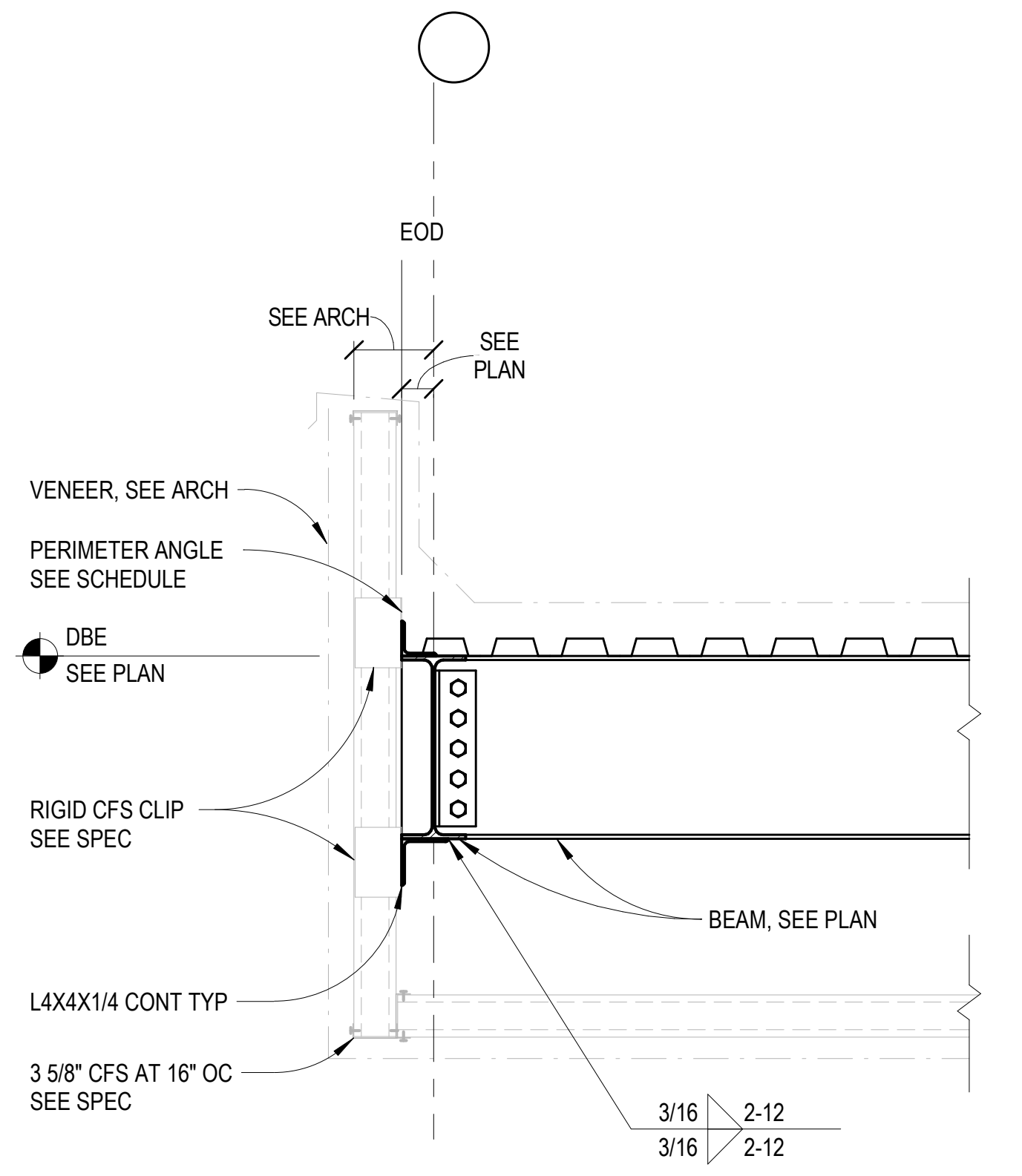
10 ROOF PARAPET FRAMING DETAIL
3/4" = 1'-0"



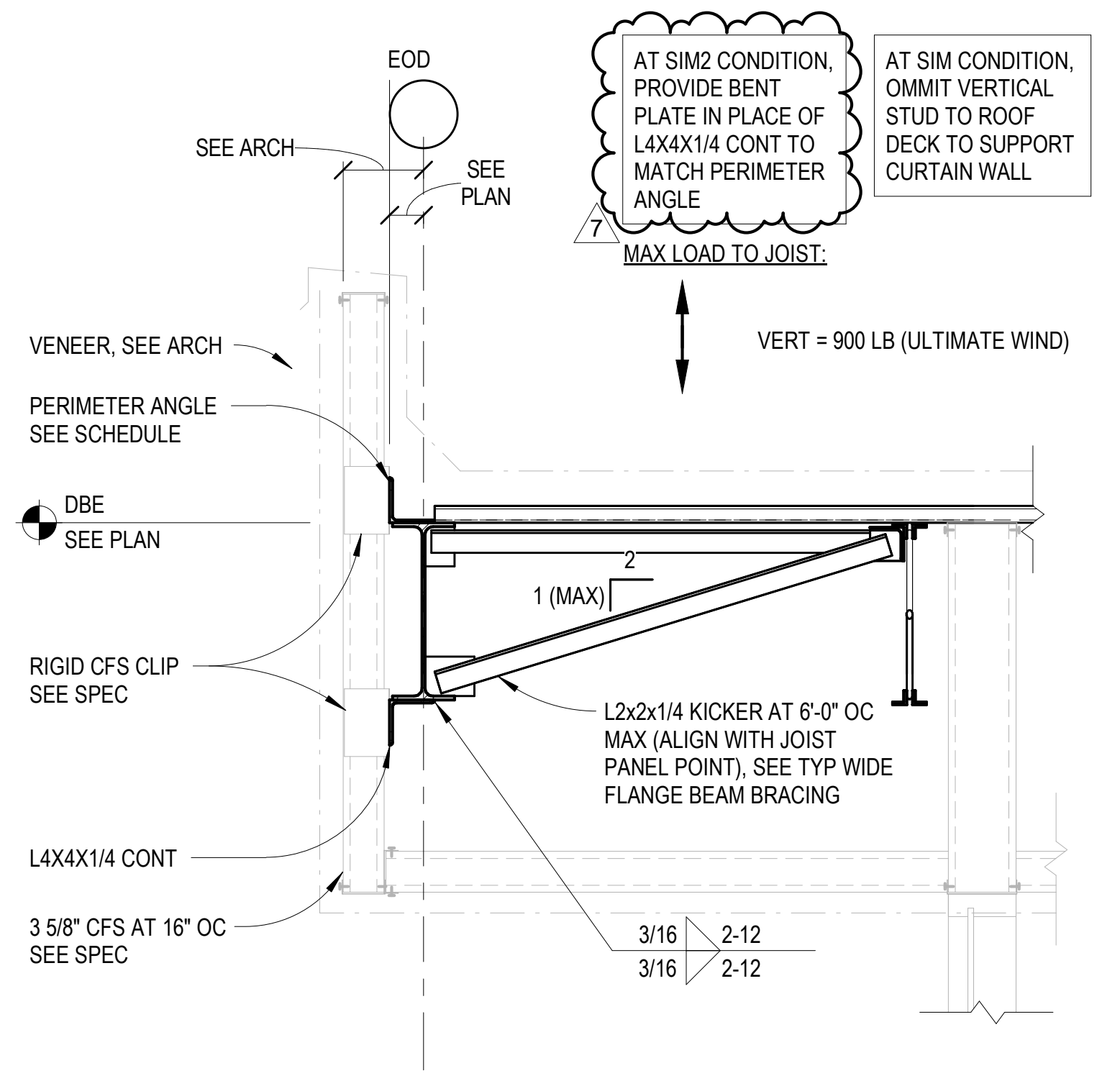
9 ROOF PARAPET FRAMING DETAIL
3/4" = 1'-0"



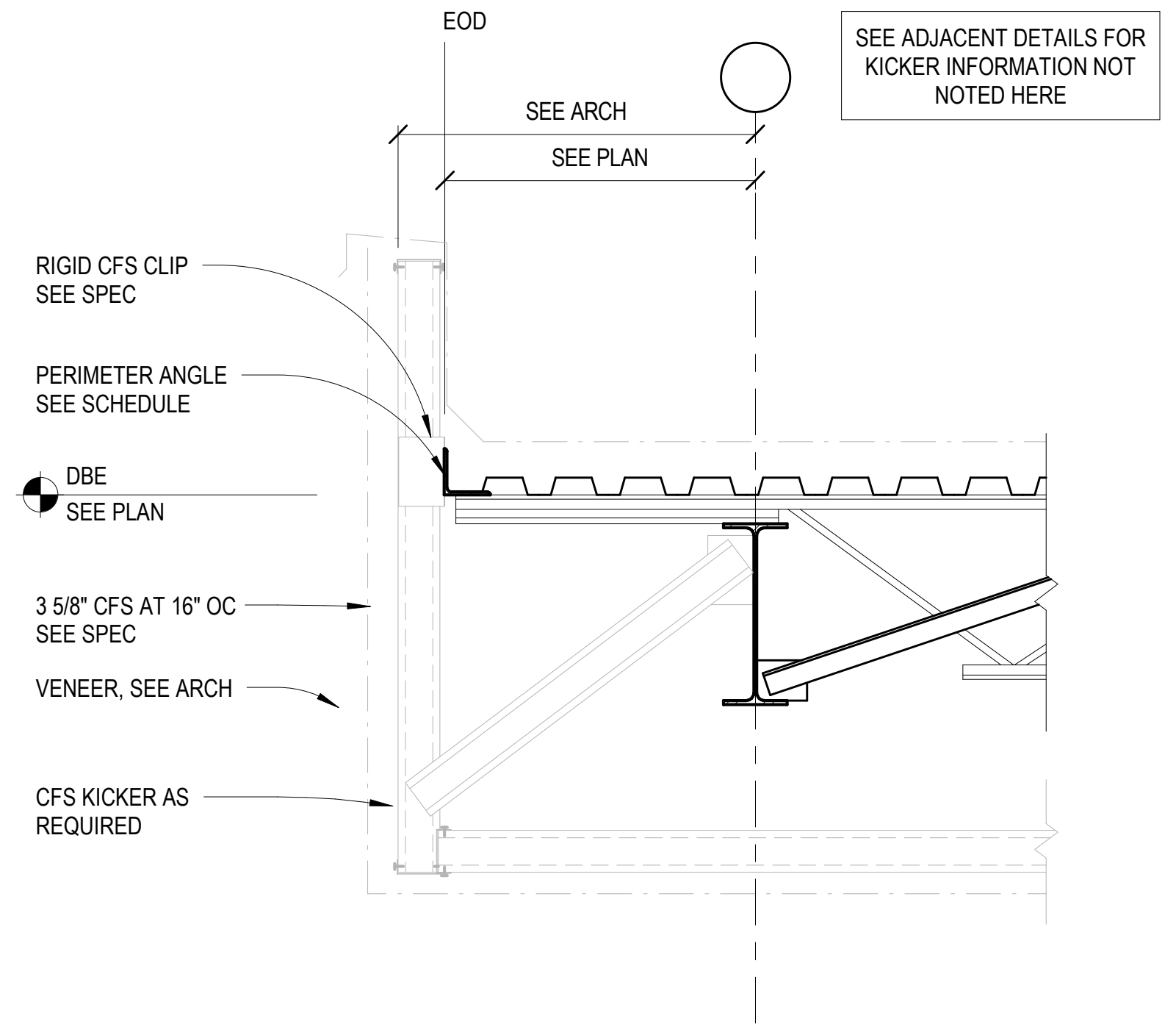
8 LOW ROOF FRAMING DETAIL
3/4" = 1'-0"



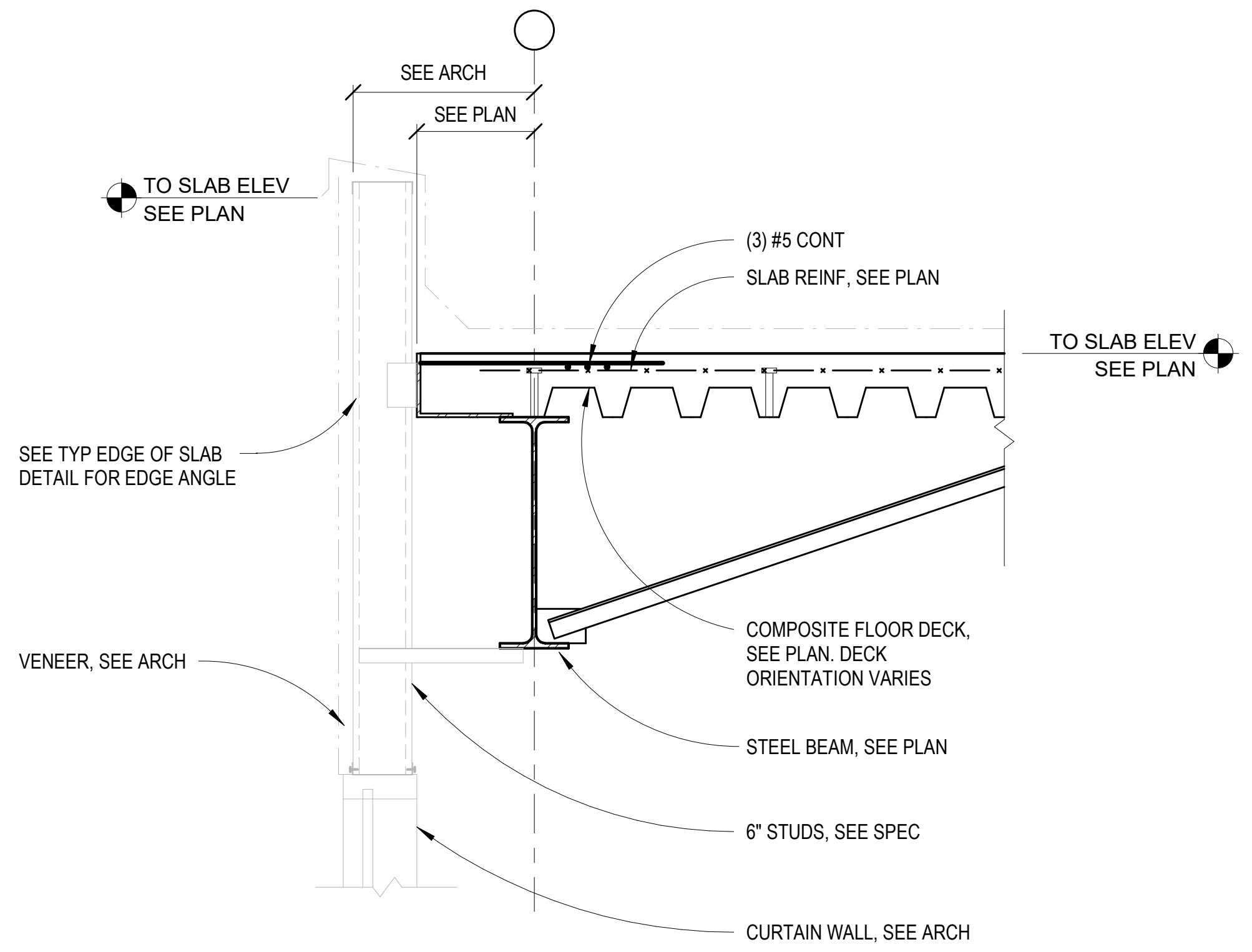
7 FRAMING DETAIL
3/4" = 1'-0"


EOD
SEE ARCH
SEE PLAN
AT SIM2 CONDITION, PROVIDE BENT PLATE IN PLACE OF L4X4X1/4 CONT TO MATCH PERIMETER ANGLE
7
AT SIM CONDITION, OMMIT VERTICAL STUD TO ROOF DECK TO SUPPORT CURTAIN WALL
MAX LOAD TO JOIST:
VERT = 900 LB (ULTIMATE WIND)
VENEER, SEE ARCH
PERIMETER ANGLE SEE SCHEDULE
DBE SEE PLAN
2
1 (MAX)
RIGID CFS CLIP SEE SPEC
L2x2x1/4 KICKER AT 6'-0" OC MAX (ALIGN WITH JOIST PANEL POINT), SEE TYP WIDE FLANGE BEAM BRACING
L4X4X1/4 CONT
3 5/8" CFS AT 16" OC SEE SPEC
3/16 2-12
3/16 2-12

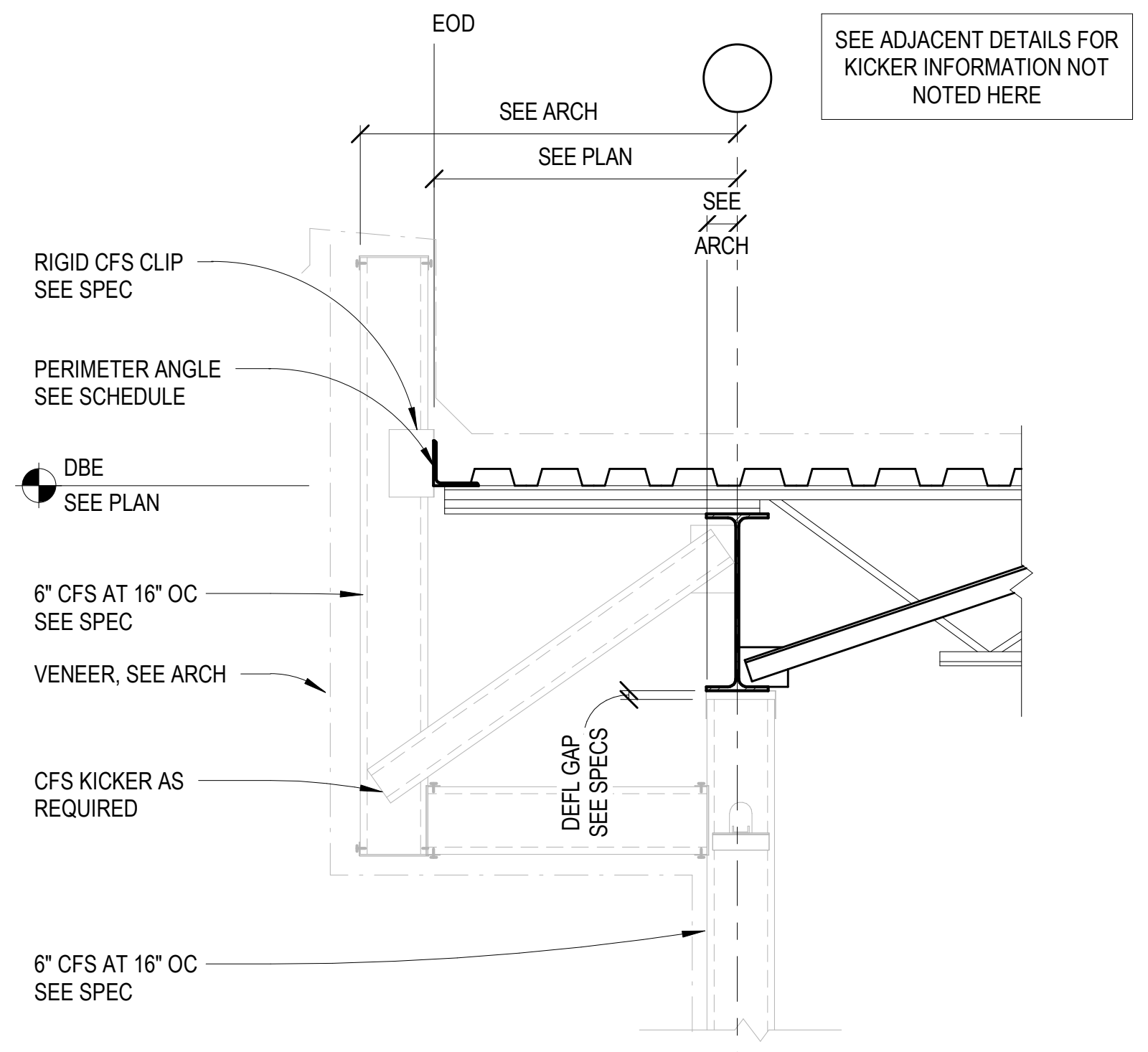
6 FRAMING DETAIL
3/4" = 1'-0"


EOD
SEE ARCH
SEE PLAN
RIGID CFS CLIP SEE SPEC
PERIMETER ANGLE SEE SCHEDULE
DBE SEE PLAN
3 5/8" CFS AT 16" OC SEE SPEC
VENEER, SEE ARCH
CFS KICKER AS REQUIRED
SEE ADJACENT DETAILS FOR KICKER INFORMATION NOT NOTED HERE

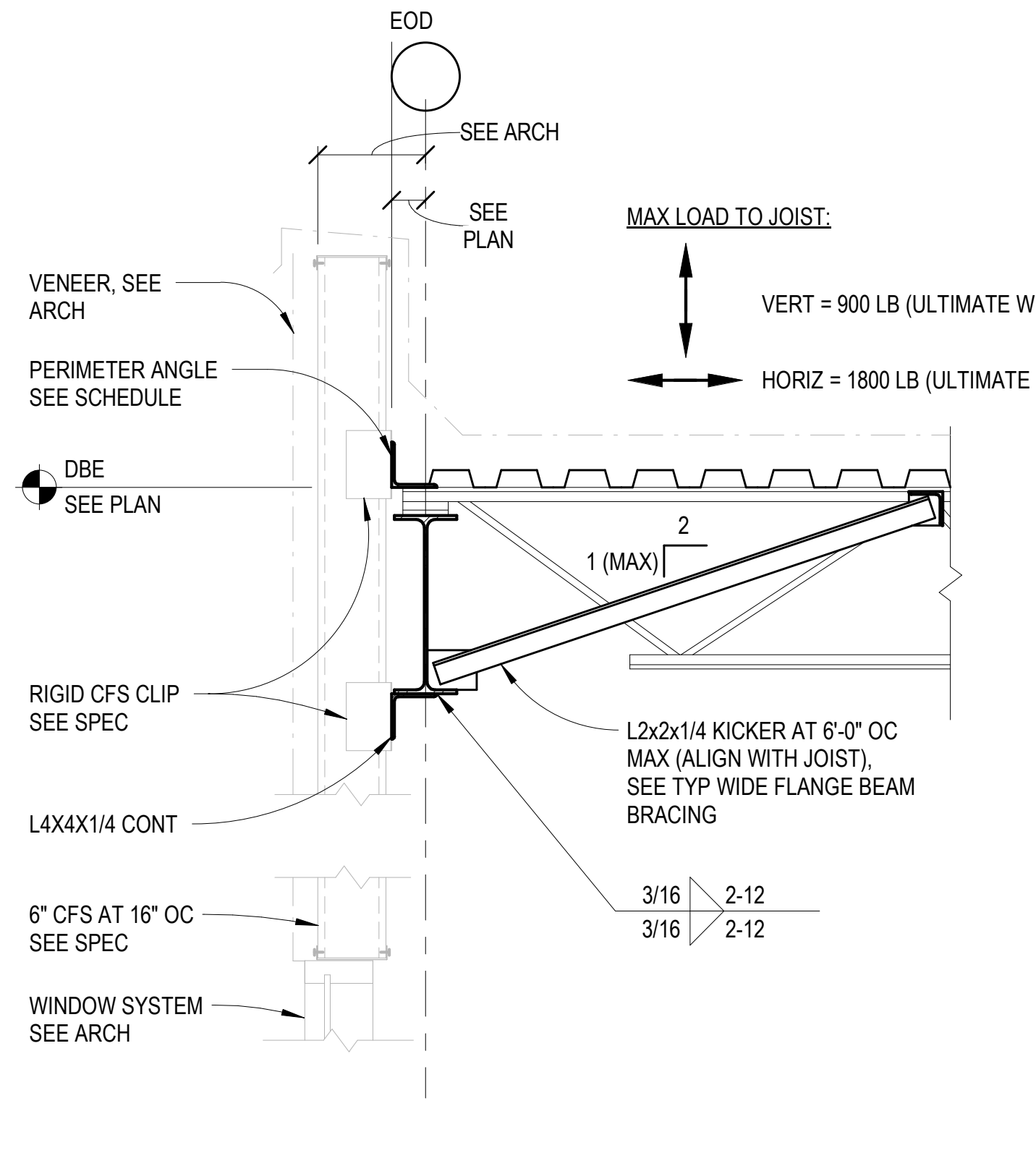
5 FRAMING DETAIL
3/4" = 1'-0"



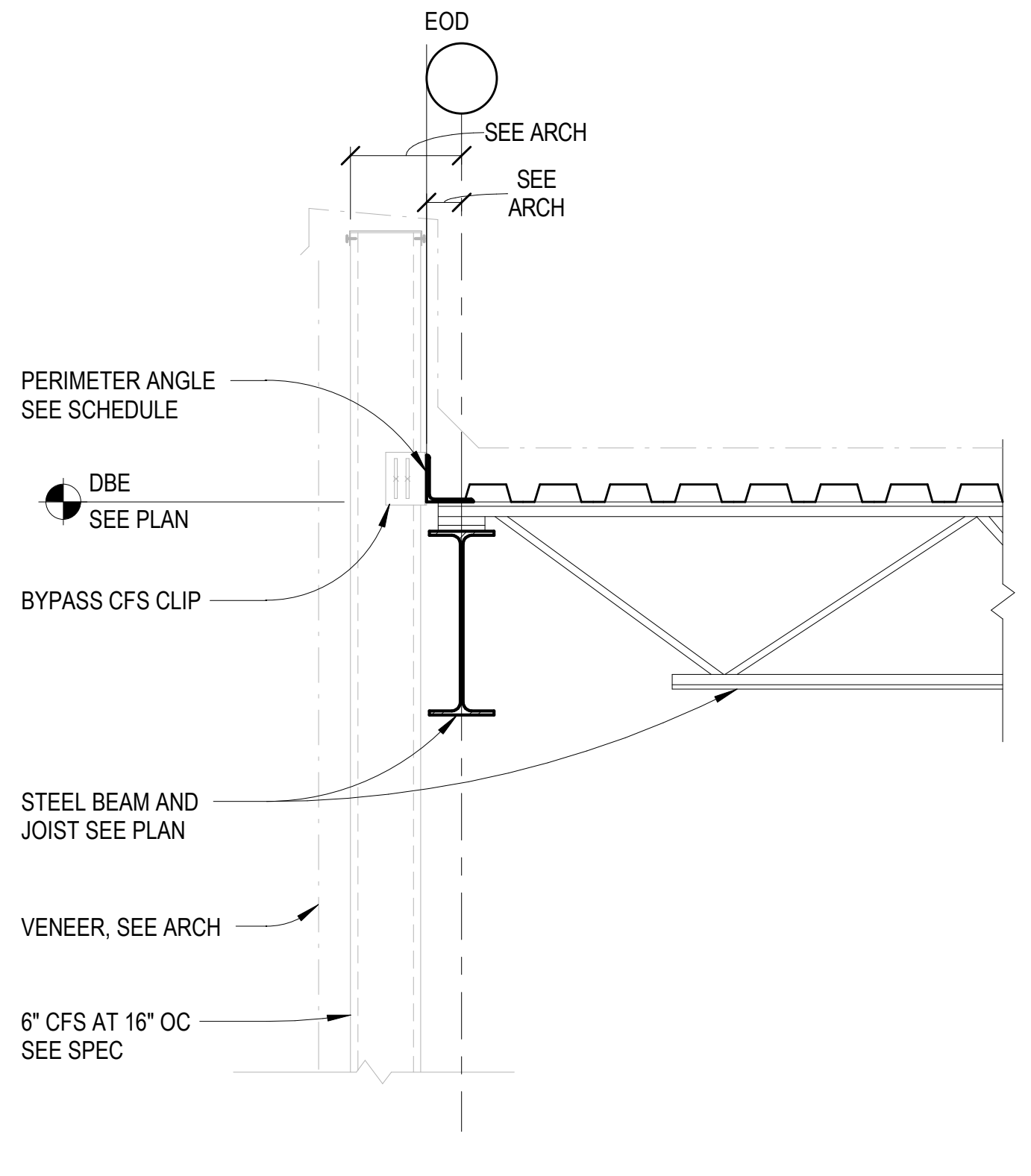
4 FRAMING DETAIL
3/4" = 1'-0"


EOD
SEE ARCH
SEE PLAN
SEE ARCH
SEE ADJACENT DETAILS FOR KICKER INFORMATION NOT NOTED HERE
RIGID CFS CLIP SEE SPEC
PERIMETER ANGLE SEE SCHEDULE
DBE SEE PLAN
6" CFS AT 16" OC SEE SPEC
VENEER, SEE ARCH
CFS KICKER AS REQUIRED
DEFL GAP SEE SPECS
6" CFS AT 16" OC SEE SPEC

3 FRAMING DETAIL
3/4" = 1'-0"


EOD
SEE ARCH
SEE PLAN
MAX LOAD TO JOIST:
VERT = 900 LB (ULTIMATE WIND)
HORIZ = 1800 LB (ULTIMATE WIND)
VENEER, SEE ARCH
PERIMETER ANGLE SEE SCHEDULE
DBE SEE PLAN
2
1 (MAX)
RIGID CFS CLIP SEE SPEC
L4X4X1/4 CONT
L2x2x1/4 KICKER AT 6'-0" OC MAX (ALIGN WITH JOIST), SEE TYP WIDE FLANGE BEAM BRACING
3/16 2-12
3/16 2-12
6" CFS AT 16" OC SEE SPEC
WINDOW SYSTEM SEE ARCH

2 FRAMING DETAIL
3/4" = 1'-0"


EOD
SEE ARCH
SEE ARCH
PERIMETER ANGLE SEE SCHEDULE
DBE SEE PLAN
BYPASS CFS CLIP
STEEL BEAM AND JOIST SEE PLAN
VENEER, SEE ARCH
6" CFS AT 16" OC SEE SPEC

1 FRAMING DETAIL
3/4" = 1'-0"

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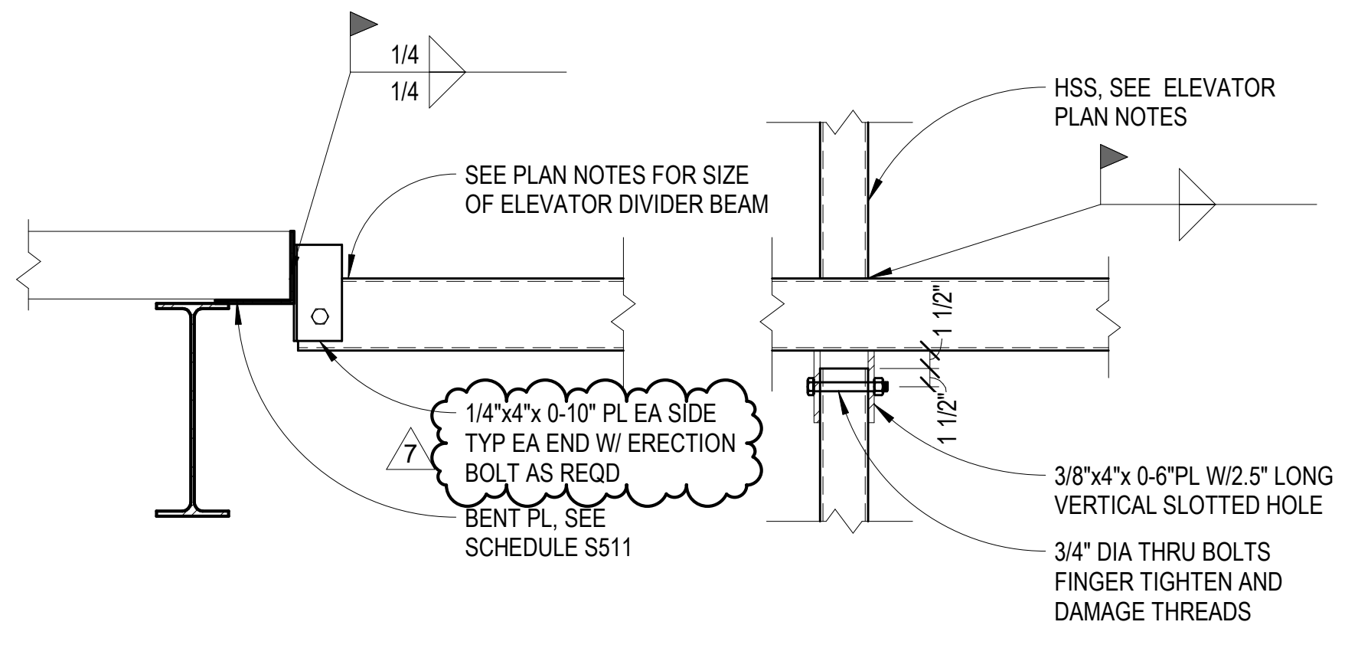
No.13684
08/31/2026

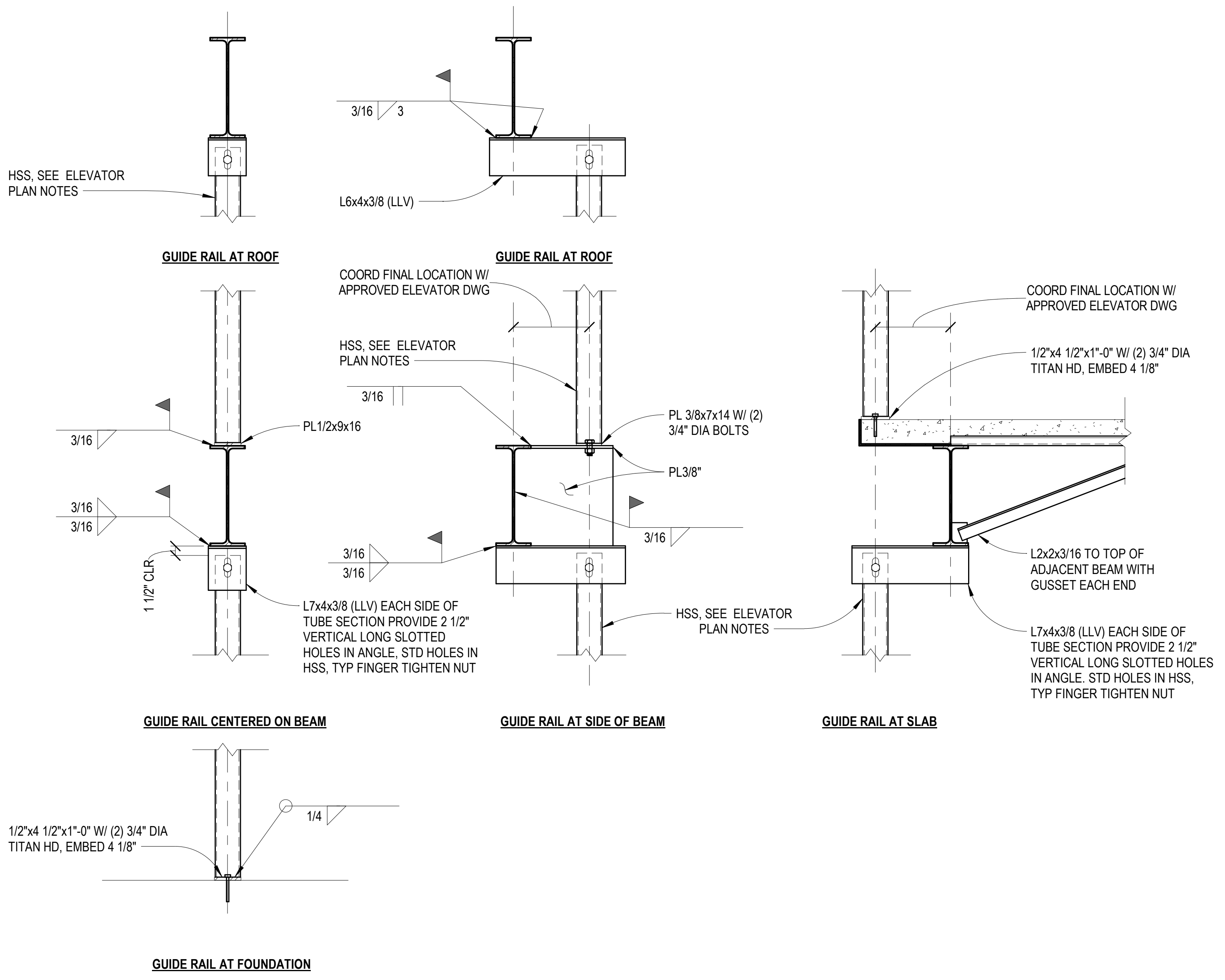
ROOF FRAMING DETAILS

S-522


1/4
1/4
HSS, SEE ELEVATOR PLAN NOTES
SEE PLAN NOTES FOR SIZE OF ELEVATOR DIVIDER BEAM
1 1/2"
1 1/2"
1/4"x4"x 0-10" PL EA SIDE TYP EA END W/ ERECTION BOLT AS REQD
7
BENT PL, SEE SCHEDULE S511
3/8"x4"x 0-6"PL W/2.5" LONG VERTICAL SLOTTED HOLE
3/4" DIA THRU BOLTS FINGER TIGHTEN AND DAMAGE THREADS

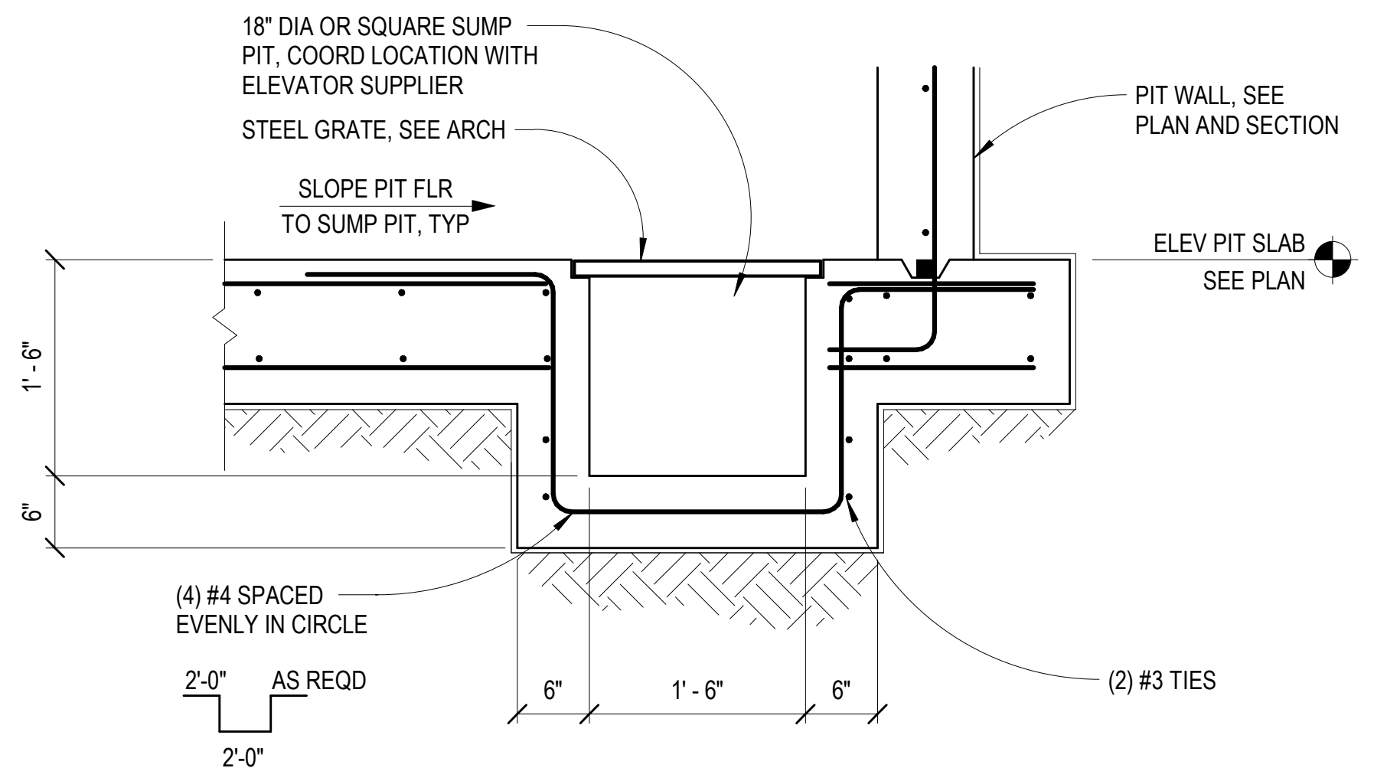
4 ELEVATOR DIVIDER BEAM

3/4" = 1'-0"


HSS, SEE ELEVATOR PLAN NOTES
GUIDE RAIL AT ROOF
3/16
3
L6x4x3/8 (LLV)
GUIDE RAIL AT ROOF
3/16
PL1/2x9x16
3/16
3/16
1 1/2" CLR
L7x4x3/8 (LLV) EACH SIDE OF TUBE SECTION PROVIDE 2 1/2" VERTICAL LONG SLOTTED HOLES IN ANGLE, STD HOLES IN HSS, TYP FINGER TIGHTEN NUT
GUIDE RAIL CENTERED ON BEAM
COORD FINAL LOCATION W/ APPROVED ELEVATOR DWG
HSS, SEE ELEVATOR PLAN NOTES
3/16
PL 3/8x7x14 W/ (2) 3/4" DIA BOLTS
PL3/8"
3/16
3/16
3/16
HSS, SEE ELEVATOR PLAN NOTES
GUIDE RAIL AT SIDE OF BEAM
COORD FINAL LOCATION W/ APPROVED ELEVATOR DWG
1/2"x4 1/2"x1"-0" W/ (2) 3/4" DIA TITAN HD, EMBED 4 1/8"
L2x2x3/16 TO TOP OF ADJACENT BEAM WITH GUSSET EACH END
L7x4x3/8 (LLV) EACH SIDE OF TUBE SECTION PROVIDE 2 1/2" VERTICAL LONG SLOTTED HOLES IN ANGLE. STD HOLES IN HSS, TYP FINGER TIGHTEN NUT
GUIDE RAIL AT SLAB
1/2"x4 1/2"x1"-0" W/ (2) 3/4" DIA TITAN HD, EMBED 4 1/8"
1/4
GUIDE RAIL AT FOUNDATION

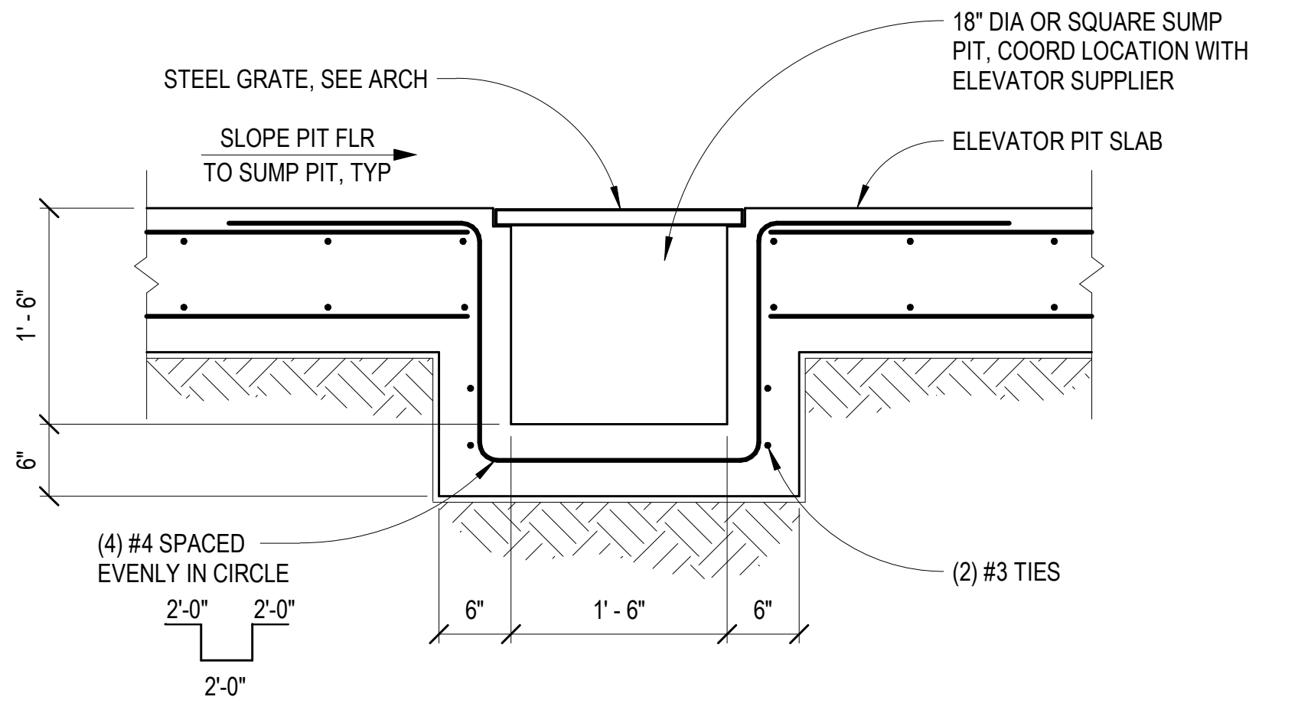
3 GUIDE RAIL COLUMN CONNECTIONS

3/4" = 1'-0"


18" DIA OR SQUARE SUMP PIT, COORD LOCATION WITH ELEVATOR SUPPLIER
STEEL GRATE, SEE ARCH
PIT WALL, SEE PLAN AND SECTION
SLOPE PIT FLR TO SUMP PIT, TYP
ELEV PIT SLAB
SEE PLAN
1' - 6"
6"
(4) #4 SPACED EVENLY IN CIRCLE
2'-0"
AS REQD
2'-0"
6"
1' - 6"
6"
(2) #3 TIES

2B SUMP PIT CORNER DETAIL

3/4" = 1'-0"


STEEL GRATE, SEE ARCH
18" DIA OR SQUARE SUMP PIT, COORD LOCATION WITH ELEVATOR SUPPLIER
SLOPE PIT FLR TO SUMP PIT, TYP
ELEVATOR PIT SLAB
1' - 6"
6"
(4) #4 SPACED EVENLY IN CIRCLE
2'-0"
2'-0"
2'-0"
6"
1' - 6"
6"
(2) #3 TIES

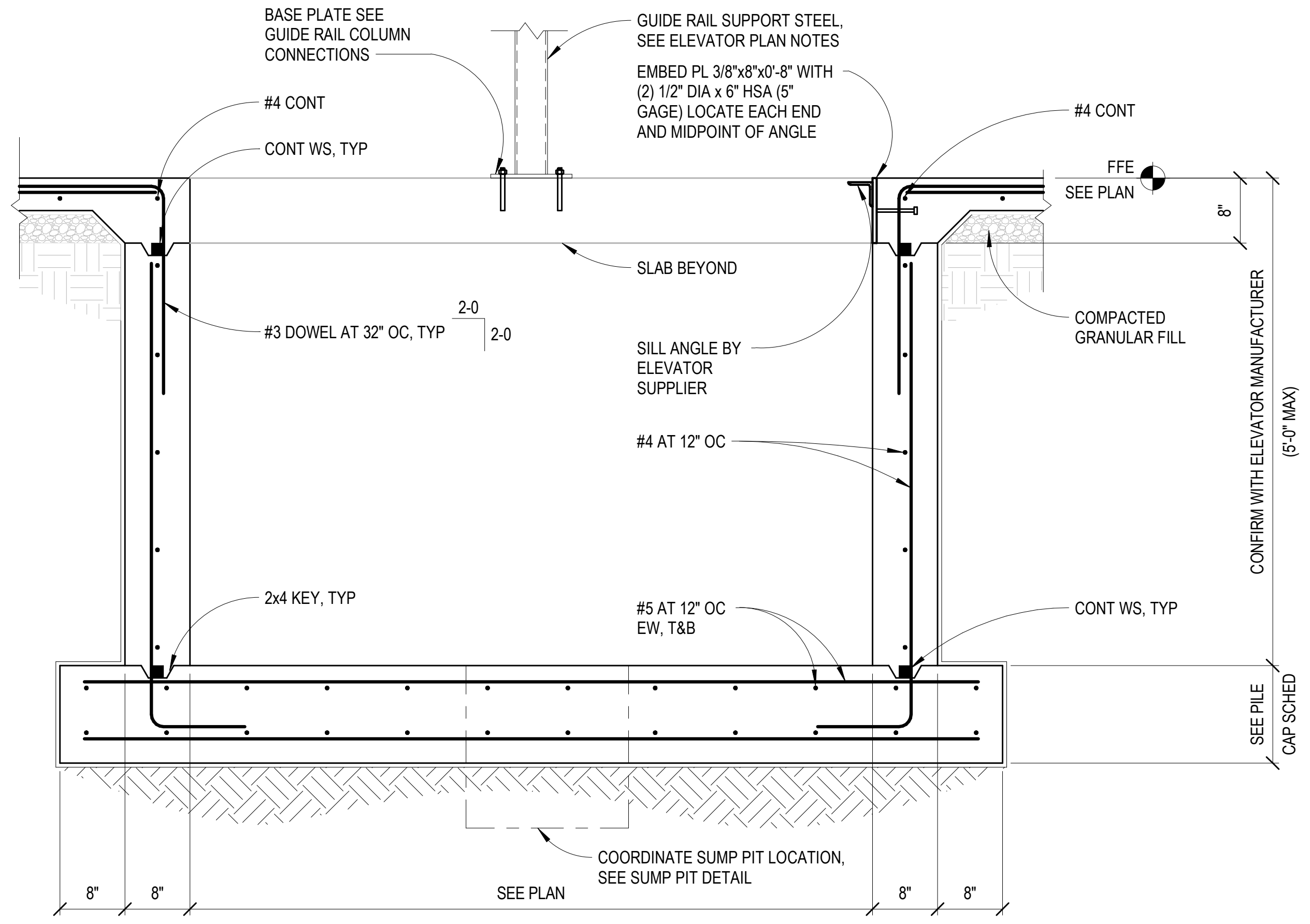
2A TYP ELEVATOR SUMP PIT

3/4" = 1'-0"

ELEVATOR NOTES

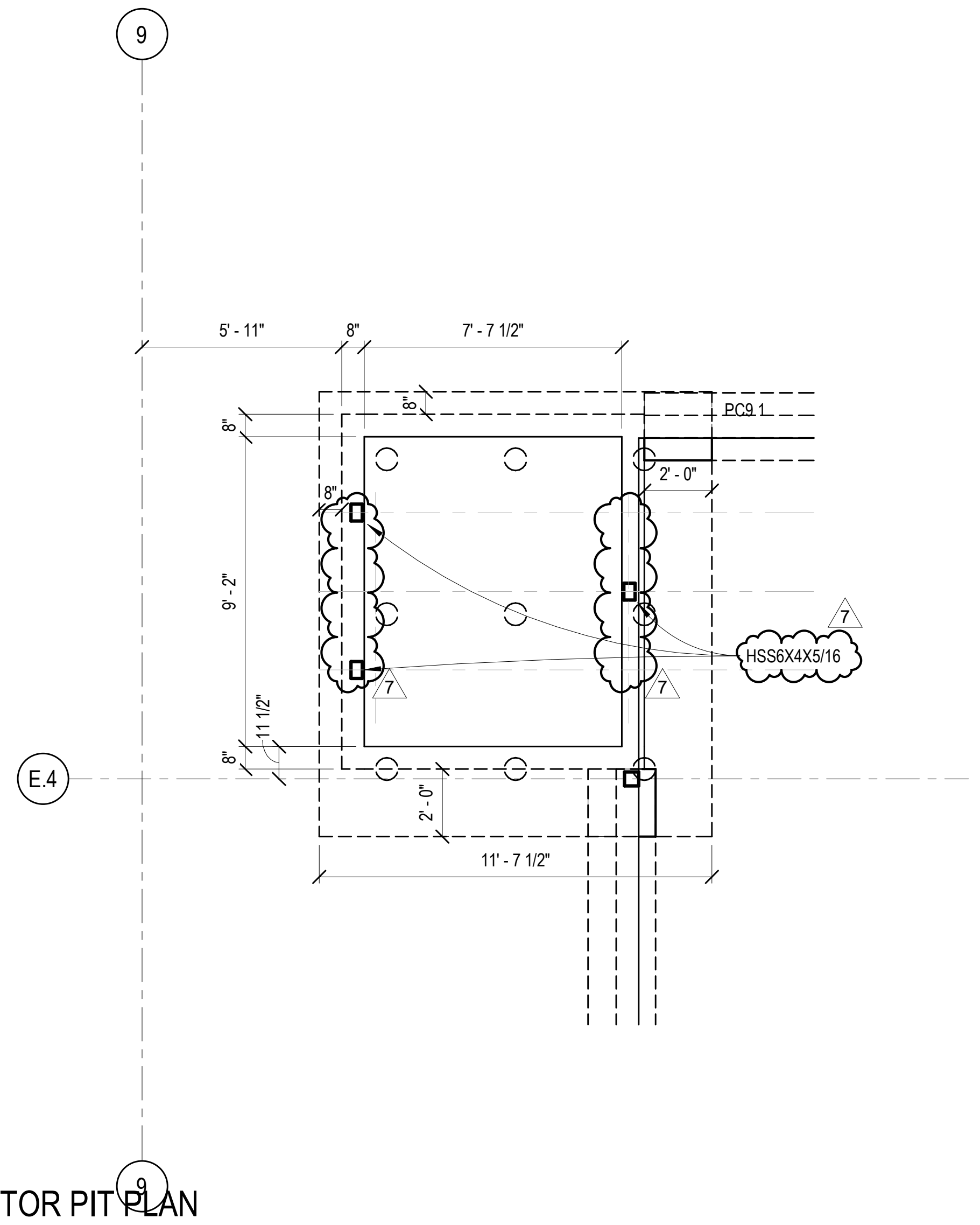
SOME GENERAL SHEET NOTES MAY NOT APPLY TO THIS SHEET. 7

1. ELEVATOR GUIDE RAIL COLUMN = SEE PLAN; SEE 3/S-531 FOR CONNECTIONS. ELEVATOR DIVIDER BEAM (WHERE APPLICABLE) = HSS6X4X1/4 (LSV). DESIGN BASIS: SCHINDLER 5000 - SEE PLAN FOR LOCATIONS. CONTRACTOR TO VERIFY ALL DIMENSION AND REQUIREMENTS WITH ELEVATOR SUPPLIER.
2. ELEVATOR HOIST BEAM DESIGN BASIS: SCHINDLER 5000. CONTRACTOR TO VERIFY ALL DIMENSIONS AND REQUIREMENTS WITH ELEVATOR SUPPLIER.
   1A/S-531 BOS ELEV = 177'-10" OR 195'-4
   1B/S-531 BOS ELEV = 195'-4" 7
3. COORDINATE FINAL SUMP PIT SIZE AND LOCATION WITH ELEVATOR SUPPLIER.
4. COORDINATE NOTCH IN PIT WALL FOR LADDER IF REQUIRED WITH ELEVATOR SUBMITTAL.


BASE PLATE SEE GUIDE RAIL COLUMN CONNECTIONS
GUIDE RAIL SUPPORT STEEL, SEE ELEVATOR PLAN NOTES
EMBED PL 3/8"x8"x0'-8" WITH (2) 1/2" DIA x 6" HSA (5" GAGE) LOCATE EACH END AND MIDPOINT OF ANGLE
#4 CONT
CONT WS, TYP
#4 CONT
FFE
SEE PLAN
8"
SLAB BEYOND
#3 DOWEL AT 32" OC, TYP
2-0
2-0
COMPACTED GRANULAR FILL
SILL ANGLE BY ELEVATOR SUPPLIER
CONFIRM WITH ELEVATOR MANUFACTURER
(5'-0" MAX)
#4 AT 12" OC
2x4 KEY, TYP
#5 AT 12" OC EW, T&B
CONT WS, TYP
SEE PILE CAP SCHED
COORDINATE SUMP PIT LOCATION, SEE SUMP PIT DETAIL
8"
8"
SEE PLAN
8"
8"

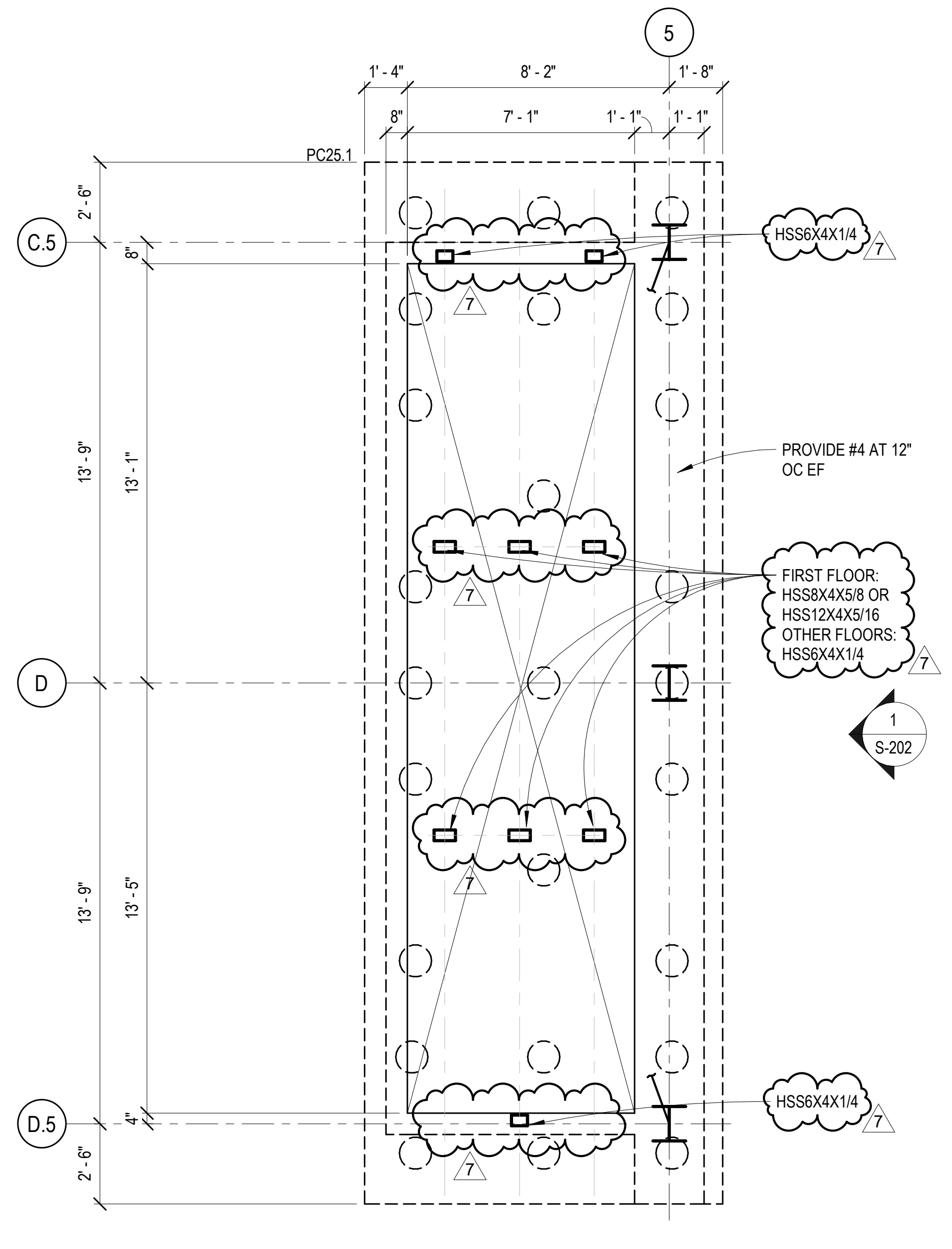
2 TYP ELEVATOR PIT

3/4" = 1'-0"



1B ELEVATOR PIT PLAN

1/4" = 1'-0"



1A ELEVATOR PIT PLAN

1/4" = 1'-0"

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360 Project No : 23481

HIGHLANDS
ONCOLOGY

HIGHLANDS BUILDING AT PINNACLE HILLS

SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key Plan

No.	Description	Date
2	ADDENDUM 02	01/16/2025
3	ADDENDUM 03	02/04/2026
7	P.R. #03	08/28/2026

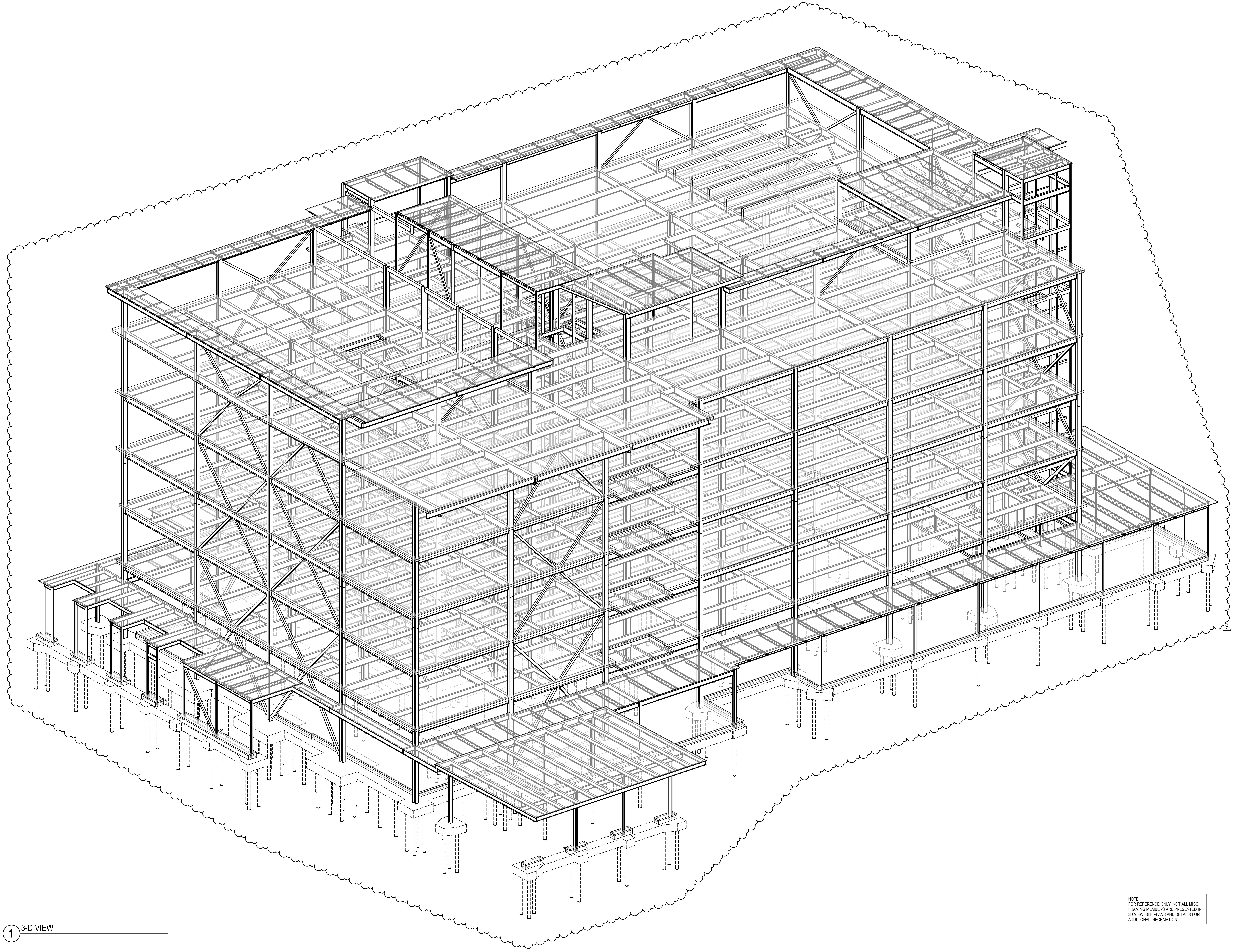
PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
QC DATE:

CONSTRUCTION
DOCUMENTS

No.13684
ELIAS R. JOHANNSSON
08/31/2026

ELEVATOR FOUNDATION
PLAN AND DETAILS

S-531



NOTE:
FOR REFERENCE ONLY. NOT ALL MISC FRAMING MEMBERS ARE PRESENTED IN 3D VIEW. SEE PLANS AND DETAILS FOR ADDITIONAL INFORMATION.

① 3-D VIEW

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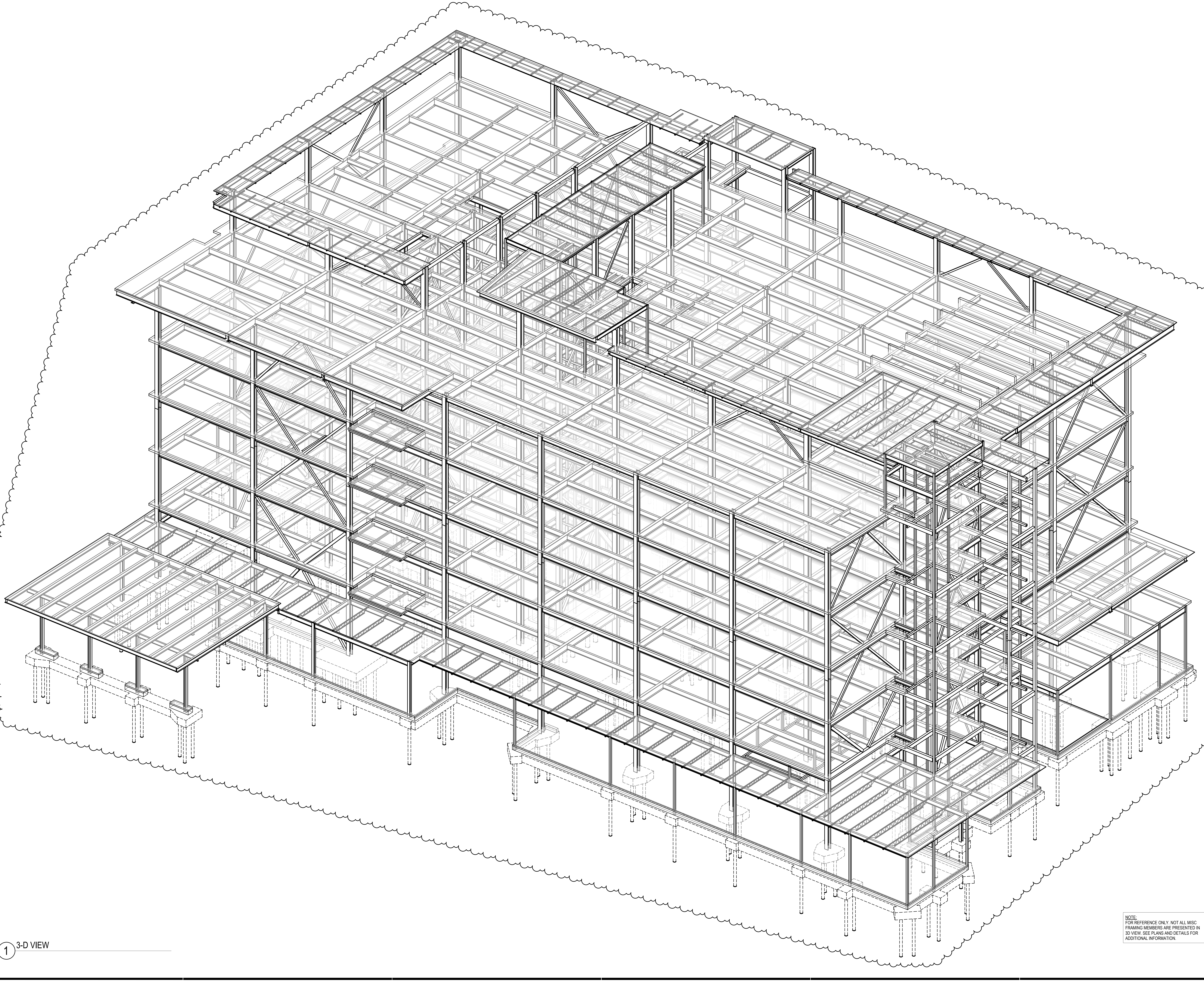
No.13684
08/31/2026

3-D VIEWS

S-601



① 3-D VIEW

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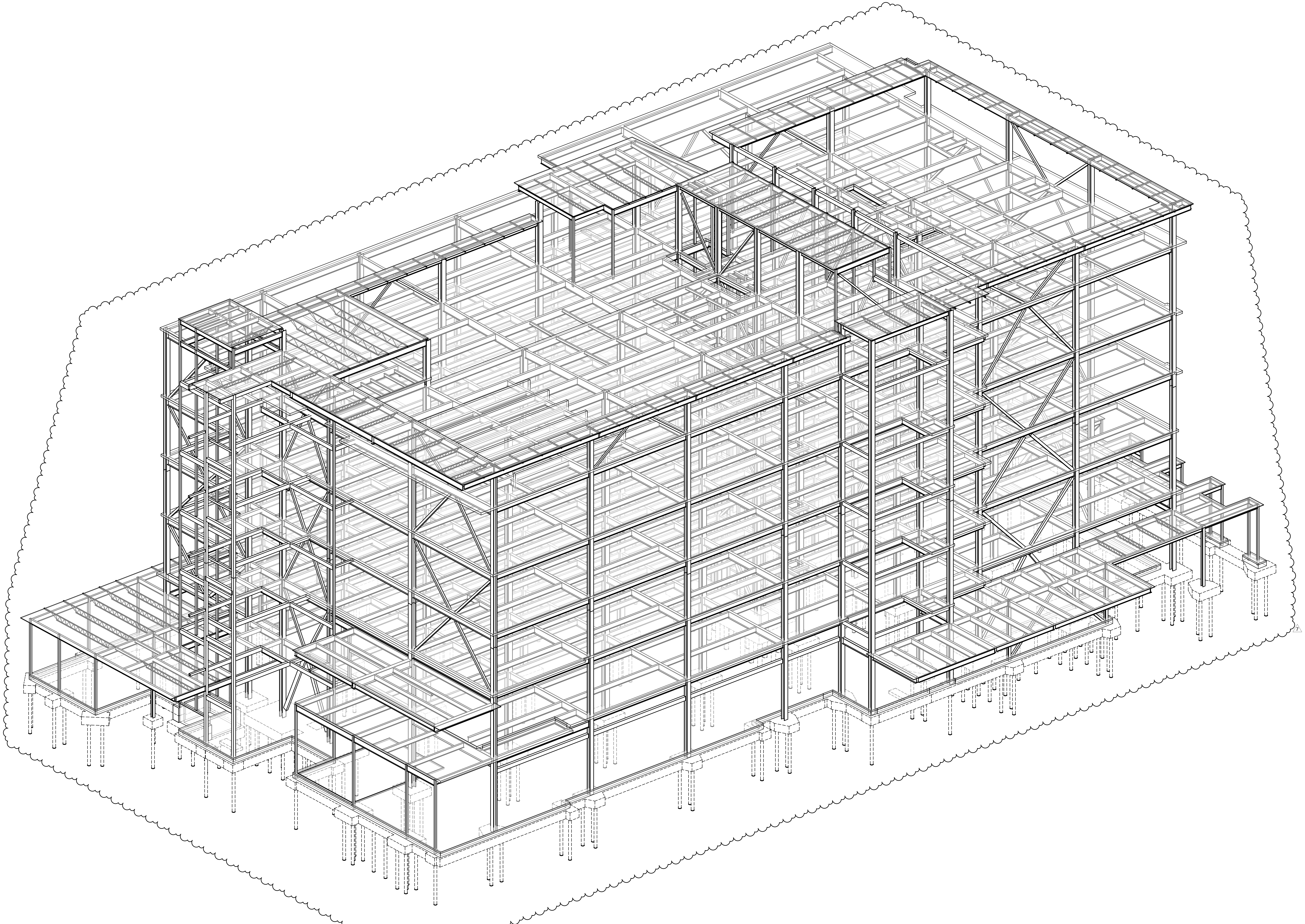
No.13684
08/31/2026

3-D VIEWS

S-602



1 3-D VIEW

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ROGERS, AR 72756

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No. 13684
08/31/2026

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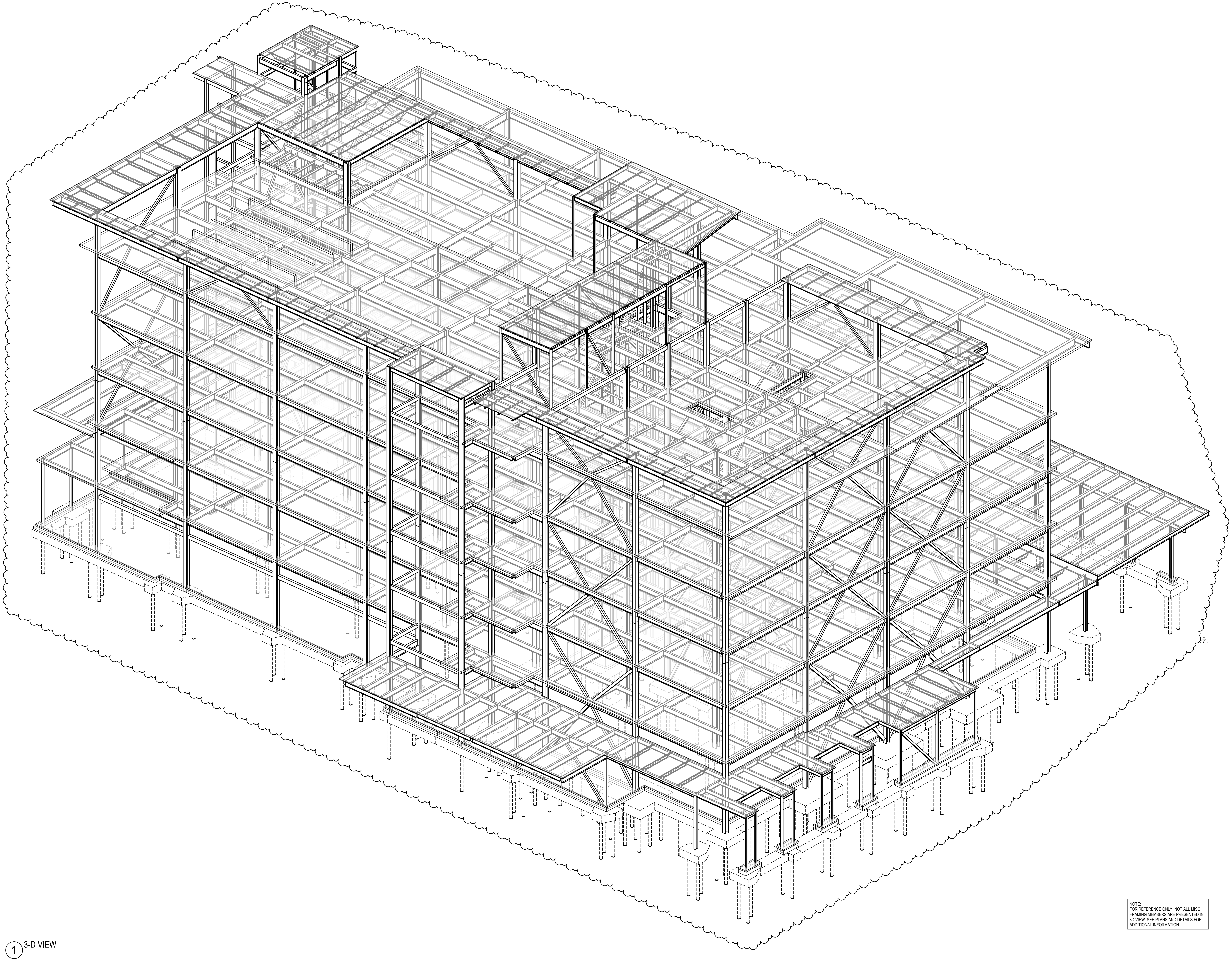
DOCUMENTS

3-D VIEWS

S-603



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1 3-D VIEW

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ONCOLOGY

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SOUTH JB HUNT DRIVE
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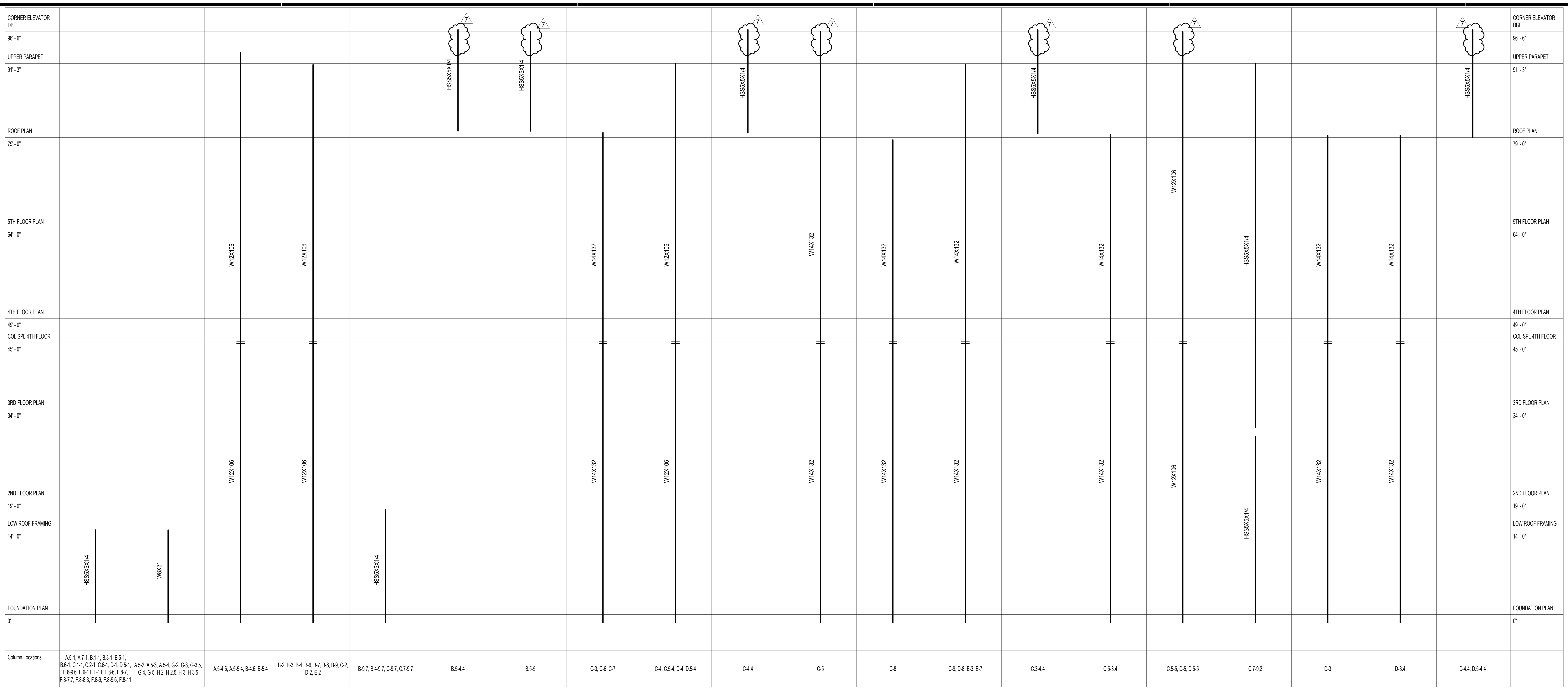
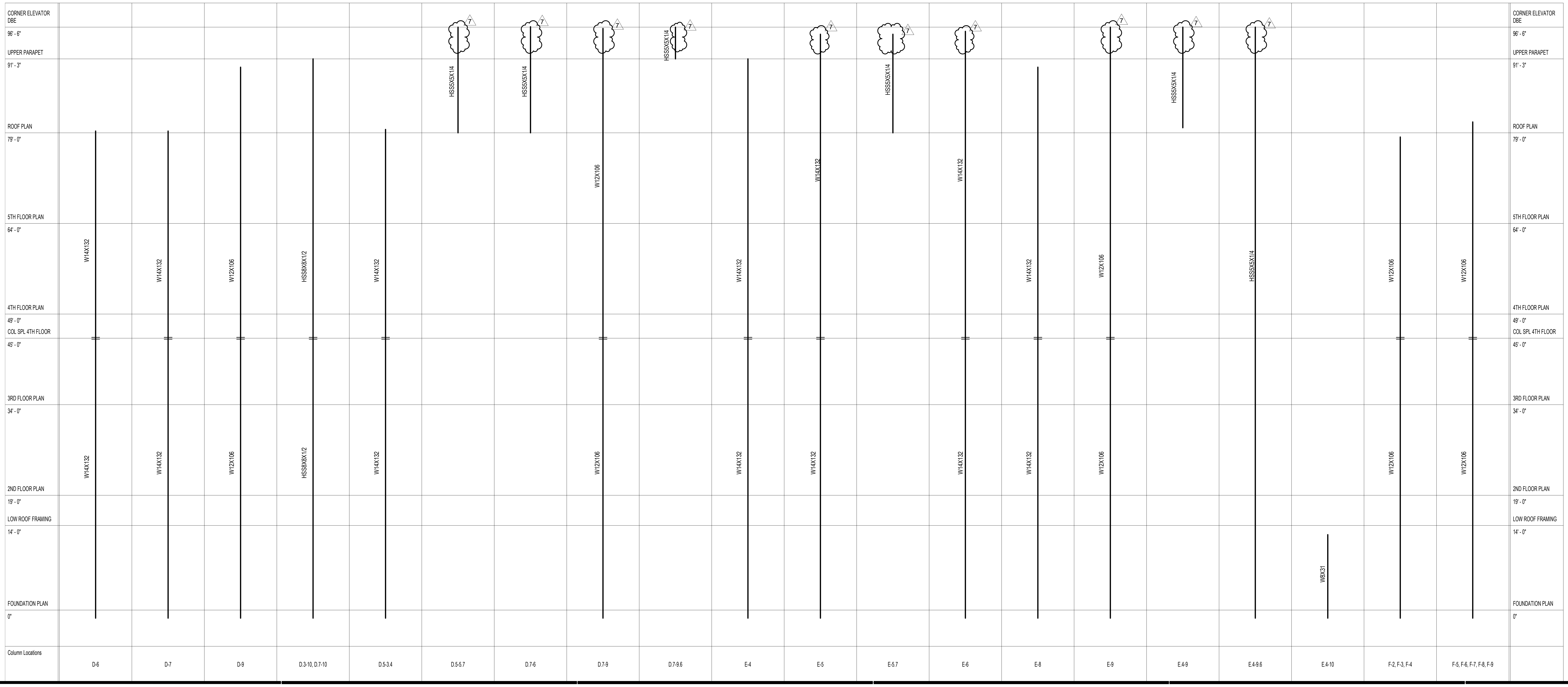
08/31/2026

3-D VIEWS

S-604





NOTE: SEE 2/S-502 FOR BASE PLATE DETAILS

DIMENSIONS IN PARENTHESIS AFTER A GRID INDICATE DIMENSION TO COLUMN AS FOLLOWS:

- A POSITIVE DIMENSION AFTER A LETTER GRID IS TO THE EAST, A NEGATIVE DIMENSION AFTER THE LETTER GRID IS TO THE WEST.
- A POSITIVE DIMENSION AFTER A NUMBER GRID IS TO THE NORTH, A NEGATIVE DIMENSION AFTER THE NUMBER GRID IS TO THE SOUTH.

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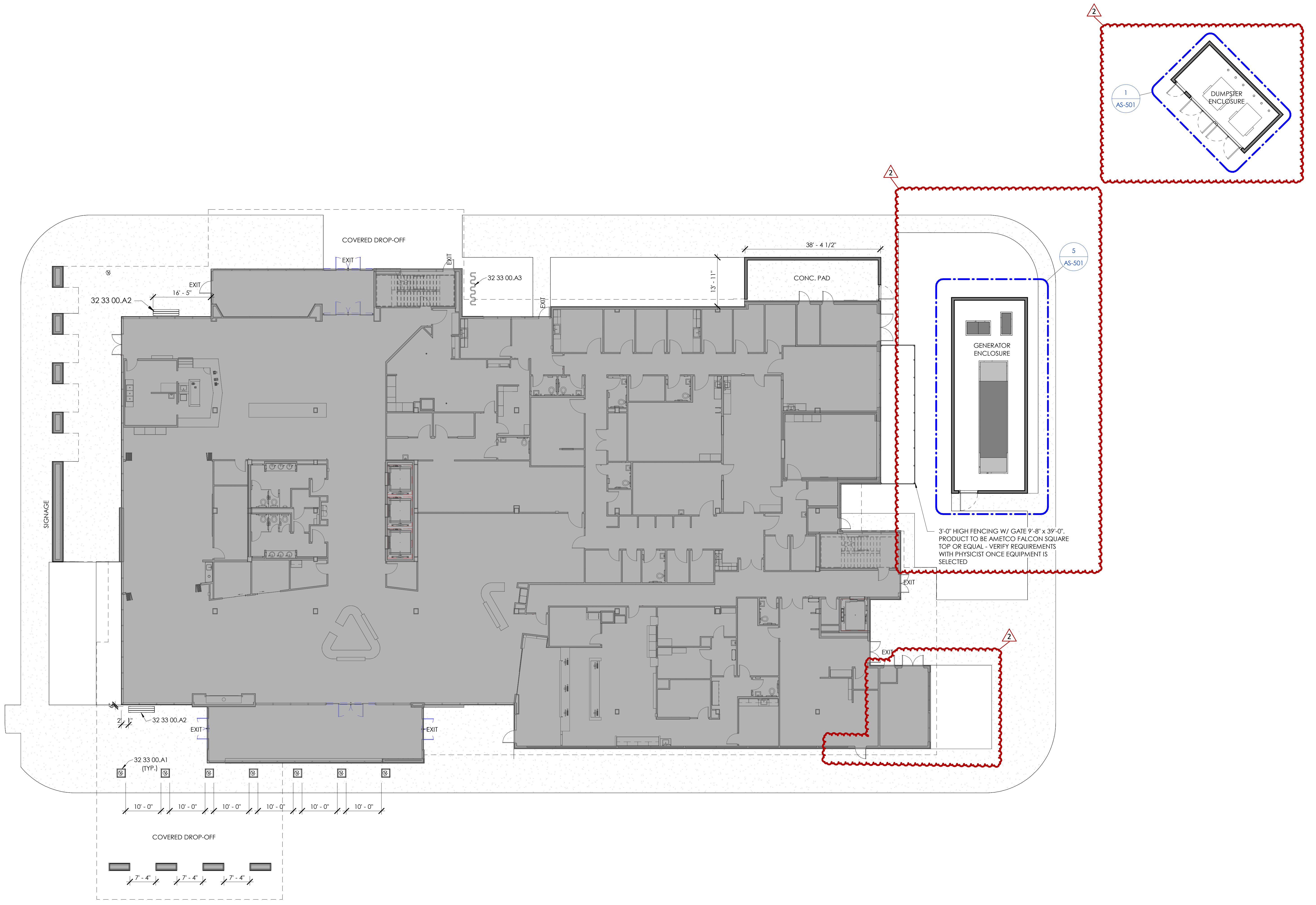
No.13684
08/31/2026

GRAPHICAL COLUMN SCHEDULE

S-605

KEYNOTE LEGEND

32 33 00.A1	30" X 30" X 30" - EXTERIOR PLANTER - SORELLA PLANTER - LANDSCAPEFORMS BANCAL- SEE SPEC
32 33 00.A2	BANCAL- BACKLESS BENCH - LANDSCAPE FORMS - SEE SPEC
32 33 00.A3	5 BIKE RACK IN GROUND - HIROLLER.COM



1 ARCHITECTURAL SITE PLAN

1/16" = 1'-0"

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09/01/26

ARCHITECTURAL SITE PLAN

1

AS-101

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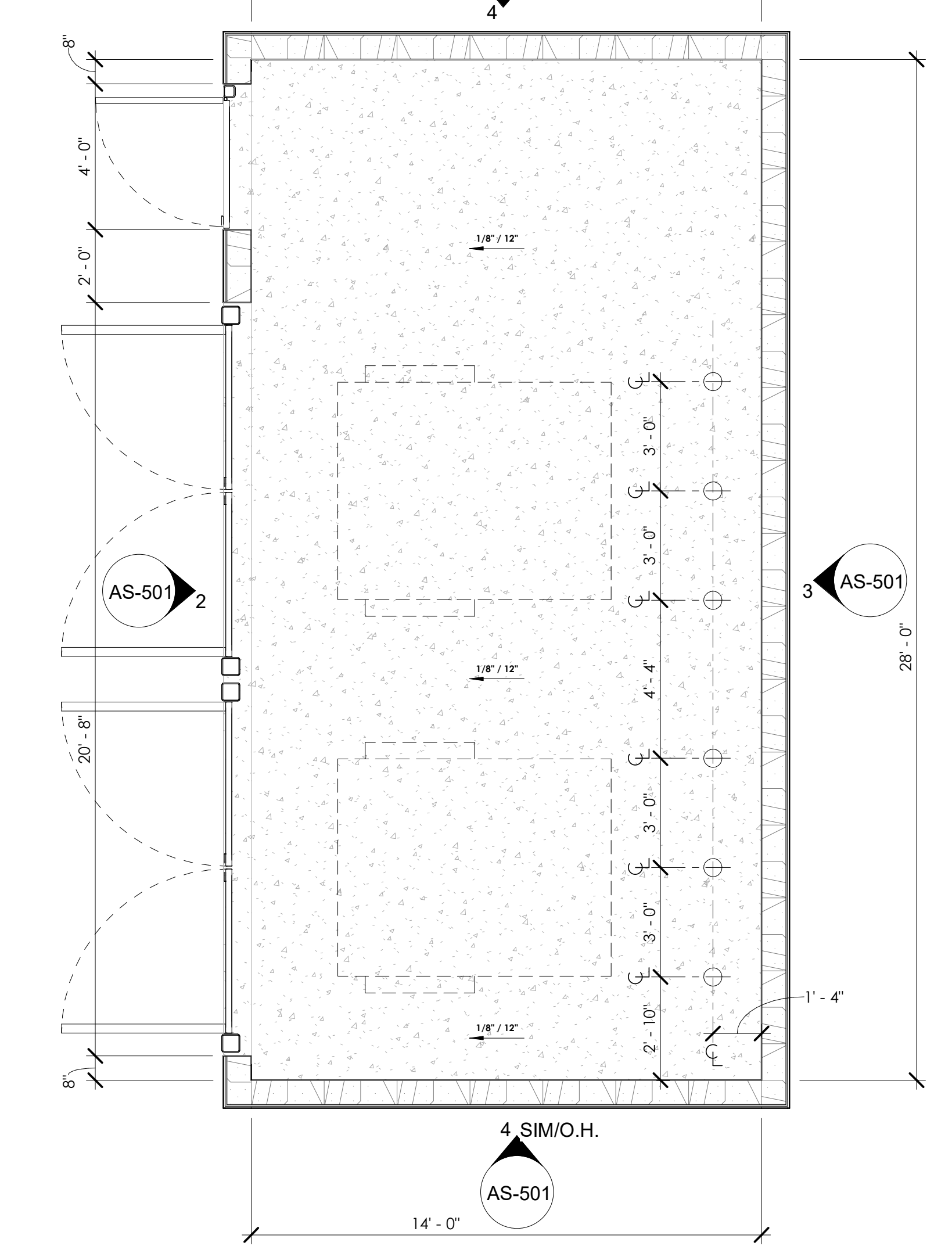
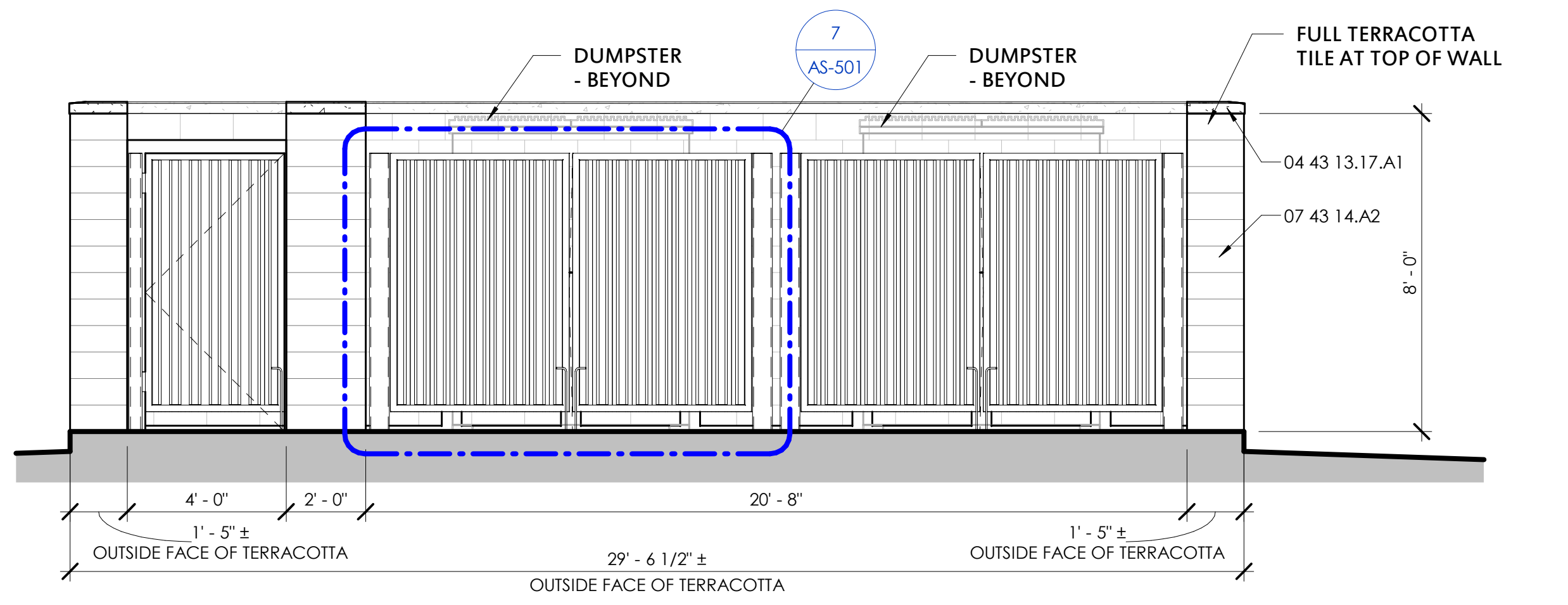


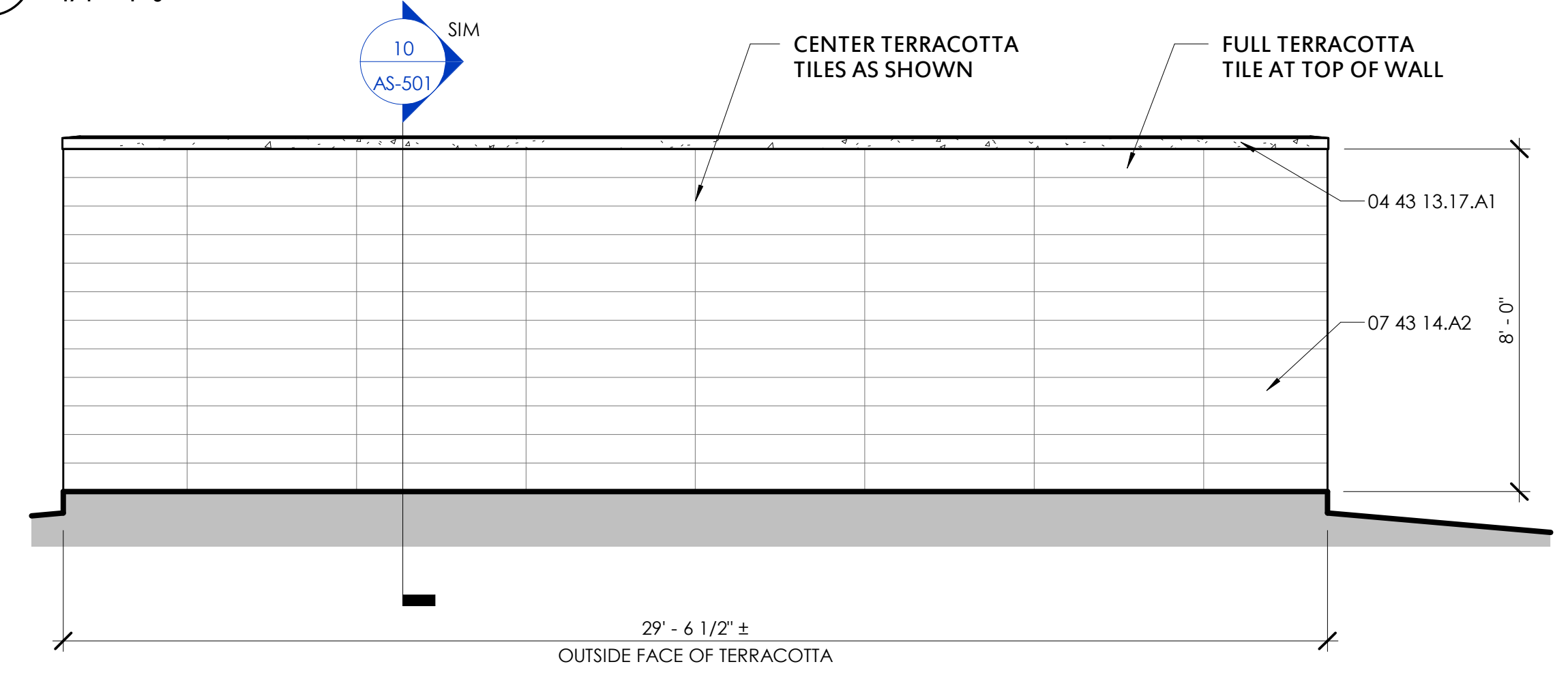
① ENLARGED DUMPSTER ENCLOSURE PLAN

1/4" = 1'-0"


DUMPSTER - BEYOND
7 AS-501
DUMPSTER - BEYOND
FULL TERRACOTTA TILE AT TOP OF WALL
04 43 13.17.A1
07 43 14.A2
8' - 0"
4' - 0"
2' - 0"
20' - 8"
1' - 5" ± OUTSIDE FACE OF TERRACOTTA
1' - 5" ± OUTSIDE FACE OF TERRACOTTA
29' - 6 1/2" ±
OUTSIDE FACE OF TERRACOTTA

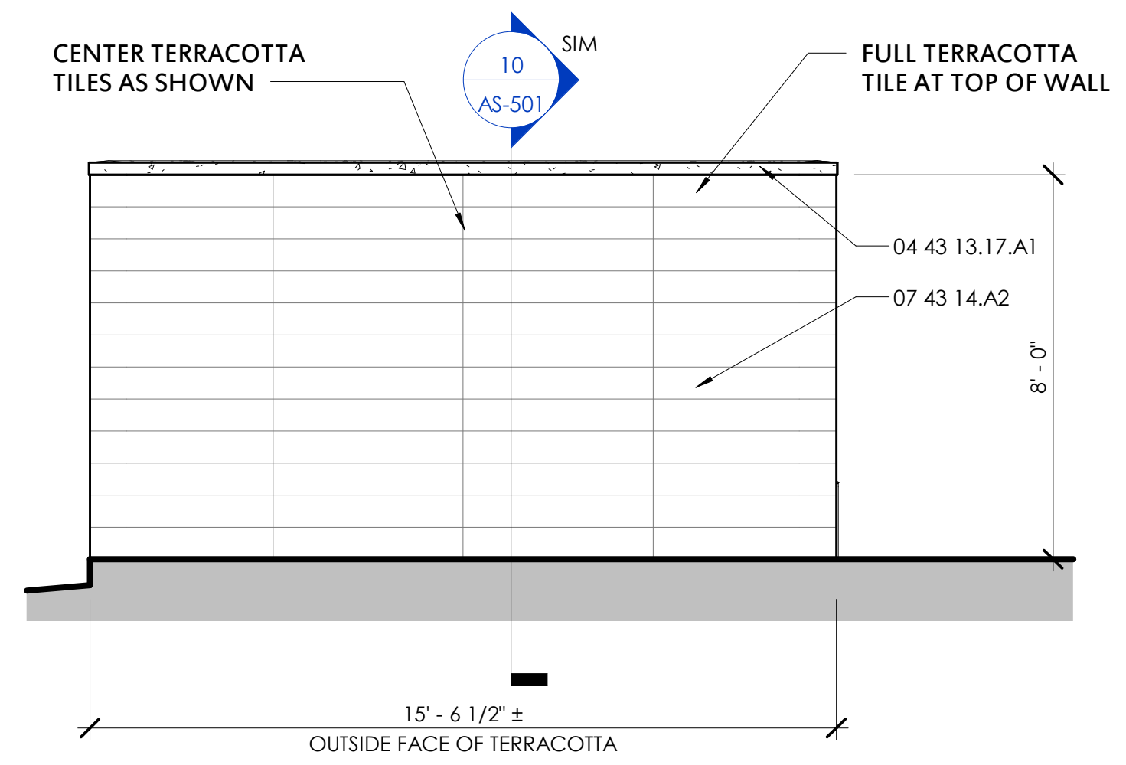
② DUMPSTER ENCLOUSURE - SOUTH ELEV.

1/4" = 1'-0"


10 AS-501 SIM
CENTER TERRACOTTA TILES AS SHOWN
FULL TERRACOTTA TILE AT TOP OF WALL
04 43 13.17.A1
07 43 14.A2
8' - 0"
29' - 6 1/2" ±
OUTSIDE FACE OF TERRACOTTA

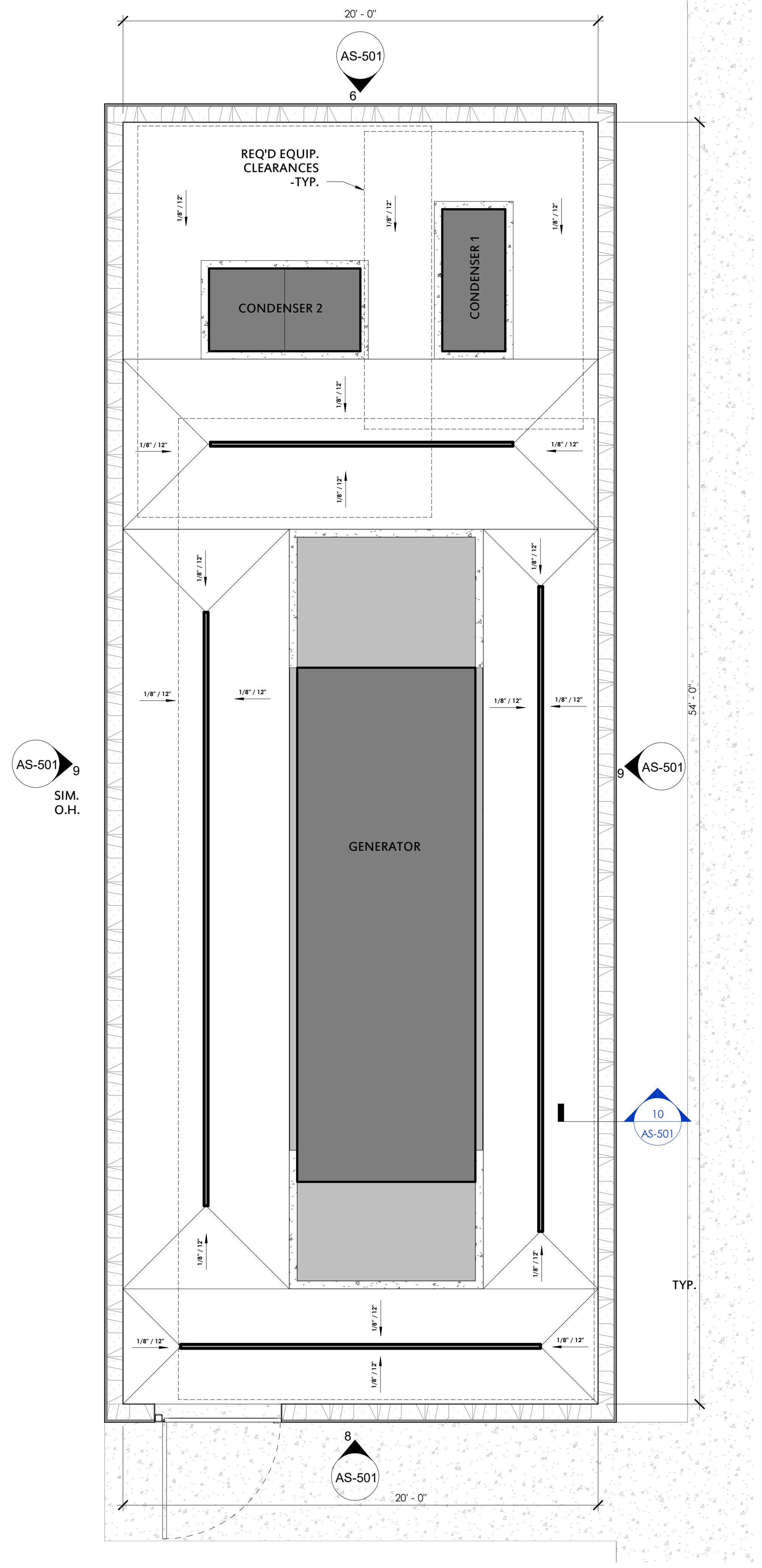
③ DUMPSTER ENCLOSURE - EAST ELEV.

1/4" = 1'-0"


CENTER TERRACOTTA TILES AS SHOWN
10 AS-501 SIM
FULL TERRACOTTA TILE AT TOP OF WALL
04 43 13.17.A1
07 43 14.A2
8' - 0"
15' - 6 1/2" ±
OUTSIDE FACE OF TERRACOTTA

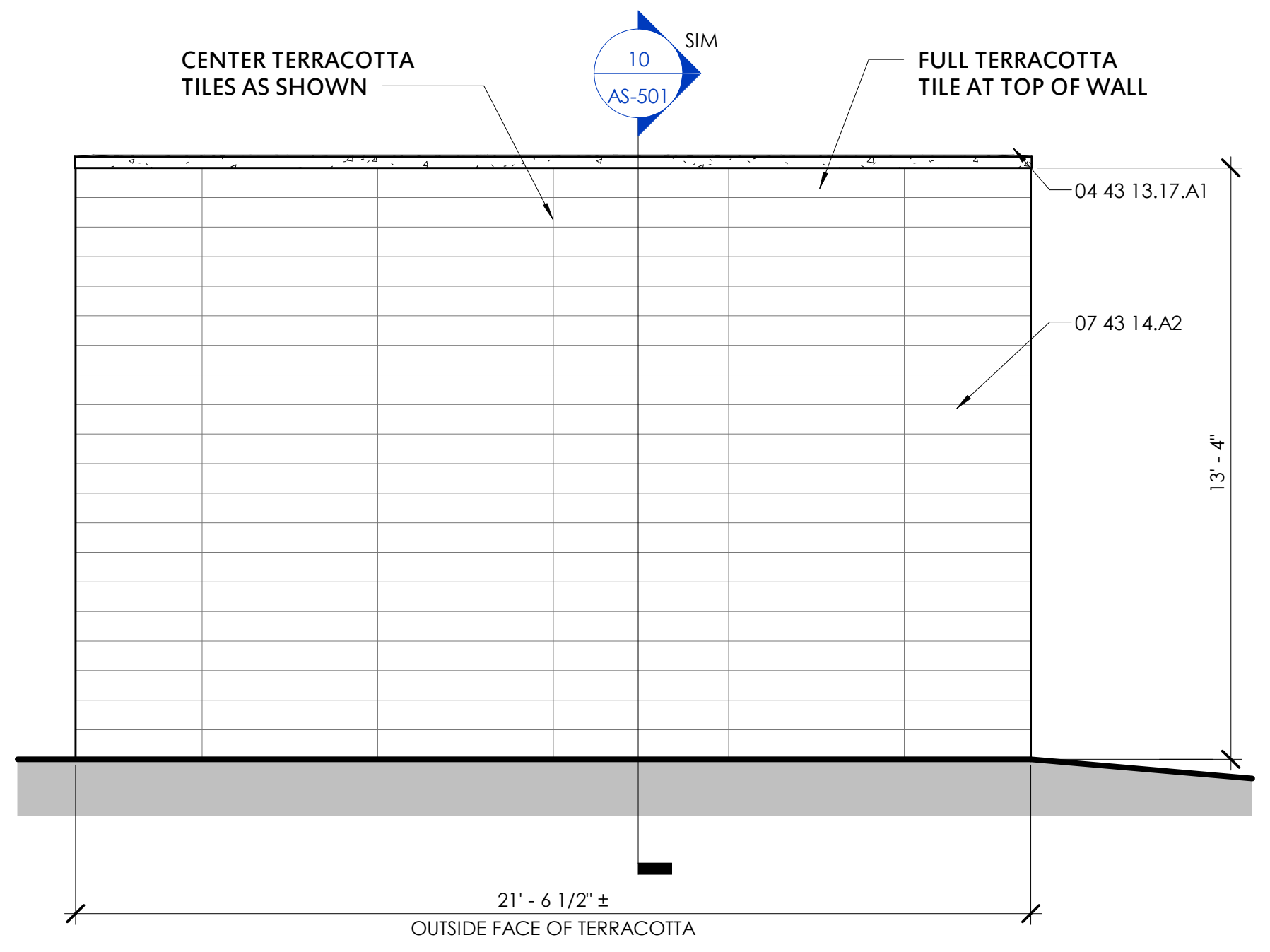
④ DUMPSTER ENCLOSURE - NORTH ELEV.

1/4" = 1'-0"



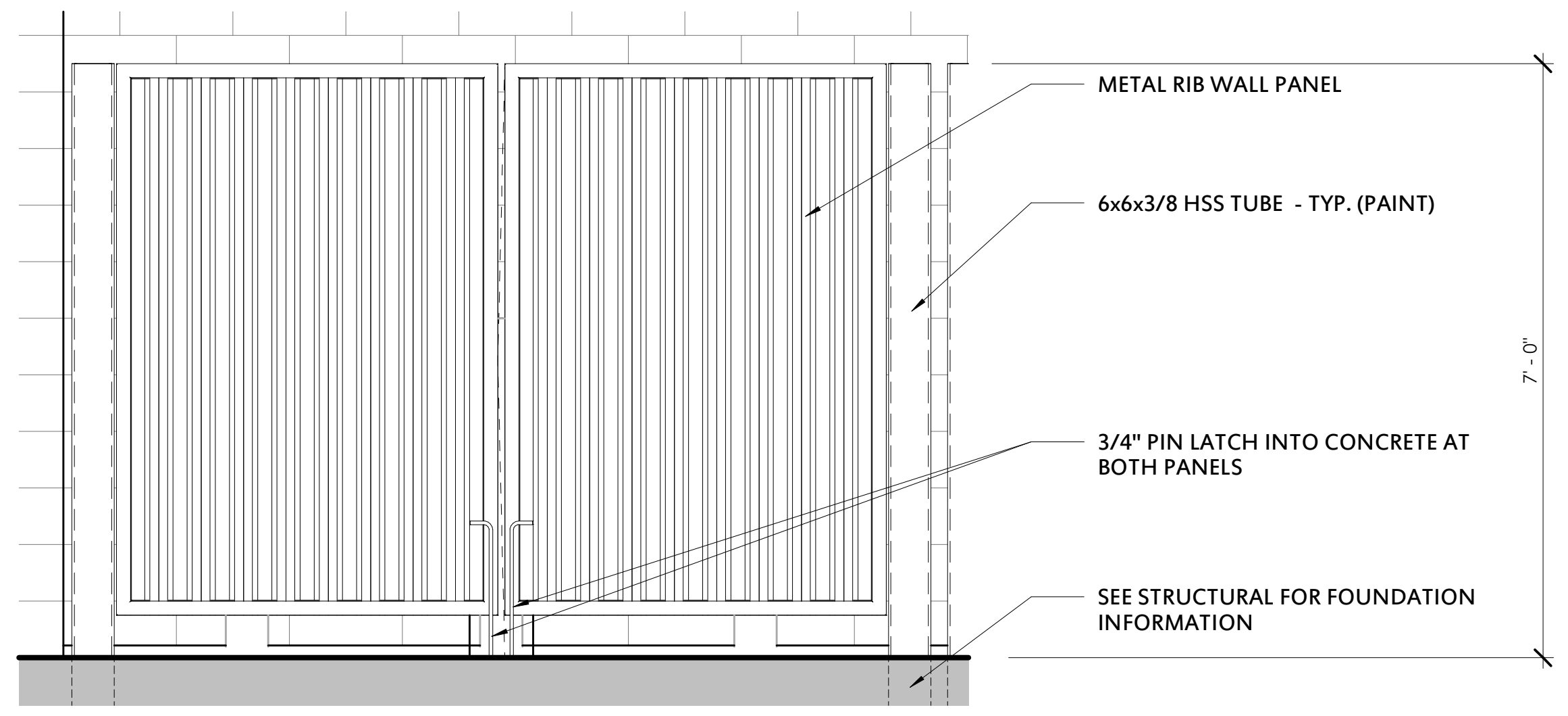
⑤ ENLARGED GENERATOR ENCLOSURE

1/4" = 1'-0"


CENTER TERRACOTTA TILES AS SHOWN
10 AS-501 SIM
FULL TERRACOTTA TILE AT TOP OF WALL
04 43 13.17.A1
07 43 14.A2
13' - 4"
21' - 6 1/2" ±
OUTSIDE FACE OF TERRACOTTA

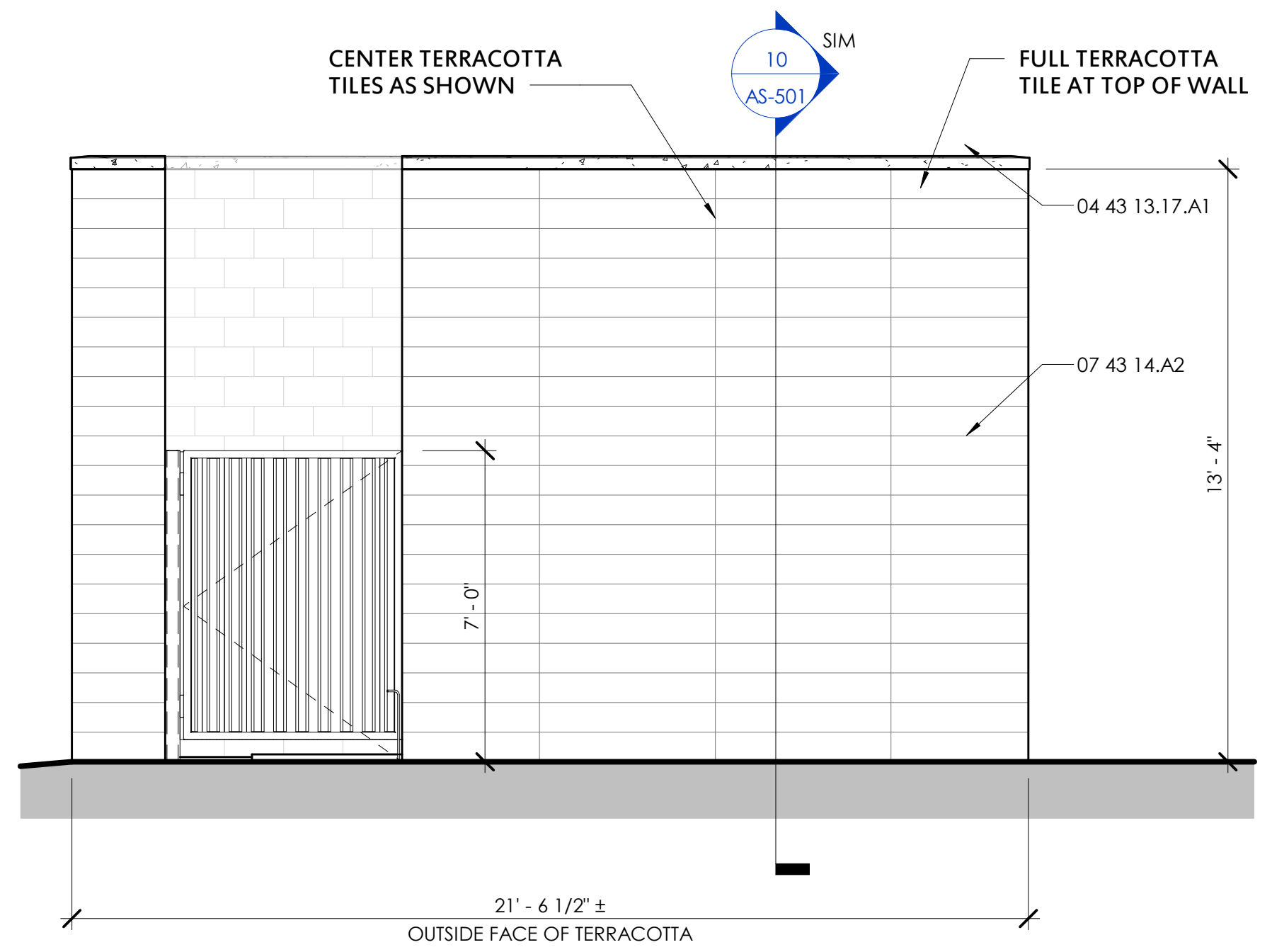
⑥ GEN. ENCLOSURE - NORTH ELEV.

1/4" = 1'-0"


METAL RIB WALL PANEL
6x6x3/8 HSS TUBE - TYP. (PAINT)
7' - 0"
3/4" PIN LATCH INTO CONCRETE AT BOTH PANELS
SEE STRUCTURAL FOR FOUNDATION INFORMATION

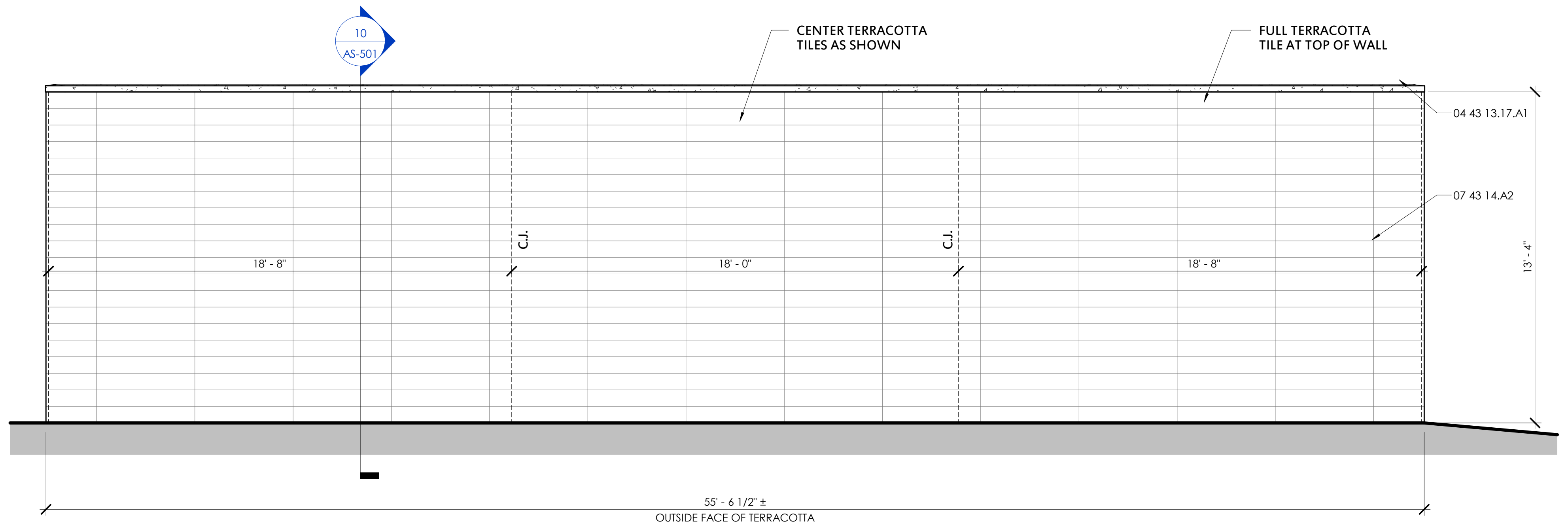
⑦ DUMPSTER ENCLOSURE GATES

1/2" = 1'-0"


CENTER TERRACOTTA TILES AS SHOWN
10 AS-501 SIM
FULL TERRACOTTA TILE AT TOP OF WALL
04 43 13.17.A1
07 43 14.A2
13' - 4"
7' - 0"
21' - 6 1/2" ±
OUTSIDE FACE OF TERRACOTTA

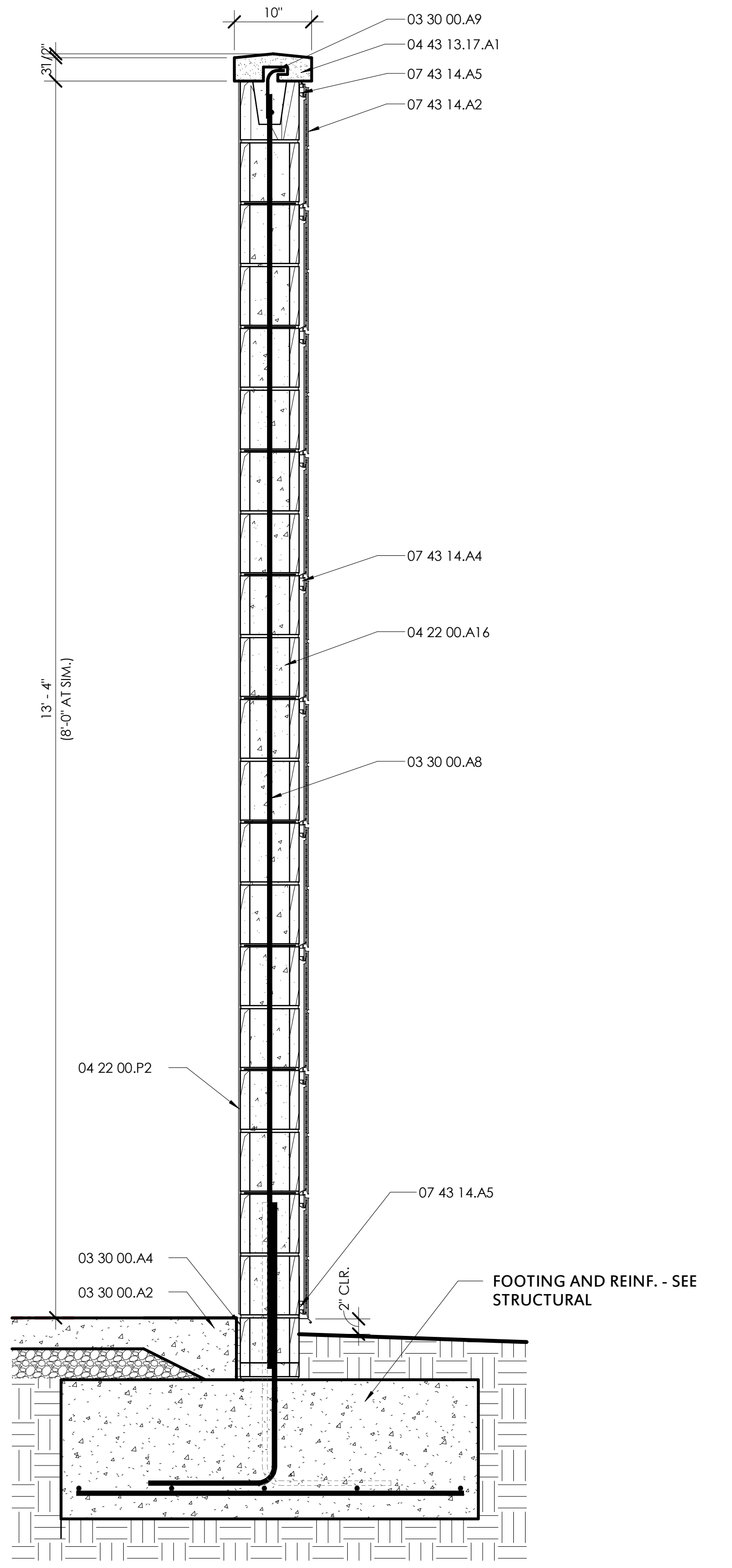
⑧ GEN. ENCLOSURE - SOUTH ELEV.

1/4" = 1'-0"


10 AS-501
CENTER TERRACOTTA TILES AS SHOWN
FULL TERRACOTTA TILE AT TOP OF WALL
04 43 13.17.A1
07 43 14.A2
C.J.
C.J.
18' - 8"
18' - 0"
18' - 8"
13' - 4"
55' - 6 1/2" ±
OUTSIDE FACE OF TERRACOTTA

⑨ GEN. ENCLOSURE - EAST ELEV.

1/4" = 1'-0"



⑩ EXTERIOR ENCLOSURE SECTION

3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00.A2	CAST-IN-PLACE CONCRETE SLAB - SEE STRUCTURE
03 30 00.A4	1/2" ASPHALT IMPREGNATED EXPANSION JOINT
03 30 00.A8	#5 BARS @ 16" O.C. VERT.
03 30 00.A9	1/2" X 6" #3 DOWELS W/ HOOK @ 16" O.C.
04 22 00.A16	8" X 8" X 16" CMU - 2 CORE
04 22 00.P2	PARGE AND PAINT EXPOSED BLOCK
04 43 13.17.A1	CAST STONE CAP
07 43 14.A2	TERRA COTTA RAINSCREEN PANEL
07 43 14.A4	TERRA COTTA HORIZONTAL INTERMEDIATE SUPPORT PROFILE - DIRECT FASTEN TO CMU WALL
07 43 14.A5	TERRA COTTA TOP AND BOTTOM SUPPORT PROFILE - DIRECT FASTEN TO CMU WALL

GENERAL ENCLOSURE NOTES

1	ENCLOSURE DOOR CONSTRUCTION, MATERIALS AND COLORS TO BE SIMILAR TO THE DOORS INSTALLED AT THE SPRINGDALE FACILITY (PROVIDE HEIGHTS AND WIDTHS SHOWN).
2	TERRACOTTA MATERIAL IS APPLIED TO OUTSIDE FACE OF ENCLOSURES ONLY. PROVIDE TERMINATION TRIM AT OPENINGS TO ENCLOSURE DOORS. INSIDE FACE OF ALL JAMBS TO BE PARGED AND PAINTED TO MATCH THE INSIDE BLOCK WITHIN THE ENCLOSURES
3	THE CAST STONE WALL CAP SHOULD BE MANUFACTURED IN MIN. 4' LENGTHS WITH SLOPE AS SHOWN. PROVIDE MITERED CORNER PIECES. DO NOT CUT AND MITER IN FIELD.
4	RAKE AND CALUK THE FIRST MASONRY JOINT AT THE BASE OF ALL ENCLOSURE WALLS.
5	PAINT CONCRETE CAPPED STEEL BOLLARDS WITHIN THE DUMPSTER ENCLOSURE WITH EPOXY PAINT TO MATCH THE BLOCK PAINT - COLOR TO BE SELECTED BY ARCHITECT.
6	DUMPSTER ENCLOSURE FLOOR IS TO SLOPE AT 1/8" PER FOOT - UNIFORM TO FRONT DOORS AS SHOWN
7	GENERATOR ENCLOSURE FLOOR IS TO SLOPE 1/8" PER FOOT AS SHOWN TO FLOOR DRAINS PROVIDE - SEE CIVIL ENGINEERING DRAWINGS FOR TIE IN TO AREA DRAINAGE STRUCTURES
8	PROVIDE VERTICAL CONTROL JOINTS IN BLOCKWORK AT EAST AND WEST ELEVATIONS OF THE GENERATOR ENCLOSURE AS SHOWN.

2

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PINNACLE HILLS

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Key Plan

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No. C-698
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MISC. SITE DETAILS

09/01/26

1

AS-501

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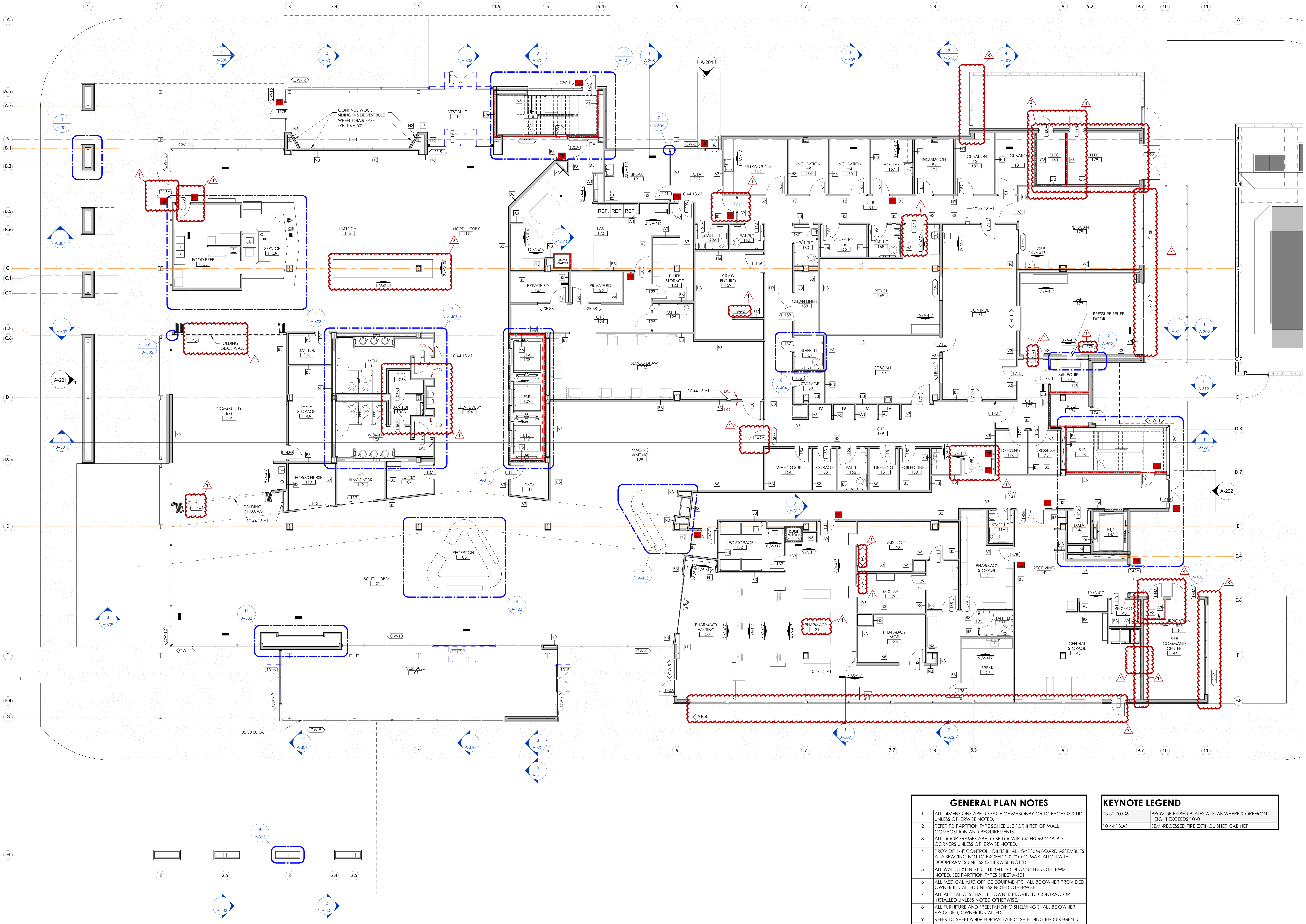

1ST FLOOR REFERENCE PLAN

1/8" = 1'-0"

GENERAL PLAN NOTES

1	ALL DIMENSIONS ARE TO FACE OF MASONRY OR TO FACE OF STUD UNLESS OTHERWISE NOTED.
2	REFER TO PARTITION TYPE SCHEDULE FOR INTERIOR WALL COMPOSITION AND REQUIREMENTS.
3	ALL DOOR FRAMES ARE TO BE LOCATED 4" FROM GYP. BD. CORNERS UNLESS OTHERWISE NOTED.
4	PROVIDE 1/4" CONTROL JOINTS IN ALL GYPSUM BOARD ASSEMBLIES AT A SPACING NOT TO EXCEED 20'-0" O.C. MAX. ALIGN WITH DOORFRAMES UNLESS OTHERWISE NOTED.
5	ALL WALLS EXTEND FULL HEIGHT TO DECK UNLESS OTHERWISE NOTED. SEE PARTITION TYPES SHEET A-501
6	ALL MEDICAL AND OFFICE EQUIPMENT SHALL BE OWNER PROVIDED, OWNER INSTALLED UNLESS NOTED OTHERWISE.
7	ALL APPLIANCES SHALL BE OWNER PROVIDED, CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE.
8	ALL FURNITURE AND FREESTANDING SHELVING SHALL BE OWNER PROVIDED, OWNER INSTALLED.
9	REFER TO SHEET A-406 FOR RADIATION SHIELDING REQUIREMENTS
10	PROVIDE BLOCKING FOR ALL WALL MOUNTED MILLWORK, EQUIPMENT, AND OTHER ITEMS SHOWN

KEYNOTE LEGEND

05 50 00.G6	PROVIDE EMBED PLATES AT SLAB WHERE STOREFRONT HEIGHT EXCEEDS 10'-0"
10 44 13.A1	SEMI-RECESSED FIRE EXTINGUISHER CABINET

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HIGHLANDS
ONCOLOGY

HIGHLANDS BUILDING AT PINNACLE HILLS

SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key Plan

No.	Description	Date
1	ADDENDUM 02	01/16/26
2	P.R. #01	07/02/26
3	PLAN REVIEW COMMENTS	07/22/26
4	P.R. #03	08/28/26

PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
QC DATE:

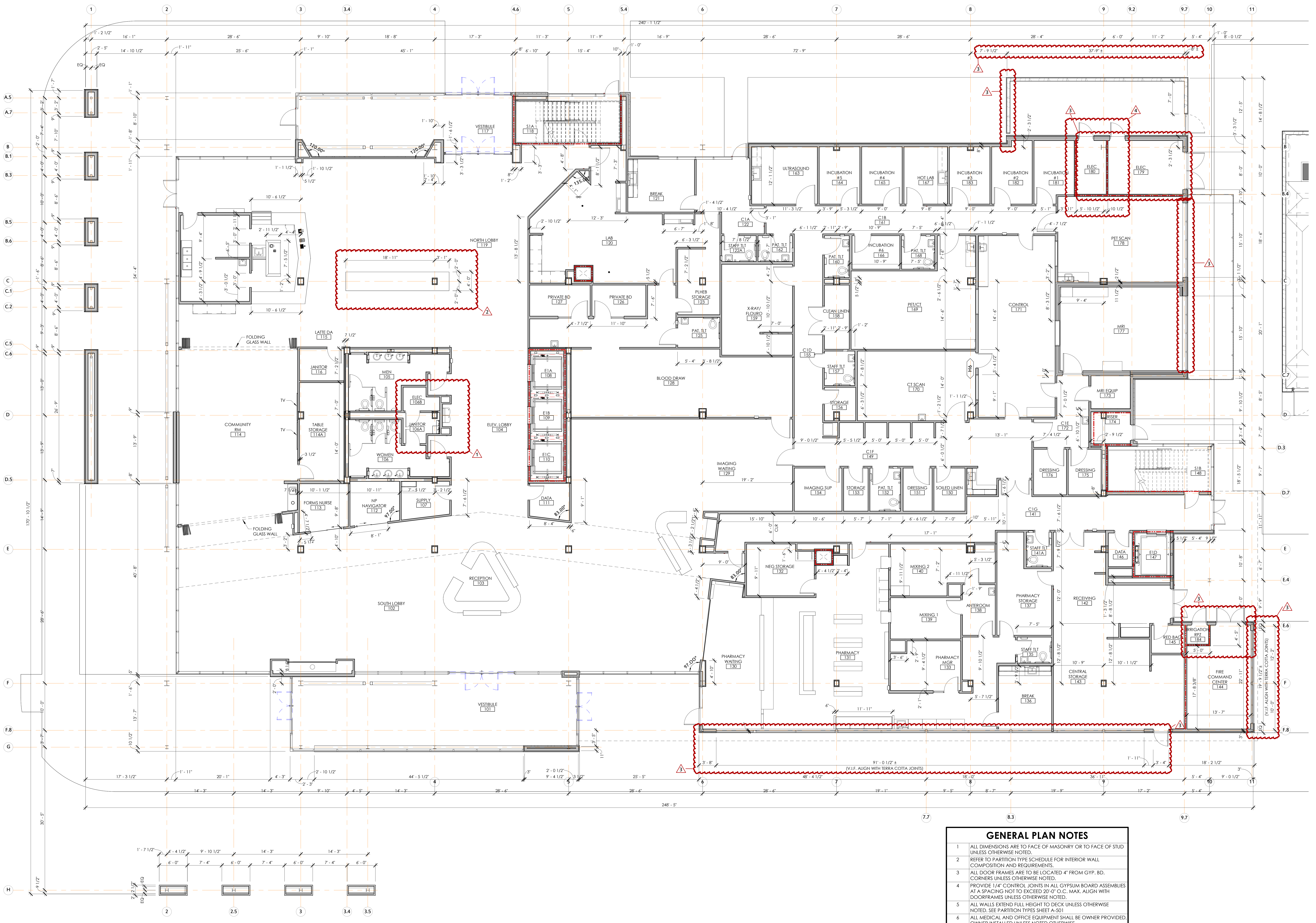
No. C-698

CONSTRUCTION DOCUMENTS

1ST FLOOR REFERENCE PLAN

09/01/26

A-101



1 1ST FLOOR DIMENSION PLAN

1/8" = 1'-0"

GENERAL PLAN NOTES

1	ALL DIMENSIONS ARE TO FACE OF MASONRY OR TO FACE OF STUD UNLESS OTHERWISE NOTED.
2	REFER TO PARTITION TYPE SCHEDULE FOR INTERIOR WALL COMPOSITION AND REQUIREMENTS.
3	ALL DOOR FRAMES ARE TO BE LOCATED 4" FROM GYP. BD. CORNERS UNLESS OTHERWISE NOTED.
4	PROVIDE 1/4" CONTROL JOINTS IN ALL GYPSUM BOARD ASSEMBLIES AT A SPACING NOT TO EXCEED 20'-0" O.C. MAX. ALIGN WITH DOORFRAMES UNLESS OTHERWISE NOTED.
5	ALL WALLS EXTEND FULL HEIGHT TO DECK UNLESS OTHERWISE NOTED. SEE PARTITION TYPES SHEET A-501
6	ALL MEDICAL AND OFFICE EQUIPMENT SHALL BE OWNER PROVIDED, OWNER INSTALLED UNLESS NOTED OTHERWISE.
7	ALL APPLIANCES SHALL BE OWNER PROVIDED, CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE.
8	ALL FURNITURE AND FREESTANDING SHELVING SHALL BE OWNER PROVIDED, OWNER INSTALLED.
9	REFER TO SHEET A-406 FOR RADIATION SHIELDING REQUIREMENTS
10	PROVIDE BLOCKING FOR ALL WALL MOUNTED MILLWORK, EQUIPMENT, AND OTHER ITEMS SHOWN

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1ST FLOOR DIMENSION
PLAN

A-102

KEYNOTE LEGEND

12 24 13.A7	NON-POWER ROLLER SHADE WITH CHAIN REMOVED, FIXING SHADE IN LOWERED POSITION. MOUNT SHADE ADJACENT TO FACE OF STOREFRONT.

3

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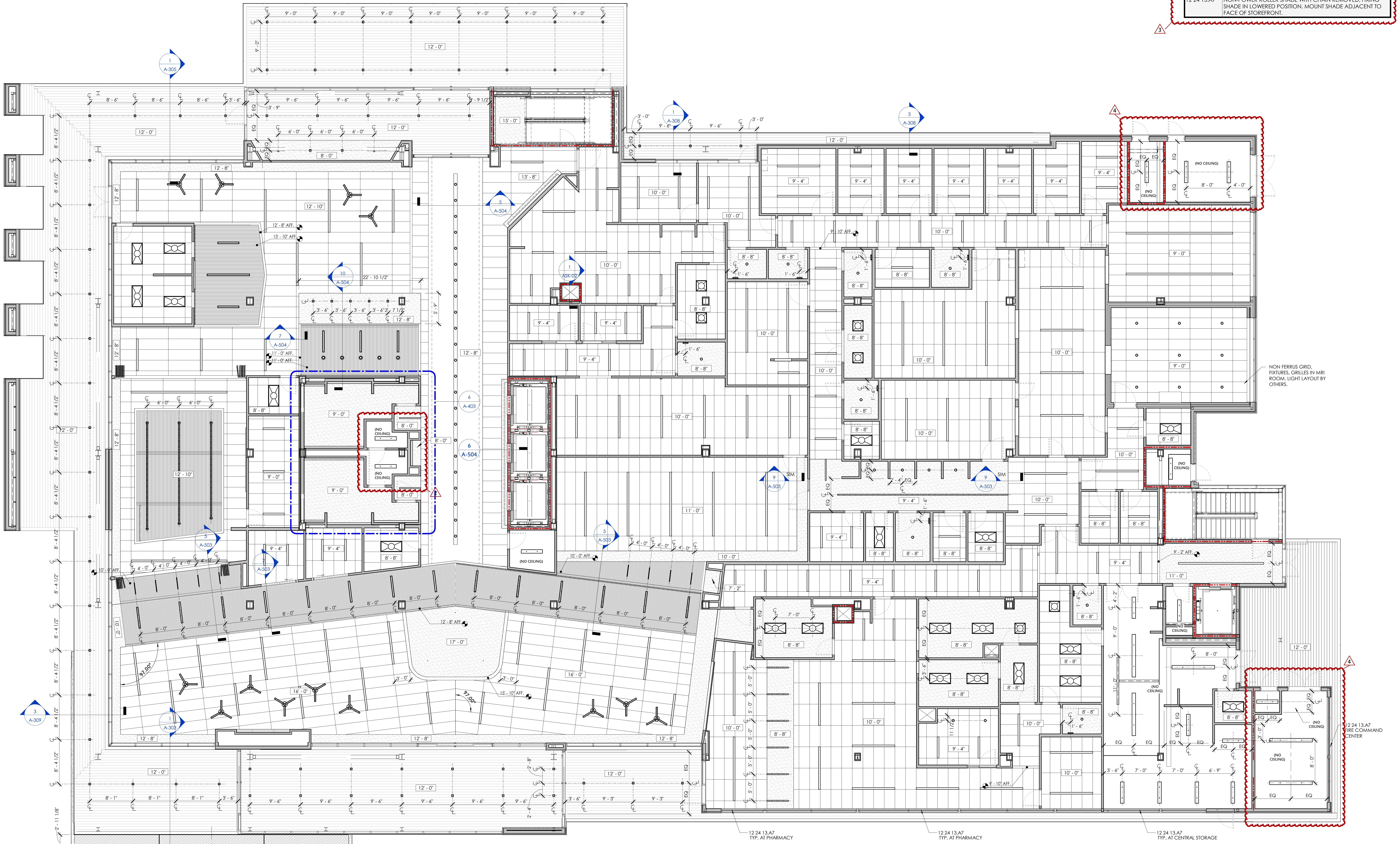
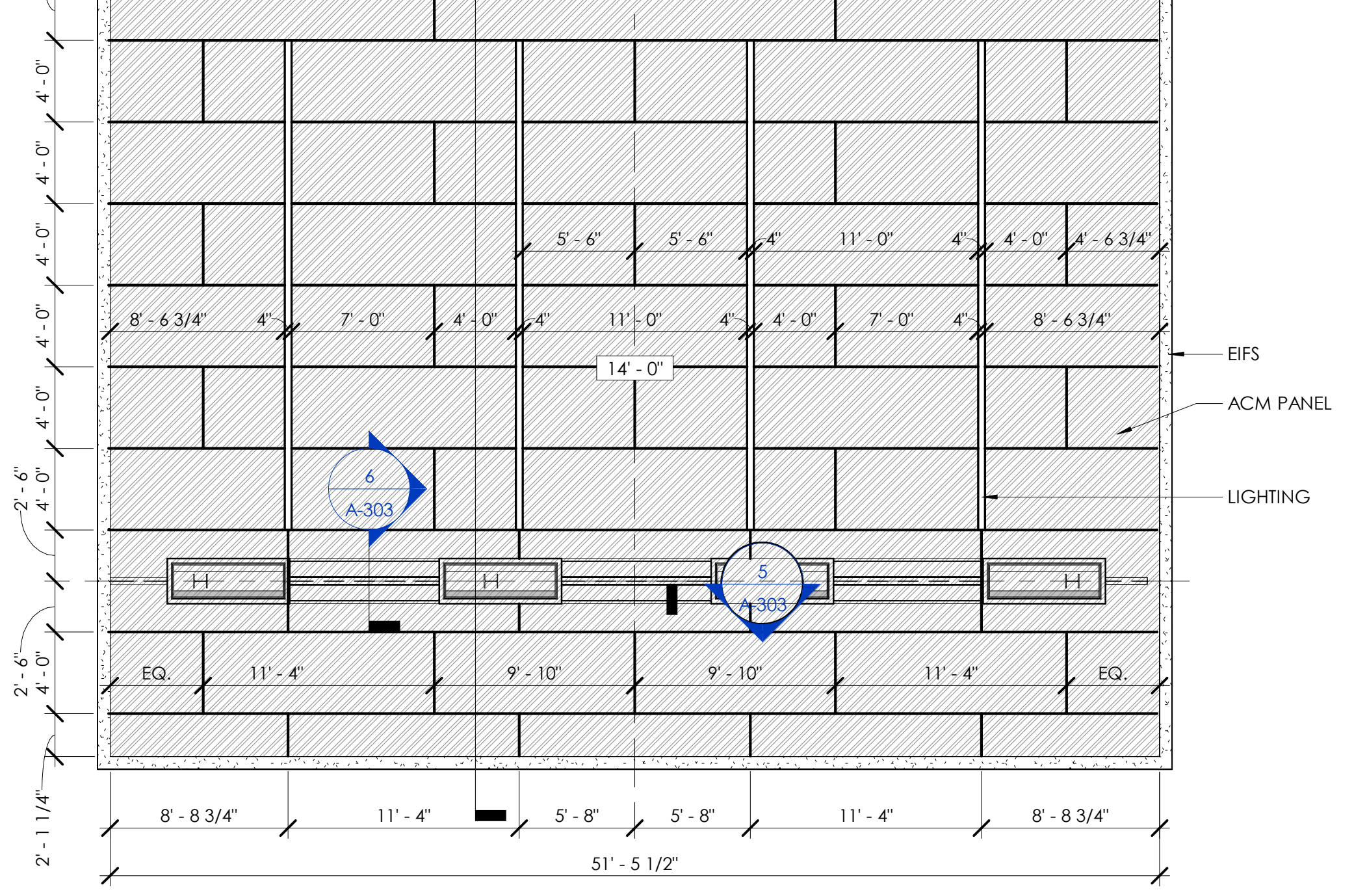


NON FERRUS GRID, FIXTURES, GRILLES IN MRI ROOM. LIGHT LAYOUT BY OTHERS.
12 24 13.A7 FIRE COMMAND CENTER
12 24 13.A7 TYP. AT PHARMACY
12 24 13.A7 TYP. AT PHARMACY
12 24 13.A7 TYP. AT CENTRAL STORAGE
(NO CEILING)
12' - 0"
4



REFLECTED CEILING PLAN LEGEND:

☐	NO CEILING THIS AREA	▭	LINEAR DIFFUSER	⧄	2x4 LED TROFFER
░	EIFS	⊠	SUPPLY AIR DIFFUSER	⊟	2x2 LED FIXTURE
▨	METAL SOFFIT	⧄	RETURN AIR DIFFUSER	▭	LINEAR LED FIXTURES
░	GYPSUM BOARD	⧄	EXHAUST FAN	○	RECESSED CAN LIGHTS
▤	WOOD SOFFIT	⊗ ⊗	EXIT LIGHTS	Y	PENDANT LIGHT
▤	WOOD GRILLE SYSTEM				
◫	ACM SOFFIT PANEL				

GENERAL RCP NOTES

1	ALL LIGHT FIXTURES AND HVAC GRILLES HAVE BEEN SHOWN FOR COORDINATION PURPOSES ONLY. RE: MECHANICAL AND ELECTRICAL PLANS FOR SPECIFIC LOCATIONS/ REQUIREMENTS. ANY DESCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
2	PAINT ALL EXPOSED STRUCTURE, PIPING, SPRINKLER PIPING, AND DUCTWORK WHERE EXPOSED
3	SPRINKLER HEADS ARE TO BE CENTERED IN CEILING TILES. WHERE SPRINKLER HEADS ARE INSTALLED IN GYPSUM BOARD CEILINGS, THEY SHALL BE ALIGNED WITH EACH OTHER AND SPACED AS DIRECTED BY ARCHITECT.
4	COORDINATE CEILING ACCESS PANELS WITH LIGHTING FIXTURES AND OTHER CEILING MOUNTED DEVICES AND EQUIPMENT.

1

1 FIRST FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

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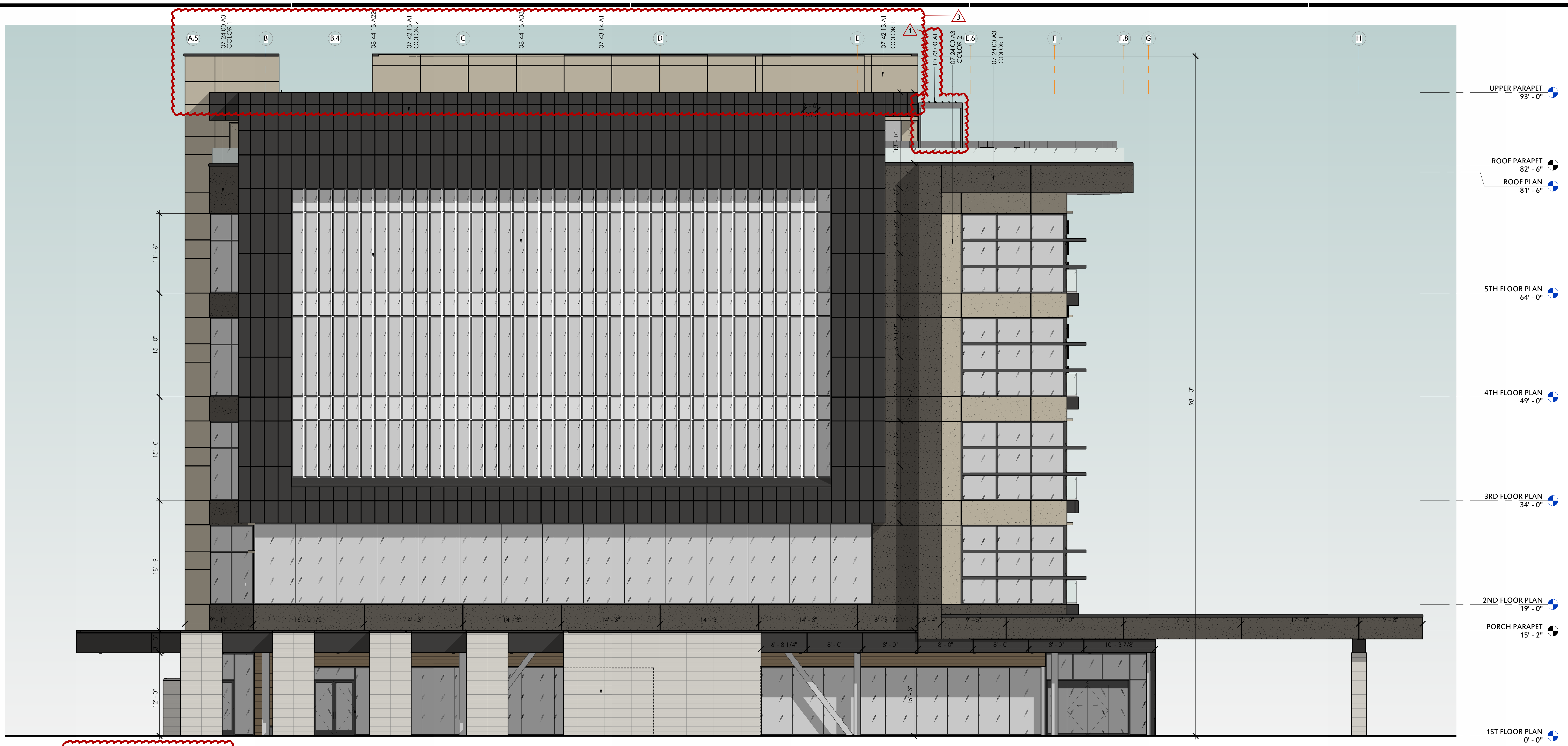
ARKANSAS

CONSTRUCTION DOCUMENTS

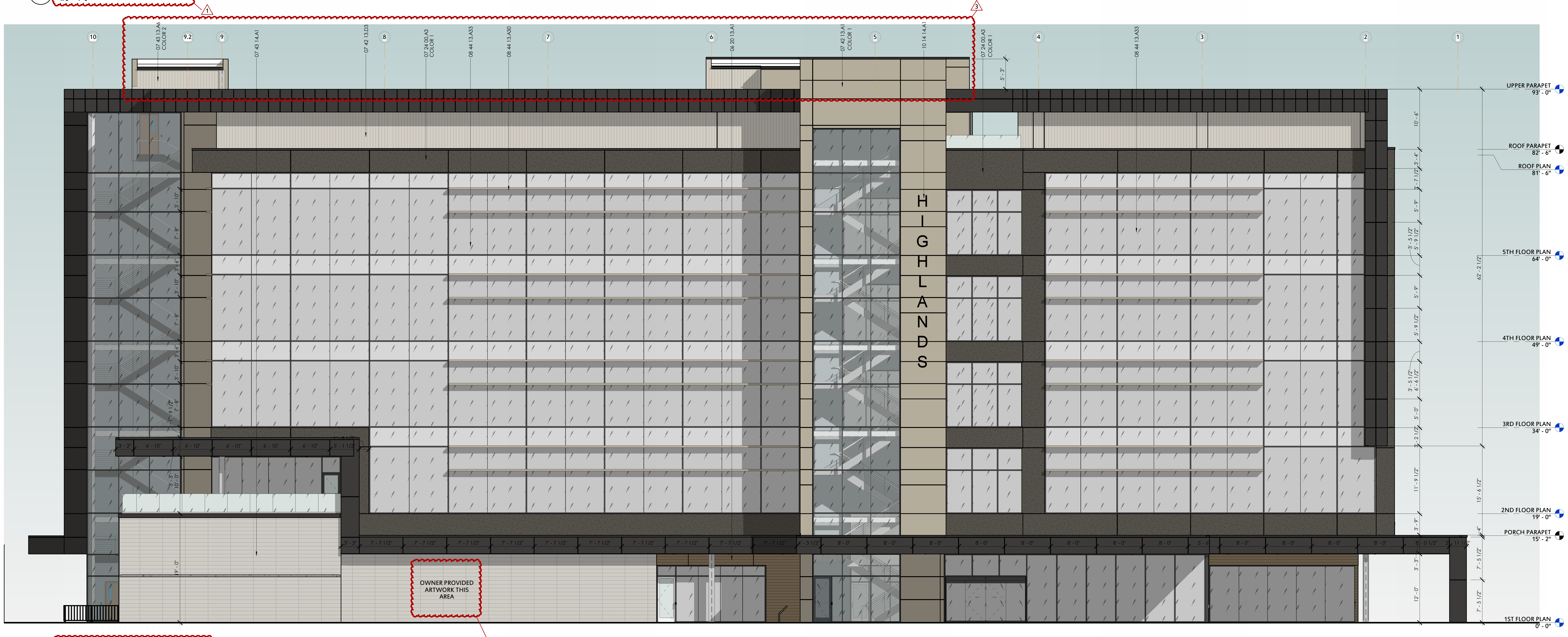
1ST FLOOR REFLECTED CEILING PLAN

09/01/26

A-114



① WEST ELEVATION
1/8" = 1'-0"
1



② NORTH ELEVATION
1/8" = 1'-0"
1

KEYNOTE LEGEND

06 20 13.A1	1X8 TONGUE AND GROOVE, RUNNING PARALLEL WITH STOREFRONT
07 24 00.A3	EIFS ON 2" INSULATION BOARD
07 42 13.A1	ALUMINUM COMPOSITE MATERIAL (ACM) METAL PANEL
07 42 13.D3	DEEP PROFILE METAL PANEL, RIBS RUNNING VERTICALLY
07 43 13.A6	METAL LINER PANELS
07 43 14.A1	TERRA COTTA RAINSCREEN PANEL AND SUBFRAME
08 44 13.A22	VERTICAL ALUMINUM CUSTOM CURTAIN WALL BLADE AT 35 DEGREES
08 44 13.A30	ALUMINUM CURTAIN WALL HORIZONTAL MULLION AND DEEP COVER
08 44 13.A33	ALUMINUM CURTAIN WALL SYSTEM
10 14 14.A1	EXTERIOR SIGNAGE - SEE SPEC
10 73 00.A1	ALBA LOUVERED ROOF PERGOLA BY CORRADI USA

1

MATERIAL LEGEND

▨	TERRA COTTA PANELS
▨	METAL PANEL (COLOR 1)
▨	METAL PANEL (COLOR 2)
▨	CURTAIN WALL VISION GLASS SPANDREL GLASS
▨	CURTAIN WALL VISION GLASS AT STAIRS & BALCONIES SPANDREL GLASS AT BALCONIES
▨	EIFS (COLOR 1)
▨	EIFS (COLOR 2)
▨	TONGUE AND GROOVE WOOD SIDING
▨	VERTICAL DEEP PROFILE METAL PANELS

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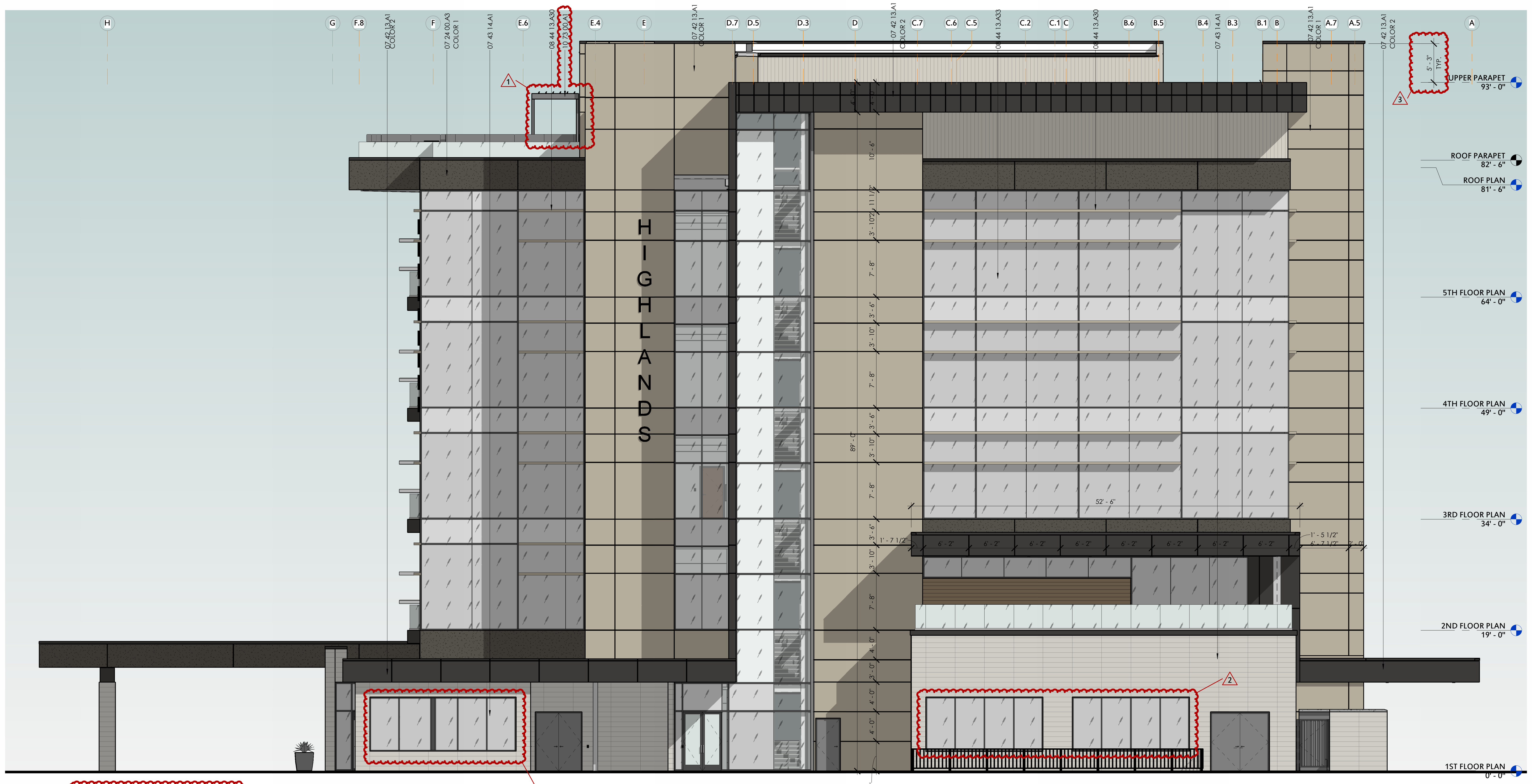
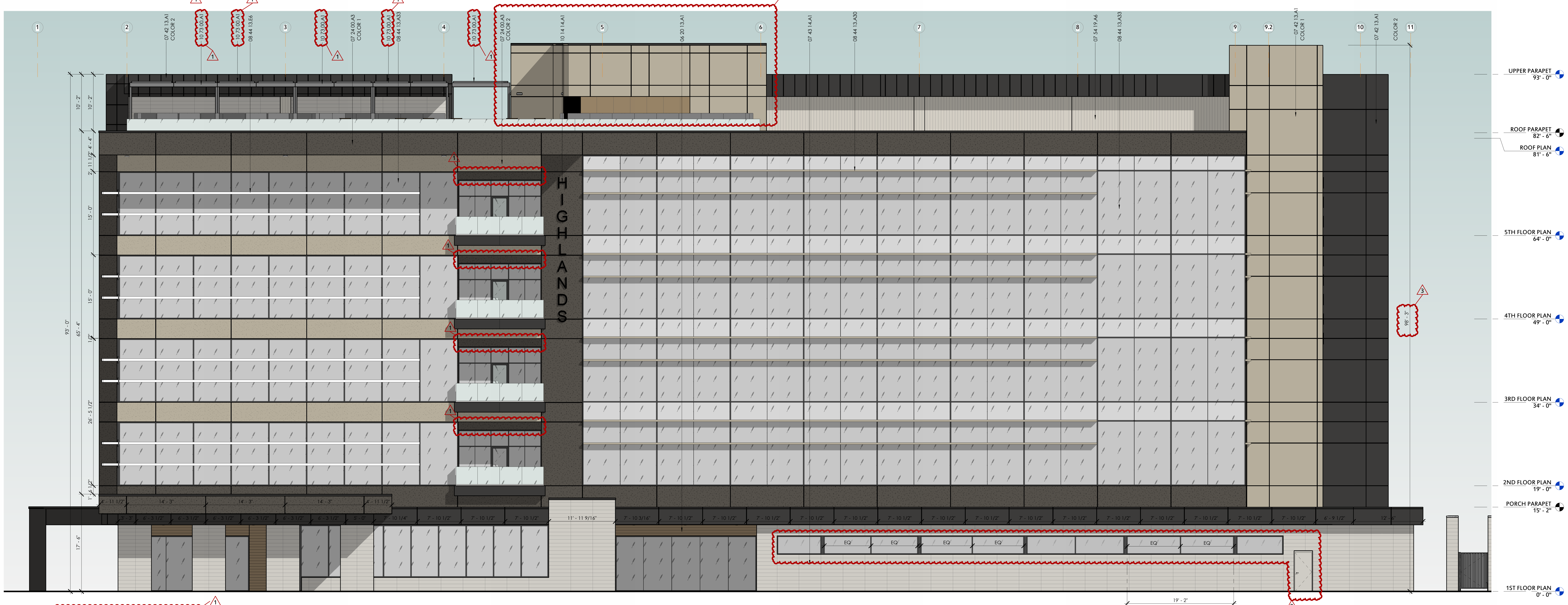
EXTERIOR ELEVATIONS

A-201



1 EAST ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION
1/8" = 1'-0"

KEYNOTE LEGEND

06 20 13.A1	1X8 TONGUE AND GROOVE, RUNNING PARALLEL WITH STOREFRONT
07 24 00.A3	EIFS ON 2" INSULATION BOARD
07 42 13.A1	ALUMINUM COMPOSITE MATERIAL (ACM) METAL PANEL
07 43 14.A1	TERRA COTTA RAINSCREEN PANEL AND SUBFRAME
07 54 19.A6	PVC MEMBRANE; LAP TOP OF PARAPET, OVER NAILING STRIP AND REINFORCE INSIDE CORNER OF ROOF
08 44 13.A30	ALUMINUM CURTAIN WALL HORIZONTAL MULLION AND DEEP COVER
08 44 13.A33	ALUMINUM CURTAIN WALL SYSTEM
08 44 13.E6	HORIZONTAL SUN SHADE
10 14 14.A1	EXTERIOR SIGNAGE - SEE SPEC
10 73 00.A1	ALBA LOUVERED ROOF PERGOLA BY CORRADI USA

1

MATERIAL LEGEND

▨	TERRA COTTA PANELS
▨	METAL PANEL (COLOR 1)
▨	METAL PANEL (COLOR 2)
▨	CURTAIN WALL VISION GLASS SPANDREL GLASS
▨	CURTAIN WALL VISION GLASS AT STAIRS & BALCONIES SPANDREL GLASS AT BALCONIES
▨	EIFS (COLOR 1)
▨	EIFS (COLOR 2)
▨	TONGUE AND GROOVE WOOD SIDING
▨	VERTICAL DEEP PROFILE METAL PANELS

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EXTERIOR ELEVATIONS

A-202

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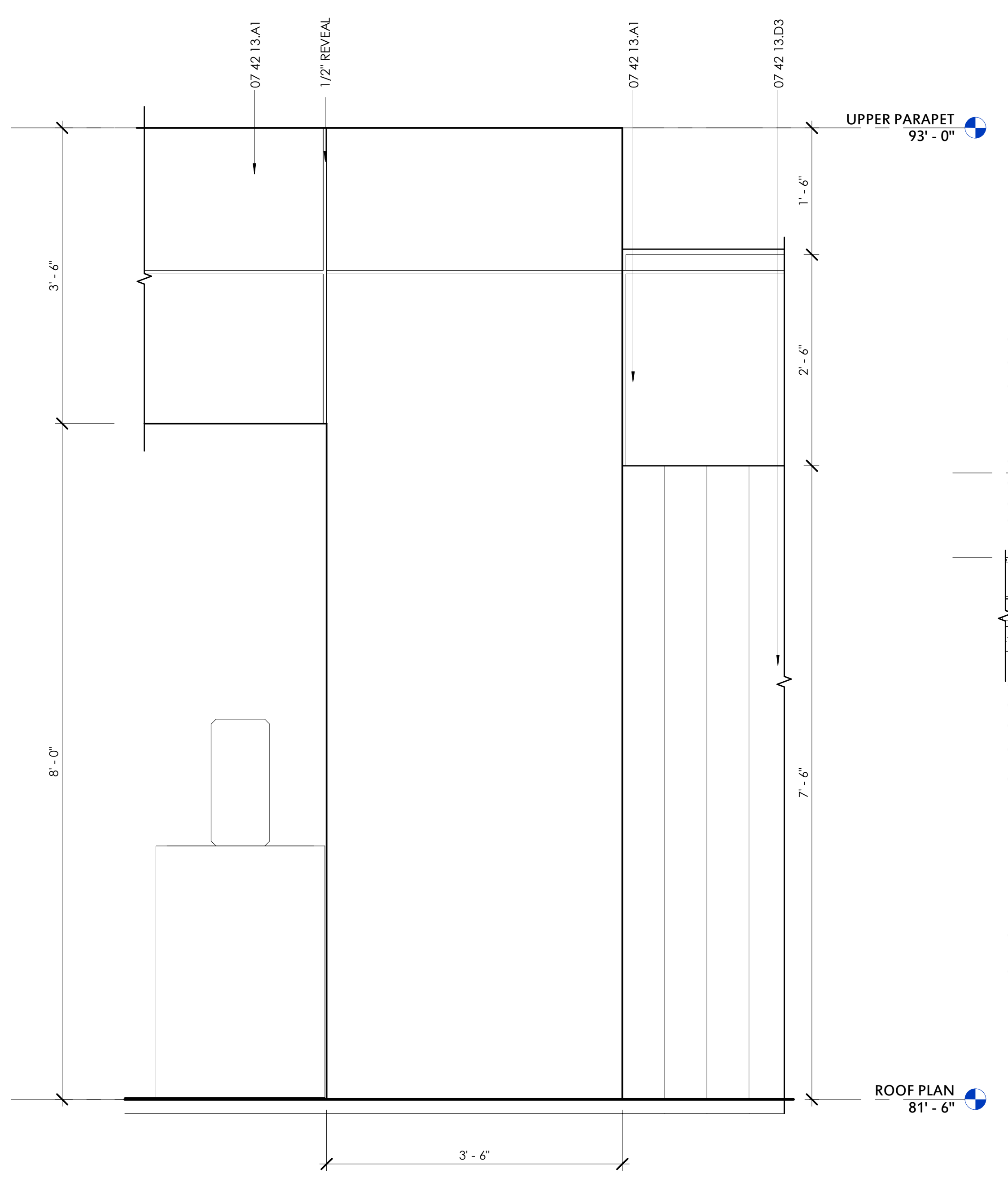
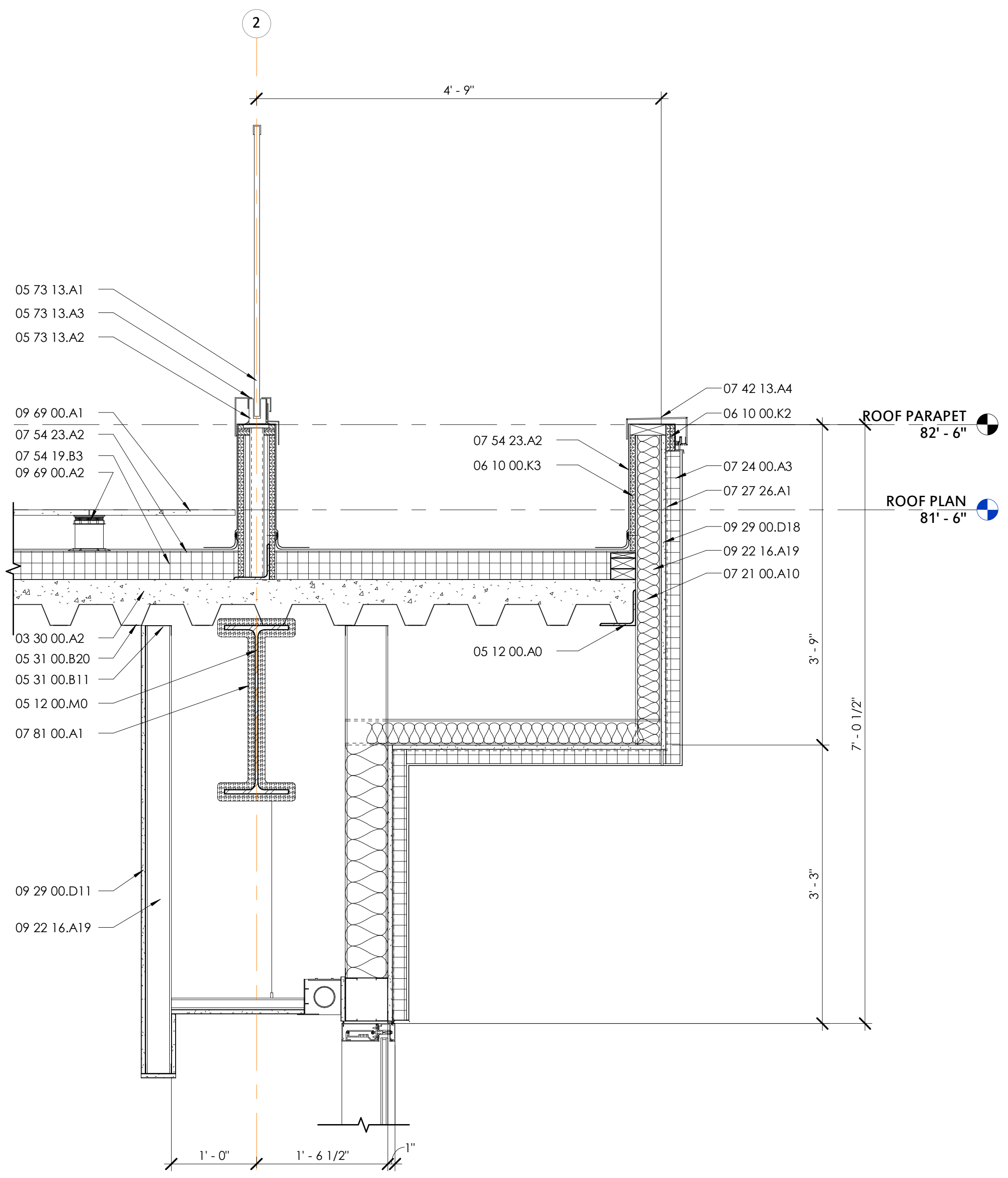


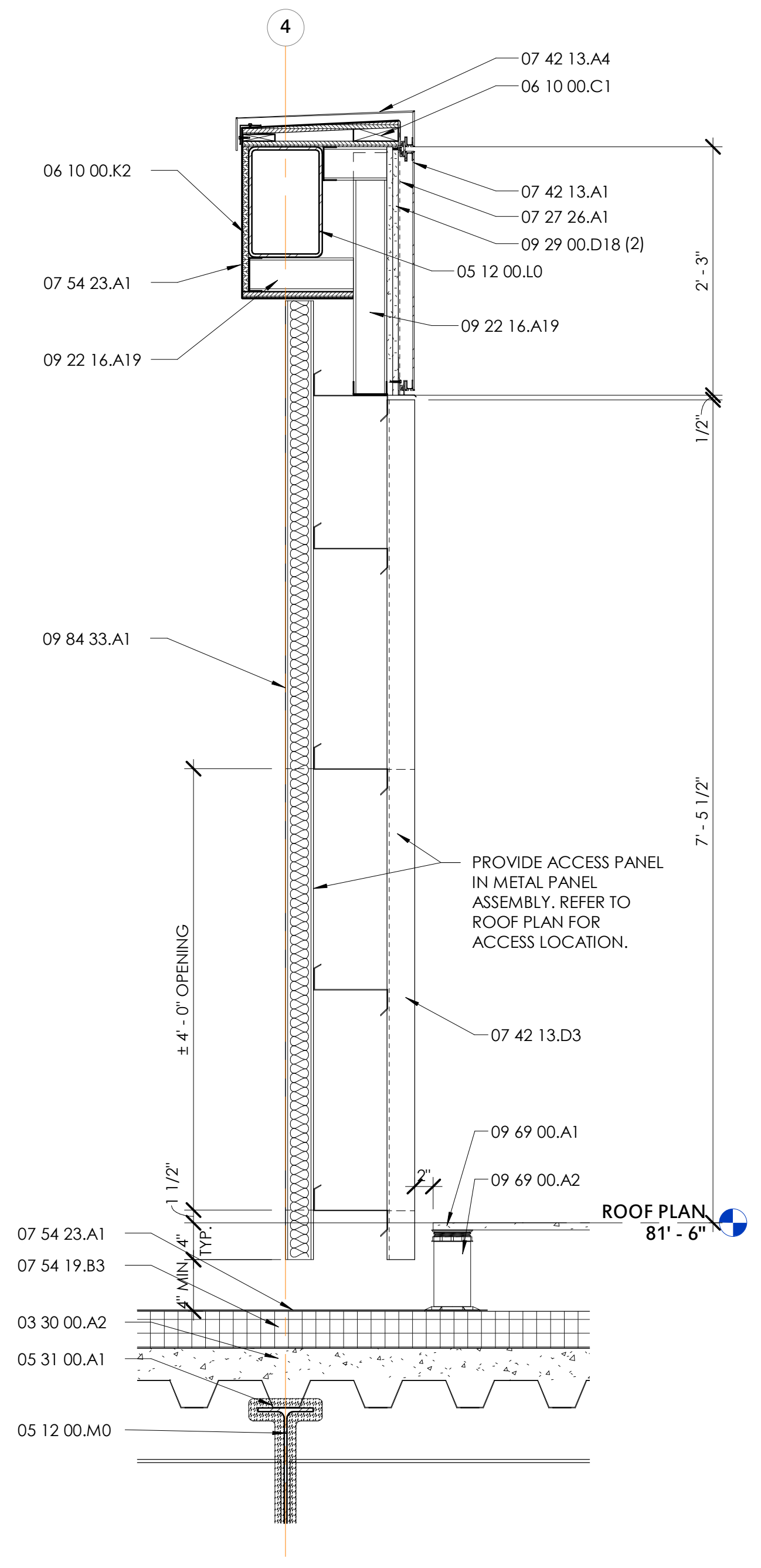
4 ENLARGED ELEVATION AT ROOF TOP SEATING

3/4" = 1'-0"



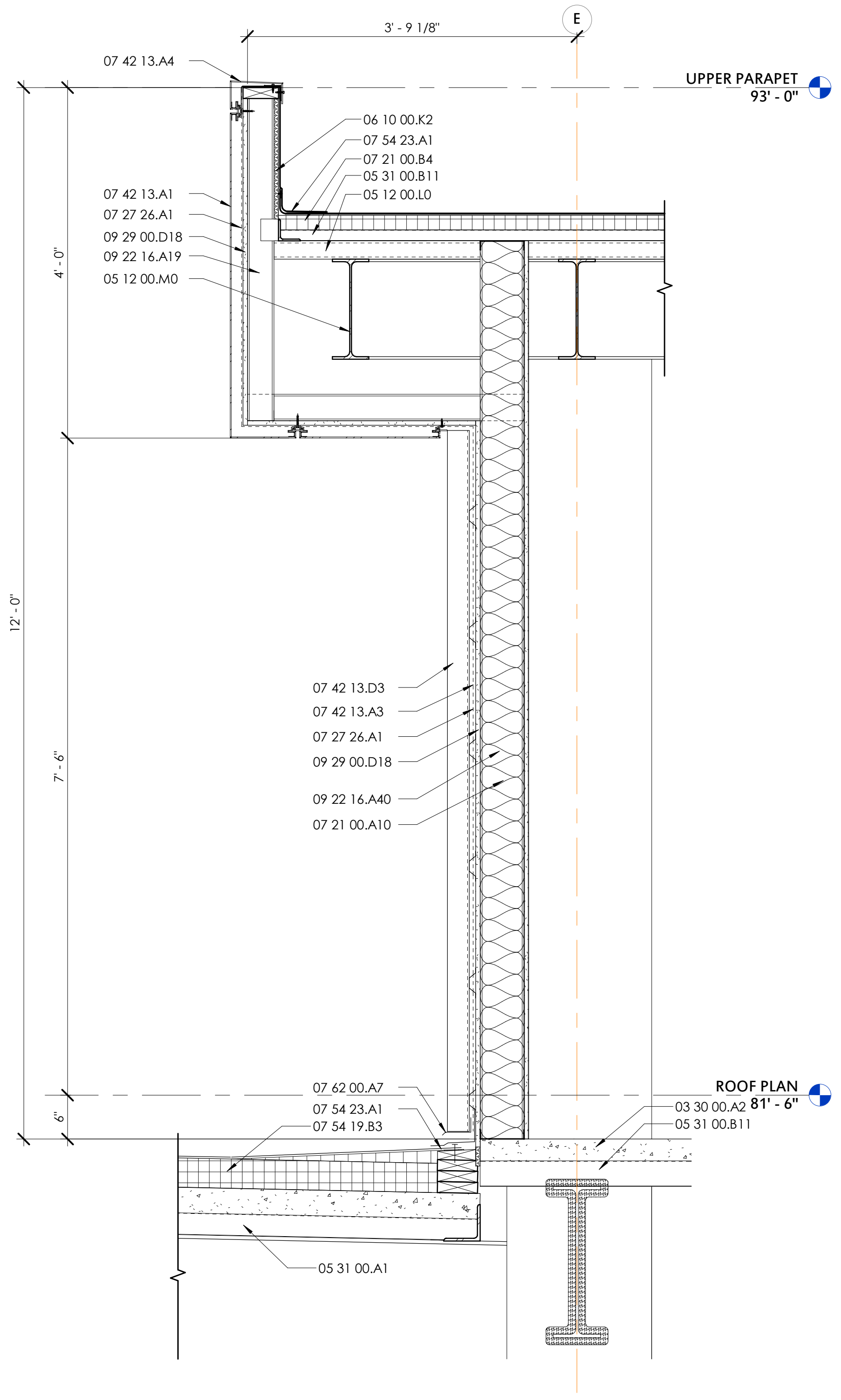
5 WALL SECTION DETAIL

3/4" = 1'-0"



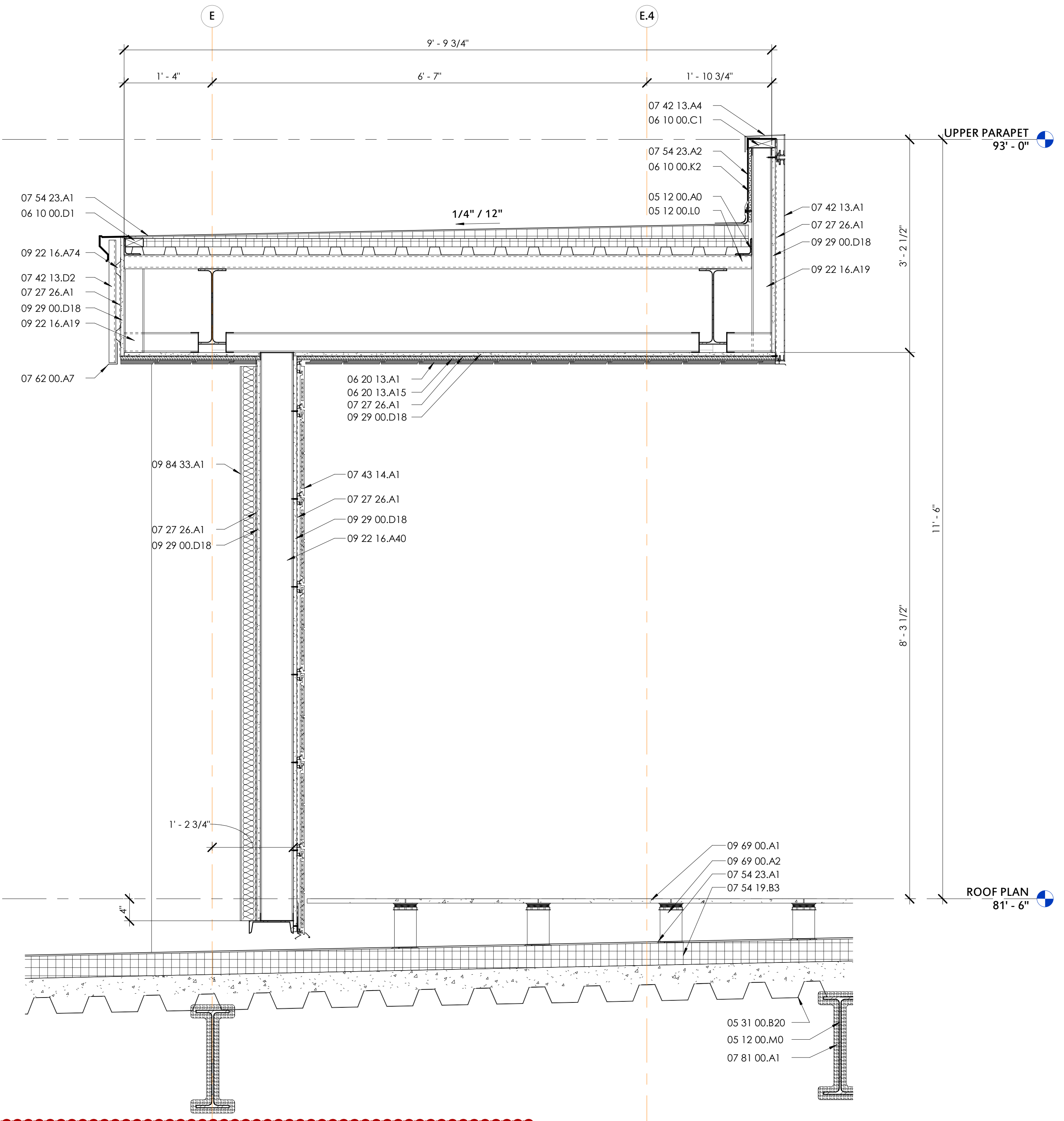
6 SECTION THROUGH MECH. SCREEN

3/4" = 1'-0"



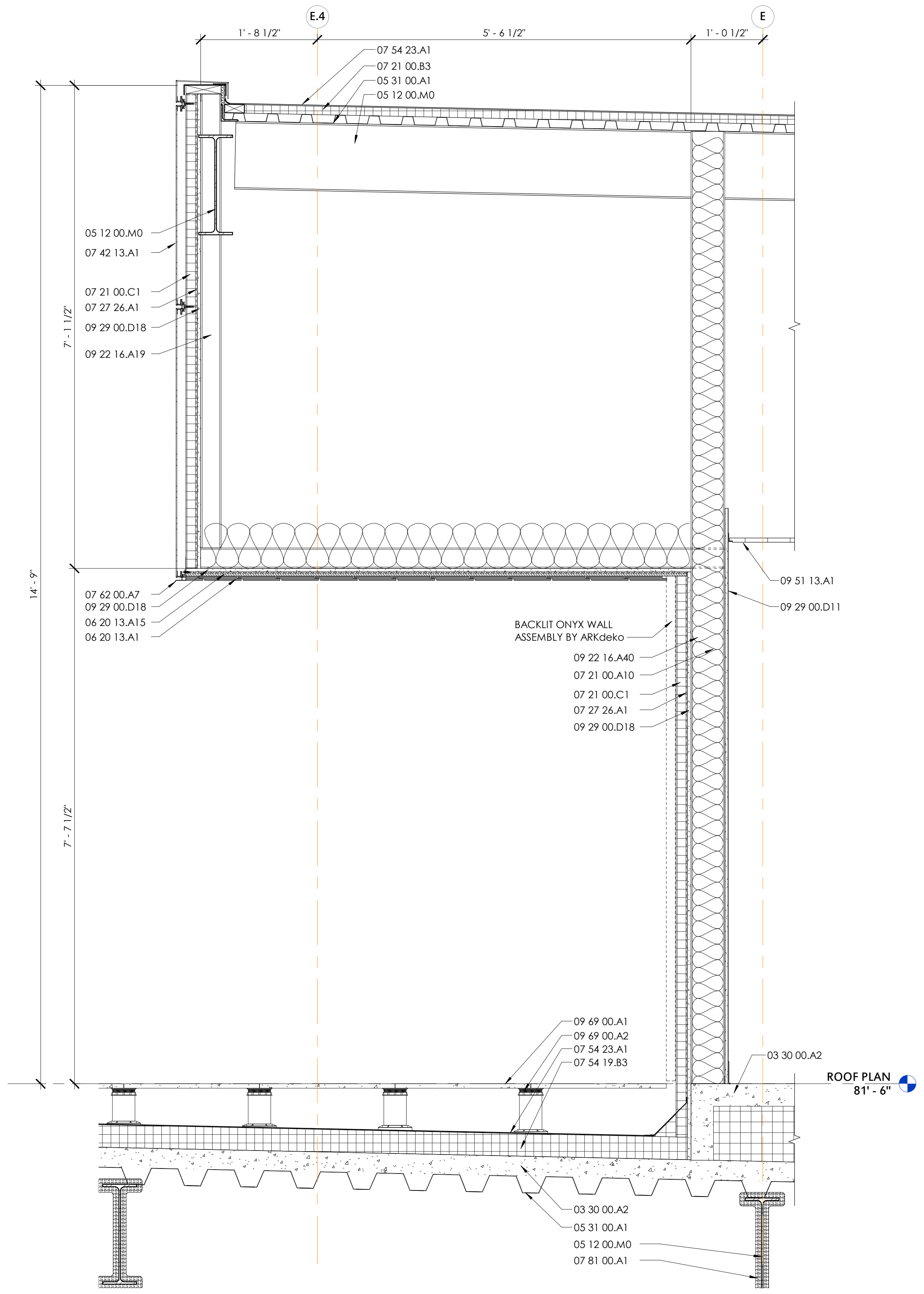
7 WALL SECTION THROUGH MECH. PENTHOUSE

3/4" = 1'-0"



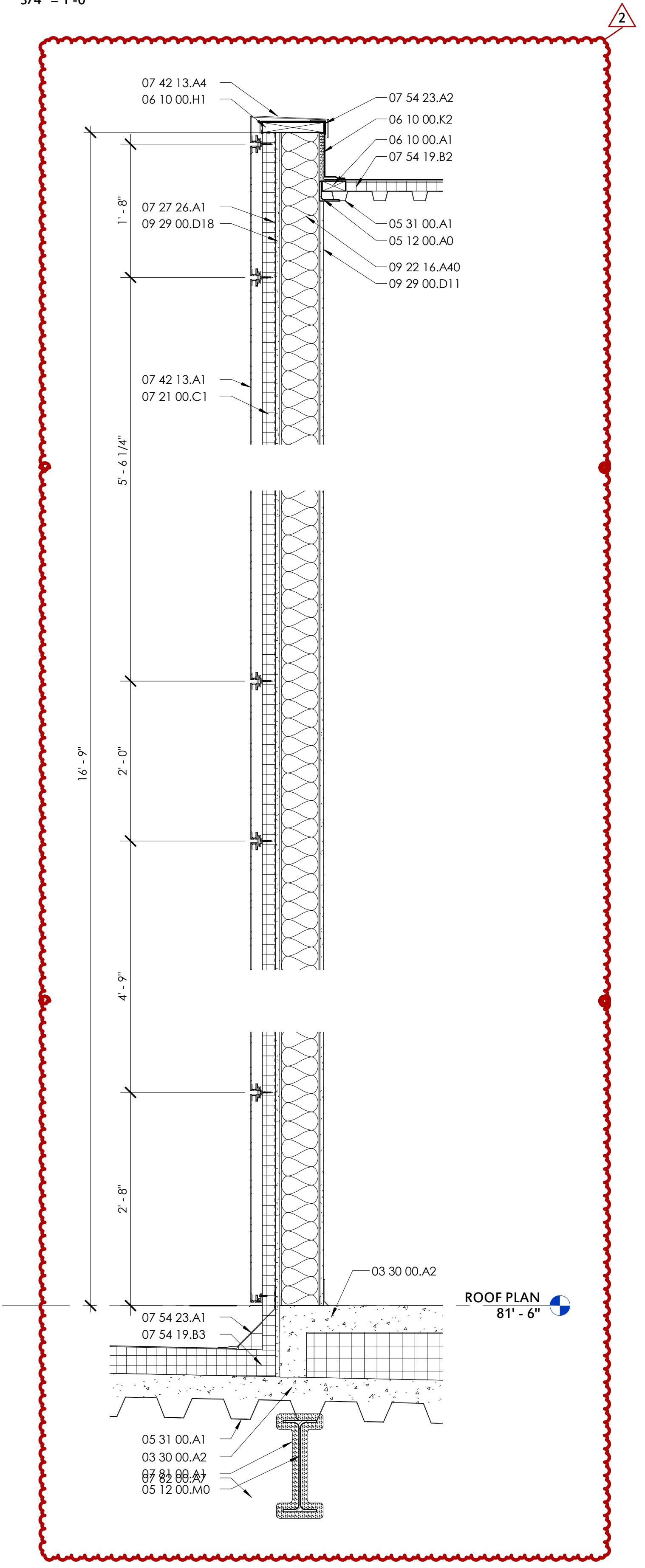
1 ROOF TERRACE SEATING CANOPY

3/4" = 1'-0"



2 WALL SECTION THROUGH ONYX WALL

3/4" = 1'-0"



3 WALL SECTION AT ROOF TERRACE

3/4" = 1'-0"

KEYNOTE LEGEND

03 30 00.A2	CAST-IN-PLACE CONCRETE SLAB - SEE STRUCTURE
05 12 00.A0	STEEL ANGLE. RE: STRUCTURAL DWGS
05 12 00.L0	HSS TUBE. RE: STRUCTURAL DWGS.
05 12 00.M0	WIDE FLANGE BEAM/ COLUMN. RE: STRUCTURAL DWGS.
05 31 00.A1	STEEL DECKING (RE: STRUCT.)
05 31 00.B11	1.5 NC 20 METAL DECK
05 31 00.B20	3.0 NC 20 METAL DECK
05 73 13.A1	1/2" TEMPERED GLASS PANEL
05 73 13.A2	TOP MOUNT GUARDRAIL BASE ANCHORED TO STEEL PLATE, SEALANT BOTH SIDES
05 73 13.A3	CUSTOM EXTRUDED FASCIA OR TRIM TO COVER ANCHOR SYSTEM
06 10 00.A1	WOOD BLOCKING
06 10 00.C1	2X RIPPED TO FIT (FRT)
06 10 00.D1	2X4
06 10 00.H1	2X10
06 10 00.K2	5/8" EXTERIOR GRADE, FIRE RESISTANT TREATED PLYWOOD
06 10 00.K3	3/4" EXTERIOR GRADE, FIRE RESISTANT TREATED PLYWOOD
06 20 13.A1	1X8 TONGUE AND GROOVE, RUNNING PARALLEL WITH STOREFRONT
06 20 13.A15	3/4" X 4" FRT PLYWOOD BATTEN AT EACH STUD
07 21 00.A10	BATT INSULATION
07 21 00.B3	1 1/2" RIGID INSULATION
07 21 00.B4	2" RIGID INSULATION
07 21 00.C1	2" HIGH DENSITY STONEWOOL INSULATION
07 24 00.A3	EIFS ON 2" INSULATION BOARD
07 27 26.A1	AIR & MOISTURE BARRIER
07 42 13.A1	ALUMINUM COMPOSITE MATERIAL (ACM) METAL PANEL
07 42 13.A3	VENTED HAT CHANNEL
07 42 13.A4	PRE-FORMED PARAPET CAP BY ACM MFG.
07 42 13.D2	DEEP PROFILE METAL PANEL, RIBS RUNNING VERTICALLY
07 42 13.D3	DEEP PROFILE METAL PANEL, RIBS RUNNING VERTICALLY
07 43 14.A1	TERRA COTTA RAINSCREEN PANEL AND SUBFRAME
07 54 19.B2	1 1/2" RIGID INSULATION
07 54 19.B3	4" RIGID INSULATION
07 54 23.A1	TPO ROOF MEMBRANE - SEE SPECS
07 54 23.A2	TPO MEMBRANE. LAP TOP OF PARAPET, OVER NAILING STRIP, AND REINFORCE INSIDE CORNER OF ROOF.
07 62 00.A7	PREFINISHED METAL FLASHING W/ DRIP EDGE
07 81 00.A1	SPRAY- APPLIED FIRE RESISTIVE MATERIAL (SFRM) PER ASSIGNED UL DETAIL
09 22 16.A19	3 5/8" METAL STUDS @ 16" O.C.
09 22 16.A40	6" METAL STUDS @ 16" O.C.
09 22 16.A74	7/8" FURRING HAT CHANNEL @ 16" O.C.
09 29 00.D11	5/8" TYPE "X" GYPSUM WALLBOARD
09 29 00.D18	5/8" EXTERIOR GYPSUM SHEATHING
09 51 13.A1	ACOUSTICAL PANEL
09 69 00.A1	RAISED ROOF SYSTEM PORCELAIN PAVER
09 69 00.A2	RAISED ROOF SYSTEM ADJUSTABLE PEDESTAL
09 84 33.A1	SOUND ABSORBING WALL UNITS

WALL SECTION GENERAL NOTES

1	ALL WOOD USED IN ROOF ASSEMBLIES SHALL BE FIRE RESISTANT TREATED (FRT)
2	ALL EXPOSED CMU SHALL BE PARGED AND PAINTED
3	CLIPS NECESSARY FOR ATTACHMENT OF COLD-FORMED FRAMING TO STEEL STRUCTURE SHALL BE INSTALLED PRIOR TO APPLICATION OF THE SPRAY APPLIED FIRE RESISTANT MATERIALS (SFRM)
4	ALL ACM METAL WALL PANELS SHALL HAVE WEEP HOLES AT THE BOTTOM EDGE

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WALL SECTIONS & DETAILS

No. C-698

09/01/26

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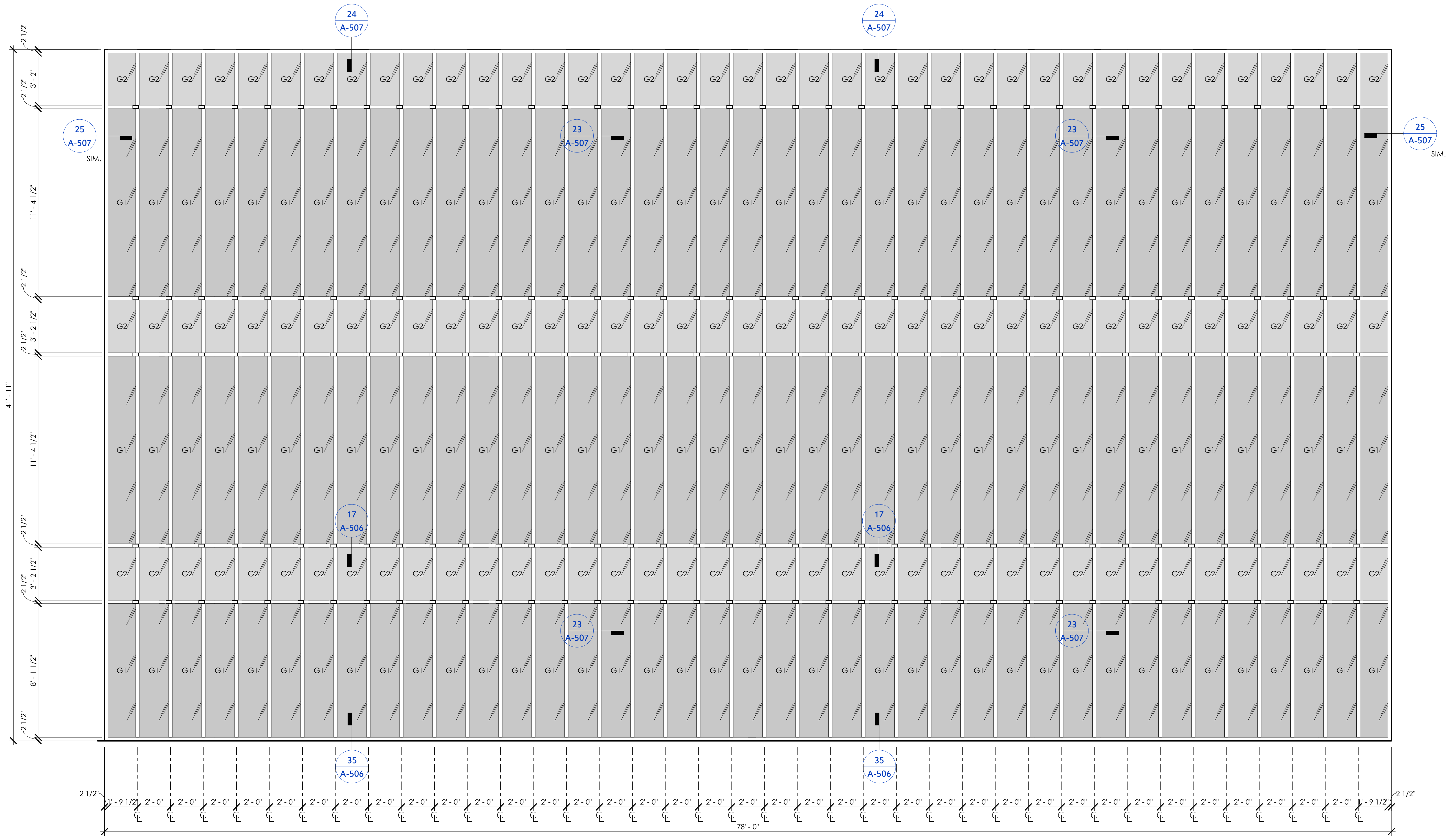
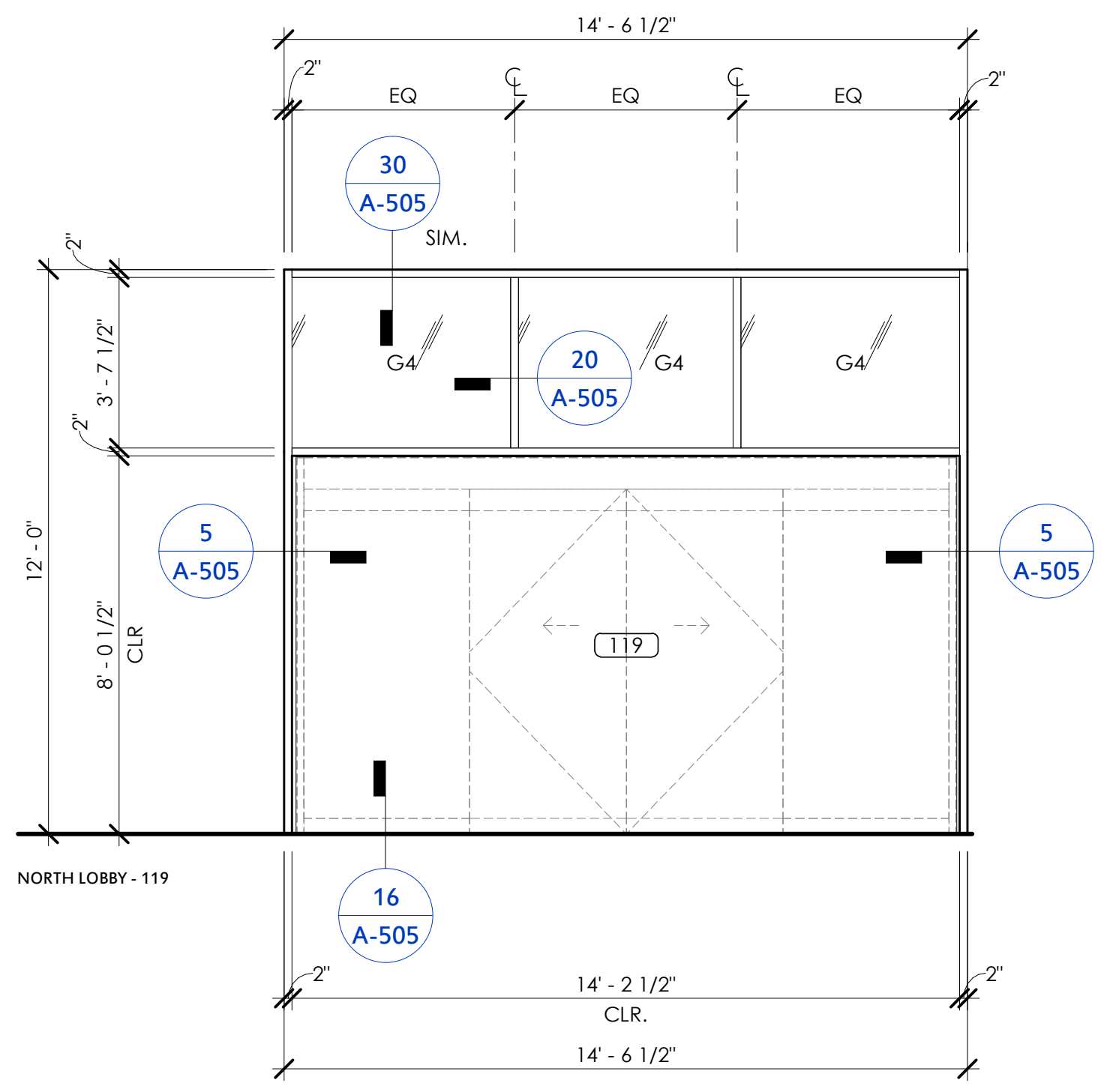
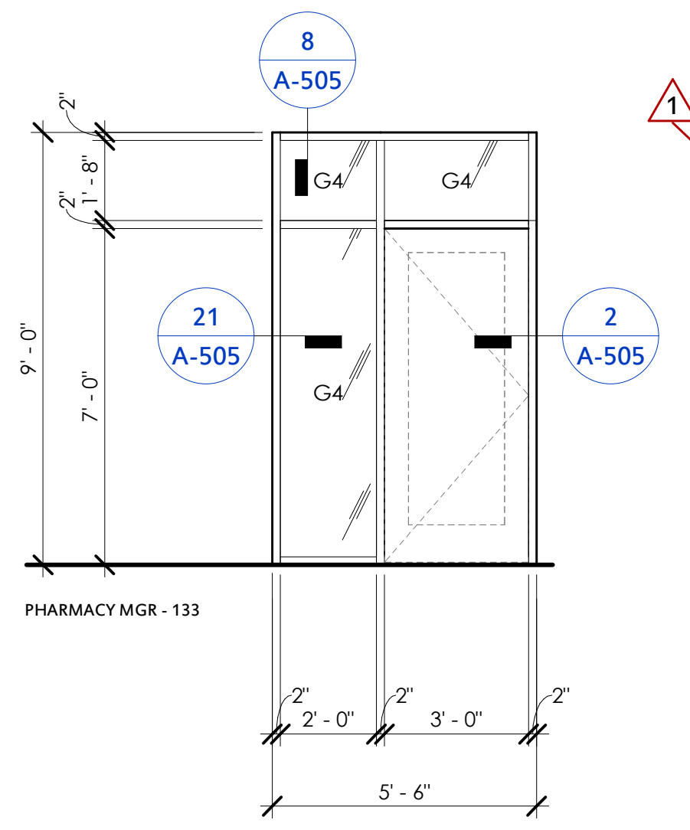


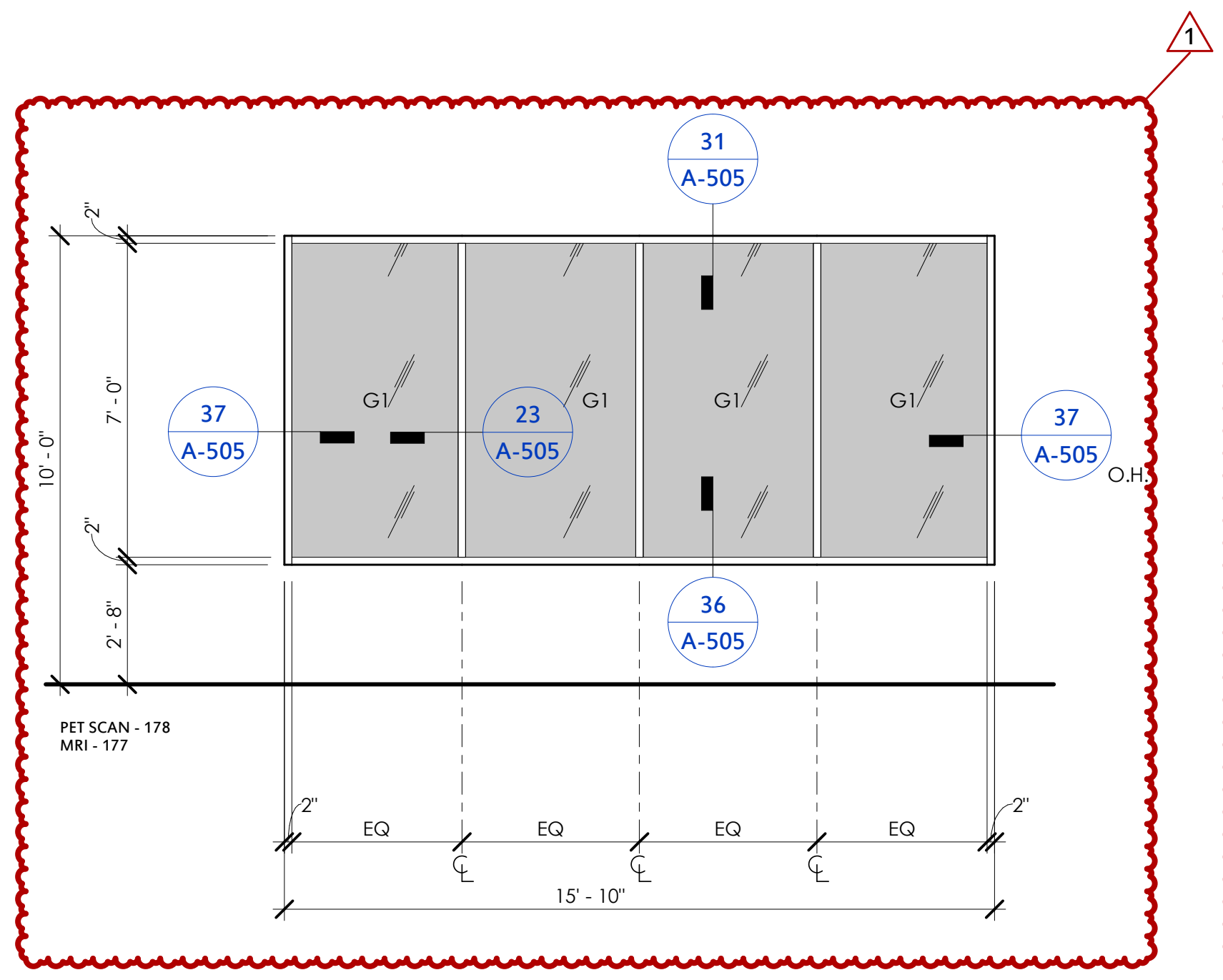
1 CW 31 - ELEVATION
1/4" = 1'-0"



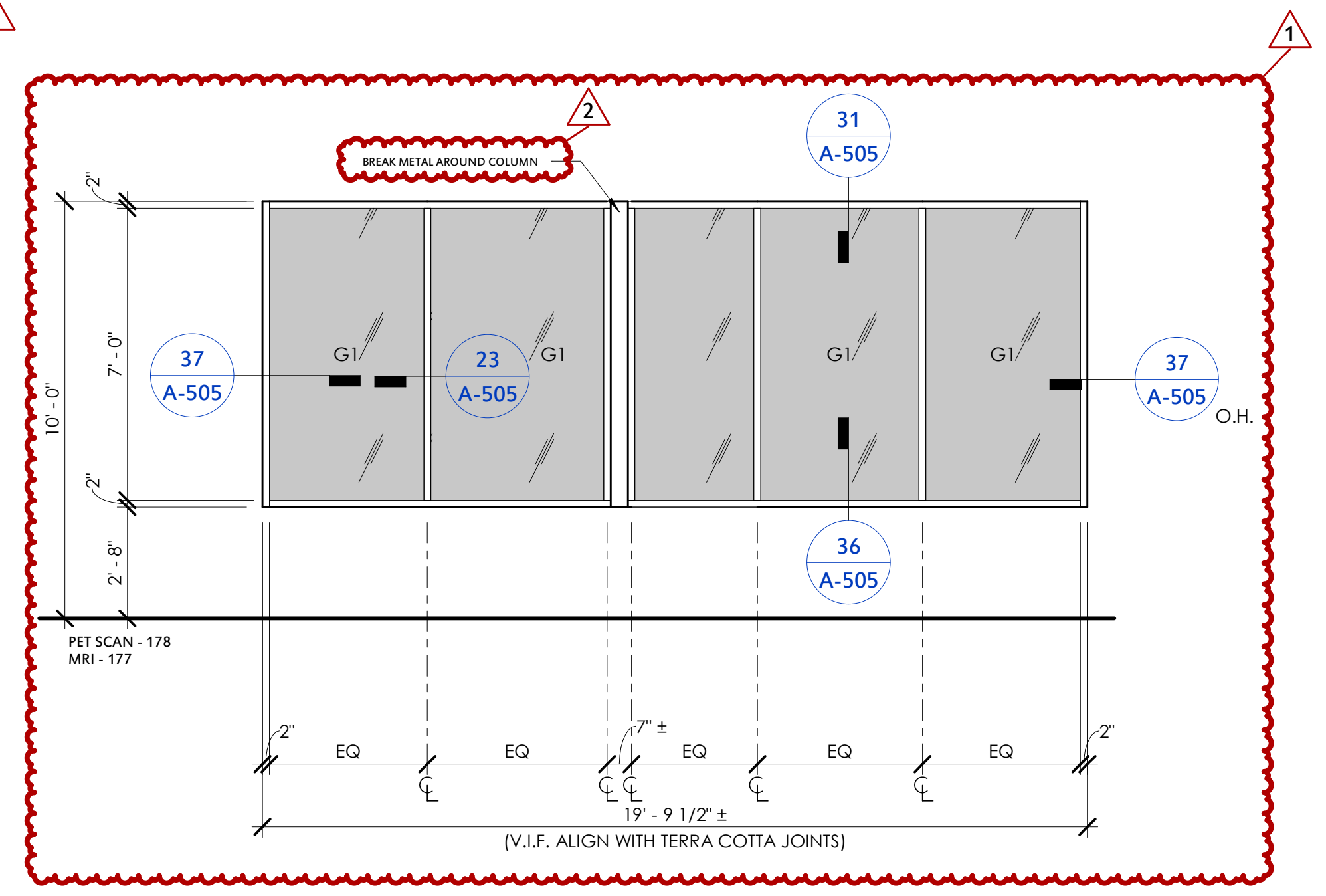
5 SF 5 - ELEVATION
1/4" = 1'-0"



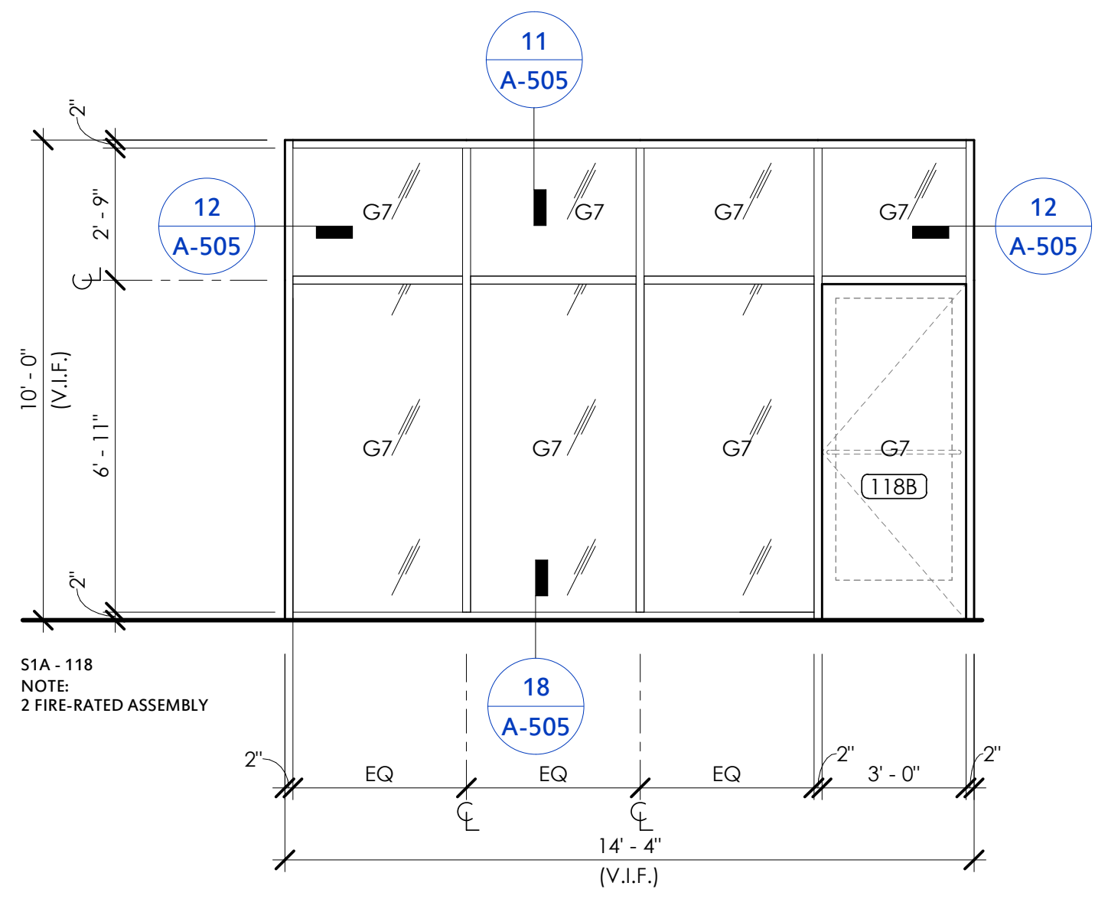
7 SF 6 - ELEVATION
1/4" = 1'-0"



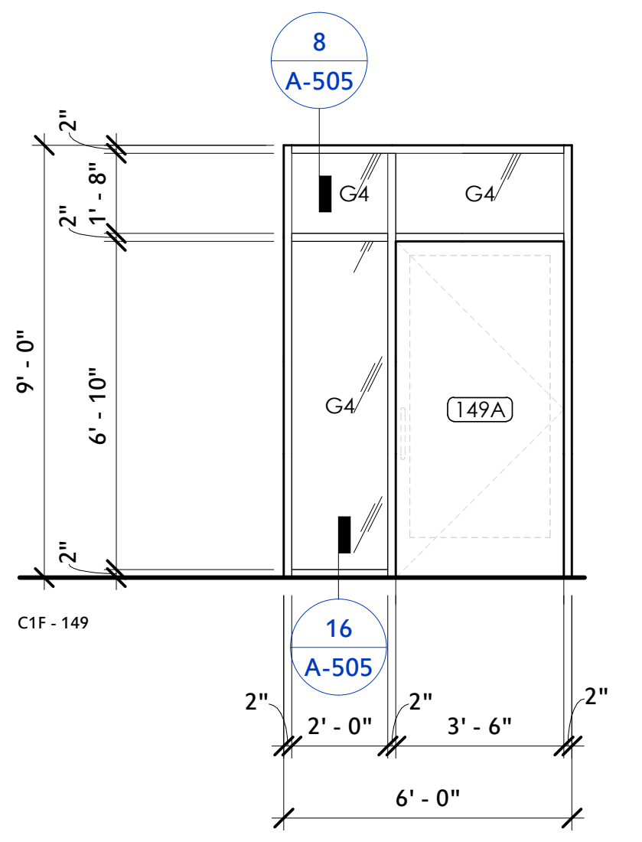
3 SF 2 - ELEVATION
1/4" = 1'-0"



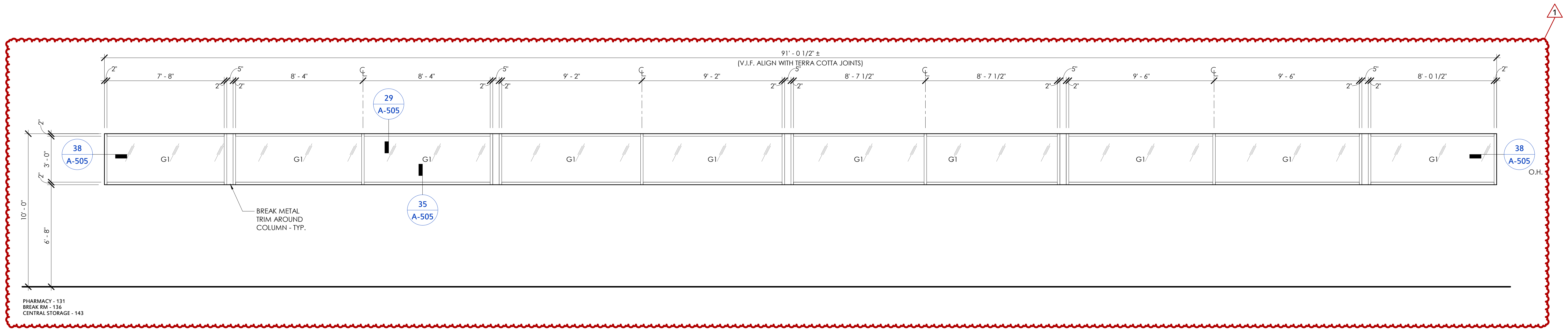
6 SF 3 - ELEVATION
1/4" = 1'-0"



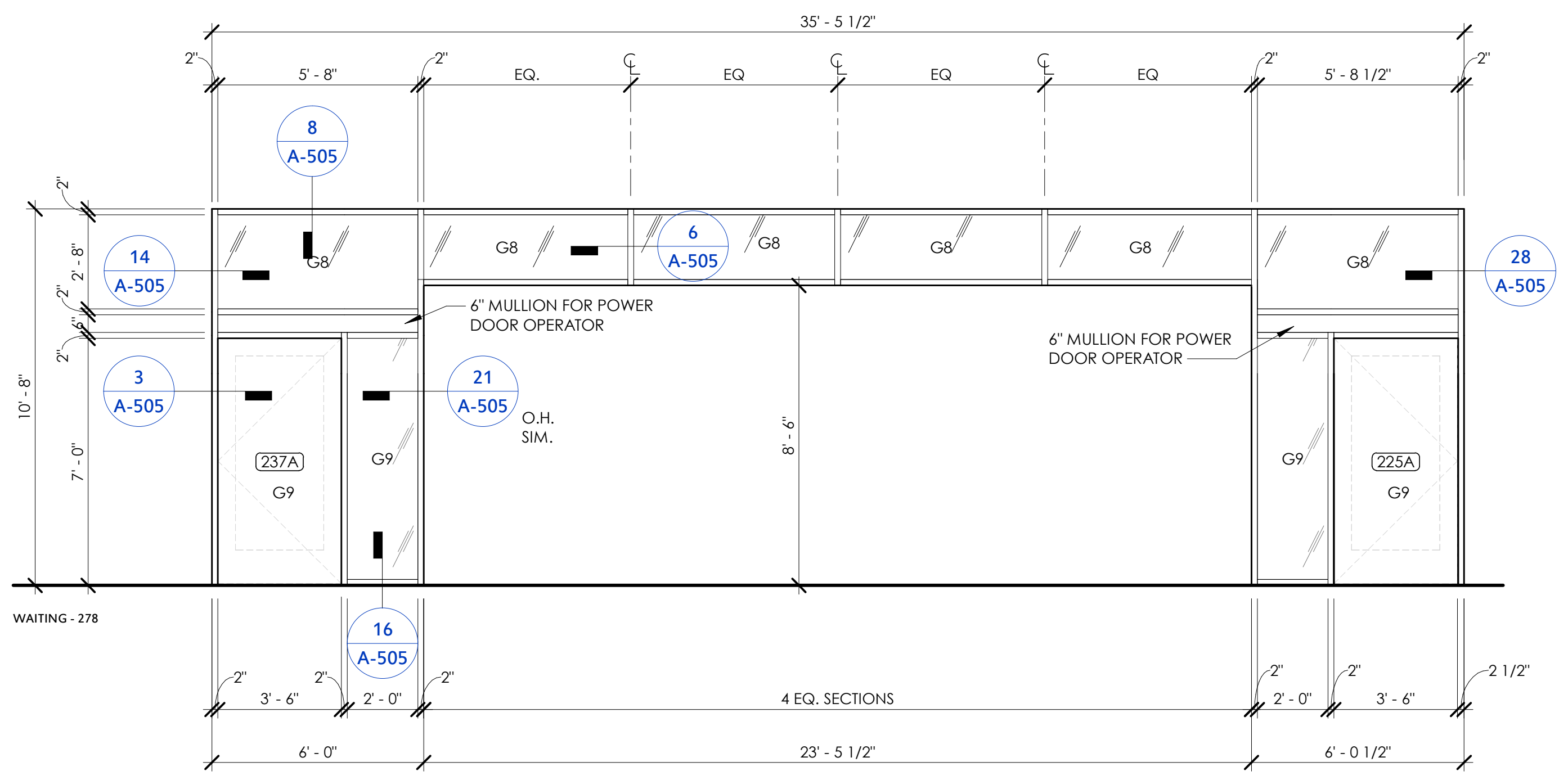
2 SF 1 - ELEVATION
1/4" = 1'-0"



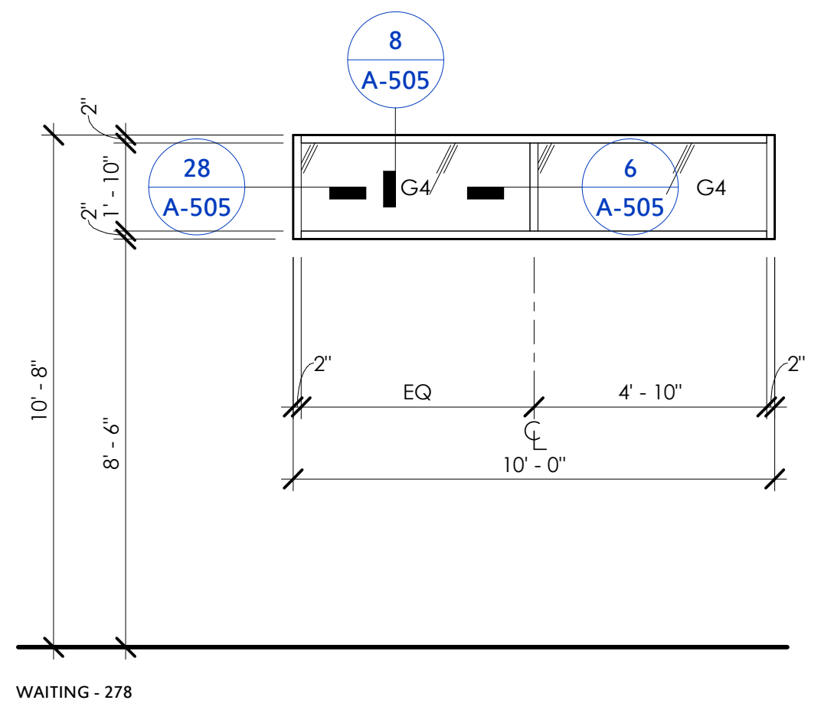
8 SF 7 - ELEVATION
1/4" = 1'-0"



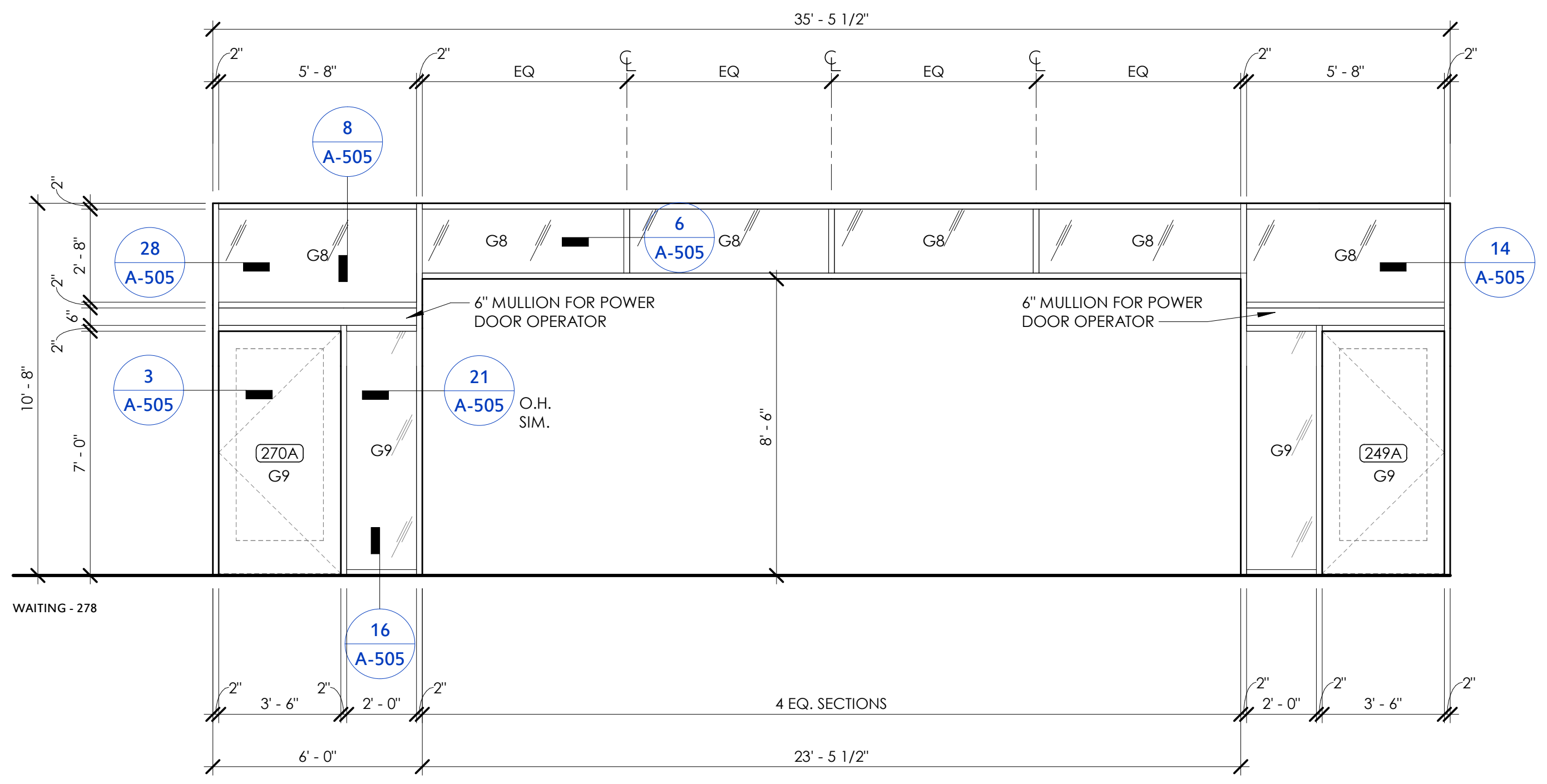
4 SF 4 - ELEVATION
1/4" = 1'-0"



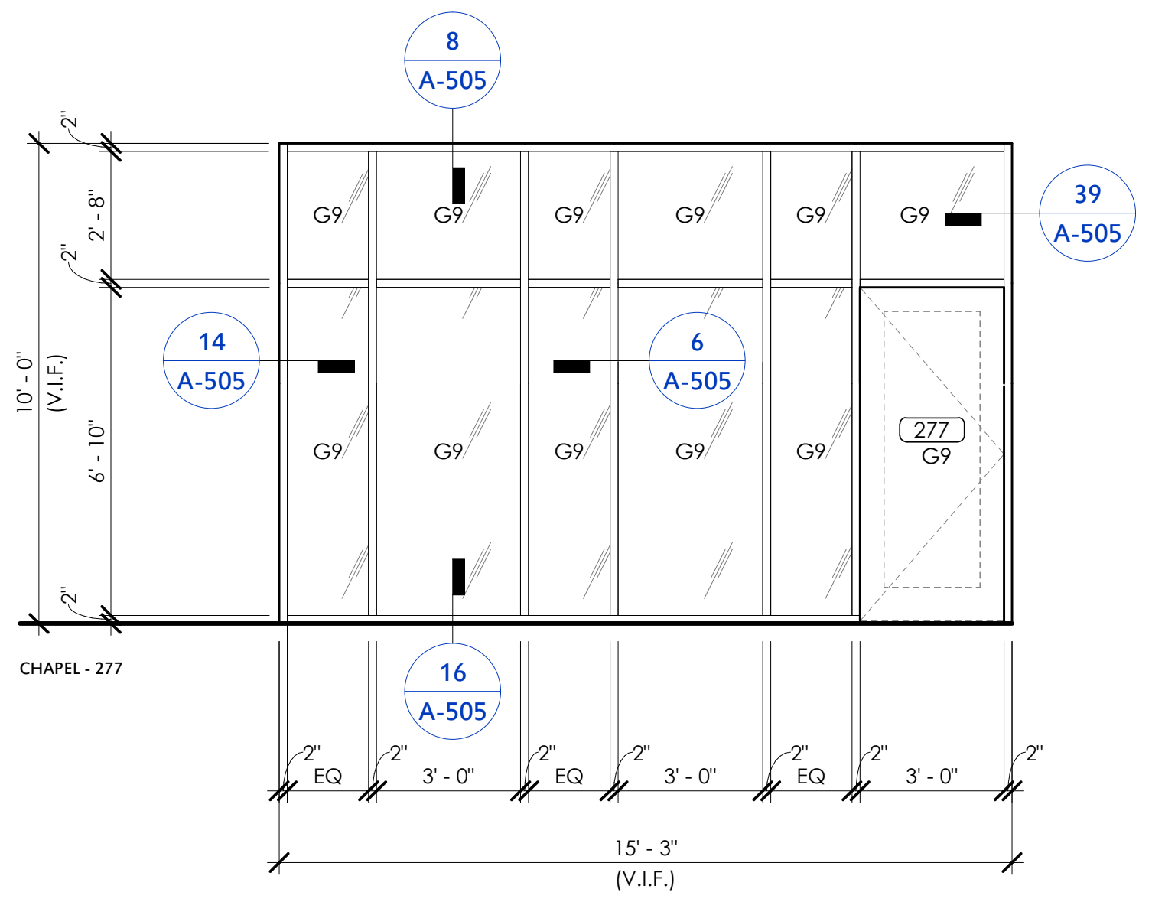
9 SF 8 - ELEVATION
1/4" = 1'-0"



10 SF 9 - ELEVATION
1/4" = 1'-0"



11 SF 10 - ELEVATION
1/4" = 1'-0"



12 SF 11 - ELEVATION
1/4" = 1'-0"

GENERAL STOREFRONT ELEV NOTES

1	PROVIDE SPECIFIED WINDOW SHADES AT EXTERIOR WINDOWS UNLESS OTHERWISE NOTED.

GLAZING SCHEDULE

G1	1" INSULATED TINTED GLASS
G2	1" INSULATED TINTED SPANDREL GLASS
G3	1/2" CLEAR GLASS WITH APPLIED FILM
G4	1/4" CLEAR GLASS
G5	1" INSULATED CLEAR GLASS
G6	1/4" CLEAR GLASS WITH APPLIED FILM
G7	2 LAYERS CLEAR FIRE-RATED GLASS WITH SPACER; 2 1/4" TOTAL THICKNESS (120 MINUTE RATING)
G8	10.5mm LAMINATED SOUND REDUCTION GLASS
G9	10.5mm LAMINATED SOUND REDUCTION GLASS WITH APPLIED FILM
G10	5/16" 90 MINUTE FIRE RATED GLASS (TGP FIRELITE PLUS)

1

NOTE: VIEWS ON SHEET HAVE BEEN SHUFFLED TO FIT ON THE SHEET, MAINTAINING THEIR ORIGINAL VIEW NUMBERS

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HIGHLANDS
ONCOLOGY

HIGHLANDS BUILDING AT
PINNACLE HILLS

SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key Plan

No.	Description	Date
1	PLAN REVIEW COMMENTS	07/22/26
2	P.R. #03	08/28/26

PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
QC DATE:

CONSTRUCTION
DOCUMENTS

Crafton, Tull & Associates, Inc.
REGISTERED ARCHITECTS
No. C-698
ARKANSAS

CURTAIN WALL AND
STOREFRONT ELEVATIONS

09/01/26

A-413

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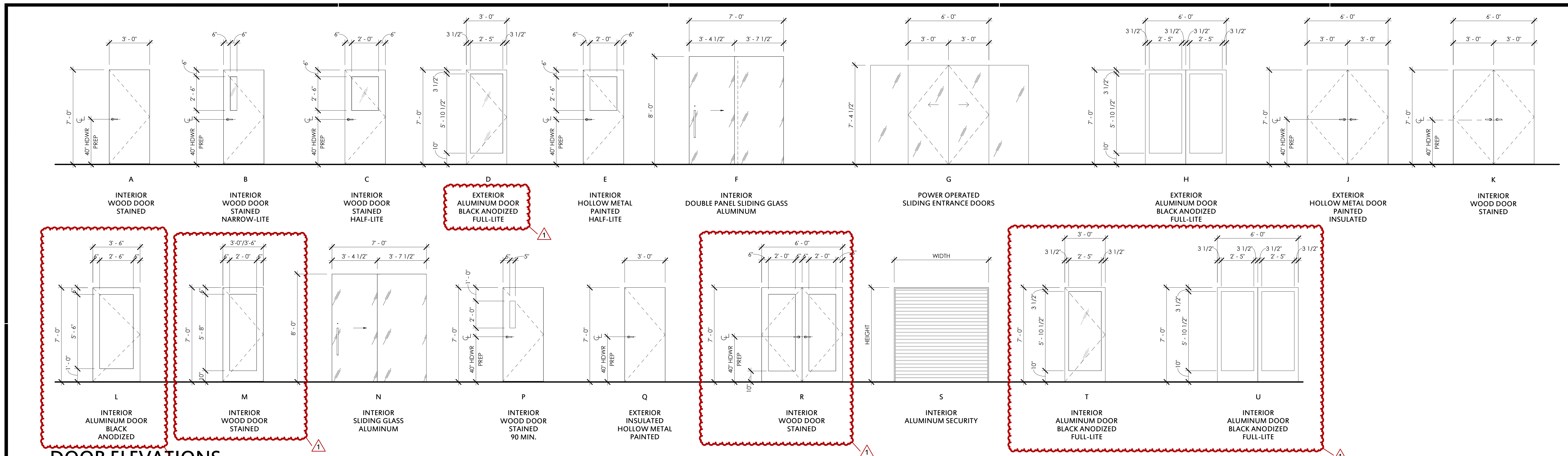

DOOR ELEVATIONS

DOOR AND FRAME SCHEDULE

MARK	HDW SET	POWER DOOR OPERATOR	FIRE RATING	WIDTH	HEIGHT	DOOR MAT	LEAD LINED	DOOR ELEVATION	DOOR GLAZING	FRAME MAT	FRAME LEAD LINED	REMARKS
101A	20,24		---	11' - 6 7/8"	7' - 4 1/4"	ALUM		G	G4	ALUM		POWER SLIDING ENTRANCE DOOR, PROVIDE GENERATOR BACKUP TO ELECTROMAGENETIC LOCK CONTROL
101B	20,24		---	11' - 6 7/8"	7' - 4 1/4"	ALUM		G	G4	ALUM		POWER SLIDING ENTRANCE DOOR, PROVIDE GENERATOR BACKUP TO ELECTROMAGENETIC LOCK CONTROL
101C	20		---	13' - 8 1/2"	7' - 4"	ALUM		G	G4	ALUM		POWER SLIDING ENTRANCE DOOR
105	4	●	---	3' - 6"	7' - 0"	WD		A	---	HM		PROVIDE POWER DOOR OPERATOR AND WALL-MOUNTED PUSH BUTTONS
106	4	●	---	3' - 6"	7' - 0"	WD		A	---	HM		PROVIDE POWER DOOR OPERATOR AND WALL-MOUNTED PUSH BUTTONS
106A	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
106B	9		---	3' - 0"	7' - 0"	WD		A	---	HM		---
107	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
111	9		---	3' - 0"	7' - 0"	WD		A	---	HM		---
112	18		---	7' - 0"	8' - 0"	GLASS		N	G3	ALUM		INSTALL OPERABLE LEAF ON INSIDE OF OFFICE TO PREVENT SIGNAGE INTERFERANCE
113	18		---	7' - 0"	8' - 0"	GLASS		N	G3	ALUM		INSTALL OPERABLE LEAF ON INSIDE OF OFFICE TO PREVENT SIGNAGE INTERFERANCE
114A	15		---	21' - 8 1/8"	10' - 0"	GLASS		---	---	ALUM		---
114AA	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
114B	15		---	24' - 9 17/32"	10' - 0"	GLASS		---	---	ALUM		---
115A	27		---	5' - 9 1/2"	8' - 0"	ALUM		H	G1	ALUM		PROVIDE ELECTROMAGNETIC LOCK CONTROL WITH GENERATOR BACK UP
115B	29		---	3' - 0"	7' - 0"	WD		A	---	HM		---
116	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
117	20,24		---	13' - 8 1/2"	7' - 4"	ALUM		G	G4	ALUM		POWER SLIDING ENTRANCE DOOR, PROVIDE GENERATOR BACKUP TO ELECTROMAGENETIC LOCK CONTROL
117B	20,23		---	3' - 6"	8' - 0"	ALUM		D	G1	ALUM		GENERATOR BACK UP
118A	20,23		---	3' - 0"	8' - 0"	ALUM		D	G5	ALUM		GENERATOR BACKUP PROVIDE ELECTROMECHANICAL LOCK CONTROL/ELECTRIC STRIKE AND KEYPAD
118B	31		90 MIN.	3' - 0"	7' - 0"	ALUM		D	G10	ALUM		
119	24		---	13' - 8 1/2"	7' - 4"	ALUM		G	G4	ALUM		POWER SLIDING ENTRANCE DOOR, PROVIDE GENERATOR BACKUP TO ELECTROMAGENETIC LOCK CONTROL
120A	32		---	4' - 0"	7' - 0"	WD		A	---	HM		---
120B	8,25		---	3' - 0"	7' - 0"	WD		B	---	HM		---
120C	8,25		---	3' - 0"	7' - 0"	WD		B	---	HM		---
121	8		---	3' - 0"	7' - 0"	WD		B	G4	HM		---
122	20,23		---	3' - 0"	8' - 0"	ALUM		D	G1	ALUM		GENERATOR BACK UP
122A	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
123	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
125	12		---	3' - 6"	7' - 0"	WD		A	---	HM		---
126	33		---	3' - 6"	7' - 0"	ALUM		T	G6	ALUM		---
127	33		---	3' - 6"	7' - 0"	ALUM		T	G6	ALUM		---
128	13	●	---	4' - 0"	7' - 0"	WD		A	---	HM		PROVIDE POWER DOOR OPERATOR AND WALL-MOUNTED PUSH BUTTONS
130A	34		---	3' - 6"	8' - 2 1/4"			D	G1	ALUM		---
130B	1			13' - 0 1/8"	10' - 0"	ALUM		S	---	ALUM		---
131	8,25		---	3' - 0"	7' - 0"	WD		B	---	HM		---
132	5		---	3' - 0"	7' - 0"	WD		E	G4	HM		---
133	21		---	3' - 0"	7' - 0"	WD		M	G4	ALUM		---
135	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
136	8		---	3' - 0"	7' - 0"	WD		B	G4	HM		---
137A	9			3' - 0"	7' - 0"	WD		A	---	HM		---
137B	8,25		---	3' - 0"	7' - 0"	WD		B	---	HM		---
138	3		---	3' - 0"	7' - 0"	FRP		E	G4	FRP		HARDWARE TO BE PROVIDED BY FRP DOOR MANUFACTURER.
139	3		---	3' - 0"	7' - 0"	FRP		E	G4	FRP		HARDWARE TO BE PROVIDED BY FRP DOOR MANUFACTURER.
140	3		---	3' - 0"	7' - 0"	FRP		E	G4	FRP		HARDWARE TO BE PROVIDED BY FRP DOOR MANUFACTURER.
141A	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
141B	27		---	5' - 2 5/16"	8' - 0"	ALUM		H	G1	ALUM		PROVIDE ELECTROMAGNETIC LOCK CONTROL WITH GENERATOR BACK UP
141C	8,25		---	3' - 0"	7' - 0"	WD		B	---	HM		---
142A	35		---	6' - 0"	7' - 10"	HM		J	---	HM		GENERATOR BACKUP, PROVIDE KEYPAD AND ELECTRIC HINGES
142B	17		---	6' - 0"	7' - 10"	WD		K	---	HM		---
143	11		---	3' - 0"	7' - 0"	HM		Q	---	HM		PROVIDE PANIC HARDWARE
144A	10		---	6' - 0"	7' - 10"	HM		J	---	HM		---
145	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
146	9		---	3' - 0"	7' - 0"	WD		A	---	HM		---
148	7, 28		90 MIN.	3' - 0"	7' - 0"	WD		P	G10	HM		GENERATOR BACK UP
149A	20		---	3' - 6"	7' - 0"	ALUM		D	G4	ALUM		---
149B	36		---	6' - 0"	7' - 0"	WD		B	G4	HM		---
150	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
151	12		---	3' - 6"	7' - 0"	WD		A	---	HM		---
152	12		---	3' - 6"	7' - 0"	WD		A	---	HM		---
153	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
154	9			3' - 0"	7' - 0"	WD		A	---	HM		---
156	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
157	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
158	17		---	6' - 0"	7' - 0"	WD		K	---	HM		---
159	8		---	4' - 0"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
160	12		---	3' - 6"	7' - 0"	WD		A	---	HM		---
161	8,25		---	3' - 0"	7' - 0"	WD		B	---	HM		---
162	12		---	3' - 6"	7' - 0"	WD		A	---	HM		---
163	8		---	4' - 0"	7' - 0"	WD		A	---	HM		---
164	19		---	3' - 6"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
165	19		---	3' - 6"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
166	19		---	3' - 6"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
167	8		---	3' - 6"	7' - 0"	WD		A	---	HM		PROVIDE KEYPAD AND ELECTRIC STRIKE
168	12		---	3' - 6"	7' - 0"	WD		A	---	HM		---
169	8		---	4' - 0"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
170	8		---	4' - 0"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
171A	8		---	3' - 0"	7' - 0"	WD		C	G4	HM		---
171B	8		---	3' - 0"	7' - 0"	WD		C	G4	HM		---
171C	8		---	3' - 0"	7' - 0"	WD	●	C	G4	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
171D	8		---	3' - 0"	7' - 0"	WD	●	C	G4	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
172	32		---	4' - 0"	7' - 0"	WD		B	G4	HM		---
173	9		---	3' - 0"	7' - 0"	WD		A	---	HM		---
174	11		90 MIN.	3' - 0"	7' - 0"	HM		Q	---	HM		---
175	12		---	3' - 6"	7' - 0"	WD		A	---	HM		---
176	12		---	3' - 6"	7' - 0"	WD		A	---	HM		---
177A	---		---	4' - 0"	7' - 0"	MRI	●	---	---	MRI	●	DOOR BY MRI EQUIPMENT PROVIDER
177B	---		---	2' - 0"	2' - 0"	STEEL		---	---	STEEL		---
178	8		---	4' - 0"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS

DOOR AND FRAME SCHEDULE

MARK	HDW SET	POWER DOOR OPERATOR	FIRE RATING	WIDTH	HEIGHT	DOOR MAT	LEAD LINED	DOOR ELEVATION	DOOR GLAZING	FRAME MAT	FRAME LEAD LINED	REMARKS
179A	10		---	7' - 8"	7' - 10"	HM		J	---	HM		---
179B	11		---	3' - 0"	7' - 0"	HM		Q	---	HM		PROVIDE PANIC HARDWARE
180A	11		---	3' - 0"	7' - 0"	HM		Q	---	HM		PROVIDE PANIC HARDWARE
181	19		---	3' - 6"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
182	19		---	3' - 6"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
183	19		---	3' - 6"	7' - 0"	WD	●	A	---	HM	●	SEE SHIELDING PLAN FOR LEAD THICKNESS
184A	11		---	3' - 0"	7' - 0"	HM		Q	---	HM		PROVIDE PANIC HARDWARE
184M				4' - 11"	7' - 0"							
184N				9' - 1"	7' - 0"							
201A	7		90 MIN.	3' - 0"	7' - 0"	WD		P	G10	HM		---
203	4	●	---	3' - 6"	7' - 0"	WD		A	---	HM		PROVIDE POWER DOOR OPERATOR AND WALL-MOUNTED PUSH BUTTONS
204	4	●	---	3' - 6"	7' - 0"	WD		A	---	HM		PROVIDE POWER DOOR OPERATOR AND WALL-MOUNTED PUSH BUTTONS
204A	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
204B	9		---	3' - 0"	7' - 0"	WD		A	---	HM		---
206	18		---	6' - 0"	7' - 0"	GLASS		N	G3	ALUM		---
207	18		---	6' - 0"	7' - 0"	GLASS		N	G3	ALUM		---
209	37		---	3' - 0"	7' - 0"	WD		M	G6	ALUM		---
210	8,25		---	3' - 0"	7' - 0"	WD		B	---	HM		---
210A	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
210B	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
211	14		---	6' - 0"	7' - 0"	WD		R	G9	HM		---
213	21			3' - 0"	7' - 0"	WD		M	G6	HM		---
214	21		---	3' - 0"	7' - 0"	WD		B	G4	HM		---
215A	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
215B	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
215C	8,25		---	3' - 0"	7' - 0"	WD		B	---	HM		---
215D	8,25		---	3' - 0"	7' - 0"	WD		B	---	HM		---
216A	37		---	3' - 0"	7' - 0"	WD		M	G6	ALUM		---
216B	37		---	3' - 0"	7' - 0"	WD		M	G6	ALUM		---
217	21		---	3' - 0"	7' - 0"	WD		M	G4	ALUM		---
221	9		---	3' - 0"	7' - 0"	WD		A	---	HM		---
222	20, 25		---	3' - 0"	7' - 0"	ALUM		D	G6	ALUM		GENERATOR BACK UP
222A	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
222B	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
223A	20		---	3' - 0"	7' - 0"	ALUM		D	G6	ALUM		---
223AA	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
223B	20		---	3' - 0"	7' - 0"	ALUM		D	G1	ALUM		---
225A	13	●	---	3' - 6"	7' - 0"	ALUM		L	G9	ALUM		PROVIDE POWER DOOR OPERATOR AND WALL-MOUNTED PUSH BUTTONS
225B	2		---	3' - 6"	7' - 0"	ALUM		L	G9	ALUM		---
226	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
227	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
228	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
229	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
230	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
231	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
232	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
233	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
234	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
235	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
236A	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
237A	13	●	---	3' - 6"	7' - 0"	ALUM		L	G9	ALUM		PROVIDE POWER DOOR OPERATOR AND WALL-MOUNTED PUSH BUTTONS
237B	2		---	3' - 6"	7' - 0"	ALUM		L	G9	ALUM		---
238	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
239	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
240	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
241	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
242	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
243	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
244	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
245	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
246	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
247	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
248	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
249A	13	●	---	3' - 6"	7' - 0"	ALUM		L	G9	ALUM		PROVIDE POWER DOOR OPERATOR AND WALL-MOUNTED PUSH BUTTONS
249B	2		---	3' - 6"	7' - 0"	ALUM		L	G9	ALUM		---
250	5		---	3' - 0"	7' - 0"	WD		A	---	HM		---
251	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
252	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
253	9		---	3' - 0"	7' - 0"	WD		A	---	HM		---
254	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
255	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
256	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
257	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
258	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
259	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
260	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
261A	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
263	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
264	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
265	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
266	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
267	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
268	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
269	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
270	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
270A	13	●	---	3' - 6"	7' - 0"	ALUM		L	G9	ALUM		PROVIDE POWER DOOR OPERATOR AND WALL-MOUNTED PUSH BUTTONS
270B	2		---	3' - 6"	7' - 0"	ALUM		L	G9	ALUM		---
271	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
272	19		---	3' - 0"	7' - 0"	WD		A	---	HM		---
273A	12		---	3' - 0"	7' - 0"	WD		A	---	HM		---
273B	17		---	6' - 0"	7' - 0"	WD		K	---	HM		---

GENERAL DOOR NOTES

1	ALL LOCKSETS TO BE LEVER HANDLES, MEETING A.D.A. OF 2010 REQUIREMENTS
2	ALL THRESHOLDS, CLOSERS, PUSH/PULL PLATES, PANIC DEVICES, ETC. TO COMPLY WITH A.D.A. 2010 REQUIREMENTS
3	ALL LOCKSETS ARE TO BE SPECIFIED SCHLAGE "ND" SERIES (HIGH USE) AND FALCON "B" LOCKSETS (LOW USE) AS CALLED OUT IN THE DOOR SCHEDULE AND SPECIFICATIONS
4	ALL DOOR HARDWARE TO HAVE A BRUSHED CHROME (US26D) OR BRUSHED STAINLESS (US32D) FINISH
5	ALL HOLLOW METAL DOORS AND FRAMES TO BE PAINTED. SPRAY FINISH IS DESIRED. NO VISIBLE ROLLER MARKS OR BRUSH MARKS WILL BE ACCEPTED
6	ALL DOORS ARE TO BE KEYED TO MASTER AND GRAND MASTER. SEE SPECIFICATION FOR STAMPING REQUIREMENTS AND NUMBER OF KEYS TO BE PROVIDED
7	PROVIDE ELECTRIC STRIKES/ ELECTRIC HINGES AS NOTED IN THE DOOR SCHEDULE, COORDINATING LOCATION OF KEYPAD/ CARD READERS AS REQ'D
8	PROVIDE WALL-MOUNTED DOOR STOPS AT ALL APPLICABLE LOCATIONS (PROVIDE BLOCKING IN WALL)
9	ALL FIRE RATED DOORS SHALL HAVE POSITIVE LATCHING
10	AT SLIDING GLASS ENTRANCES TO OFFICES, PLACE SLIDING PANEL TOWARDS THE INSIDE OF THE OFFICE TO PREVENT INTERFERENCE WITH CORRIDOR PLACED SIGNAGE AND GRAPHICS

DOOR HARDWARE SCHEDULE

1	OVERHEAD SECURITY DOOR HARDWARE BY DOOR MANUFACTURER
2	CONTINUOUS HINGE, DUMMY LOCKSET (NO LATCH), WALL STOP, 3 SILENCERS
3	1 1/2 PAIR BUTTS, CLEAN ROOM PADDLE LEVER LOCKSET, CLOSER, WALL STOP, PERIMETER DOOR SEALS, AND SEALING THRESHOLD
4	1 1/2 PAIR BUTTS, PUSH/ PULL, DOOR OPERATOR, TWO (2) PUSH BUTTONS, CLOSER, WALL STOP, KICKPLATE, AND 3 SILENCERS
5	1 1/2 PAIR BUTTS, LEVER STORAGE LOCKSET, CLOSER/ HOLD OPEN, KICKPLATE, WALL STOP, AND 3 SILENCERS
6	1 PULL, 1 KEY LOCKING PULL, BALANCE OF HARDWARE BY DOOR MANUFACTURER
7	1 1/2 PAIR BUTTS, FIRE EXIT HARDWARE, LEVER PASSAGE SET, CLOSER, KICKPLATE, WALL STOP, AND 3 SILENCERS
8	1 1/2 PAIR BUTTS, LEVER LOCKSET, CLOSER, WALL STOP, AND 3 SILENCERS
9	1 1/2 PAIR BUTTS, LEVER STORAGE LOCKSET, KICKPLATE, WALL STOP, AND 3 SILENCERS
10	3 PAIR BUTTS, TOP AND BOTTOM FLUSH BOLTS, 2 CLOSERS, DUMMY LEVER PULL, LEVER LOCKSET, 2 KICKPLATES, INTERLOCKING WATERSHED, WEATHERSEAL, 2 SILENCERS
11	1 1/2 PAIR BUTTS, LEVER LOCKSET, EXIT DEVICE, CLOSER, THRESHOLD, INTERLOCKING WATERSHED, WEATHERSEAL, 3 SILENCERS
12	1 1/2 PAIR BUTTS, LEVER LATCHSET, OCCUPANCY INDICATOR THUMB LATCH, CLOSER, KICKPLATE, WALL STOP, 3 SILENCERS
13	CONTINUOUS HINGE, DUMMY LOCKSET (NO LATCH) AUTOMATIC DOOR OPENER/ CLOSER WITH WALL MOUNTED PUSH BUTTONS EA. SIDE, KICKPLATE, DOOR SEAL
14	3 PAIR BUTTS, TOP AND BOTTOM FLUSH BOLTS, 2 CLOSERS, DUMMY LEVER PULL, LEVER LOCKSET, 2 STOPS, 2 SILENCERS
15	DOOR HARDWARE BY NANOWALL
16	1 1/2 PAIR BUTTS, LEVER LOCKSET, CLOSER/ HOLD OPEN, INTERLOCKING WATERSHED, WEATHERSEAL, THRESHOLD, SWEEP, KICKPLATE, WALL STOP, 3 SILENCERS
17	3 PAIR BUTTS, TOP AND BOTTOM FLUSH BOLTS, DUMMY LEVER PULL (NO LATCH), LEVER STORAGE LOCKSET, KEYPAD, ELECTRIC STRIKE, WALL STOP, FLOOR STOP/ HOLD OPEN, 2 KICKPLATES, 2 SILENCERS
18	2 PULLS, BALANCE OF HARDWARE BY DOOR MANUFACTURER
19	1 1/2 PAIR BUTTS, LEVER PASSAGE LOCKSET, WALL STOP, 3 SILENCERS
20	CYLINDER LOCK, 2 PULLS, BALANCE OF HARDWARE BY DOOR MANUFACTURER
21	1 1/2 PAIR BUTTS, LEVER OFFICE LOCKSET, WALL STOP, 3 SILENCERS
22	1 1/2 PAIR BUTTS, LEVER PASSAGE LOCKSET, WALL STOP, 3 SILENCERS, POWER DOOR OPERATOR WITH PUSH BUTTON
23	(EXIT DISCHARGE) KEYPAD, ELECTRIC STRIKE WITH FIRE ALARM CONTACT, LOSS OF POWER RELEASE, OCCUPANT SENSOR ON THE EGRESS SIDE, MANUAL UNLOCKING DEVICE WITH "PUSH TO EXIT"; FREE EGRESS
24	(SLIDING EXIT DISCHARGE) PHOTOELECTRIC ACTUATOR, MANUAL EMERGENCY OUTSWING, STANDBY POWER, ELECTROMAGNETIC LOCKS WITH LOSS OF POWER RELEASE
25	(EXIT ACCESS) KEYPAD, ELECTRIC STRIKE WITH FIRE ALARM CONTACT, LOSS OF POWER RELEASE, OCCUPANT SENSOR ON THE EGRESS SIDE, MANUAL UNLOCKING DEVICE WITH "PUSH TO EXIT"; FREE EGRESS
26	CLOSER, SEAL, THRESHOLD, BALANCE OF DOOR HARDWARE BY DOOR MANUFACTURER
27	ELECTRIFIED HINGES, ELECTRIFIED PANICS, KEYPAD, THRESHOLD, CYLINDER LOCK, AND BALANCE OF DOOR HARDWARE BY DOOR MANUFACTURER
28	(STAIRWAY FIRE EXIT) ELECTROMAGNETIC LOCKING DEVICE, KEYPAD WITH FIRE ALARM CONTACT, LOSS OF POWER RELEASE, OCCUPANT SENSOR ON THE EGRESS SIDE, MANUAL UNLOCKING DEVICE WITH "PUSH TO EXIT"; FREE EGRESS
29	1 1/2 PAIR BUTTS, LEVER LOCKSET, KICKPLATE, CLOSER, FLOOR STOP, ELECTRIC STRIKE, AND KEYPAD, 3 SILENCERS
30	1 1/2 PAIR BUTTS, LEVER STORAGE LOCKSET, CLOSER, KICKPLATE, WALL STOP AND 3 SILENCERS
31	1 1/2 PAIR BUTTS, LEVER LATCHSET, CLOSER, WEATHERSEAL, BALANCE OF HARDWARE BY DOOR MANUFACTURER
32	CONTINUOUS HINGE, LEVER LOCKSET, CONCEALED OVERHEAD CLOSER, KICKPLATE, KEYPAD, ELECTRIC STRIKE, 3 SILENCERS
33	1 1/2 PAIR BUTTS, PRIVACY THUMB LATCH, BALANCE OF HARDWARE BY DOOR MANUFACTURER
34	1 1/2 PAIR BUTTS, EXIT DEVICE, THRESHOLD, CLOSER, CYLINDER LOCK, WEATHERSEAL, BALANCE OF HARDWARE BY DOOR SUPPLIER.
35	3 PAIR BUTTS, TOP AND BOTTOM FLUSH BOLTS, DUMMEY LEVER PULL, LOCKSET, 2 CLOSERS, COORDINATOR, T-ASTRAGAL, KEYPAD, ELECTRIFIED EXIT DEVICE, ELECTRIFIED HINGES, WEATHERSEAL, INTERLOCKING WATERSHED, 2 KICKPLATES, FLOOR STOP/ HOLD OPEN, 2 SILENCERS
36	3 PAIR BUTTS, 2 ELECTRIFIED PANICS, 2 CLOSERS, KEYPAD, 2 KICKPLATES, 2 WALL STOPS, 2 SILENCERS
37	1 1/2 PAIR BUTTS, LEVER PRIVACY LOCKSET, CLOSER, WALL STOP, AND 3 SILENCERS
38	3 PAIR BUTTS, TOP AND BOTTOM FLUSH BOLTS, 2 CLOSERS, DUMMY LEVER PULL, LEVER LOCKSET, 2 WALL STOPS, 2 SILENCERS, KEYPAD, ELECTRIC STRIKE, BALANCE OF DOOR HARDWARE BY DOOR MANUFACTURER
39	1 1/2 PAIR BUTTS, CLOSER/ HOLD OPEN, INTERLOCKING WATERSHED, WEATHERSEAL, THRESHOLD, SWEEP, EXIT DEVICE, BALANCE OF HARDWARE BY DOOR MANUFACTURER
40	3 PAIR BUTTS, TOP AND BOTTOM FLUSH BOLTS, 2 CLOSERS, DUMMY LEVER PULL, LEVER LOCKSET, EXIT DEVICE, 2 KICKPLATES, COORDINATOR, T-ASTRAGAL, INTERLOCKING WATERSHED, WEATHERSEAL,

GLAZING SCHEDULE

G1	1" INSULATED TINTED GLASS
G2	1" INSULATED TINTED SPANDREL GLASS
G3	1/2" CLEAR GLASS WITH APPLIED FILM
G4	1/4" CLEAR GLASS
G5	1" INSULATED CLEAR GLASS
G6	1/4" CLEAR GLASS WITH APPLIED FILM
G7	2 LAYERS CLEAR FIRE-RATED GLASS WITH SPACER; 2 1/4" TOTAL THICKNESS (120 MINUTE RATING)
G8	10.5mm LAMINATED SOUND REDUCTION GLASS
G9	10.5mm LAMINATED SOUND REDUCTION GLASS WITH APPLIED FILM
G10	5/16" 90 MINUTE FIRE RATED GLASS (TGP FIRELITE PLUS)

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HIGHLANDS
ONCOLOGY

HIGHLANDS BUILDING AT
PINNACLE HILLS
SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key Plan

No.	Description	Date
1	ADDENDUM 02	01/16/26
2	ADDENDUM 03	02/04/26
3	P.R. #03	08/28/26

PROJECT NO: 23302901
ISSUE DATE: 07/27/26
CONTACT: W. BURGESS
QC BY:
QC DATE:

No. C-698
09/01/26

CONSTRUCTION
DOCUMENTS

DOOR, HARDWARE, AND
GLAZING SCHEDULES

A-601

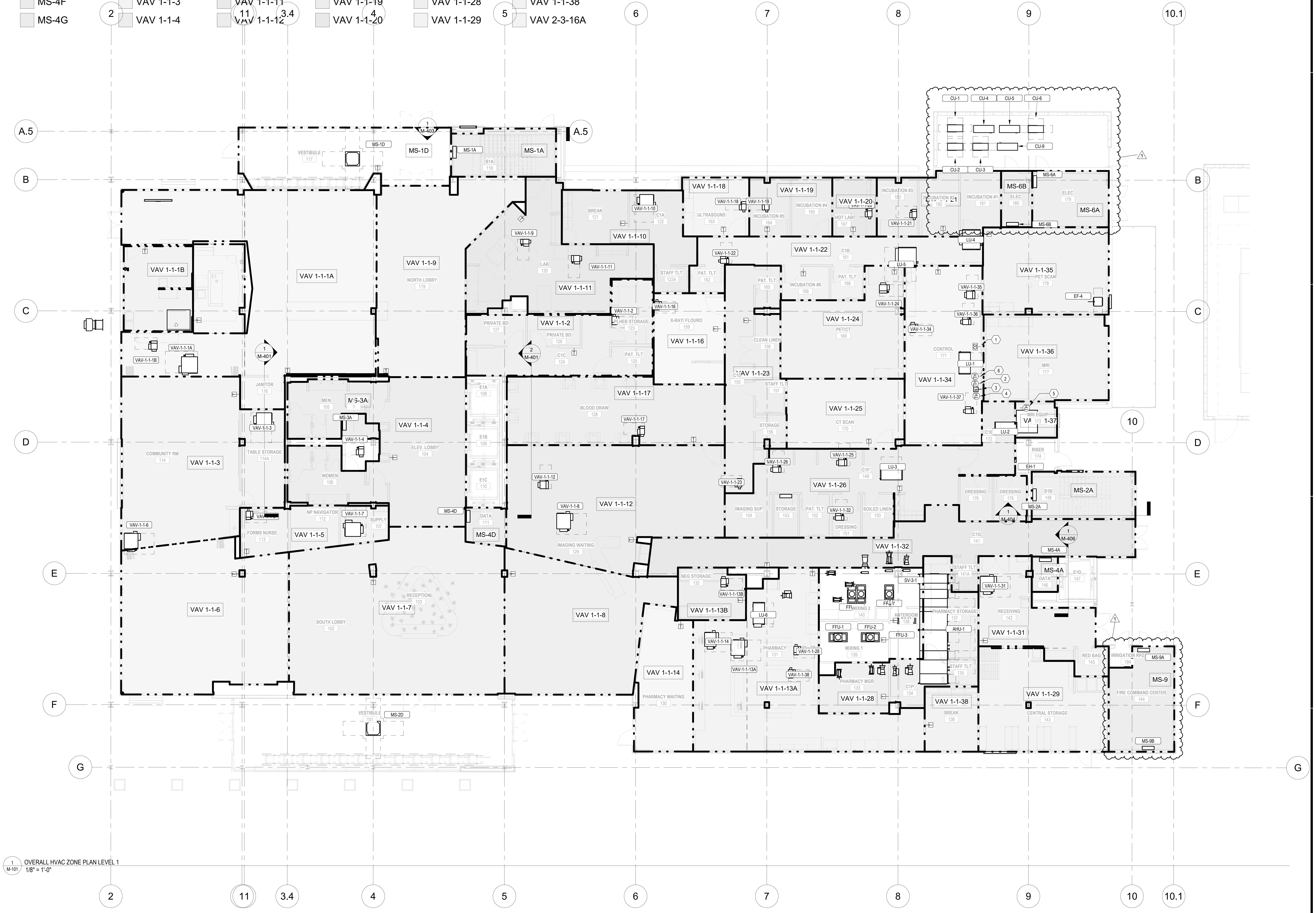
DRAWING: Autodesk Docs://23302901 - HOG2/HOG2-ARCH-2026.rvt

HVAC ZONE LEGEND - LEVEL 1

- ▨ MS-1A
- ▨ MS-2A
- ▨ MS-3A
- ▨ MS-4A
- ▨ MS-4D
- ▨ MS-4E
- ▨ MS-4F
- ▨ MS-4G
- ▨ MS-6A
- ▨ MS-6B
- ▨ MS-9
- ▨ VAV 1-1-1A
- ▨ VAV 1-1-1B
- ▨ VAV 1-1-2
- ▨ VAV 1-1-3
- ▨ VAV 1-1-4
- ▨ VAV 1-1-5
- ▨ VAV 1-1-6
- ▨ VAV 1-1-7
- ▨ VAV 1-1-8
- ▨ VAV 1-1-9
- ▨ VAV 1-1-10
- ▨ VAV 1-1-11
- ▨ VAV 1-1-12
- ▨ VAV 1-1-13A
- ▨ VAV 1-1-13B
- ▨ VAV 1-1-14
- ▨ VAV 1-1-16
- ▨ VAV 1-1-17
- ▨ VAV 1-1-18
- ▨ VAV 1-1-19
- ▨ VAV 1-1-20
- ▨ VAV 1-1-21
- ▨ VAV 1-1-22
- ▨ VAV 1-1-23
- ▨ VAV 1-1-24
- ▨ VAV 1-1-25
- ▨ VAV 1-1-26
- ▨ VAV 1-1-28
- ▨ VAV 1-1-29
- ▨ VAV 1-1-31
- ▨ VAV 1-1-32
- ▨ VAV 1-1-34
- ▨ VAV 1-1-35
- ▨ VAV 1-1-36
- ▨ VAV 1-1-37
- ▨ VAV 1-1-38
- ▨ VAV 2-3-16A
- ▨ VAV 2-3-16B

KEYNOTES

1 O2 SENSOR INSTALLED IN CONTROL ROOM WITH SAMPLING TUBE INTO MRI.
2 TH SENSOR LOCATED IN AHU RETURN DUCT
3 SWITCH FOR EXHAUST FAN. INSTALL PER DIV 26.
4 MRI TEMP HUMIDITY STAT TO CONTROL BOTH VAV 1-1-36 AND LU-1
5 EQUIPMENT ROOM TEMP AND HUMIDITY STAT TO CONTROL LU-2 AND VAV-1-1-37
6 TH SENSOR LOCATED IN LIEBERT UNIT RETURN DUCT



1 M-101 OVERALL HVAC ZONE PLAN LEVEL 1
1/8" = 1'-0"

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ROGERS, AR

HIGHLANDS
ONCOLOGY GROUP

SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key

No.	Description	Date
1	P.R. #03	08/28/26

PROJECT 230303R
ISSUE 11/26/25
CONTAC W.BURGESS
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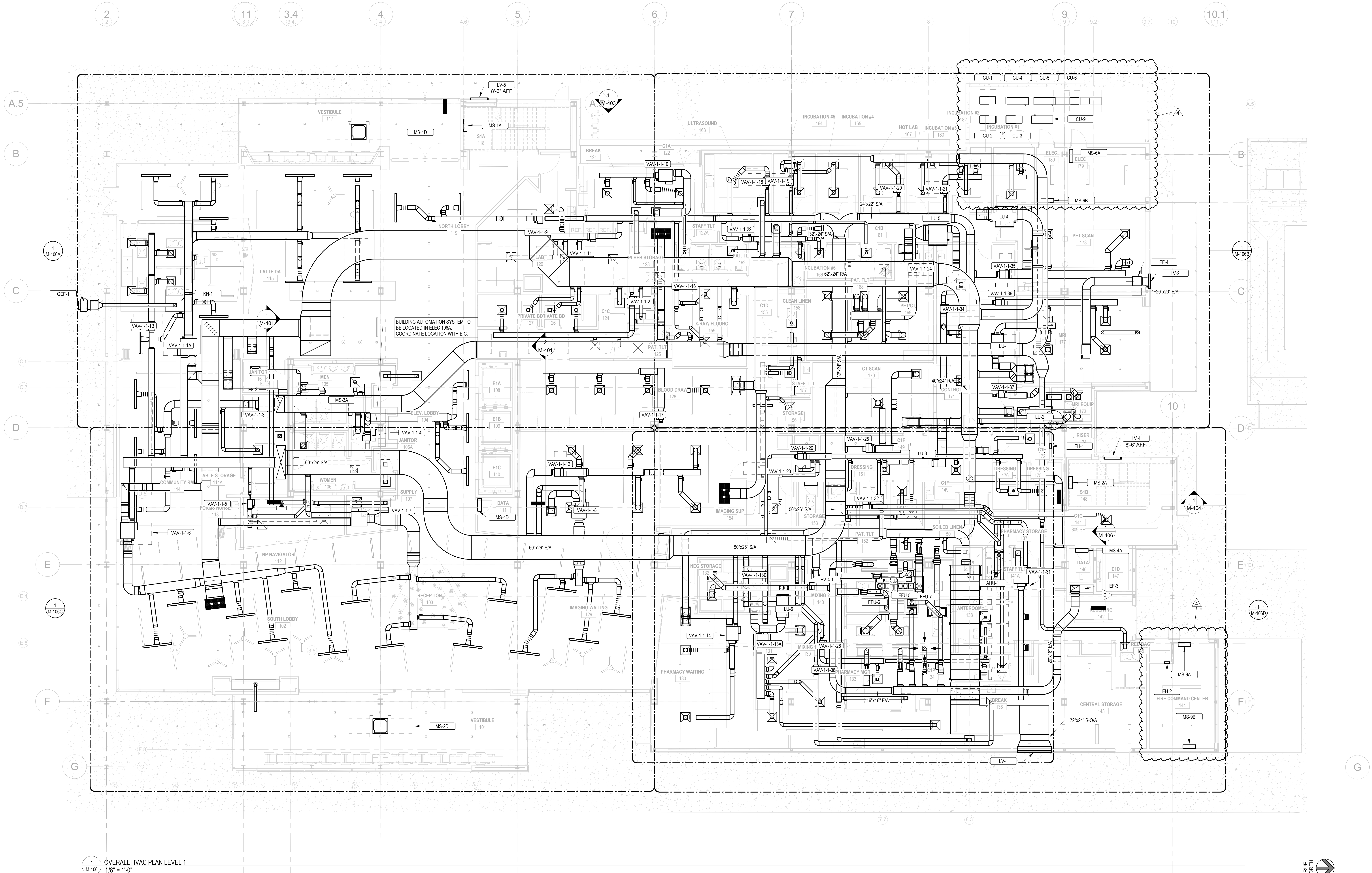
STEPHEN D. EDMONDSON
No. 19299
09/02/26

OVERALL HVAC ZONE
PLAN LEVEL 1

M-101



1
M-106

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

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Key

No.	Description	Date
1	ADDENDUM 03	02/04/26
2	P.R. #01	07/02/26
3	RFI #78	08/07/26
4	P.R. #03	08/28/26

PROJECT	230303R
ISSUE	11/26/25
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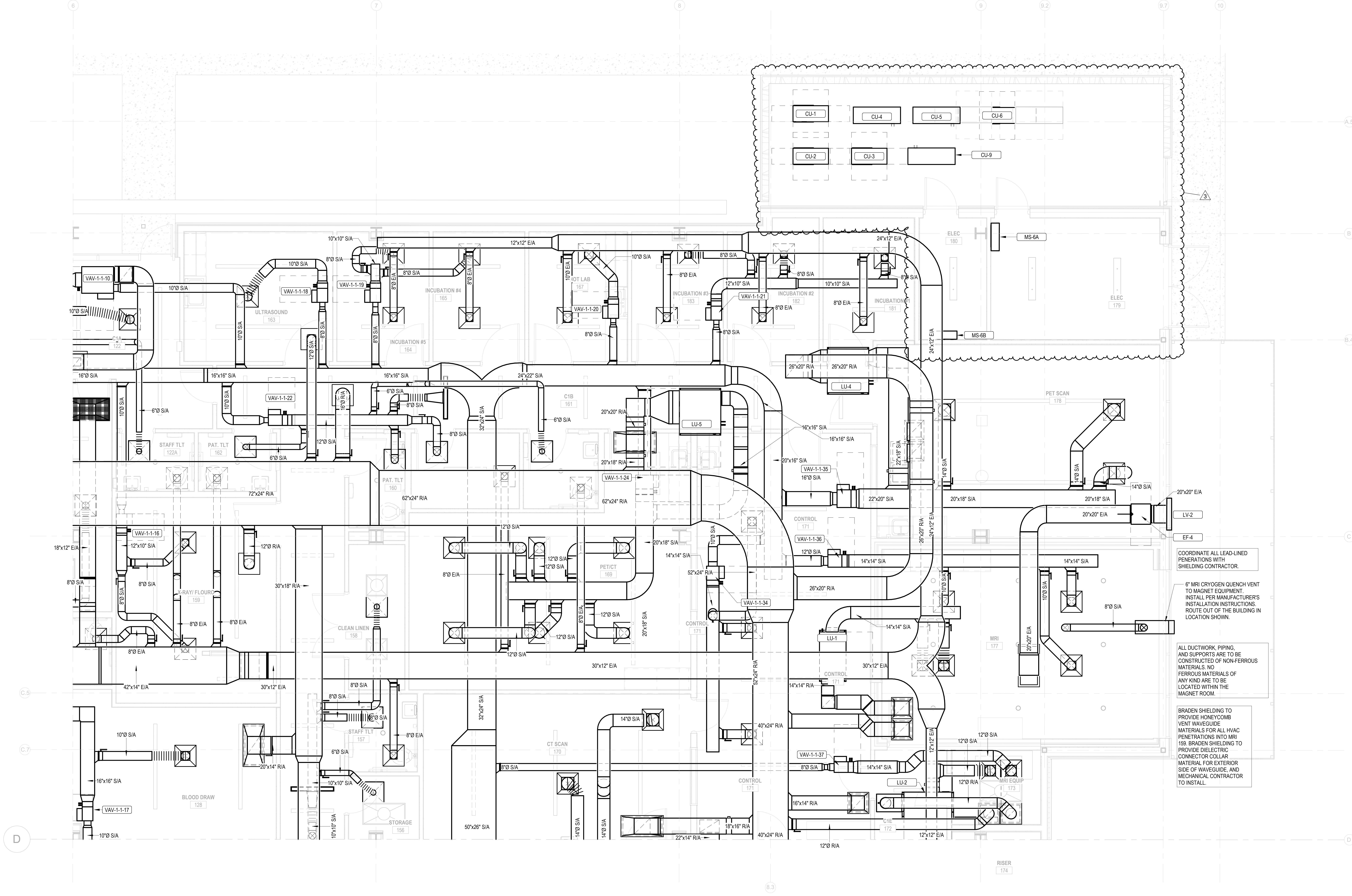
STEPHEN D. EDMONDSON
No. 19299
09/02/26

OVERALL HVAC PLAN
LEVEL 1

M-106



COORDINATE ALL LEAD-LINED PENERATIONS WITH SHIELDING CONTRACTOR.

6" MRI CRYOGEN QUENCH VENT TO MAGNET EQUIPMENT. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. ROUTE OUT OF THE BUILDING IN LOCATION SHOWN.

ALL DUCTWORK, PIPING, AND SUPPORTS ARE TO BE CONSTRUCTED OF NON-FERROUS MATERIALS. NO FERROUS MATERIALS OF ANY KIND ARE TO BE LOCATED WITHIN THE MAGNET ROOM.

BRADEN SHIELDING TO PROVIDE HONEYCOMB VENT WAVEGUIDE MATERIALS FOR ALL HVAC PENETRATIONS INTO MRI 159. BRADEN SHIELDING TO PROVIDE DIELECTRIC CONNECTOR COLLAR MATERIAL FOR EXTERIOR SIDE OF WAVEGUIDE, AND MECHANICAL CONTRACTOR TO INSTALL.

1
M-106B
ENLARGED HVAC PLAN LEVEL 1 AREA B
1/4" = 1'-0"

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1	ADDENDUM 02	01/15/25
2	ADDENDUM 03	02/04/26
3	P.R. #03	08/28/26

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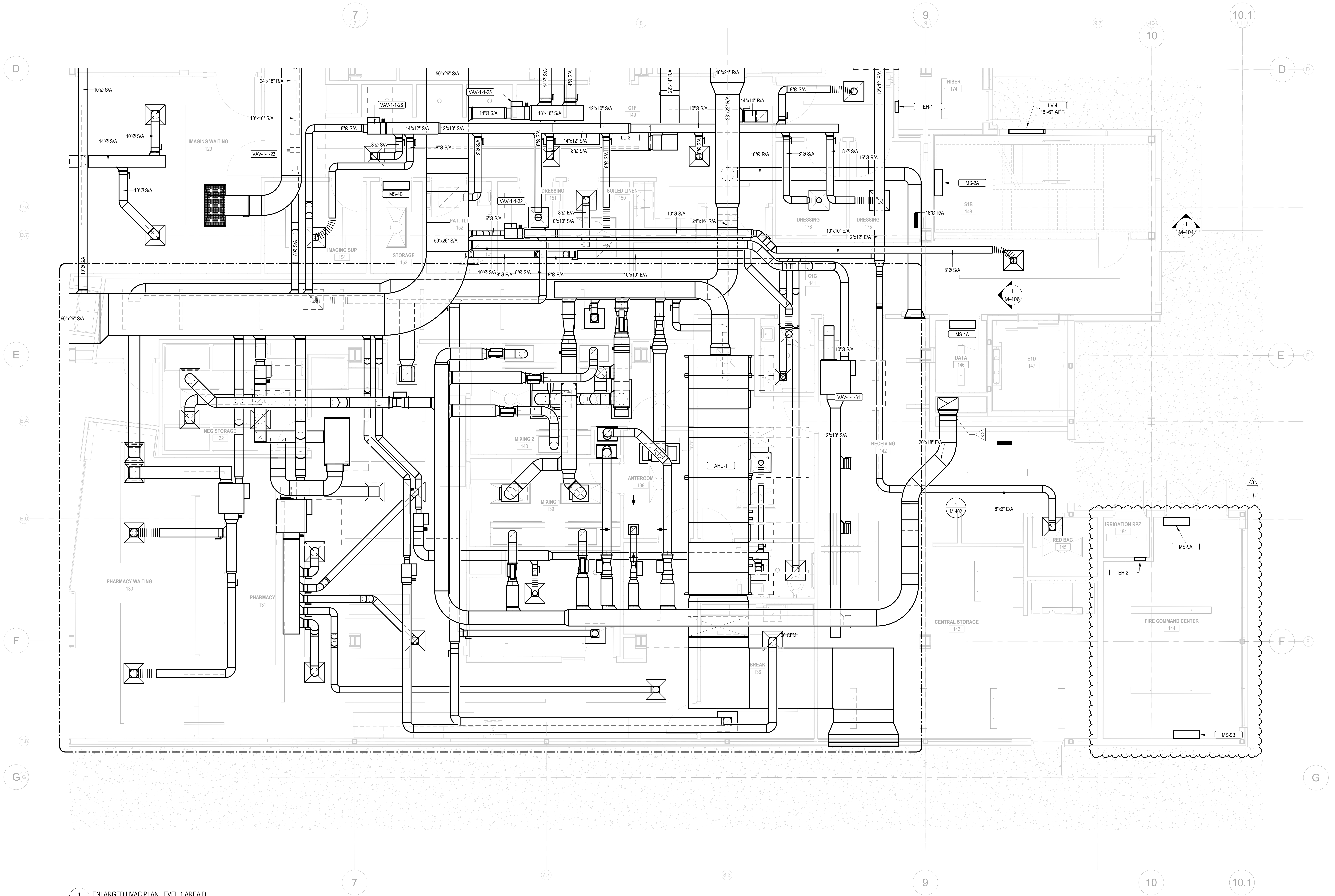
09/02/26

ENLARGED HVAC PLAN
LEVEL 1 - AREA B

M-106B



1
M-106D
ENLARGED HVAC PLAN LEVEL 1 AREA D
1/4" = 1'-0"

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1	ADDENDUM 03	02/04/26
2	P.R. #01	07/02/26
3	P.R. #03	08/28/26

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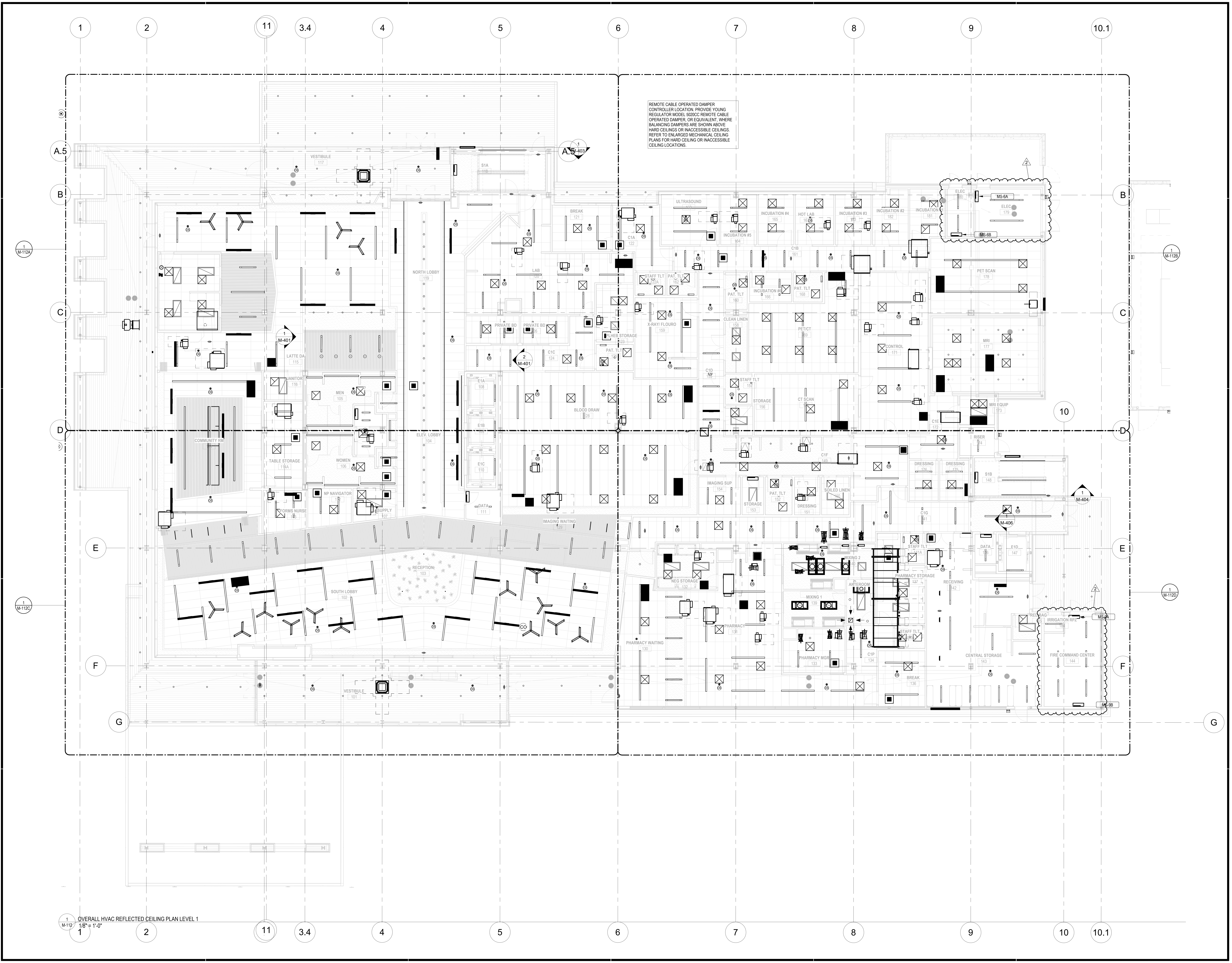
ENLARGED HVAC PLAN
LEVEL 1 - AREA D

M-106D



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1
M-112
OVERALL HVAC REFLECTED CEILING PLAN LEVEL 1
1/8" = 1'-0"

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No.	Description	Date
1	ADDENDUM 03	02/04/26
2	P.R. #03	08/28/26

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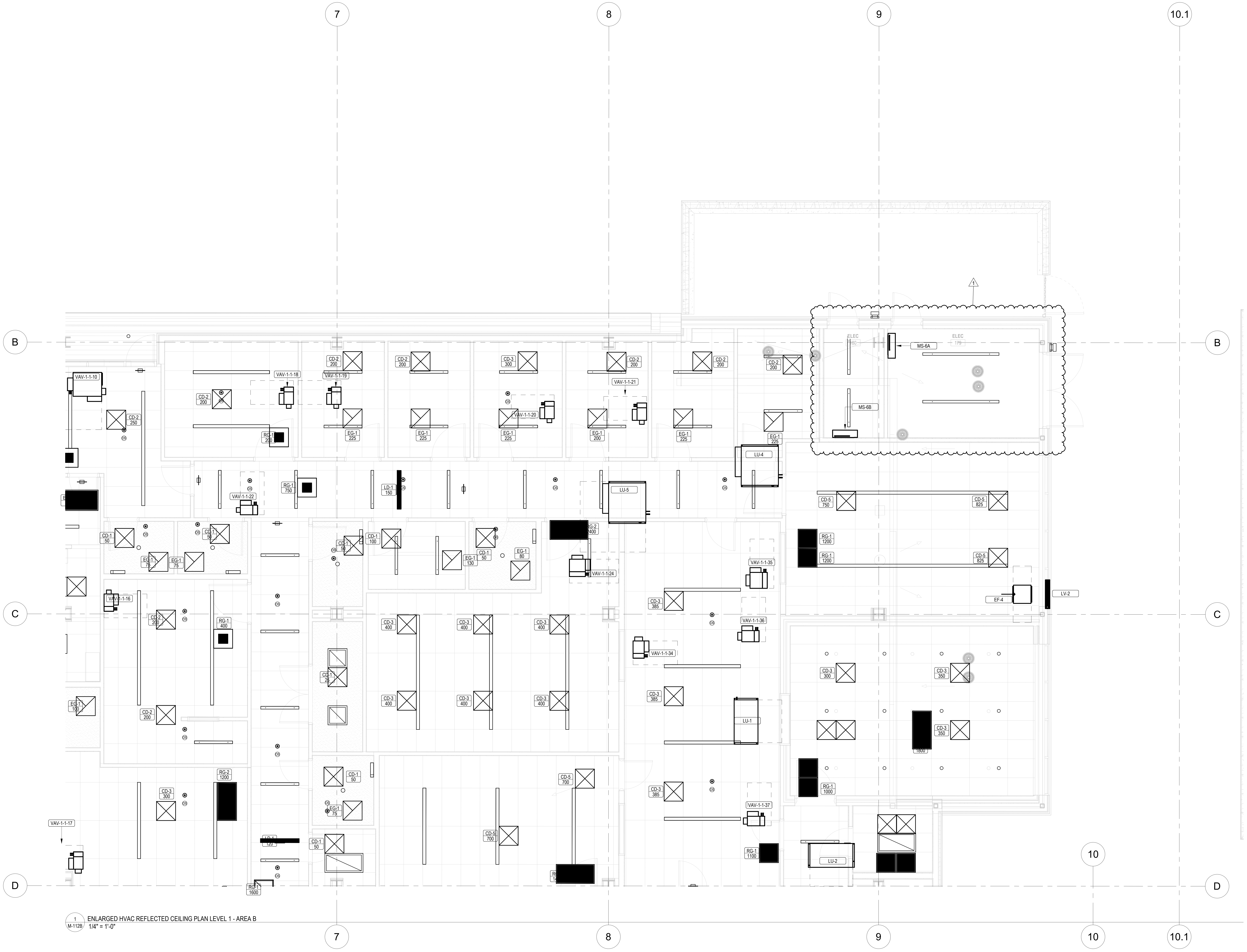
STEPHEN D. EDMONDSON
No. 19299
09/02/26

OVERALL HVAC
REFLECTED CEILING
PLAN LEVEL 1

M-112



1
M-112B
ENLARGED HVAC REFLECTED CEILING PLAN LEVEL 1 - AREA B
1/4" = 1'-0"

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No.	Description	Date
1	P.R. #03	08/28/26

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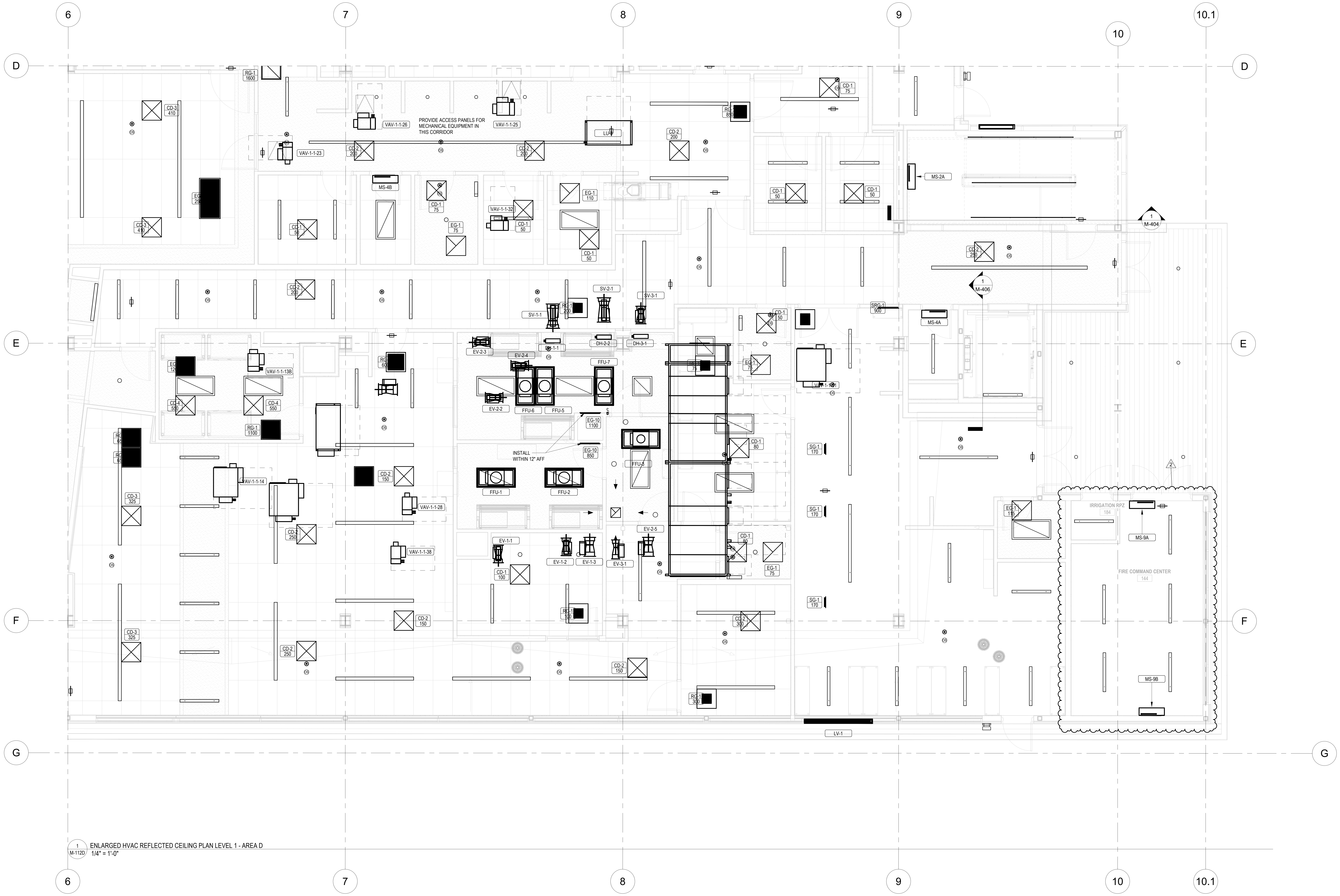
09/02/26

ENLARGED HVAC
REFLECTED CEILING
PLAN LEVEL 1 - AREA B

M-112B



1 M-112D ENLARGED HVAC REFLECTED CEILING PLAN LEVEL 1 - AREA D
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No.	Description	Date
1	ADDENDUM 03	02/04/26
2	P.R. #03	08/28/26

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STEPHEN D. EDMONDSON
No. 19299
09/02/26

ENLARGED HVAC
REFLECTED CEILING
PLAN LEVEL 1 - AREA D

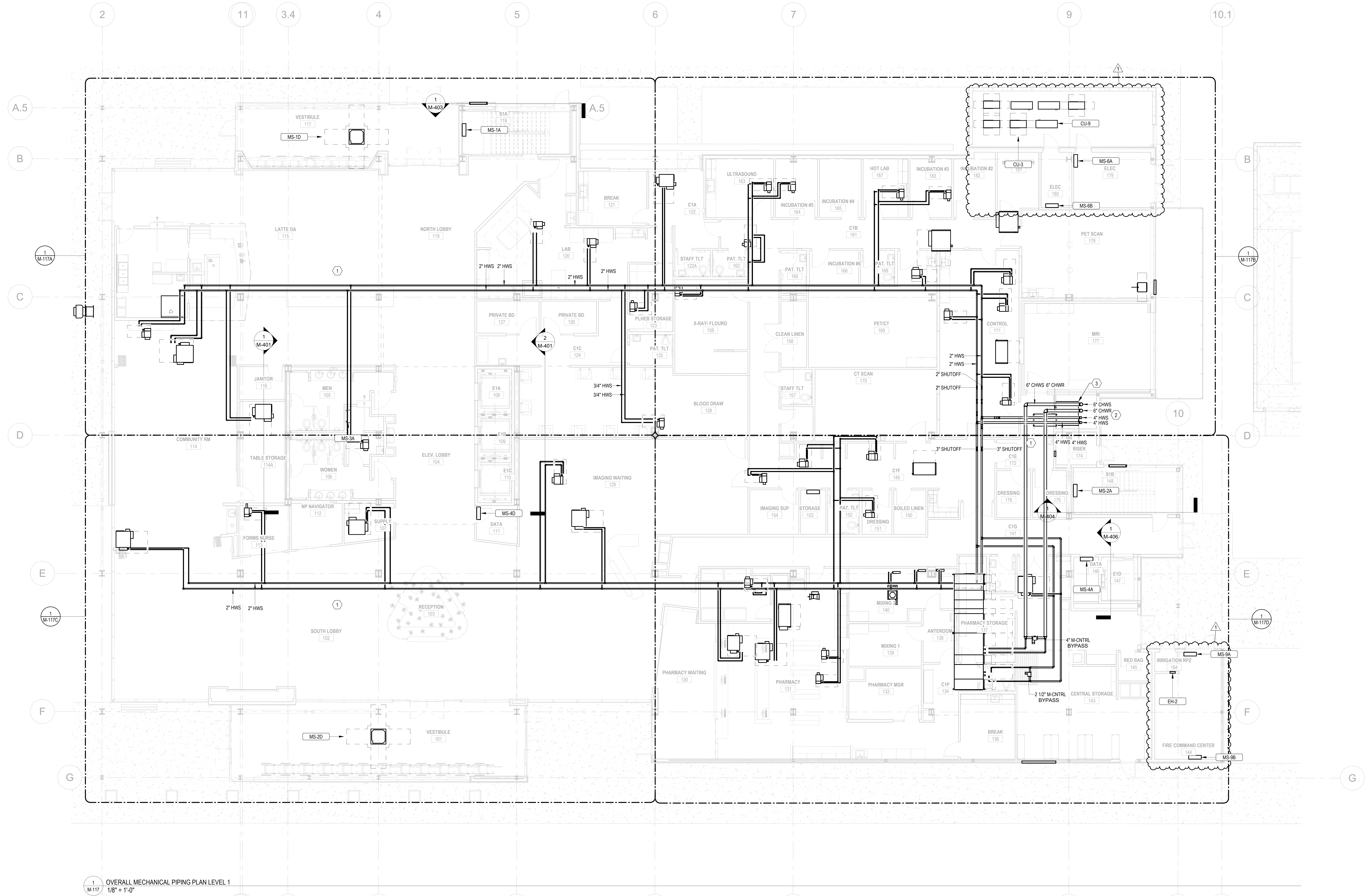
M-112D

KEYNOTES

1 PROVIDE PIPINGTHERMAL EXPANSION JOINTS AS SPECIFIED BY SUPPLIER. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. TYP

2 HYDRONIC PIPING FROM PIPING CHASE TO ABOVE CEILING.

3 PROVIDE DRAIN PANS FOR ALL OVERHEAD PIPING CROSSING OVER EQUIPMENT/EQUIPMENT ROOMS. ROUTE DRAIN PAN(S) TO NEAREST APPROVED WASTE RECEPTICAL.



1 M-117 OVERALL MECHANICAL PIPING PLAN LEVEL 1
1/8" = 1'-0"

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No.	Description	Date
1	P.R. #03	08/28/26

PROJECT 230303R
ISSUE 11/26/25
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09/02/26

OVERALL MECHANICAL
PIPING PLAN LEVEL 1

M-117

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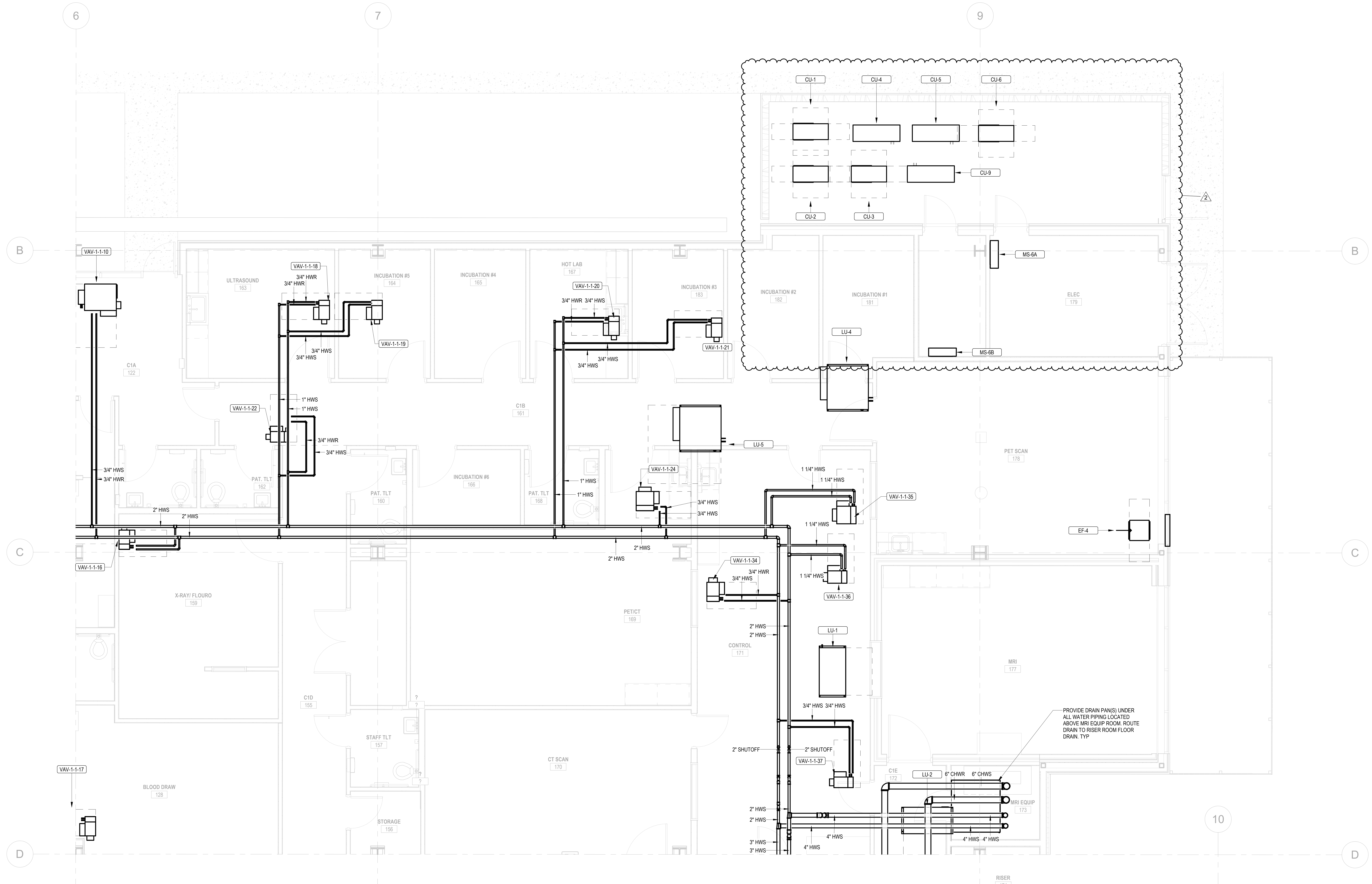

1 M-117B ENLARGED MECHANICAL PIPING PLAN LEVEL 1 AREA B
1/4" = 1'-0"

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1450 E. Zion Road, Suite 9
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HIGHLANDS BUILDING
ROGERS, AR
HIGHLANDS
ONCOLOGY GROUP
SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key

No.	Description	Date
1	ADDENDUM 03	02/04/26
2	P.R. #03	08/28/26

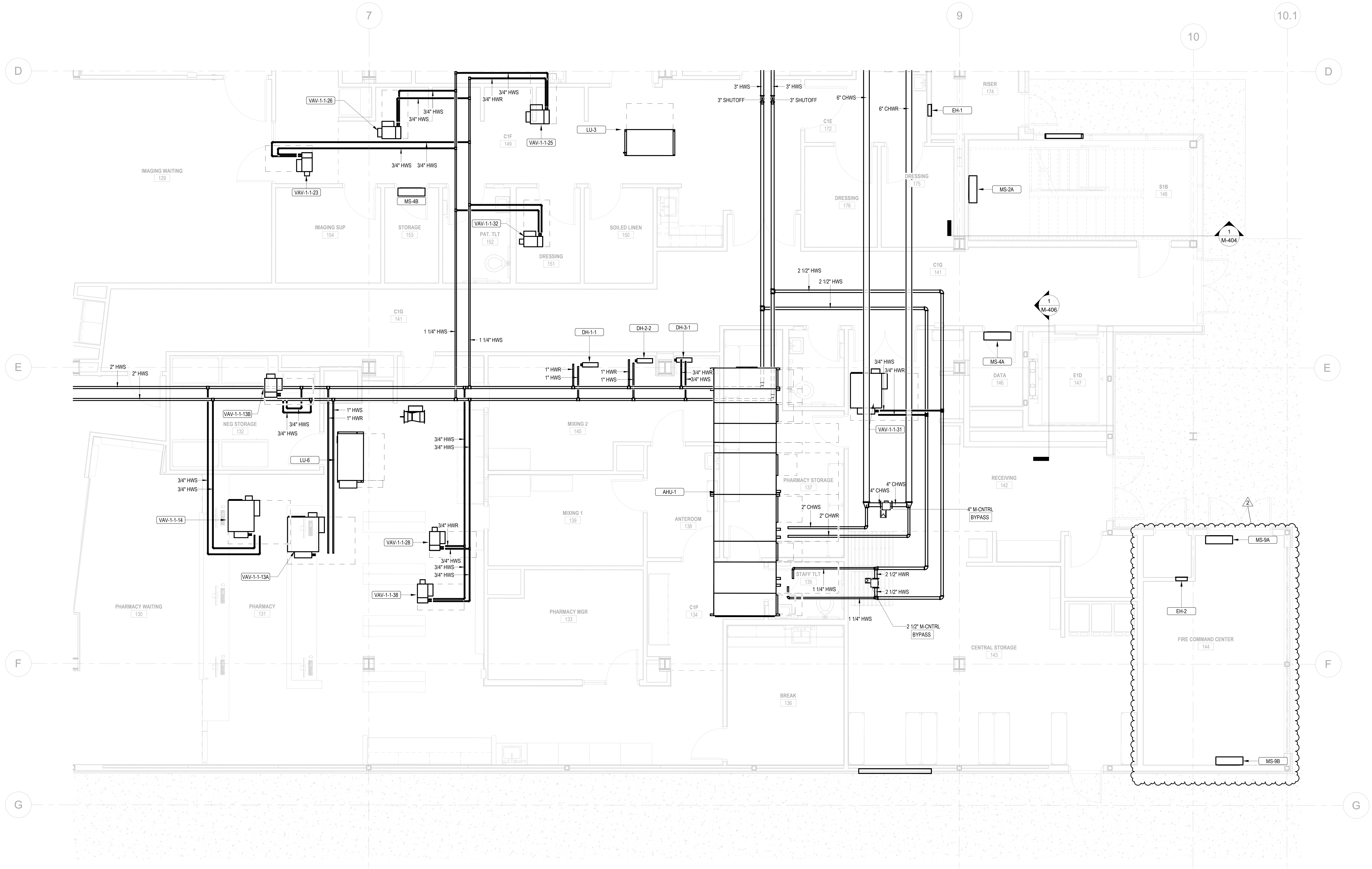
PROJECT 230303R
ISSUE 11/26/25
CONTAC W.BURGESS
CHECKED

100%

STEPHEN D. EDMONDSON
No. 19299
09/02/26

ENLARGED MECHANICAL
PIPING PLAN LEVEL 1 -
AREA B

M-117B



1
M-117D
ENLARGED MECHANICAL PIPING PLAN LEVEL 1 AREA D
1/4" = 1'-0"

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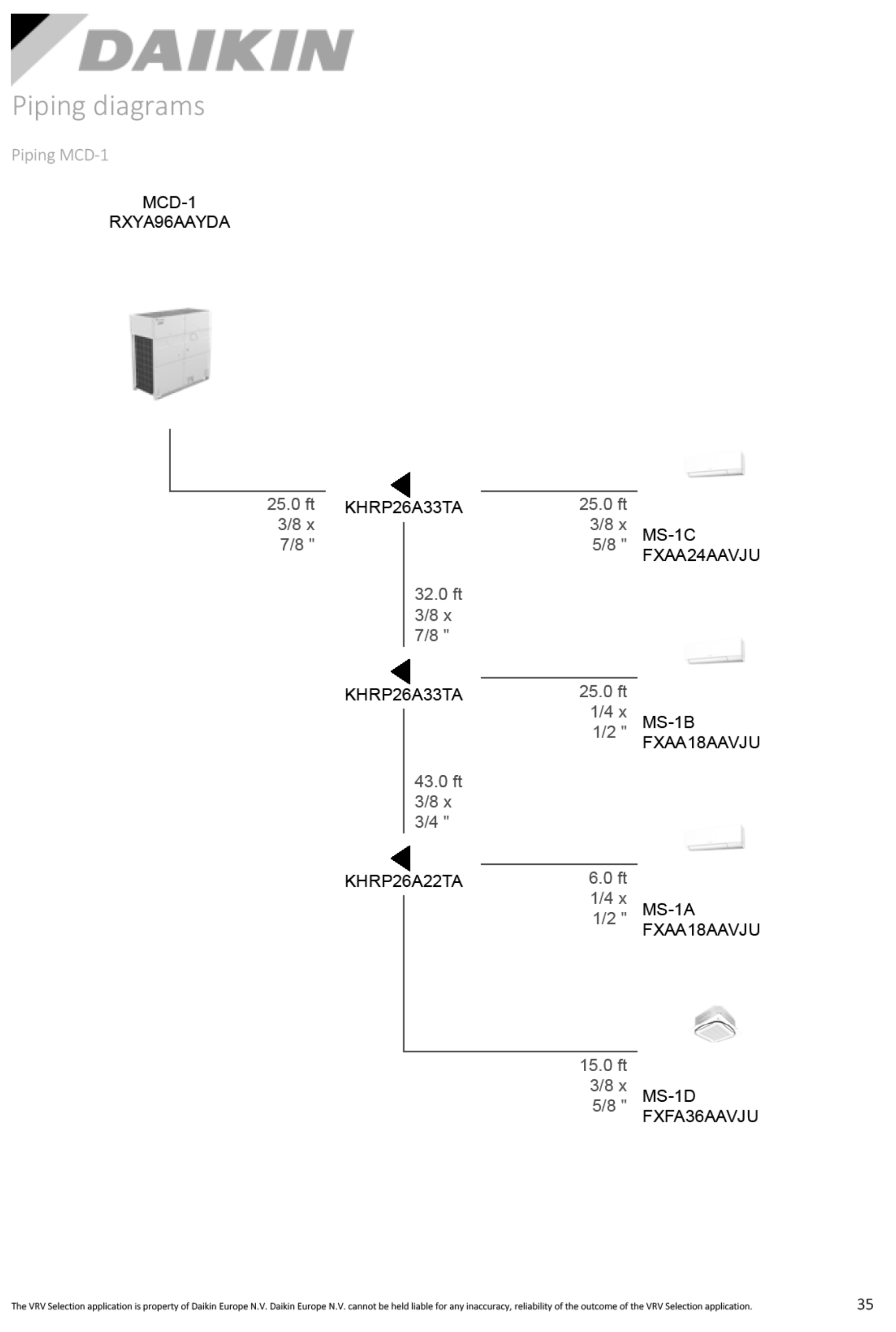
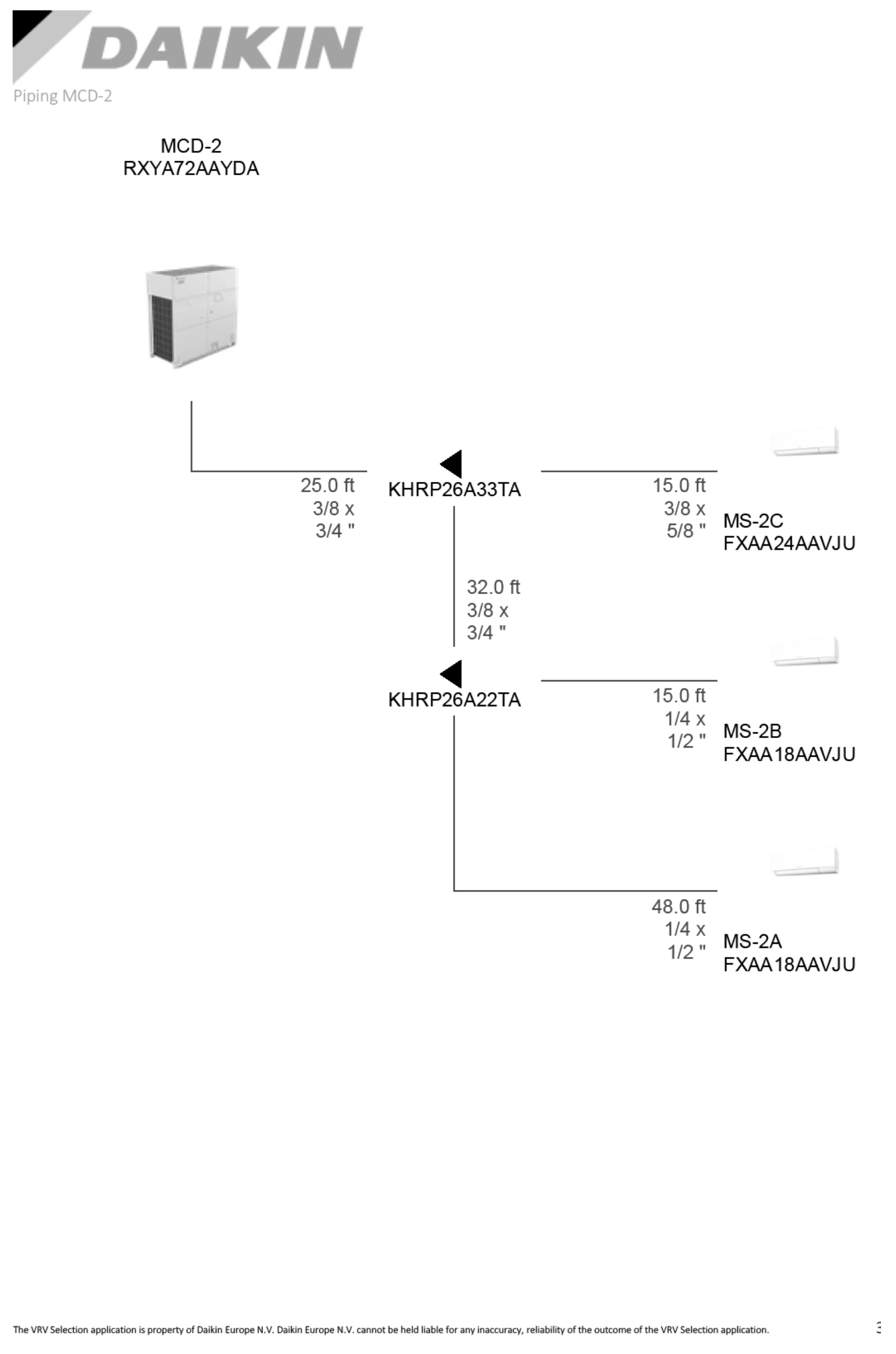
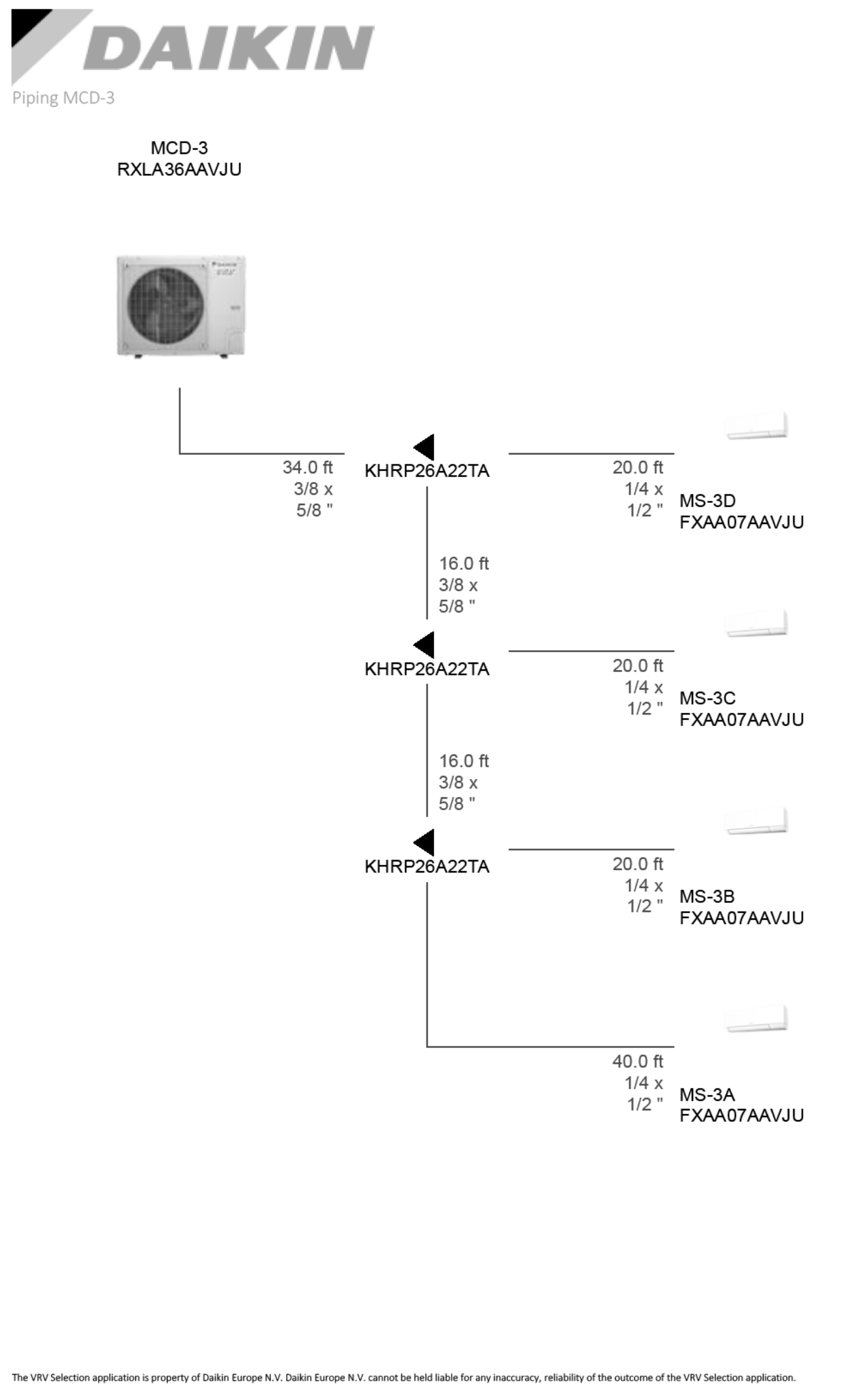
STEPHEN D. EDMONDSON
No. 19299
09/02/26

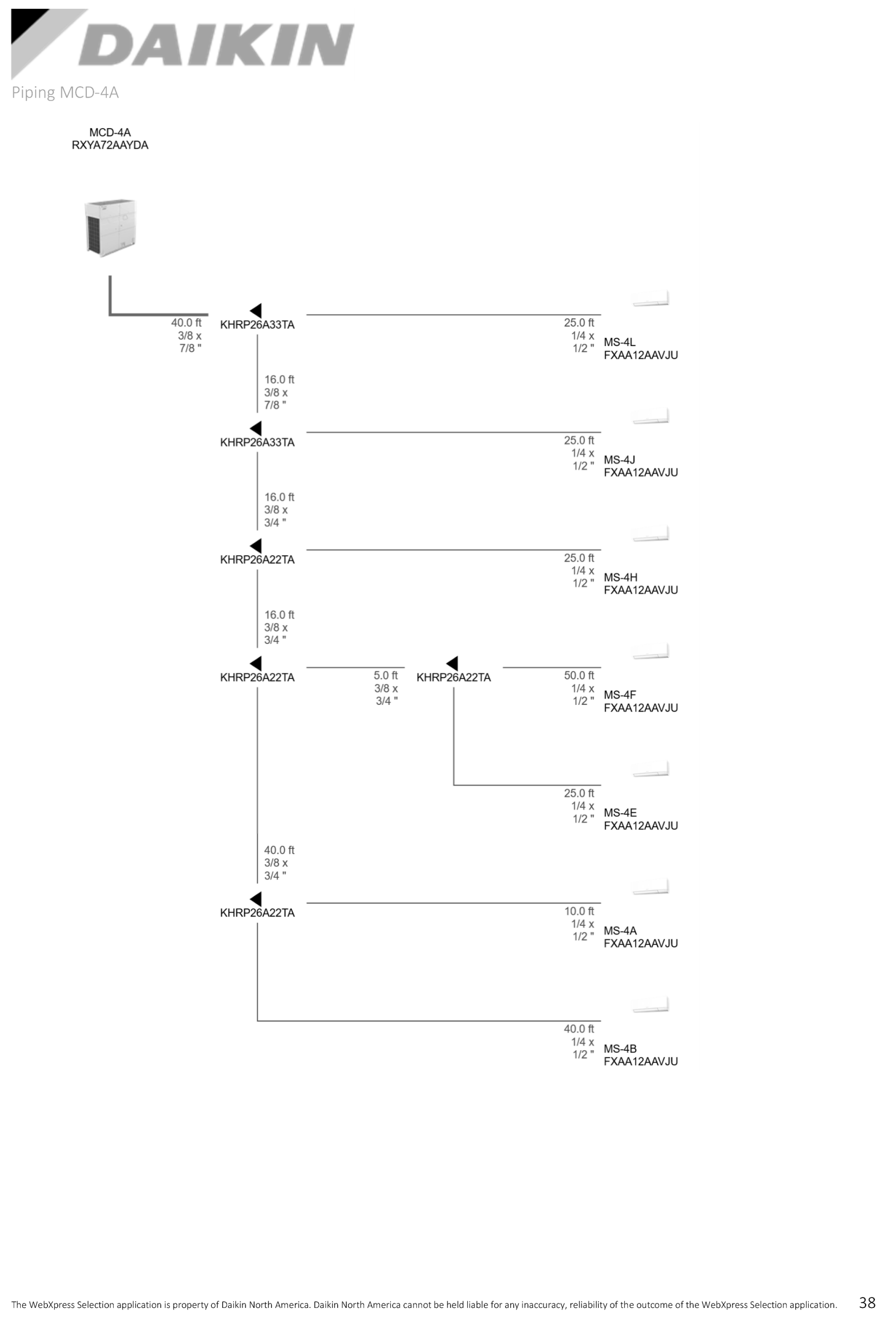
ENLARGED MECHANICAL
PIPING PLAN LEVEL 1 -
AREA D

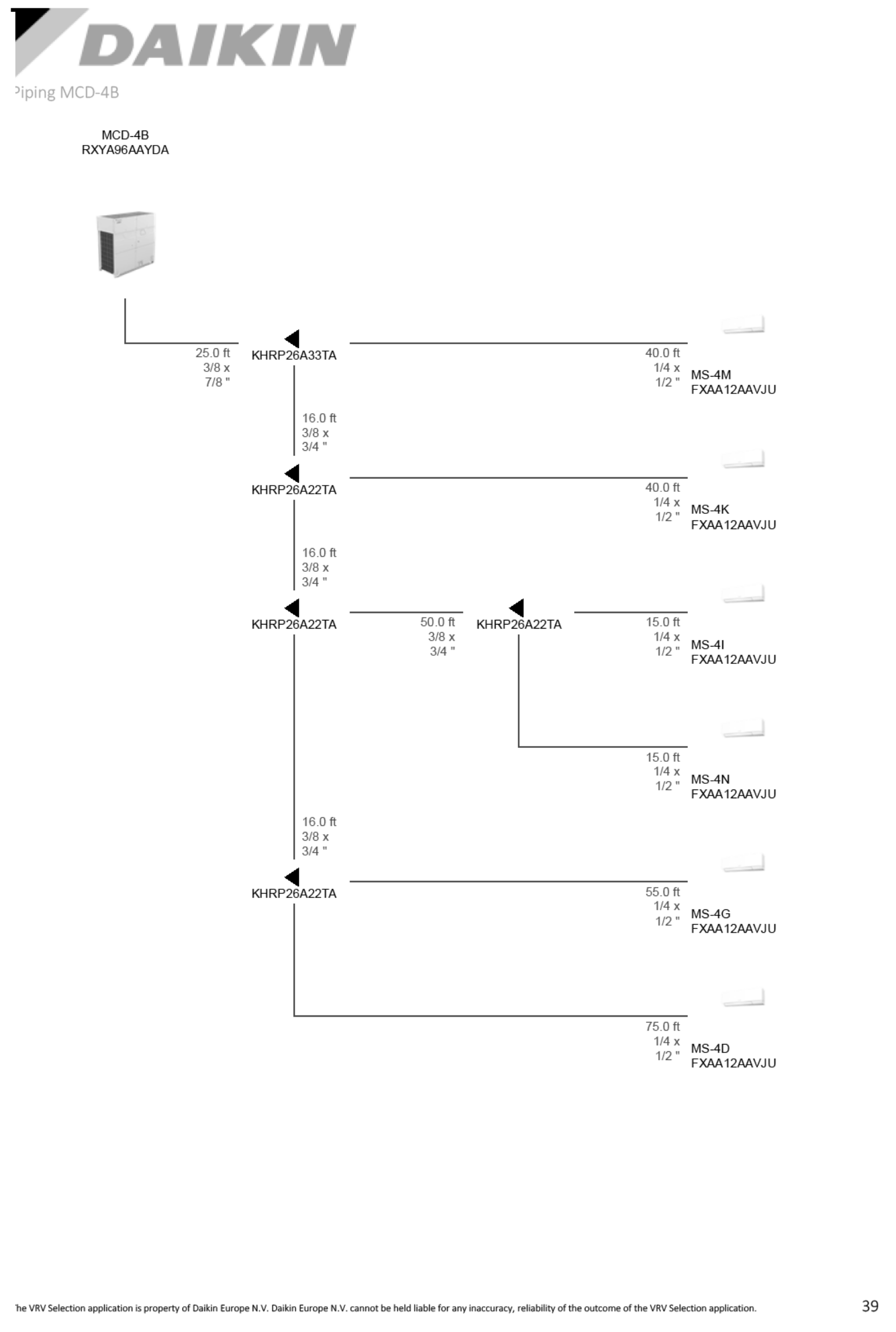
M-117D

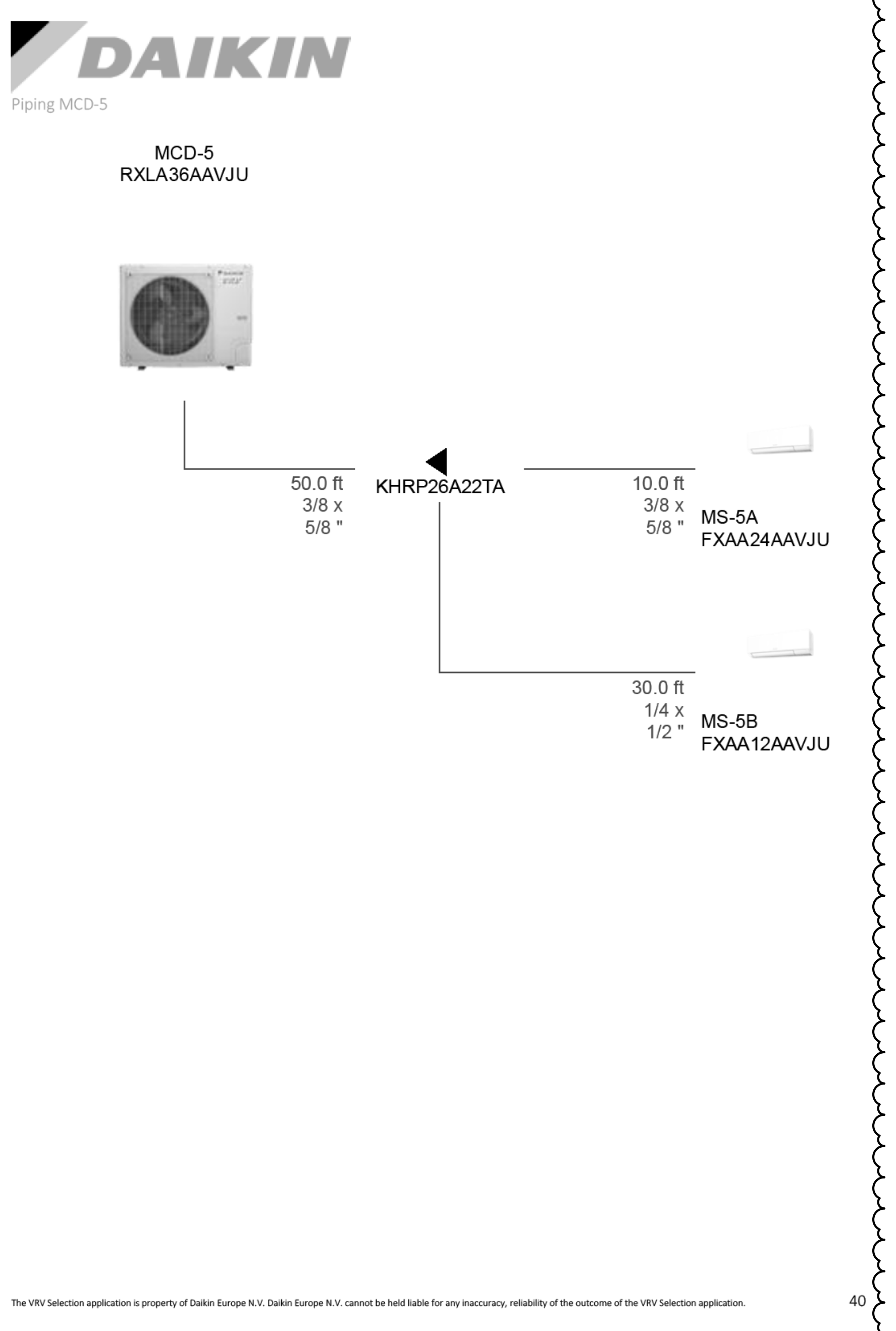


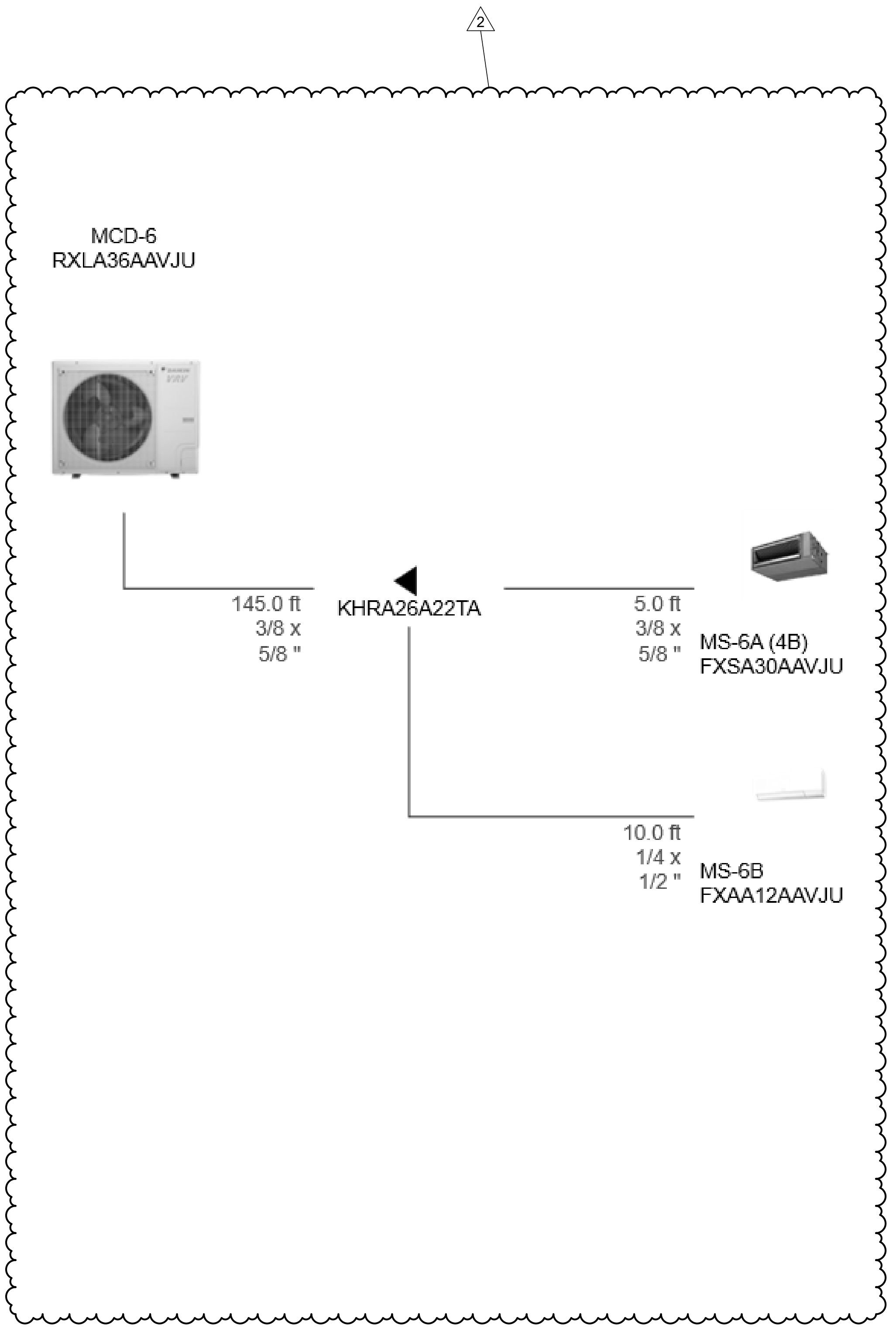


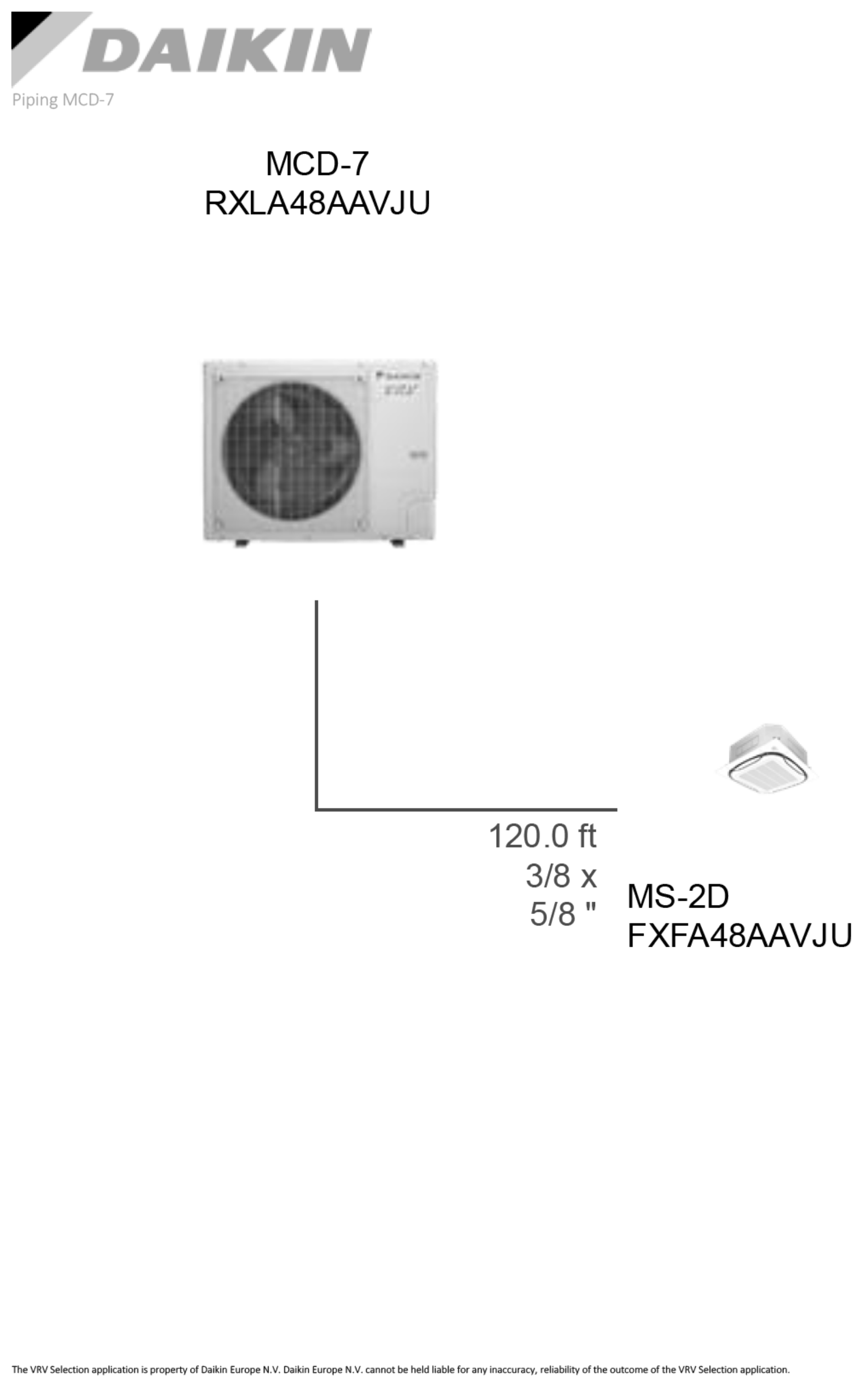







DAIKIN
Piping MCD-5
MCD-5
RXLA36AAVJU
50.0 ft
3/8 x
5/8 "
KHRP26A22TA
10.0 ft
3/8 x
5/8 "
MS-5A
FXAA24AAVJU
30.0 ft
1/4 x
1/2 "
MS-5B
FXAA12AAVJU
The VRV Selection application is property of Daikin Europe N.V. Daikin Europe N.V. cannot be held liable for any inaccuracy, reliability of the outcome of the VRV Selection application.
40




DAIKIN
Piping MCD-7
MCD-7
RXLA48AAVJU
120.0 ft
3/8 x
5/8 "
MS-2D
FXFA48AAVJU
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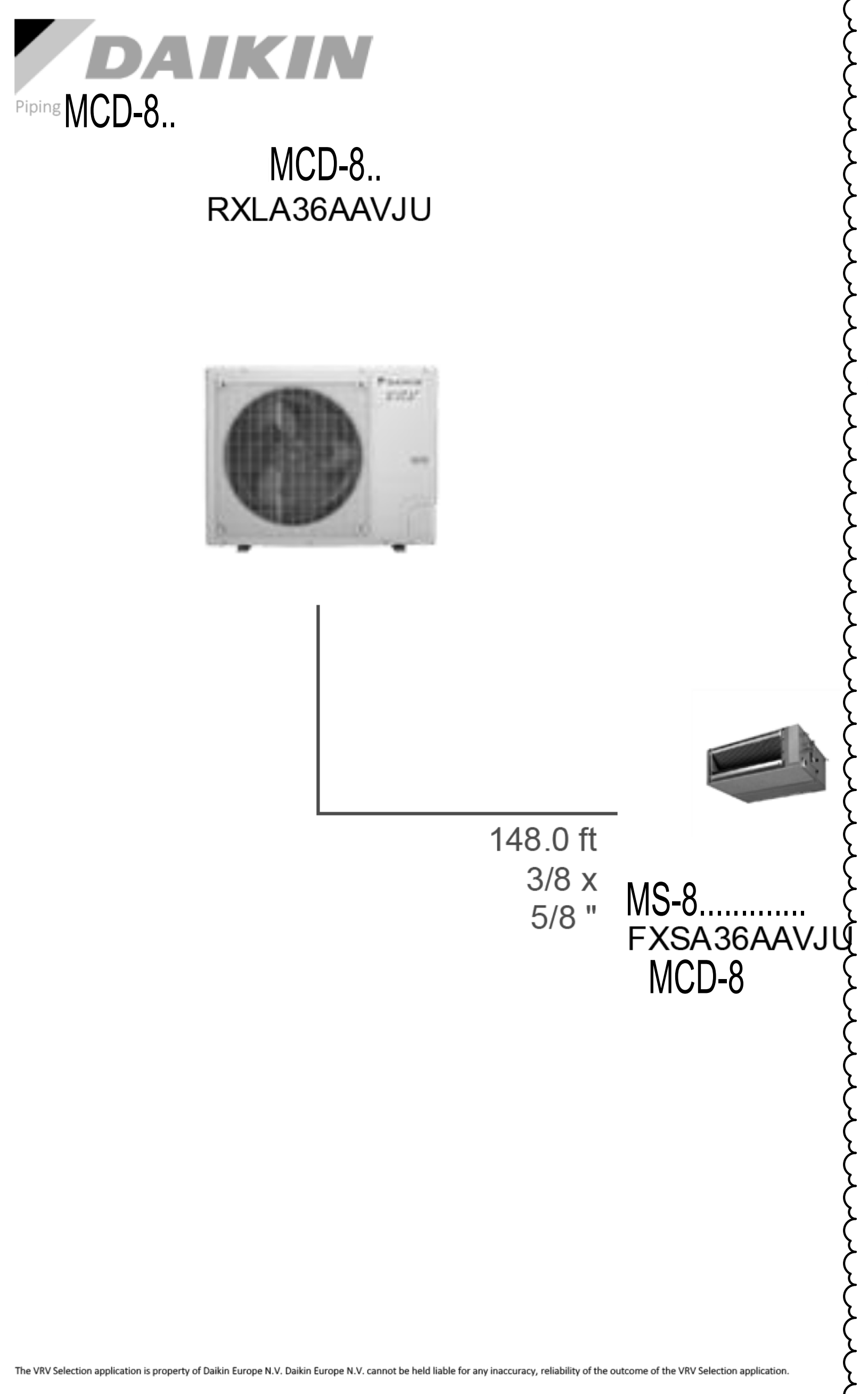
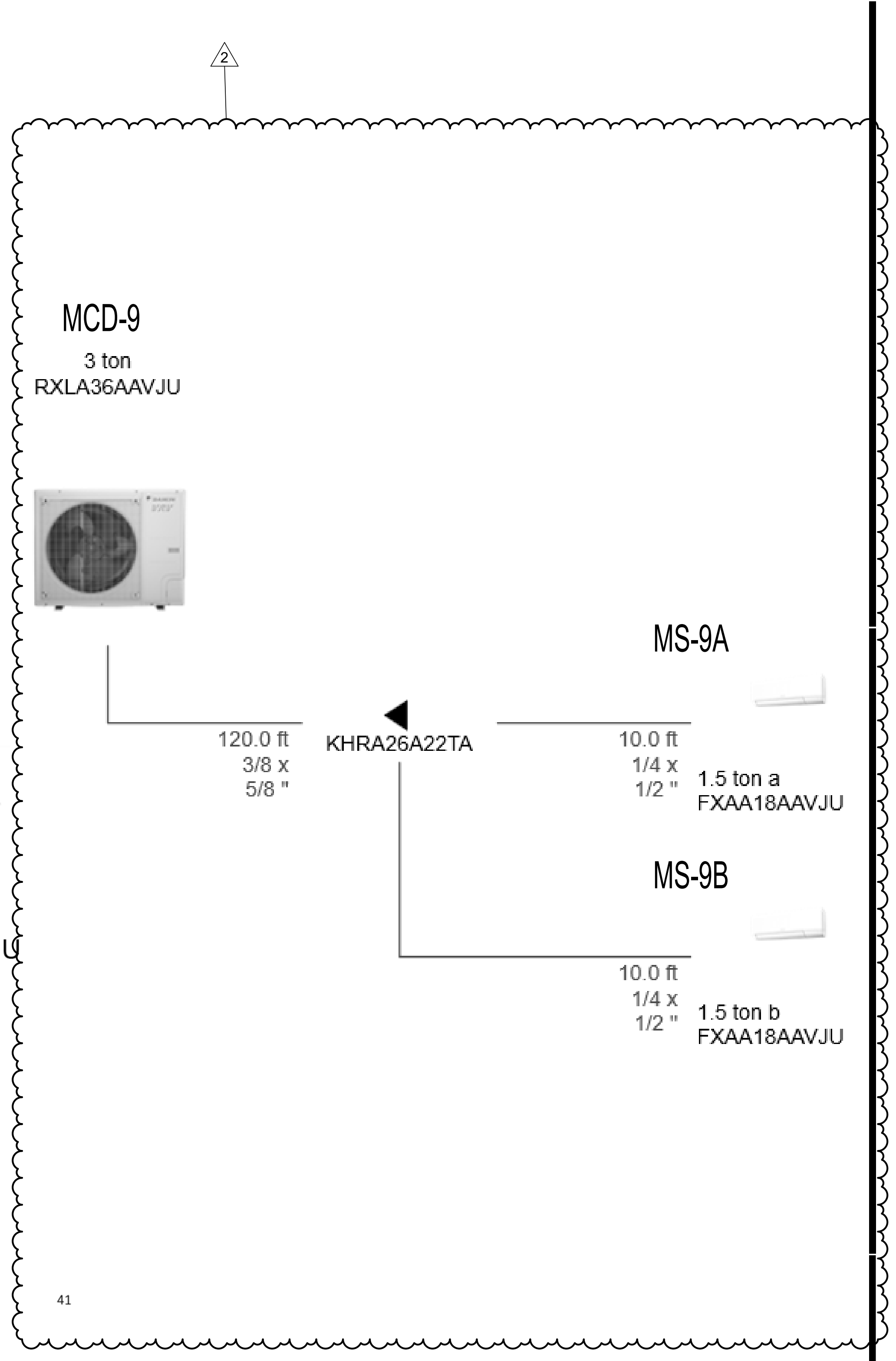

DAIKIN
Piping MCD-8..
MCD-8..
RXLA36AAVJU
148.0 ft
3/8 x
5/8 "
MS-8............
FXSA36AAVJU
MCD-8
The VRV Selection application is property of Daikin Europe N.V. Daikin Europe N.V. cannot be held liable for any inaccuracy, reliability of the outcome of the VRV Selection application.



VRF NOTES

1	CONTRACTOR TO FIELD-VERIFY THE INSTALL ACCURATELY MATCHES THE MANUFACTURERS SUBMITTAL DRAWINGS INCLUDING BUT NOT LIMITED TO ALL REFRIGERANT PIPE SIZES, PIPE ELBOWS, PIPE LENGTHS, PIPE RISE/FALL AND RELATIVE EQUIPMENT ELEVATIONS. IF INSTALL DOES NOT MATCH CONTRACTOR TO OBTAIN REVISED MANUFACTURERS SUBMITTAL DRAWINGS. REVISED MANUFACTURERS DRAWINGS BE SUBMITTED TO THE ENGINEER BEFORE PRESSURE AND VACUUM TESTING.
2	PRESSURE AND VACUUM TESTING TO BE PERFORMED PER MANUFACTURER'S RECOMMENDATIONS AFTER ALL PIPING IN THE SYSTEM IS INSTALLED(NOT IN SECTIONS).
3	CONTRACTOR TO SCHEDULE FOR THE ENGINEER TO WITNESS PRESSURE AND VACUUM TESTING OF REFRIGERANT PIPING FOR APPROVAL RESULTS BEFORE EVACUATING AND FILLING. CONTRACTOR TO ASSIST THE ENGINEER AS REQUIRED IN VERIFICATION OF TESTING RESULTS.
4	VRF SYSTEM PRESSURE AND VACUUM TESTING SHOULD BE RECORDED, DOCUMENTED AND SUBMITTED TO THE ENGINEER BEFORE APPROVAL AND BEFORE EVACUATING AND FILLING.
5	EVACUATION AND REFRIGERANT FILL SHOULD BE DOCUMENTED AND SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE START-UP.
6	ALL REFRIGERANT CONNECTIONS TO BE PERFORMED WITH THE MANUFACTURER RECOMMENDED PIPE FLARING TOOL.
7	CONTRACTOR TO SCHEDULE AFTER SEASON CHANGE (+/- 6 MONTHS) AND INCLUDE IN BID TO RETURN TO THE SITE AND TORQUE ALL VALVES AND CONNECTIONS IN THE REFRIGERATION SYSTEM TO THE MANUFACTURERS RECOMMENDED TORQUE SETTING.
8	SOFT PIPING IS NOT TO BE BUNDLED TOGETHER, PROVIDE A MIN OF 2" SPACING. PROVIDE EXPANSION CONTROL ON HARD PIPING PER MANUFACTURERS RECOMMENDATIONS
9	BRANCH TAKEOFFS TO EACH INDOOR UNIT TO BE INSTALLED WITH SHUTOFF VALVES. ALL SHUTOFF VALVES TO BE APPROVED BY THE MANUFACTURER.
10	INSTALLING CONTRACTOR HAVE ATTENDED MANUFACTURERS INSTALLATION COURSE. CONTRACTOR TO BE CERTIFIED BY MANUFACTURER TO RECEIVE FULL LENGTH WARRANTEE.

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ROGERS, AR

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No.	Description	Date
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2	P.R. #03	08/28/26

PROJECT 230303R
ISSUE 11/26/25
CONTAC W.BURGESS
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100%

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 19299
STEPHEN D. EDMONDSON
09/02/26

VRF PIPING DIAGRAMS

M-503

VARIABLE REFRIGERANT VOLUME - AIR-COOLED CONDENSING UNIT SCHEDULE

TAG: ROOM	BASIS OF DESIGN (DAIKIN)	NOMINAL TONNAGE	DESCRIPTION	COOLING CAPACITY BTU/h	COOLING CAPACITY AMBIENT DESIGN (°F DB)	HEATING CAPACITY BTU/h	HEATING CAPACITY AMBIENT DESIGN (°F DB / WB)	REFRIGERANT CHARGE Factory Charge (lbs)	REFRIGERANT CHARGE Add'l Refrigerant (lbs)	CONNECTION RATIO (%)	ELECTRICAL VOLTAGE-PHASE	MIN CIRCUIT AMPS (MCA) mod #1	MCA mod #2	MCA mod #3	MCA total	MAX OVERCURRENT PROTECTION (MOP) mod #1	MOP mod #2	MOP mod #3	MOP total	RUNNING CURRENT(RLA) mod #1	RLA mod #2	RLA mod #3	RLA total	FAN COMPRESSOR INVERTER DRIVE INPUT(FCIDI) mod #1	FCIDI mod #2	FCIDI mod #3	FCIDI total	DIMENSIONS (WxHxD) (inch)	WEIGHT (lbs)	EER	EER2	IEER	COP47	COP17	SCHE	SEER	SEER2	HSPF	HSPF2	NOTES	Options and Accessories
MCD-1	RXYA96AAYDA	8	Air cooled heat pump (1)	78,703	100.0	72,316	0.0 / -2.0	24.9	8.0	100.0	460V 3ph	17.5			17.5	20.0			20.0				0.0				0	48.8 x 65.4 x 30.1	725.3	12.2 / 12	n/a / n/a	24.5 / 20.8	3.5 / 3.4	2.3 / 2.25	n/a	n/a / n/a	n/a / n/a	n/a / n/a	n/a / n/a		
MCD-2	RXYA72AAYDA	6	Air cooled heat pump (1)	59,322	100.0	49,512	0.0 / -2.0	15.2	3.4	83.3	460V 3ph	14.9			14.9	20.0			20.0				0.0				0	36.6 x 65.4 x 30.1	524.7	12.5 / 12.4	n/a / n/a	23.5 / 21	3.64 / 3.6	2.4 / 2.4	n/a	n/a / n/a	n/a / n/a	n/a / n/a	n/a / n/a		
MCD-3	RXLA36AAVJU	3	Air cooled heat pump (1)	31,419	100.0	28,859	0.0 / -2.0	7.5	3.7	83.3	208-230V 1ph	24.8			24.8	25.0			25.0				0.0	19.1			19.1	43.3 x 34.3 x 18.1	233.7	n/a / n/a	14 / 11.3	n/a / n/a	n/a / n/a	n/a / n/a	n/a	n/a / n/a	23 / 16	n/a / n/a	9.6 / 8.5		
MCD-4A	RXYA72AAYDA	6	Air cooled heat pump (1)	65,861	100.0	48,739	0.0 / -2.0	15.2	7.4	116.7	460V 3ph	14.9			14.9	20.0			20.0				0.0				0	36.6 x 65.4 x 30.1	524.7	12.5 / 12.4	n/a / n/a	23.5 / 21	3.64 / 3.6	2.4 / 2.4	n/a	n/a / n/a	n/a / n/a	n/a / n/a	n/a / n/a		
MCD-4B	RXYA96AAYDA	8	Air cooled heat pump (1)	77,909	100.0	71,582	0.0 / -2.0	24.9	10.3	75.0	460V 3ph	17.5			17.5	20.0			20.0				0.0				0	48.8 x 65.4 x 30.1	725.3	12.2 / 12	n/a / n/a	24.5 / 20.8	3.5 / 3.4	2.3 / 2.25	n/a	n/a / n/a	n/a / n/a	n/a / n/a	n/a / n/a		
MCD-5	RXLA36AAVJU	3	Air cooled heat pump (1)	31,697	100.0	29,112	0.0 / -2.0	7.5	2.5	100.0	208-230V 1ph	24.8			24.8	25.0			25.0				0.0	19.1			19.1	43.3 x 34.3 x 18.1	233.7	n/a / n/a	14 / 11.3	n/a / n/a	n/a / n/a	n/a / n/a	n/a	n/a / n/a	23 / 16	n/a / n/a	9.6 / 8.5		
MCD-6	RXLA36AAVJU	3	Air cooled heat pump (1)	35,491	100.0	28,544	0.0 / -2.0	7.5	5.3	100.0	208-230V 1ph	24.8			24.8	25.0			25.0				0.0	19.1			19.1	43.3 x 34.3 x 18.1	233.7	n/a / n/a	14 / 11.3	n/a / n/a	n/a / n/a	n/a / n/a	n/a	n/a / n/a	23 / 16	n/a / n/a	9.6 / 8.5		
MCD-7	RXLA48AAVJU	4	Air cooled heat pump (1)	41,875	100.0	32,609	0.0 / -2.0	7.5	4.3	100.0	208-230V 1ph	34.6			34.6	35.0			35.0				0.0	27			27	43.3 x 34.3 x 18.1	233.7	n/a / n/a	12 / 9	n/a / n/a	n/a / n/a	n/a / n/a	n/a	n/a / n/a	20 / 16	n/a / n/a	9.5 / 8.5		
MCD-8	RXLA36AAVJU	3	Air cooled heat pump (1)	31,055	100.0	28,544	0.0 / -2.0	7.5	5.3	100.0	208-230V 1ph	24.8			24.8	25.0			25.0				0.0	19.1			19.1	43.3 x 34.3 x 18.1	233.7	n/a / n/a	14 / 11.3	n/a / n/a	n/a / n/a	n/a / n/a	n/a	n/a / n/a	23 / 16	n/a / n/a	9.6 / 8.5		
MCD-9	RXLA36AAVJU	3	Air cooled heat pump (1)	31,055	100.0	28,544	0.0 / -2.0	7.5	5.3	100.0	208-230V 1ph	24.8			24.8	25.0			25.0				0.0	19.1			19.1	43.3 x 34.3 x 18.1	233.7	n/a / n/a	14 / 11.3	n/a / n/a	n/a / n/a	n/a / n/a	n/a	n/a / n/a	23 / 16	n/a / n/a	9.6 / 8.5		

GENERAL NOTES APPLICABLE TO ALL UNITS:
1. PROVIDE ANTI -RECYCLE TIMERS, LOW AMBIENT CONTROLS, TXV AND COIL HAIL GUARDS.
2. PROVIDE METAL RAIL SUPPORTS FOR ROOF MOUNTED UNITS. COORDINATE WITH ROOF TYPE AND SLOPE.
3. INTEGRATED WITH BAS THROUGH MFR PROVIDED VRV SYSTEM CONTROLLER VIA BACNET.
4. SYSTEM MUST PROVIDE CONTINUOUS HEATING DURING DEFROST AND OIL RETURN.
5. FULLY MODULATING INVERTER COMPRESSORS.
6. PROVIDE AUTO CHARGING AND INDOOR UNIT AUTO ADDRESSING CAPABLITY.
7. MFR SUBMITTAL MUST INCLUDE REFRIGERANT PIPING DIAGRAM WITH PIPE DIAMETERS, LENGTHS AND REFRIGERANT VOLUMES.
8. CONTRACTOR TO FURNISH AND INSTALL INSULATION ON REFRIGERANT PIPING.
10. FOR SYSTEMS WITH MULTIPLE MODULES, REFRIGERANT PIPE DIMENSIONS INDICATE TOTAL SYSTEM COMBINED PIPING DOWNSTREAM OF MODULE WINNING.
11. FACTORY REPRESENTATIVES SHALL REVIEW THE PROJECT PRIOR TO AND THROUGHOUT THE INSTALLATION OF EQUIPMENT.
12. FACTORY REPRESENTATIVES SHALL STARTUP AND COMMISSION EQUIPMENT UPON COMPLETION OF EQUIPMENT INSTALLATIONS.
13. FACTORY REPRESENTATIVES SHALL PROVIDE ON -SITE ASSISTANCE FOR THE BAS INTEGRATION OF THE EQUIPMENT.
14. FACTORY REPRESENTATIVES SHALL PROVIDE END -USER TRAINING ON THE EQUIPMENT UPON COMPLETION OF THE INSTALLATION OF EQUIPMENT.
15. ALL REFRIGERANT PIPING/SYSTEMS IS TO BE INSTALLED TO MEET ASHRAE 15 REQUIREMENTS FOR A2L REFRIGERANTS. PROVIDE FACTORY LEAK DETECTION TO STOP THE FLOW OF REFRIGERANT TO BRANCH UNITS.

VARIABLE REFRIGERANT VOLUME - INDOOR UNIT SCHEDULE

TAG	Mrel lbs	BASIS OF DESIGN (DAIKIN)	NOMINAL TONNAGE	TYPE	CONNECTED TO: CONDENSING UNIT	CONNECTED TO: ZONE CHANGEOVER DEVICE	SUPPLY FAN AIR FLOW RATE cfm	COOLING CAPACITY REQUIRED TOTAL BTU/h	REQUIRED SENSIBLE BTU/h	AVAILABLE TOTAL BTU/h	AVAILABLE SENSIBLE BTU/h	ENTERING AIR °F DB	ENTERING AIR °F WB	HEATING CAPACITY REQUIRED BTU/h	AVAILABLE BTU/h	ENTERING AIR °F DB	ELECTRICAL POWER SUPPLY Voltage - Phase	Min Circuit Amps MCA	Max Overcurrent Protection MOP	DIMENSIONS WxHxD inch	WEIGHT Net lbs	Options and Accessories
MS-1C	33.0	FXAA24AAVJU	2.0	Wall Mounted Unit	MCD-1	No	670	n/a	n/a	20,632	14,594	75.0	63.0	n/a	26,499	70.0	208-230V 1ph	0.6	15	44.1 x 11.6 x 9.8	35.0	BRC1NRV71 (1)
MS-1B	33.0	FXAA18AAVJU	1.5	Wall Mounted Unit	MCD-1	No	512	n/a	n/a	15,465	11,172	75.0	63.0	n/a	19,999	70.0	208-230V 1ph	0.4	15	44.1 x 11.6 x 9.8	35.0	BRC1NRV71 (1)
MS-1A	33.0	FXAA18AAVJU	1.5	Wall Mounted Unit	MCD-1	No	512	n/a	n/a	15,465	11,172	75.0	63.0	n/a	19,999	70.0	208-230V 1ph	0.4	15	44.1 x 11.6 x 9.8	35.0	BRC1NRV71 (1)
MS-1D	33.0	FXFA36AAVJU	3.0	Round Flow Sensing Cassette	MCD-1	No	1,253	n/a	n/a	31,683	22,746	75.0	63.0	n/a	40,000	70.0	208-230V 1ph	1.6	15	33.1 x 11.3 x 33.1	58.0	BRC1NRV71 (1), BYCQ54GEFU (1)
MS-2C	18.6	FXAA24AAVJU	2.0	Wall Mounted Unit	MCD-2	No	670	n/a	n/a	20,632	14,594	75.0	63.0	n/a	26,499	70.0	208-230V 1ph	0.6	15	44.1 x 11.6 x 9.8	35.0	BRC1NRV71 (1)
MS-2B	18.6	FXAA18AAVJU	1.5	Wall Mounted Unit	MCD-2	No	512	n/a	n/a	15,465	11,172	75.0	63.0	n/a	19,999	70.0	208-230V 1ph	0.4	15	44.1 x 11.6 x 9.8	35.0	BRC1NRV71 (1)
MS-2A	18.6	FXAA18AAVJU	1.5	Wall Mounted Unit	MCD-2	No	512	n/a	n/a	15,465	11,172	75.0	63.0	n/a	19,999	70.0	208-230V 1ph	0.4	15	44.1 x 11.6 x 9.8	35.0	BRC1NRV71 (1)
MS-3D	11.2	FXAA07AAVJU	0.6	Wall Mounted Unit	MCD-3	No	282	n/a	n/a	6,433	5,269	75.0	63.0	n/a	8,500	70.0	208-230V 1ph	0.3	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-3C	11.2	FXAA07AAVJU	0.6	Wall Mounted Unit	MCD-3	No	282	n/a	n/a	6,433	5,269	75.0	63.0	n/a	8,500	70.0	208-230V 1ph	0.3	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-3B	11.2	FXAA07AAVJU	0.6	Wall Mounted Unit	MCD-3	No	282	n/a	n/a	6,433	5,269	75.0	63.0	n/a	8,500	70.0	208-230V 1ph	0.3	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-3A	11.2	FXAA07AAVJU	0.6	Wall Mounted Unit	MCD-3	No	282	n/a	n/a	6,433	5,269	75.0	63.0	n/a	8,500	70.0	208-230V 1ph	0.3	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4L	22.6	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4A	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4J	22.6	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4A	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4H	22.6	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4A	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4F	22.6	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4A	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4E	22.6	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4A	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4A	22.6	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4A	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4B	22.6	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4A	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4M	35.2	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4B	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4K	35.2	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4B	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4I	35.2	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4B	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4N	35.2	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4B	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4G	35.2	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4B	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-4D	35.2	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-4B	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-5A	10.0	FXAA24AAVJU	2.0	Wall Mounted Unit	MCD-5	No	670	n/a	n/a	20,632	14,594	75.0	63.0	n/a	26,499	70.0	208-230V 1ph	0.6	15	44.1 x 11.6 x 9.8	35.0	BRC1NRV71 (1)
MS-5B	10.0	FXAA12AAVJU	1.0	Wall Mounted Unit	MCD-5	No	406	n/a	n/a	10,299	7,421	75.0	63.0	n/a	13,499	70.0	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-6A (4B)	13	FXSA30AAVJU	3.0	Concealed Ducted (Medium Static)	MCD-6	No	812	n/a	n/a	26,476	22,717	75.0	63.0	n/a	34,000	70.0	208-230V 1ph	1.8	15	55.1 x 9.6 x 31.5	101.4	BRC1NRV71 (1)
MS-6B	13	FXAA12AAVJU	1	Wall Mounted Unit	MCD-6	No	406	n/a	n/a	10299	7421	75.0	63.0	n/a	13499	70	208-230V 1ph	0.4	15	33.8 x 11.6 x 9.8	27.0	BRC1NRV71 (1)
MS-2D	11.8	FXFA48AAVJU	4.0	Round Flow Sensing Cassette	MCD-7	No	1,253	n/a	n/a	42,335	30,569	75.0	63.0	n/a	54,000	70.0	208-230V 1ph	1.6	15	33.1 x 11.3 x 33.1	58.0	BRC1NRV71 (1), BYCQ54GEFU (1)
MS-9A	18.6	FXAA18AAVJU	1.5	Wall Mounted Unit	MCD-2	No	512	n/a	n/a	15,465	11,172	75.0	63.0	n/a	19,999	70.0	208-230V 1ph	0.4	15	44.1 x 11.6 x 9.8	35.0	BRC1NRV71 (1)
MS-9B	18.6	FXAA18AAVJU	1.5	Wall Mounted Unit	MCD-2	No	512	n/a	n/a	15,465	11,172	75.0	63.0	n/a	19,999	70.0	208-230V 1ph	0.4	15	44.1 x 11.6 x 9.8	35.0	BRC1NRV71 (1)

1. STANDARD LIMITED WARRANTY: 10-YEAR WARRANTY ON COMPRESSOR AND ALL PARTS
2. 360 DEGREE AIRFLOW DISTRIBUTION AND THREE ROOM SENSORS ENABLES OPTIMIZED OCCUPANT COMFORT AND EFFICIENCY
3. OPTIONAL SELF-CLEANING FILTER PANEL TO FURTHER INCREASE EFFICIENCY AND REDUCE MAINTENANCE COSTS
4. BUILT-IN CONDENSATE PUMP (FXDQ_M, FXFQ_P, FXFQ_T, FXMQ_M, FXMQ_P, FXUQ_P, FXZQ_M)
5. INDIVIDUALLY CONTROLLED SUPPLY AIR LOUVERS FOR COMFORTABLE AIR SUPPLY
6. UNIT TO OPTIMIZABLE WITH UP TO 18 POSSIBLE AIRFLOW PATTERNS
7. STANDARD LIMITED WARRANTY: 10-YEAR WARRANTY ON COMPRESSOR AND ALL PARTS
8. STANDARD LIMITED WARRANTY: 10-YEAR WARRANTY ON COMPRESSOR AND ALL PARTS
9. ALL REFRIGERANT PIPING/SYSTEMS IS TO BE INSTALLED TO MEET ASHRAE 15 REQUIREMENTS FOR A2L REFRIGERANTS. PROVIDE FACTORY LEAK DETECTION TO STOP THE FLOW OF REFRIGERANT TO BRANCH UNITS.

HOG Pinnacle

TAG	Model	PDC Chiller Capacity (ton)	Input (kW)	[EER] (Btu/W.h)	IPLVIP (Btu/W.h)	SCCR (KA)	Evaporator Flow (gpm)	PD (ft H_2O)	EWT (°F)	LWT (°F)	Prop Glycol %	Condenser Ambient (°F)	Altitude (ft)	Sound Power 63 Hz (dB)	125 Hz (dB)	250 Hz (dB)	500 Hz (dB)	1000 Hz (dB)	2000 Hz (dB)	4000 Hz (dB)	8000 Hz (dB)	100% (Side A-Wtd) (dBA)
200 ton AC Scroll chiller	AGZ012F	195.1	234.50	9.98	17.42	65	376.7	9.3	55.00	42.0	25	95.0	0	77	81	85	94	91	93	84	80	97

1. SCROLL COMPRESSORS (MIN. 6 STAGES)
2. 2 REFRIGERANT CIRCUITS
3. ELECTRONIC EXPANSION VALVES
4. REPLACEABLE CORE FILTER DRIERS
5. LIQUID, DISCHARGEAND SUCTION LINE SHUTOFF VALVES
6. SINGLE POINT DISCONNECT
7. 65KA SCCR
8. PHASE AND UNDER/OVER VOLTAGE PROTECTION WITH LED
9. FACTORY STRAINER
10. BACNET CONTROLLER
11. GROUND FAULT PROTECTION
12. 115 POWERED OUTLET
13. SPRING ISOLATORS
14. CONDENSER LOUVERS
15. RAPID RESTORE
16. SOUND BLANKET FOR COMPRESSORS

PROVIDE BID ALTERNATE TO USE A 200 TON AC **SCROLL** CHILLER PER SCHEDULE IN LEU OF A **SCREW** CHILLER FOR CH-1, CH-2, CH-3.

BID ALTERNATE 1 FOR FULL BUILDING
GENERATOR BACKUP:
REMOVE LU-3,5,6 FROM PROJECT

LIEBERT UNIT SCHEDULE

ID	MANUFACTURER	MODEL NO.	DESIGN FLOW	NOMINAL TONS	HEAT KW	HUMIDIFIER CAPACITY	HUMIDIFIER KW	INDOOR UNIT FLA	INDOOR UNIT MCA	INDOOR UNIT MOCP	INDOOR UNIT VOLT	INDOOR UNIT PH	OUTDOOR UNIT FLA	OUTDOOR UNIT MCA	OUTDOOR UNIT MOCP	OUTDOOR UNIT VOLT	OUTDOOR UNIT PH
LU-1	LIEBERT	MMD24E	850	2 ton	7.3	4.3 LB/HR	1.5	33.3 A	41.6 A	45.0 A	277 V	1	15.4 A	18.4 A	30 A	208	1
LU-2	LIEBERT	MMD18E	250	1.5 ton	4.8	2.5 LB/HR	0.88	21.3 A	26.6 A	30.0 A	277 V	1	12.1 A	14.8 A	25 A	208	1
LU-3	LIEBERT	MMD24E	850	2 ton	-	-	1.5	2.3 A	2.9 A	15.0 A	277 V	1	15.4 A	18.4 A	30 A	208	1
LU-4	LIEBERT	MT048E	2200	4 ton	10.8	-	2.8	15.8 A	19.8 A	20.0 A	460 V	3	10.3 A	12.5 A	20 A	480	3
LU-5	LIEBERT	MT048E	2200	4 ton	-	-	2.8	3.2 A	4.0 A	15.0 A	460 V	3	10.3 A	12.5 A	20 A	480	3
LU-6	LIEBERT	MMD18E	850	2 ton	-	-	1.5	2.3 A	2.9 A	15.0 A	277 V	1	15.4	18.4 A	30 A	208	1

GENERAL NOTES APPLICABLE TO ALL UNITS:
1. PROVIDE CONDENSATE PUMP WITH RESEVOIR AND SENSOR.
2. PROVIDE COPPER DRAIN LINE.
3. PROVIDE A GRAVITY BACKDRAFT DAMPER AT THE LIEBERT SUPPLY CONNECTION TO THE VAV BOX.
4. PROVIDE LOCKING DISCONNECT SWITCH.
5. PROVIDE SCR CONTROLLED ELECTRIC REHEAT AND STEAM GENERATING CANISTER HUMIDIFIER FOR LU-1, LU-2.
6. PROVIDE IS-UNITY-DP-CMS CARD FOR BACNET INTEGRATION.
7. PROVIDE MANUFACTURER'S FILTER BOX AND DISCHARGE DUCT FLANGE.
8. PROVIDE REMOTE TEMPERATURE/HUMIDITY SENSOR AND ICOM WALL DISPLAY.
9. PROVIDE HEAT REJECTION INTERLOCK.
10. PROVIDE CANBUS CABLE.
11. PROVIDE DIGITAL SCROLL COMPRESSORS FOR LU-4, LU-5.
12. PROVIDE 2 SPEED BLOWER.
13. PROVIDE EC PLUG FAN W/ VARIABLE SPEED MOTOR FOR LU-4, LU-5.
14. PROVIDE AUXILARY DRAIN PAN W/ LIEBERT MODEL LT410 POINT WATER DETECTOR. MONITOR WITH BAS.

REFER TO SHEET M700 FOR POWER BACKUP INFORMATION

FAN FILTER UNIT SCHEDULE

ID	MANUFACTURER	MODEL NO.	FILTER	MODULE SIZE	FAN AIRFLOW DESIGN	FAN MOTOR ECM	FLA	VOLT	PH	CONTROL TYPE	NOTES
FFU-1	AJ MANUFACTURING	SSLFHFD-FFU	HEPA	24x48 12" INLET	765	Yes	3.2 A	120 V	1	BAS; ROOM PRESSURE MONITOR	1, 2, 3, 4, 5, 6, 7, 8, 9,
FFU-2	AJ MANUFACTURING	SSLFHFD-FFU	HEPA	24x48 12" INLET	765	Yes	3.2 A	120 V	1	BAS; ROOM PRESSURE MONITOR	1, 2, 3, 4, 5, 6, 7, 8, 9,
FFU-3	AJ MANUFACTURING	SSLFHFD-FFU	HEPA	24x48 12" INLET	750	Yes	3.2 A	120 V	1	BAS; ROOM PRESSURE MONITOR	1, 2, 3, 4, 5, 6, 7, 8, 9
FFU-5	AJ MANUFACTURING	SSLFHFD-FFU	HEPA	24x48 12" INLET	790	Yes	3.2 A	120 V	1	BAS; ROOM PRESSURE MONITOR	1, 2, 3, 4, 5, 6, 7, 8, 9
FFU-6	AJ MANUFACTURING	SSLFHFD-FFU	HEPA	24x48 12" INLET	790	Yes	3.2 A	120 V	1	BAS; ROOM PRESSURE MONITOR	1, 2, 3, 4, 5, 6, 7, 8, 9
FFU-7	AJ MANUFACTURING	SSLFHFD-FFU	HEPA	24x48 12" INLET	790	Yes	3.2 A	120 V	1	BAS; ROOM PRESSURE MONITOR	1, 2, 3, 4, 5, 6, 7, 8, 9
FFU-8	AJ MANUFACTURING	SSLFHFD-FFU	HEPA	24x48 14" INLET	500	Yes	3.2 A	120 V	1	BAS; ROOM PRESSURE MONITOR	1, 2, 3, 4, 5, 6, 7, 8, 9
FFU-9	AJ MANUFACTURING	SSLFHFD-FFU	HEPA	24x48 14" INLET	700	Yes	3.2 A	120 V	1	BAS; ROOM PRESSURE MONITOR	1, 2, 3, 4, 5, 6, 7, 8, 9

GENERAL NOTES APPLICABLE TO ALL UNITS:
1. AIRFLOW INDICATOR LIGHT (GREEN)
2. FILTER LOAD INDICATOR (RED)
3. CONTINUOUS FILTER MONITORING BY BAS
4. SURFACE MOUNT ADAPTER
5. PROVIDE WITH BACNET INTERFACE
6. ROOMSIDE FILTER/MOTOR REPLACEMENT
7. ROOMSIDE FILTER/MOTOR REPLACEMENT
8. 3/8" NPT ROOMSIDE AEROSOL INJECTION PORT
9. PROVIDE UNIT WITH BACKWARD CURVED FAN

REFER TO SHEET M700 FOR POWER BACKUP INFORMATION

PHOENIX VALVE UNIT SCHEDULE

ID	MANUFACTURER	MODEL	NECK SIZE	PRIMARY AIRFLOW MAX	PRIMARY AIRFLOW MIN	DESCRIPTION	VOLT	PH	WATTS	NOTES
SV-1-1	PHOENIX	MAVA114M	14"	2500	200	FAST ACTING	120	1	96	
SV-2-1	PHOENIX	MAVA114M	14"	2500	200	FAST ACTING	120	1	96	
SV-3-1	PHOENIX	MAVA110M	10"	1000	50	FAST ACTING	120	1	96	
EV-1-1	PHOENIX	EXVA110M	10"	1000	50	LOW SPEED	120	1	96	
EV-1-2	PHOENIX	EXVA110M	10"	1000	50	LOW SPEED	120	1	96	
EV-1-3	PHOENIX	EXVA	12"	850	90	LOW SPEED	120	1	96	
EV-2-2	PHOENIX	EXVA110M	10"	1000	50	LOW SPEED	120	1	96	
EV-2-3	PHOENIX	EXVA110M	10"	1000	50	LOW SPEED	120	1	96	
EV-2-4	PHOENIX	EXVA110M	10"	1000	50	LOW SPEED	120	1	96	
EV-2-5	PHOENIX	EXVA	12"	1100	90	LOW SPEED	120	1	96	
EV-3-1	PHOENIX	EXVA110M	10"	650	50	LOW SPEED	120	1	96	

NOTES:
1. PROVIDE WITH FACTORY DDC CONTROLLER, REFER TO DDC CONTROL SEQUENCES AND DIAGRAMS FOR VAV OPERATION. BACNET COMMUNICATION
2. INSTALL WITH RECOMMENDED FACTORY RECOMMENDED SERVICE CLEARANCES.
3. PROVIDE WITH 120V - 24V TRANSFORMER FOR POWER.
4. PROVIDE FACTORY DOUBLE WALL CABINET WITH SEALED EDGES SUITABLE FOR CLEANING AND DECONTAMINATION.

REFER TO SHEET M700 FOR POWER BACKUP INFORMATION

BUFFER TANK SCHEDULE

ID	MANUFACTURER	MODEL NO.	MATERIAL	SYSTEM	TANK VOLUME	PIPE SIZE INLET	PIPE SIZE OUTLET	UNIT DIMENSIONS DIAMETER	UNIT DIMENSIONS HEIGHT TANK	OPTIONS INCLUDE INSULATION	UNIT WEIGHT
BF-1	Taco	GCBT-500-6F	STEEL	CHILLED WATER	500.0 gal	6"	6"	3' - 0"	7' - 6"	Yes	1150 lb

EXPANSION TANK SCHEDULE

ID	MANUFACTURER	MODEL NO.	SYSTEM	FLUID	TANK VOL	INITIAL TANK PRESSURE
ETH-1	ELBI	HTS-80	CHILLED WATER	25% PROPELYNE	21.0 gal	12 psi
ETH-2	ELBI	HTL-500	HEATING WATER	25% PROPELYNE	132.0 gal	12 psi

HIGH VELOCITY AIR ELIMINATOR AND DIRT SEPARATOR SCHEDULE

ID	MANUFACTURER	MODEL NO.	SYSTEM	TYPE	DESIGN FLOW	WPD (FT)	PIPE SIZE
AS-1	Spirotherm	VHN600FA	CHILLED WATER	HV AIR SEPARATOR	770.0 GPM	2	8"
AS-2	Spirotherm	VHN600FA	HEATING WATER	HV AIR SEPARATOR	800.0 GPM	2	8"

GLYCOL FEEDER SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL NO.	SYSTEM	TANK MIXTURE	TANK VOL	PRESSURE RANGE (PSI)	MAKE-UP CAPACITY (GPM @ PSI)	HP	VOLT	PH	MAX TANK DIA
GF-1	Expansion Tank-L	Armstrong Fluid Technology	GGMPD-25050	CHILLED	25% PROPLYENE	50.0 gal	10-70	1.8 @ 70	0.5	120 V	1	34"
GF-2	Expansion Tank-L	Armstrong Fluid Technology	GGMPD-25050	HEATING	25% PROPLYENE	50.0 gal	10-70	1.8 @ 70	0.5	120 V	1	34"

GENERAL NOTES APPLICABLE TO ALL UNITS:
1. PROTECTIVE LOW WATER CUT-OFF ALARM.
2. HOA CONTROLS
3. 1/3 HP BRASS ROTARY VANE PUMP
4. MAGNETIC STARTER
5. PRESSURE TANK WITH PRESSURE CONTROLS
6. PROVIDE WITH PRESSURE GUAGES, PRESSURE REDUCING VALVE AND SYSTEM ISOLATION VALVES
7. PROVIDE WITH 110V SIGNAL FOR REMOTE ALARM.

AIR COOLED CHILLER SCHEDULE

ID	MANUFACTURER	MODEL NO.	COOLING CAP	CHILLED WATER FLOW DESIGN	CHILLED WATER FLOW MIN	EWT	LWT	PD	GLYCOL TYPE	GLYCOL %	COMPRESSOR TYPE	COMPRESSOR QTY	SUMMER AMBIENT DBT	EER @ AHRI	IPLV @ AHRI	UNIT WEIGHT	MCA	MOCP	VOLT	PH
CH-1	DAIKIN APPLIED	AWV014B	199.4 ton	385.0 GPM	219.3 GPM	55 °F	42 °F	9.8 ftH2O	PROPYLENE	25	SCREW	2	100.0 °F	9.573	19.43	16300 lb	512.0 A	700.0 A	480 V	3
CH-2	DAIKIN APPLIED	AWV014B	199.4 ton	385.0 GPM	219.3 GPM	55 °F	42 °F	9.8 ftH2O	PROPYLENE	25	SCREW	2	100.0 °F	9.573	19.43	16300 lb	512.0 A	700.0 A	480 V	3
CH-3	DAIKIN APPLIED	AWV014B	199.4 ton	385.0 GPM	219.3 GPM	55 °F	42 °F	9.8 ftH2O	PROPYLENE	25	SCREW	2	100.0 °F	9.573	19.43	16300 lb	512.0 A	700.0 A	480 V	3

GENERAL NOTES APPLICABLE TO ALL UNITS:
1. LOW-AMBIENT TO -20. VFD ON CONDENSER FANS.
2. 65 KAIC HSCC
3. PHASE PROTECTION
4. BACNET CONTROLLER
5. PROVIDE WITH FACTORY MOUNTED DISCONNECT WITH CIRCUIT BREAKER.
7. EVAPORATOR WITH FACTORY HEATER.
8. PROVIDE VIBRATION ISOLATION BETWEEN CHILLER AND ROOF.
9. SINGLE POINT POWER
10. FACTORY MOUNTED 115V NON-POWERED CONVENIENCE OUTLET.
11. ELECTRIC WATER FLOW INDICATOR
12. RAPID RESTORE - 35 SECT START AFTER POWER RESTORATION UP TO FULL SPEED.
13. EACH COMPRESSOR SHALL HAVE A DEDICATED VFD STARTER.
14. CONDENSER COIL LOUVERED PANELS
15. SUCTION SHUT OFF VALVES
16. 5-YEAR COMPRESSOR - PARTS WARRANTY
17. FACTORY START UP AND 1 YEAR WHOLE UNIT PARTS AND LABOR WARRANTY
18. PROVIDE WITH ACOUSTICAL PACKAGE. COMPRESSOR BLANKETS AND LOW-NOISE FANS.

TRIPLEX PUMP SCHEDULE

ID	MANUFACTURER	MODEL NO.	SYSTEM	FLUID	FLOW TOTAL	FLOW PER PUMP	HEAD	PUMP QTY	MOTOR POWER PER PUMP	MCA	MOCP	VOLT	PH
CWP-1	GRUNDFOS	HYDRO MPC-E 3CRE	CHILLED WATER	25% PROPELYNE, 42F	770.0 GPM	385.0 GPM	90.0 FT	3	15.00 hp	68.3 A	80.0 A	480 V	3
HWP-1	GRUNDFOS	HYDRO MPC-E 3CRE	HEATING WATER	25% PROPELYNE, 140F	588.0 GPM	294.0 GPM	100.0 FT	3	15.00 hp	68.3 A	80.0 A	480 V	3

GENERAL NOTES APPLICABLE TO ALL UNITS :
1. PUMPS TO BE FURNISHED WITH INTEGRAL MOTOR VFD'S, ONE PER PUMP
2. PUMPS TO BE VERTICAL MULTI-STAGE WITH SPLIT COUPLING
3. PUMPS TO HAVE LIFETIME ALIGNMENT GUARANTEE
4. SUCTION AND DISCHARGE HEADERS TO BE 316L STAINLESS STEEL
5. PUMP BASEPLATE SHALL BE 304 STAINLESS STEEL
6. ON-BOARD PUMP CONTROLLER SHALL CASCADE AND SEQUENCE PUMPS FOR MAXIMUM EFFICIENCY
7. PUMP CURVES SHALL BE PROGRAMMED INTO CONTROLLER
8. ENTIRE SYSTEM (PUMPS, VFD'S, CONTROLLER) SHALL BE MADE BY A SINGLE MANUFACTURER
9. PUMP SYSTEMS SHALL BE PROVIDED WITH BACNET (BTL LAB CERTIFIED) CONTROLS INTERFACE FOR INTEGRATION INTO THE BAS SYSTEM. INTERFACE SHALL ALLOW THE BASE TO CONTROL PUMP FLOW RATE, PRESSURES AND RATE OF CHANGE FOR PUMP SPEED. REFER TO CONTROLS SEQUENCES TO CONFIRM COMPLIANCE.
10. EACH SKID MOUNTED SYSTEM SHALL INCLUDE ALL PIPE, VALVES AND FITTINGS, AND OFFER SINGLE POINT CONNECTIONS
11. FURNISH EACH SYSTEM WITH BACNET INTERFACE CARD
12. SYSTEM DESIGNED FOR PRIMARY PUMPS TO HANDLE FULL LOAD OF EACH CHILLER/ BOILER.
13. FURNISH EACH SYSTEM WITH DIFFERENTIAL PRESSURE TRANSDUCERS
14. PUMP SKIDS DESIGNED TO MOUNT AGAINST WALL.
15. PUMP PACKAGE PROVIDER IS RESPONSIBLE FOR STARTUP, PROGRAMMING, AND COMMISSIONING OF PUMP PACKAGE OPERATION PER THE SEQUENCE OF OPERATIONS.
16. TRIPLEX PUMP SUPPLIER MUST REVIEW CONTROLS DRAWINGS FOR BACNET REQUIREMENTS AND INTEGRATION POINTS.

REFER TO SHEET M700 FOR POWER BACKUP INFORMATION

CONDENSING BOILER SCHEDULE

ID	MANUFACTURER	MODEL NO.	FLUID	GAS BURNER INPUT	GAS BURNER EFF @ AHRI	WATERSIDE FLOW MAX	WATERSIDE FLOW MIN	EWT	LWT	PD	TURNDOWN	UNIT WEIGHT	FLA	MCA	MOCP	VOLT	PH
B-1	RIELLO	AR3000	25% PROPELYNE	3000000 Btu/h	96.1%	240.0 GPM	55.0 GPM	110 °F	140 °F	3.0 psi	30:1	2774 lb	15.5 A	16.0 A	20.0 A	208 V	3
B-2	RIELLO	AR3000	25% PROPELYNE	3000000 Btu/h	96.1%	240.0 GPM	55.0 GPM	110 °F	140 °F	3.0 psi	30:1	2774 lb	15.5 A	16.0 A	20.0 A	208 V	3
B-3	RIELLO	AR3000	25% PROPELYNE	3000000 Btu/h	96.1%	240.0 GPM	55.0 GPM	110 °F	140 °F	3.0 psi	30:1	2774 lb	15.5 A	16.0 A	20.0 A	208 V	3

GENERAL NOTES APPLICABLE TO ALL UNITS:
1. REQUIRED GAS PRESSUREIS 7.0" W.C. MINIMUM TO 14" W.C. MAXIMUM.
2. 10" DIA. FLUE VENT CONNECTION, 10" DIA. COMBUSTION AIR CONNECTION, 2" NPT GAS CONNECTION, 4" & 3" FLANGED WATER CONNECTIONS.
3. MANUFACTURER TO PROVIDE STARTUP SERVICE AND FIRST YEAR LABOR WARRENTY WITH DIAGNOSTICS
4. MANUFACTURER TO SUBMIT EQUIPMENT SHEETS WITH QUOTE INCLUDING CAPACITY, EFFICIENCY, MCA, LENGTH, WIDTH, HEIGHT, AND WEIGHT
5. MANUFACTURER TO PROVIDE BACNET COMMUNICATION INTERFACE TO TEMPERATURE CONTROL SYSTEM FOR ENABLE/DISABLE, STATUS, ALARM, SETPOINT ADJUSTMENT AND FIRING RATE FOR EACH BOILER.
6. HEATING SETPOINTS TO BE 110 DEG. RETURN WATER, 140 DEG. SUPPLY WATER.
7. BOILER MANUFACTURER SHALL FURNISH THE FOLLOWING FIELD INSTALLATION: 50 PSI RELIEF VALVES; 100% LOCKUP GAS PRESSURE REGULATOR FOR EACH BOILER, CONDENSATE NEUTRALIZATION KIT; AND COMBUSTION AIR INLET FILTER.
8. BOILER MANUFACTURER SHALL FURNISH BOILER CIRCULATION PUMP(s) FOR INSTALLATION. PUMPS ARE POWERED THRU BOILER SINGLE POINT POWER.
9. INSTALL BOILER ON CONCRETE PAD.
10. MANUFACTURER TO INCLUDE ALL STEP CONTROL FOR BOILER CAPACITY CONTROL.
11. PROVIDE CONDENSATE NUETRALIZER KIT.
12. MANUFACTURER TO PROVIDE BOILER EMERGENCY SHUT-DOWN SWITCH (RED MUSHROOM BUTTON WITH LAMICOID LABEL).
13. BOILER MANUFACTURER TO PROVIDE AND CONTROL, FIELD INSTALLED, MOTORIZED ISOLATION VALVES ON EACH BOILER.
14. BOILER SHALL BE EQUIPPED WITH COMBUSTION AIR TEMPERATURE COMPENSATION TO AUTOMATICALLY COMPENSATE FOR AIR DENSITY CHANGES BY ADJUSTING OXYGEN AND OPTIMIZE THE COMBUSTION EFFICIENCY UNDER ALL SEASONAL TEMPERATURE CHANGES.
15. BOILER MANUFACTURE TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION.
16. BOILER IS PROVIDED WITH (6) INTERNAL HEAT EXCHANGERS. (1) PUMP SHALL BE PROVIDED FOR EACH HEAT EXCHANGER @ 30-40 GPM EACH.

REFER TO SHEET M700 FOR POWER BACKUP INFORMATION

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ROGERS, AR

HIGHLANDS
ONCOLOGY GROUP

SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key

No.	Description	Date
1	ADDENDUM 03	02/04/26
2	P.R. #03	08/28/26

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ISSUE 11/26/25
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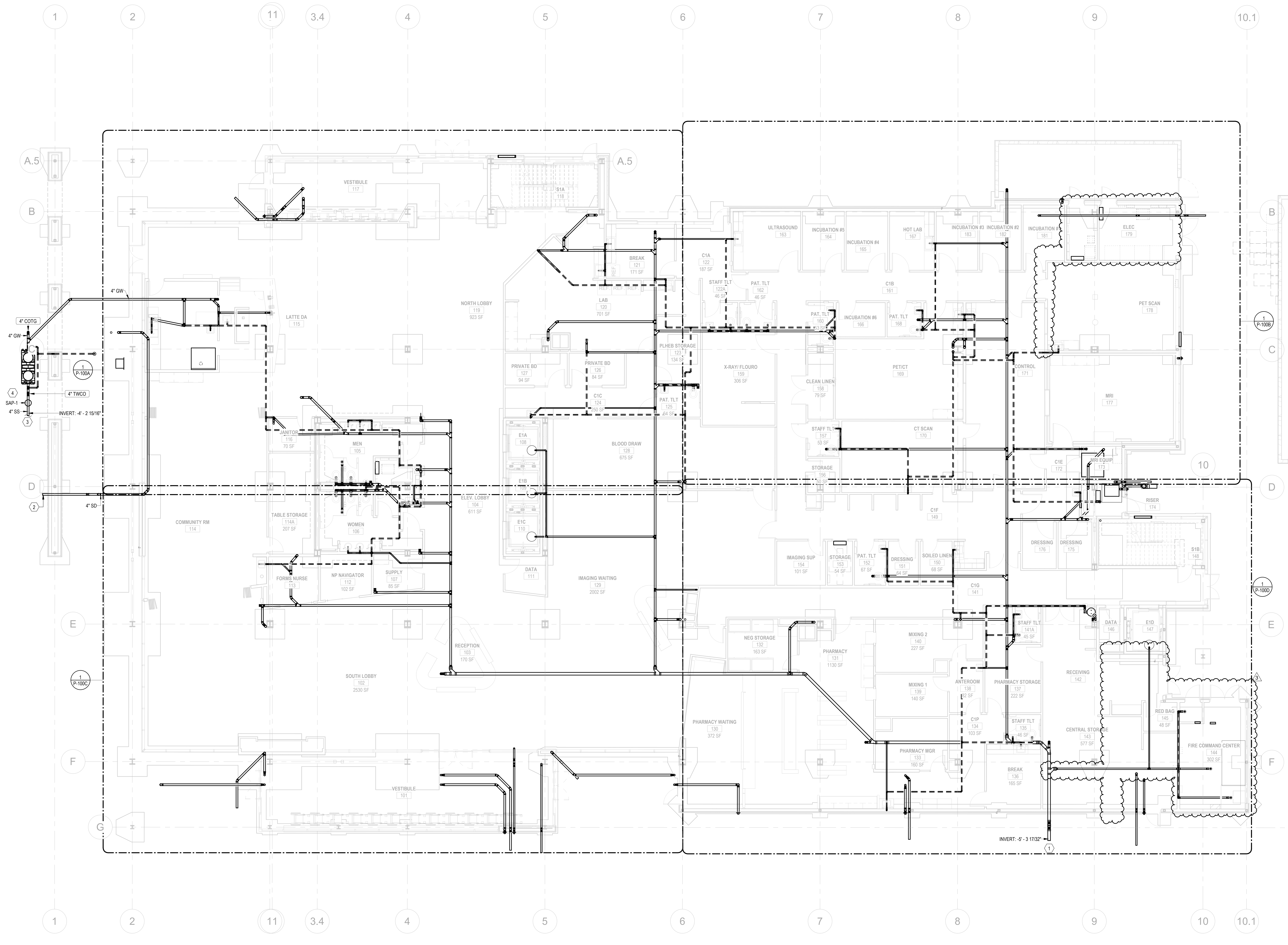
STEPHEN D. EDMONDSON
No. 19299
09/02/26

MECHANICAL
SCHEDULES

KEYNOTES

1	6" BUILDING DRAIN LINE. REFER TO CIVIL PLANS FOR CONTINUATION. 652 D.F.U.
2	4" SD LINE. REFER TO CIVIL PLANS FOR CONTINUATION.
3	4" SS DISCHARGE. COORDINATE WITH CIVIL AND ONSITE CONDITIONS FOR CONTINUATION.
4	INSTALL GREASE INTERCEPTOR(S) AND SAMPLING PORT(S) PER MANUFACTURERS SPECIFICATIONS, INCLUDING THE FINISHED TO GRADE CONCRETE PAD WITH REBAR.



1
P-100
LEVEL 1 PLUMBING PLAN
1/8" = 1'-0"

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2	PLAN REVIEW COMMENTS	07/22/26
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STEPHEN D. EDMONDSON
No. 19299
09/02/26

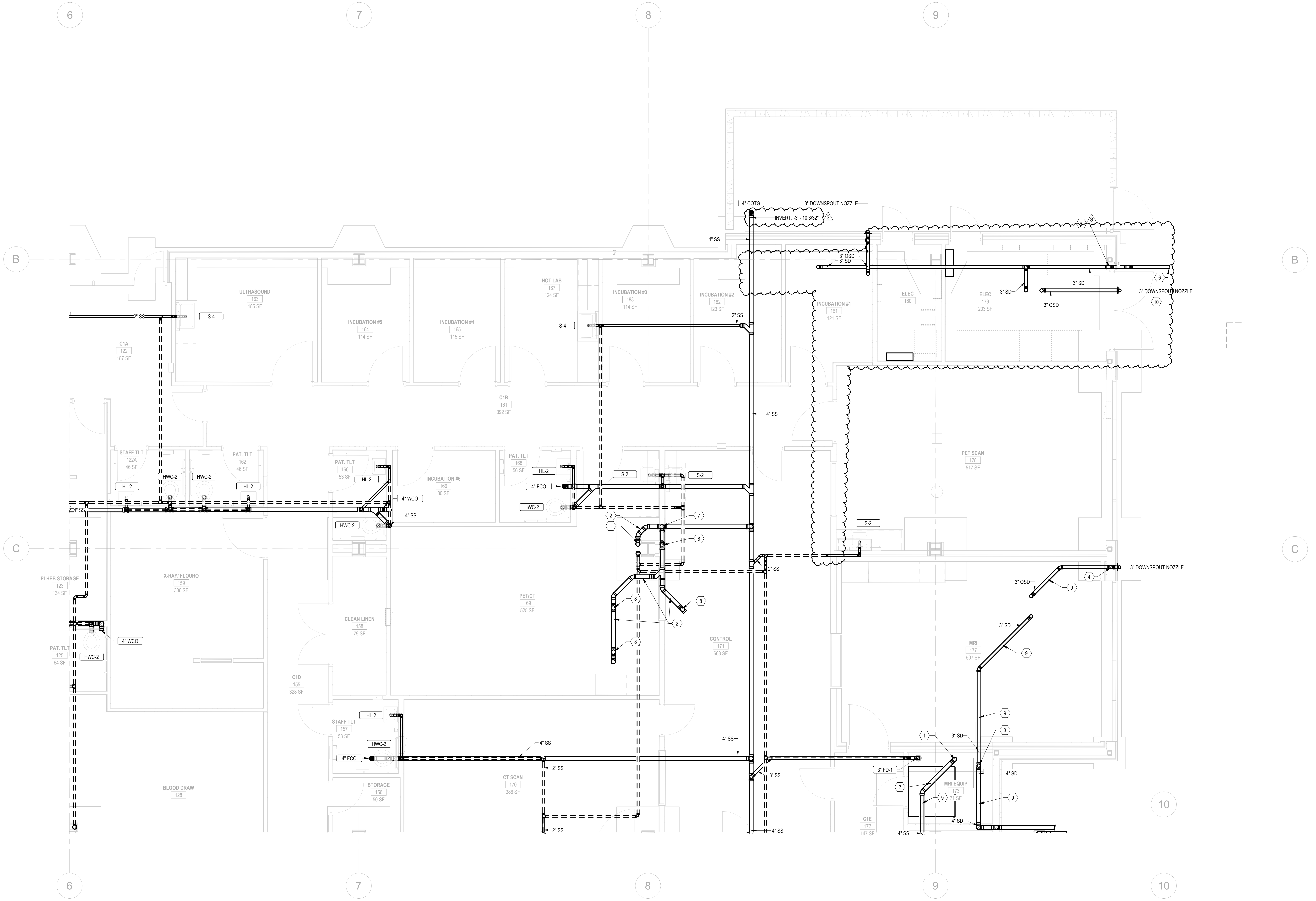
PLUMBING DRAIN PLAN -
1ST FLOOR

P-100

KEYNOTES

1	4" SS STACK UP. PROVIDE STACK CLEAN OUT AT BASE OF STACK.
2	4" SS LINE OVERHEAD.
3	3" SD UP.
4	3" OSD DOWN.
5	3" SD DOWN.
6	3" SD LINE. REFER TO CIVIL PLANS FOR CONTINUATION.
7	4" SS STACK DOWN. PROVIDE STACK CLEAN OUT AT BASE OF STACK.
8	4" CONNECTION TO FIXTURE ABOVE.
9	PROVIDE DRAIN PANS FOR ALL OVERHEAD PIPING CROSSING OVER EQUIPMENT/EQUIPMENT ROOMS. ROUTE DRAIN PAN(S) TO NEAREST APPROVED WASTE RECEPTICAL.
10	DOWNSPOUT NOZZLE SHALL BE LOCATED HIGH ABOVE DOORS.

3



1
P-100B
ENLARGED DRAIN PLAN LEVEL 1 AREA B
1/4" = 1'-0"

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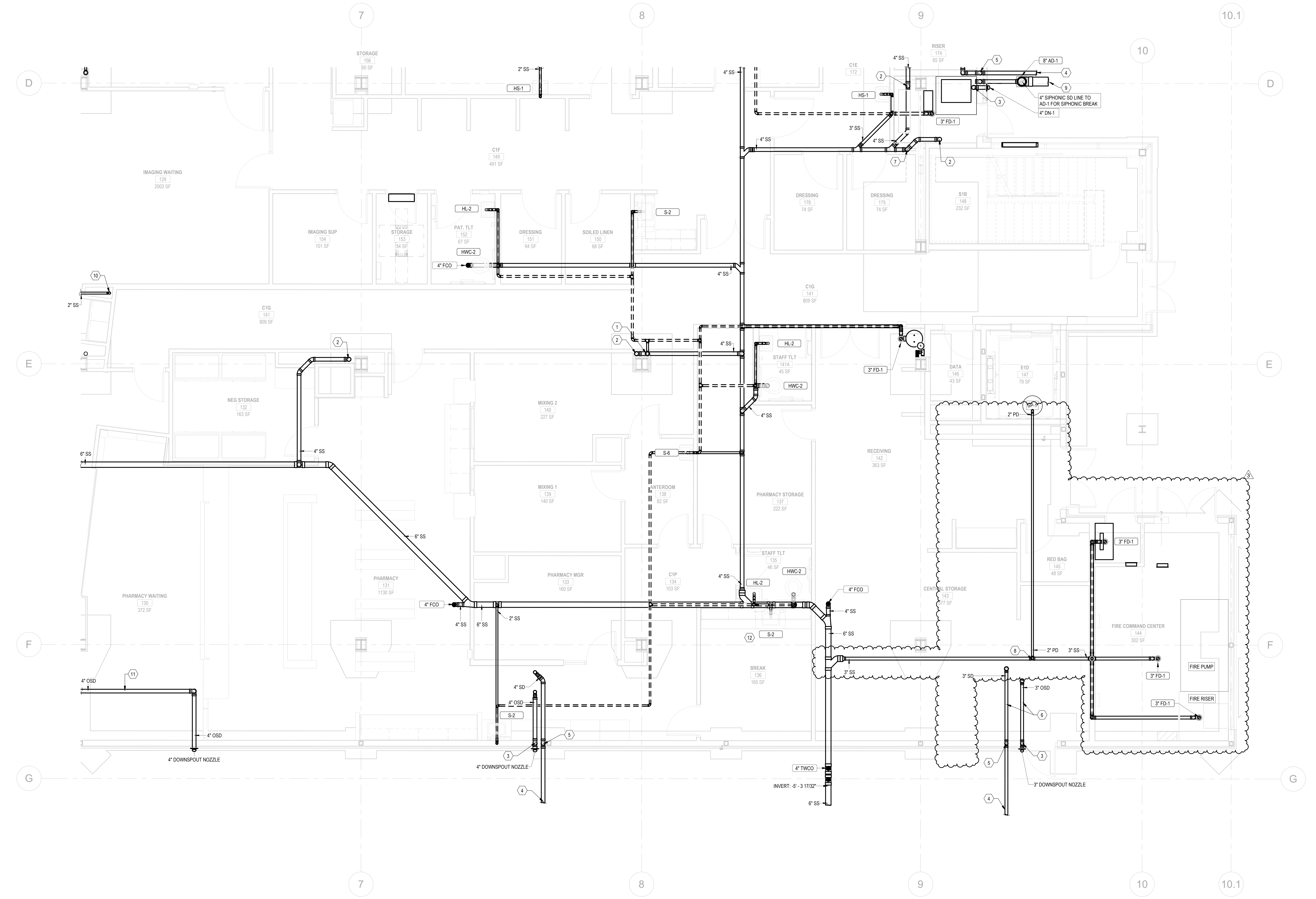
ENLARGED DRAIN PLAN
LEVEL 1 - AREA B

P-100B

KEYNOTES

1	4" SS VENT STACK UP TO ROOF.
2	4" SS STACK UP. PROVIDE STACK CLEAN OUT AT BASE OF STACK.
3	4" OSD DOWN.
4	4" SD LINE. REFER TO CIVIL PLANS FOR CONTINUATION.
5	4" SD DOWN.
6	PROVIDE DRAIN PANS FOR ALL OVERHEAD STORM DRAIN PIPING CROSSING OVER ELECTRICAL ROOM. COORDINATE WITH ELECTRICAL CONTRACTOR ON SITE. ROUTE DRAIN PAN(S) TO THE EXTERIOR.
7	4" SS STACK DOWN. PROVIDE STACK CLEAN OUT AT BASE OF STACK.
8	2" PD TO TOP OF SANITARY.
9	10" SD LINE. REFER TO CIVIL PLANS FOR CONTINUATION.
10	2" SS STACK UP. PROVIDE STACK CLEAN OUT AT BASE OF STACK.
11	PROVIDE HEATER TRACE ON PIPING ABOVE UNOCCUPPIED SOFFIT SPACES. COORDINATE WITH ELECTRICAL CONTRACTOR.
12	COORDINATE WITH ARCHITECTURAL PLANS IF DISHWASH IS IN THIS BREAKROOM. PROVIDE DISHWASHER CONNECTION IF ARCHITECTURAL PLANS SHOW A DISHWASHER.



1 P-100D ENLARGED DRAIN PLAN LEVEL 1 AREA D
1/4" = 1'-0"

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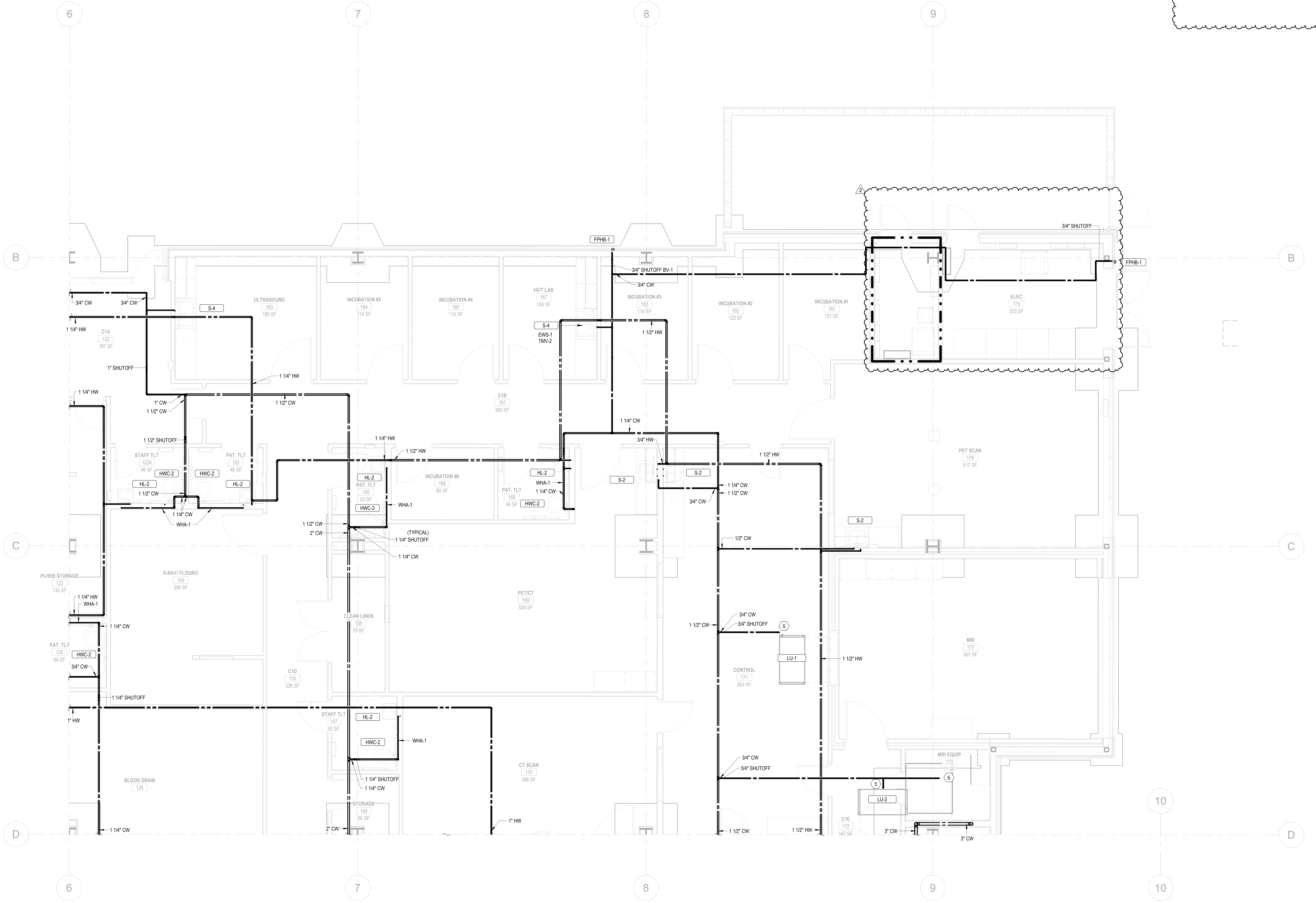
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 19299
STEPHEN D. EDMONDSON
09/02/26

ENLARGED DRAIN PLAN
LEVEL 1 - AREA D

P-100D

KEYNOTES

5	PROVIDE 1/2" CW LINE TO UNIT AND 1/2" CW TO BDV-1. PROVIDE WHA-1 AT THE UNIT. ROUTE DRAIN LINES TO EXTERIOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALLATION HEIGHT OF UNITS TO ACHIEVE GRAVITY FLOW.
6	PROVIDE DEDICATED 3/4" CW LINE WITH SHUT-OFF VALVE FOR MRI SECONDARY COOLING. COORDINATE WITH EQUIPMENT SUPPLIER FOR EXACT LOCATION. PROVIDE BALL VALVES PER EQUIPMENT REQUIREMENTS. PROVIDE RPZ IN LINE PRIOR TO CONNECTION TO EQUIPMENT.



1
P-106B
ENLARGED SUPPLY PLAN LEVEL 1 AREA B
1/4" = 1'-0"

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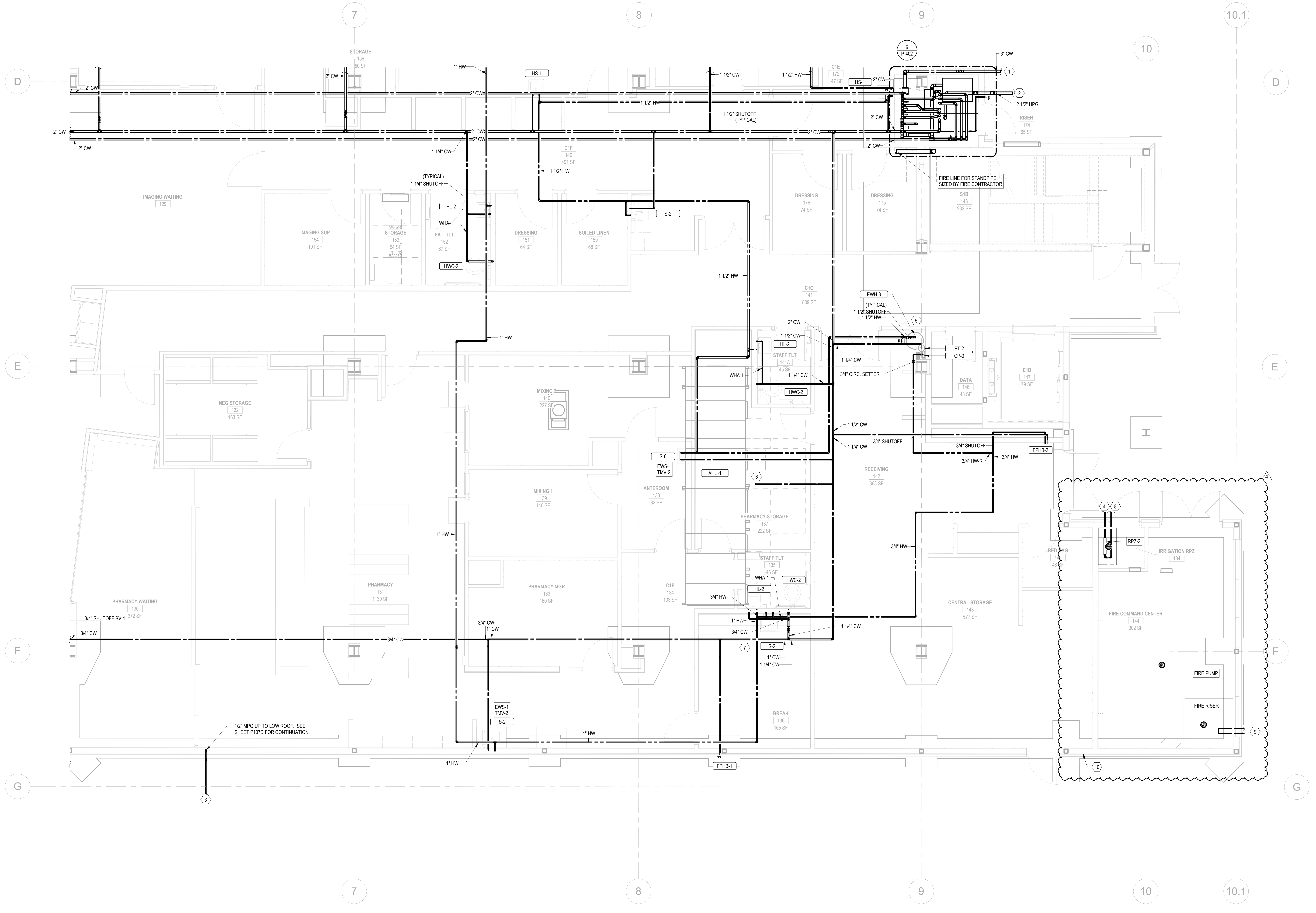
ENLARGED SUPPLY PLAN
LEVEL 1 - AREA B

P-106B

KEYNOTES

1	3" DOMESTIC COLD WATER LINE. REFER TO CIVIL PLANS FOR CONTINUATION. 200 GPM
2	2 1/2" HIGH PRESSURE GAS (5 PSI). REFER TO CIVIL PLANS FOR CONTINUATION. 10,190 MBH
3	1/2" HIGH PRESSURE GAS (5 PSI). REFER TO CIVIL PLANS FOR CONTINUATION. 110 MBH
4	IRRIGATION LINE TO RPZ-2. COORDINATE SIZE WITH IRRIGATION CONTRACTOR. REFER TO CIVIL PLANS FOR CONTINUATION.
5	PROVIDE MAINTANENCE VALVES ON WATER LINES TO WATER HEATER.
6	PROVIDE 1/2" CW LINE TO UNIT AND 1/2" CW TO BDV-1. PROVIDE WHA-1 AT THE UNIT. ROUTE DRAIN LINES TO EXTERIOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALLATION HEIGHT OF UNITS TO ACHIEVE GRAVITY FLOW.
7	COORDINATE WITH ARCHITECTURAL PLANS IF DISHWASH IS IN THIS BREAKROOM. PROVIDE DISHWASHER CONNECTION IF ARCHITECTURAL PLANS SHOW A DISHWASHER.
8	IRRIGATION LINE. COORDINATE SIZE WITH IRRIGATION CONTRACTOR. REFER TO CIVIL PLANS FOR CONTINUATION.
9	FIRE LINE. STUB UP INSIDE BUILDING FOR SPRINKLER CONTRACTOR CONNECTION. FIRE LINE TO BE SIZED BY SPRINKLER CONTRACTOR. REFER TO CIVIL PLANS FOR CONTINUATION
10	BUILDING MOUNTED FDC. COORDINATE EXACT LOCATION OF FDC WITH LOCAL FIRE MARSHAL.



1
P-106D
ENLARGED SUPPLY PLAN LEVEL 1 AREA D
1/4" = 1'-0"

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4	P.R. #03	08/28/26

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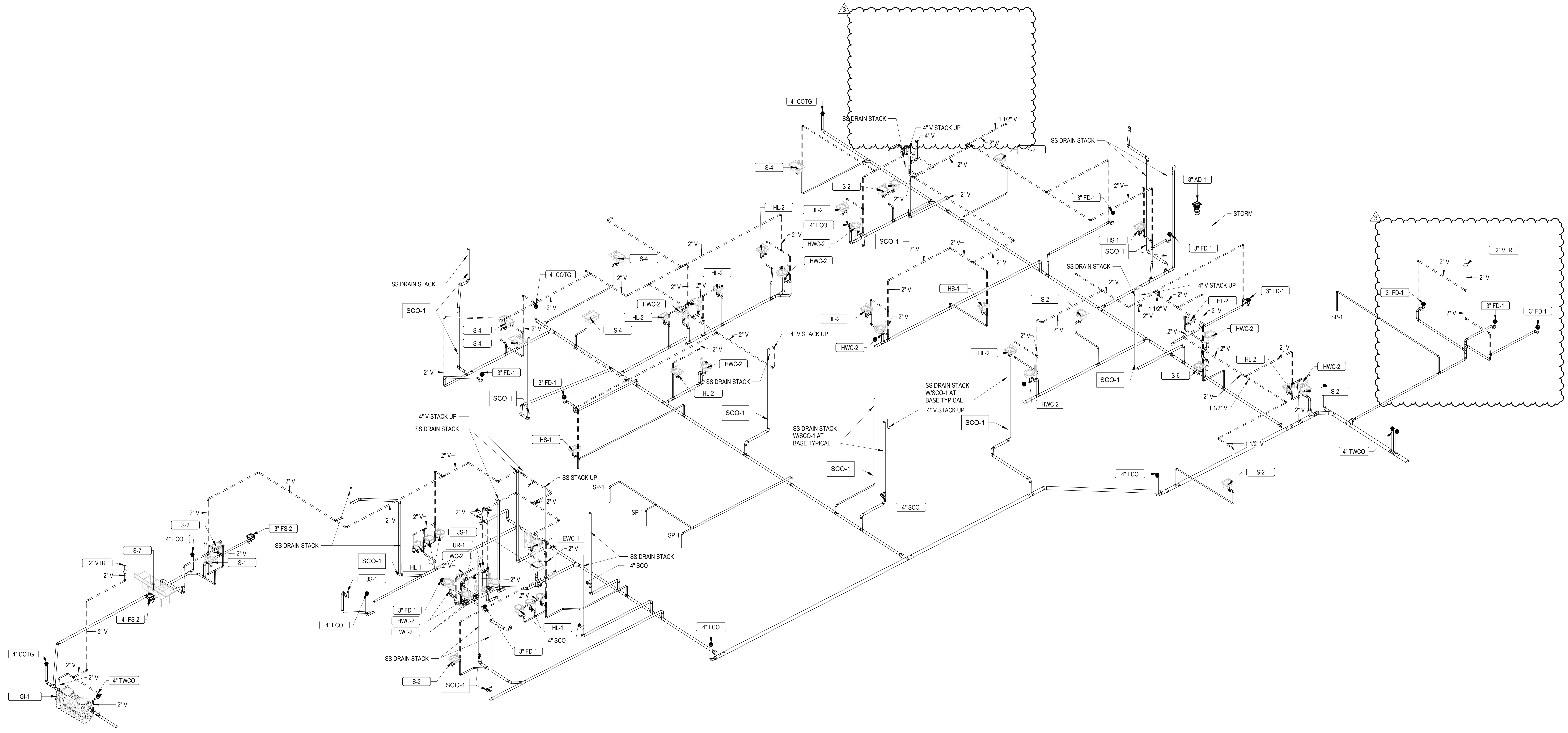
ENLARGED SUPPLY PLAN
LEVEL 1 - AREA D

P-106D



1
P-901
PLUMBING RISER - DRAIN & VENT 1ST FLOOR
1/8" = 1'-0"

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No. 19299
09/02/26

PLUMBING DRAIN AND
VENT RISER - LEVEL 1

P-901

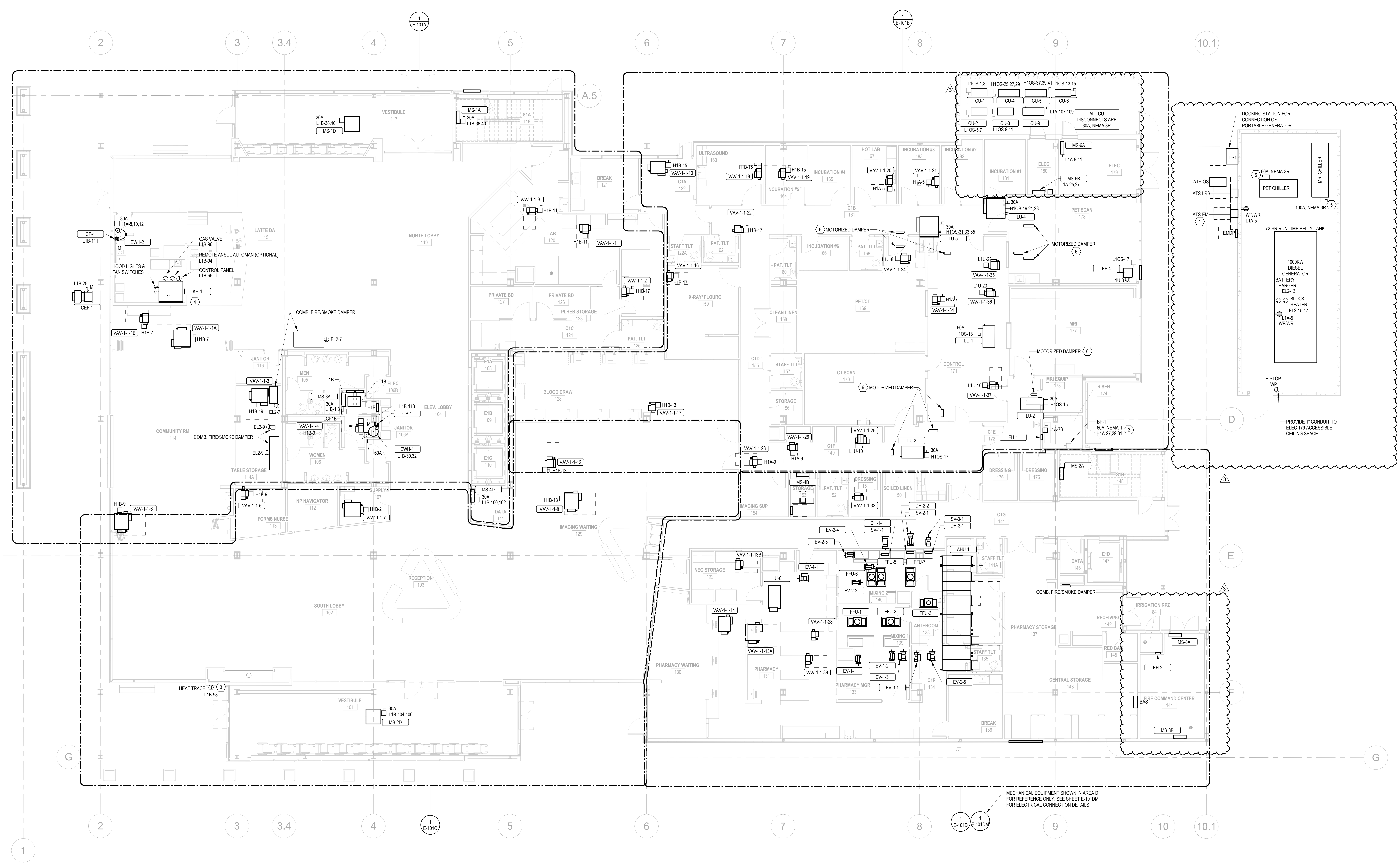
MECHANICAL POWER PLAN NOTES

- VAVS, FVS, EH, AND EFS HAVE FACTORY DISCONNECTS.
- VERIFY LOCATION OF ALL ELECTRICAL DISCONNECTS FOR MECHANICAL AND PLUMBING EQUIPMENT WITH BOTH MECHANICAL AND PLUMBING CONTRACTORS.
- ALL 480V/3PH WSHP'S/VAV'S REQUIRE A NEUTRAL CONDUCTOR

KEYNOTES △3

1	PROVIDE 1" CONDUIT WITH (2) #12 BETWEEN BETWEEN ATS-EM AND THE LIGHTING CONTROL SYSTEM PROCESSOR PANEL IN ELEC 179. USE SPARE CONTACT ON ATS-1 TO INDICATE EMERGENCY POWER IS ON. COORDINATE WITH LIGHTING CONTROL PANEL MANUFACTURERS FOR EXACT REQUIREMENTS.
2	CONFIRM EXACT LOCATION OF BOOSTER PUMP DISCONNECT WITH PLUMBING CONTRACTOR PRIOR TO INSTALLTION. PROVIDE FIELD WIRING FROM CONTROLLER TO MOTOR VFD'S. COORDINATE INSTALL WITH PLUMBING CONTRACTOR.
3	COORDINATE WITH PLUMBING CONTRACTOR TO PROVIDE CONNECTIONS TO HEAT TRACE, HT-1, ON EXPOSED DRAIN PIPING. PROVIDE CONNECTION THROUGH RAYCHEM THERMOSTATIC CONTROLLER, AMC-F5
4	PROVIDE CONNECTIONS TO KH-1 AND GEF-1 PER CAPTIVE AIRE DRAWINGS; REFERENCE SHEETS M-605 AND M-606. COORDINATE INSTALLATION WITH MECHANICAL AND ALARM CONTRACTORS.
5	PROVIDE CONNECTIONS TO IMAGING EQUIPMENT CHILLERS THROUGH DISCONNECT AS SHOWN ON PLAN. IMAGING EQUIPMENT CHILLERS ARE POWERED FROM THE CORRESPONDING IMAGING ROOM MAIN CONNECTION CABINET. REFERENCE E-401 FOR MORE DETAILS.
6	MOTORIZED DAMPERS ARE 24V, WIRED BY MECHANICAL CONTRACTOR.

△3



MECHANICAL EQUIPMENT SHOWN IN AREA D FOR REFERENCE ONLY. SEE SHEET E-101DM FOR ELECTRICAL CONNECTION DETAILS.

1 E-101 OVERALL POWER PLAN LEVEL 1
1/8" = 1'-0"

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Plan

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3	P.R. #03	08/28/26

PROJECT NO: 230303R
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CONTACT: W.BURGESS
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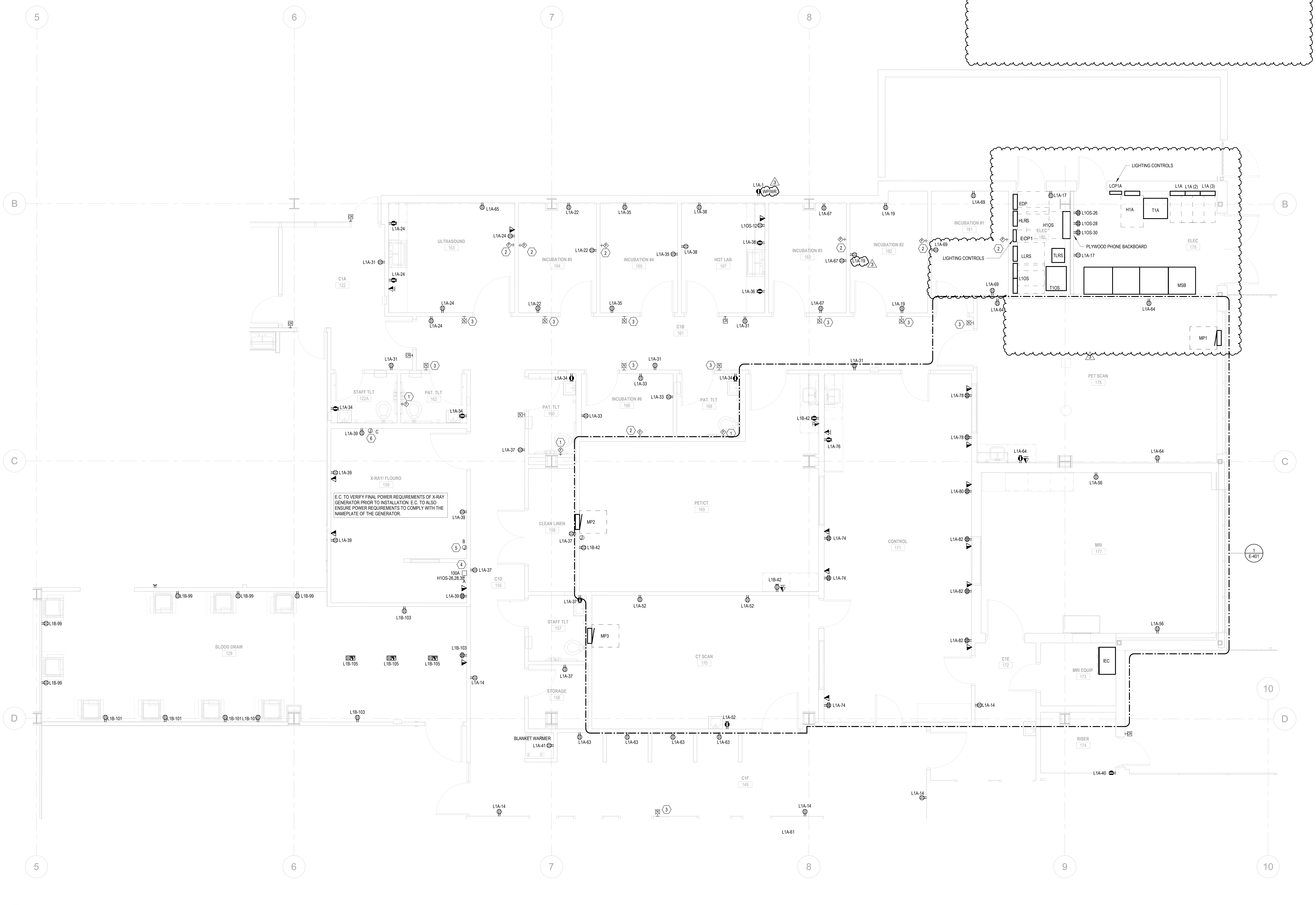
P.R. #03

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 9700
MICHAEL LEE WRIGHT

OVERALL MECHANICAL POWER PLAN LEVEL 1
9/2/26

E-101

KEYNOTES	
1	PROVIDE DEEP DEVICE BOX WITH 3/4" CONDUIT AND PULL STRING TO ACCESSABLE CEILING SPACE. PATIENT NURSE CALL DEVICE TO BE INSTALLED AT 42" AFF. PULL CORD TO BE INSTALLED SO THAT THE END OF THE CORD IS BETWEEN 4" AND 6" AFF.
2	PROVIDE DEEP DEVICE BOX WITH 3/4" CONDUIT AND PULL STRING TO ACCESSIBLE CEILING SPACE. NURSE CALL INITIATION DEVICE TO BE INSTALLED AT NO MORE THEN 48" AFF. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
3	PROVIDE DEEP DEVICE BOX WITH 3/4" CONDUIT AND PULL STRING TO ACCESSIBLE CEILING SPACE. INSTALL AT 7' 10" AFF.
4	RECESSED DISCONNECT "A" : 5' AFF WITH A 1'X1' JUNCTION BOX CENTERED BELOW IT AT 2'-6" AFF AND CONNECTED TO THE RECESSED DISCONNECT BY A 3" CONDUIT. PROVIDE A 1" ROMEX CONNECTOR CENTERED ON THE BOX. DRAWINGS.
5	JUNCTION BOX "B" : 1'X1' JUNCTION BOX CENTERED 2'-6" AFF AND CONNECTED TO "A" WITH A 3" CONDUIT. PROVIDE A 2" ROMEX CONNECTOR CENTERED ON THE BOX DRAWINGS.
6	JUNCTION BOX "C" : 4"X4" RECESSED JUNCTION BOX CENTERED 3' AFF AND CONNECTED TO "B" WITH A 1.5" CONDUIT. PROVIDE A 1" ROMEX CONNECTOR CENTERED ON THE BOX.



E.C. TO VERIFY FINAL POWER REQUIREMENTS OF X-RAY GENERATOR PRIOR TO INSTALLATION. E.C. TO ALSO ENSURE POWER REQUIREMENTS TO COMPLY WITH THE NAMEPLATE OF THE GENERATOR.

1
E-101B
ENLARGED POWER PLAN LEVEL 1 - AREA B
1/4" = 1'-0"

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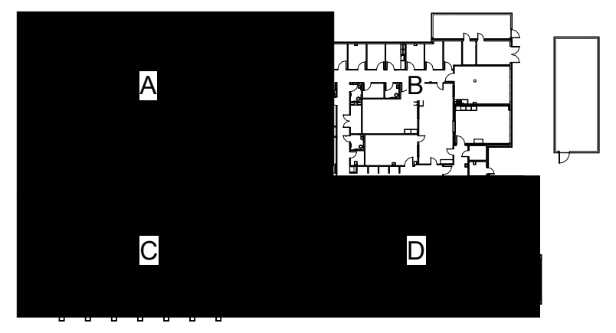

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P.R. #03

MICHAEL LEE WRIGHT
No. 9700

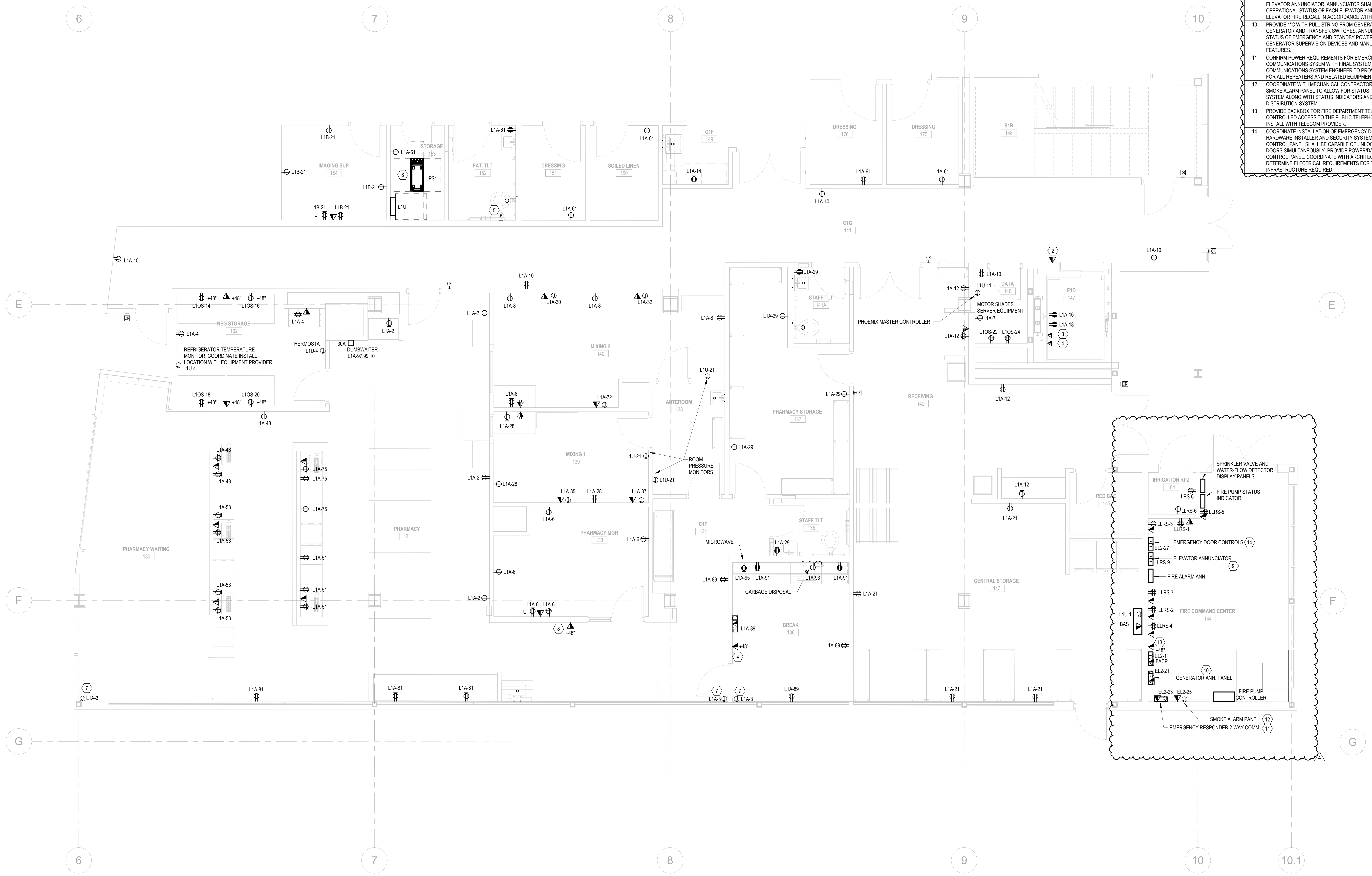
ENLARGED POWER PLAN
LEVEL 1 - AREA B
9/2/26

E-101B

KEYNOTES

1	BUILDING AUTOMATION SYSTEM. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION.
2	PROVIDE DATA FOR TWO-WAY COMMUNICATION DEVICE/HELP CALL BOX. COORDINATE WITH MANUFACTURER'S ELECTRICAL REQUIREMENTS AND VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
3	PROVIDE 1" CONDUIT FROM ELEVATOR PIT TO COLLECTION BARREL ROOM FOR SUMP PUMP ALARM CONNECTION EC PROVIDE ANY CONDUCTORS NEEDED FOR OPERATION OF SUMP PUMP.
4	PROVIDE 3/4" CONDUIT AND PULL STRING ROUTED TO ACCESSIBLE CEILING FOR FIRE ALARM CONTRACTOR.
5	PROVIDE DEEP DEVICE BOX WITH 3/4" CONDUIT AND PULL STRING TO ACCESSABLE CEILING SPACE. PATIENT NURSE CALL DEVICE TO BE INSTALLED AT 42" AFF. PULL CORD TO BE INSTALLED SO THAT THE END OF THE CORD IS BETWEEN 4" AND 6" AFF.
6	PROVIDE A SCHNEIDER APC E3SUPS10KFBS (OR EQUIVALENT) UPS TO BACKUP THE PANEL L1U. INSTALL PER MANUFACTURER'S REQUIREMENTS.
7	PROVIDE CONNECTION TO MOTORIZED SHADE SYSTEM PER MANUFACTURER'S INSTRUCTIONS. COORDINATE INSTALL WITH SHADE PROVIDER.
8	PROVIDE BACKBOX FOR MOTORIZED SHADE SYSTEM RAISE/LOWER SWITCH NEXT TO LIGHT SWITCH (IF PRESENT).
9	PROVIDE 1"C WITH PULL STRING FROM EACH ELEVATOR CONTROLLER TO THE ELEVATOR ANNUNCIATOR. ANNUNCIATOR SHALL INDICATE POSITION AND OPERATIONAL STATUS OF EACH ELEVATOR AND HAVE CAPABILITY TO INITIATE ELEVATOR FIRE RECALL IN ACCORDANCE WITH ASME A17.1/CSA B44.
10	PROVIDE 1"C WITH PULL STRING FROM GENERATOR ANNUNCIATOR PANEL TO GENERATOR AND TRANSFER SWITCHES. ANNUNCIATOR SHALL INDICATE THE STATUS OF EMERGENCY AND STANDBY POWER SYSTEMS AS WELL AS HAVE GENERATOR SUPERVISION DEVICES AND MANUAL START AND TRANSFER FEATURES.
11	CONFIRM POWER REQUIREMENTS FOR EMERGNECY RESPONDER 2-WAY COMMUNICATIONS SYSEM WITH FINAL SYSTEM DESIGN. COORDINATE WITH COMMUNICATIONS SYSTEM ENGINEER TO PROVIDE ALL BACK-BOXES AND POWER FOR ALL REPEATERS AND RELATED EQUIPMENT.
12	COORDINATE WITH MECHANICAL CONTRACTOR TO PROVIDE ALL WIRING TO SMOKE ALARM PANEL TO ALLOW FOR STATUS INDICATION OF SMOKE REMOVAL SYSTEM ALONG WITH STATUS INDICATORS AND CONTROLS FOR AIR DISTRIBUTION SYSTEM.
13	PROVIDE BACKBOX FOR FIRE DEPARTMENT TELEPHONE SERVICE WITH CONTROLLED ACCESS TO THE PUBLIC TELEPHONE SYSTEM. COORDINATE INSTALL WITH TELECOM PROVIDER.
14	COORDINATE INSTALLATION OF EMERGENCY DOOR CONTROLS WITH DOOR HARDWARE INSTALLER AND SECURITY SYSTEM CONTRACTOR SUCH THAT CONTROL PANEL SHALL BE CAPABLE OF UNLOCKING INTERIOR EXIT STAIRWAY DOORS SIMULTANEOUSLY. PROVIDE POWER/DATA FOR STAIRWAY DOOR CONTROL PANEL. COORDINATE WITH ARCHITECT AND SYSTEM PROVIDER TO DETERMINE ELECTRICAL REQUIREMENTS FOR THE PANEL AND ANY ADDITIONAL INFRASTRUCTURE REQUIRED.

4



1 E-101D ENLARGED POWER PLAN LEVEL 1 - AREA D
1/4" = 1'-0"

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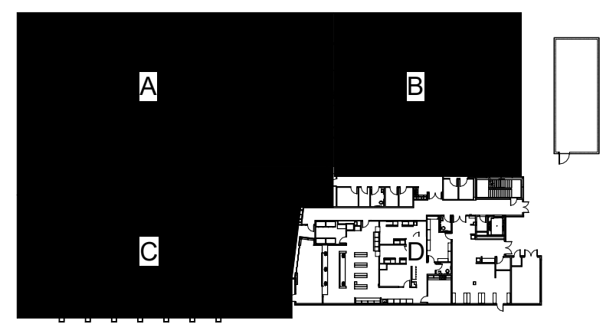
HOG
HIGHLANDS
ONCOLOGY GROUP

SOUTH JB HUNT DRIVE
ROGERS, AR 72756

Key Plan



No.	Description	Date
1	ADDENDUM 01	12/18/25
2	ADDENDUM 03	02/04/26
3	~~P.R. #01~~	~~07/02/26~~
4	~~P.R. #03~~	~~08/28/26~~

PROJECT NO: 230303R
ISSUE DATE: 11/26/25
CONTACT: W.BURGESS
CHECKED BY:

P.R. #03

MICHAEL LEE WRIGHT
No. 9700

ENLARGED POWER PLAN
LEVEL 1 - AREA D

9/2/26

E-101D

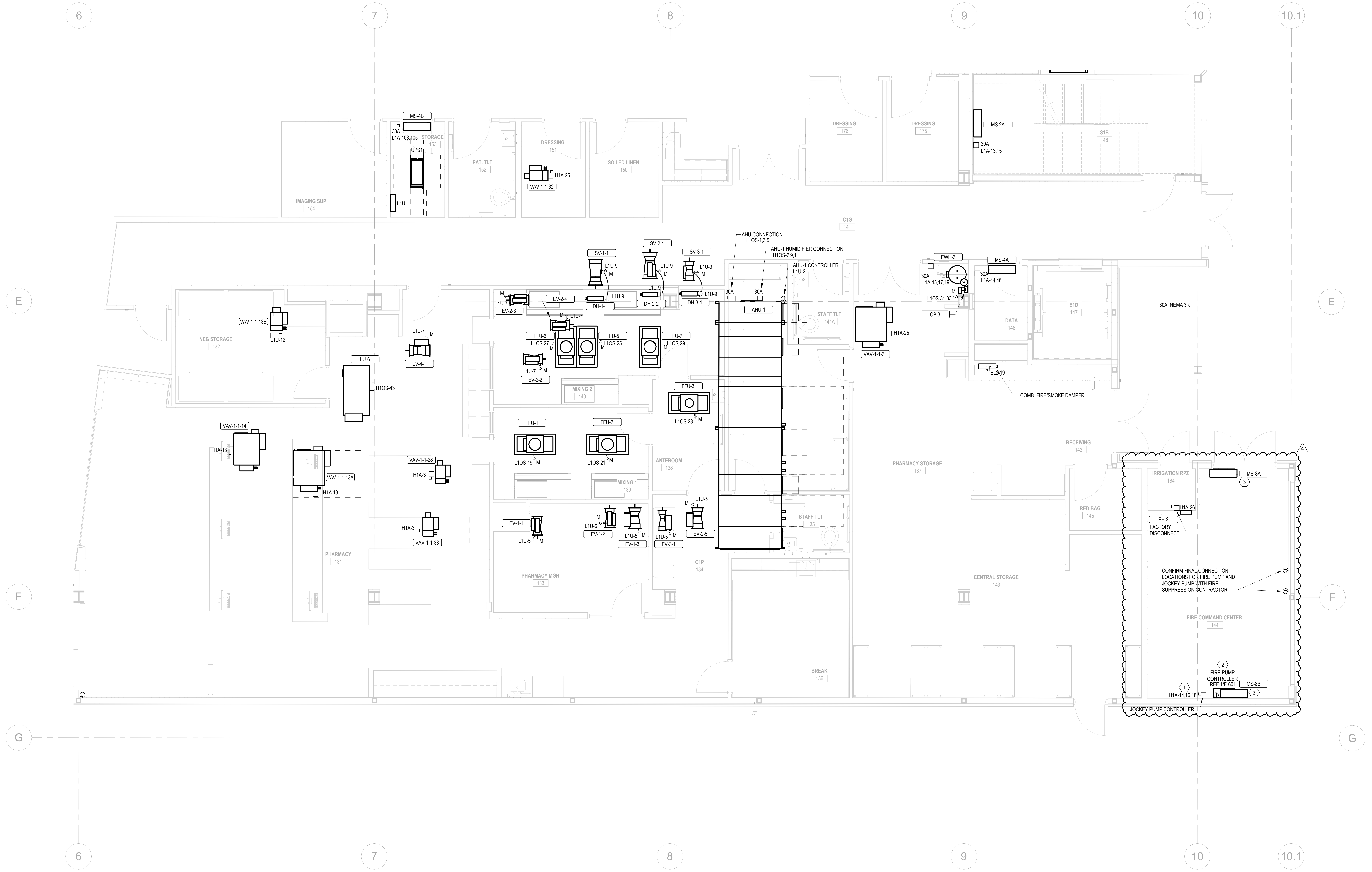
MECHANICAL POWER PLAN NOTES

VAVS, FVS, EH, AND EFS HAVE FACTORY DISCONNECTS.
VERIFY LOCATION OF ALL ELECTRICAL DISCONNECTS FOR MECHANICAL AND PLUMBING EQUIPMENT WITH BOTH MECHANICAL AND PLUMBING CONTRACTORS.
ALL 480V/3PH WSHP'S/VAV'S REQUIRE A NEUTRAL CONDUCTOR

KEYNOTES

1	JOCKEY PUMP. COORDINATE WITH OWNER AND FIRE SUPPRESSION CONTRACTOR FOR LOCATION. PRIOR TO CONSTRUCTION COORDINATE ELECTRICAL REQUIREMENTS WITH FIRE SUPPRESSION CONTRACTOR. MAKE FINAL CONNECTION FROM JOCKEY PUMP CONTROLLER TO JOCKEY PUMP.
2	FIRE PUMP CONTROLLER CONNECTION. COORDINATE WITH OWNER AND FIRE SUPPRESSION CONTRACTOR FOR LOCATION AND ELECTRICAL CONNECTION. MAKE FINAL CONNECTION FROM FIRE PUMP CONTROLLER TO FIRE PUMP.
3	INDOOR UNIT POWERED FROM OUTDOOR UNIT. COORDINATE INSTALL WITH MECHANICAL CONTRACTOR.

4



1 E-101DM **ENLARGED MECHANICAL POWER PLAN LEVEL 1 - AREA D**
1/4" = 1'-0"

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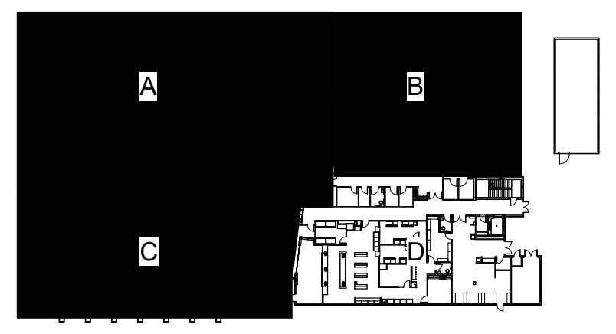
Key Plan



No.	Description	Date
1	ADDENDUM 01	12/18/25
2	ADDENDUM 03	02/04/26
3	P.R. #01	07/02/26
4	P.R. #03	08/28/26

PROJECT NO:	230303R
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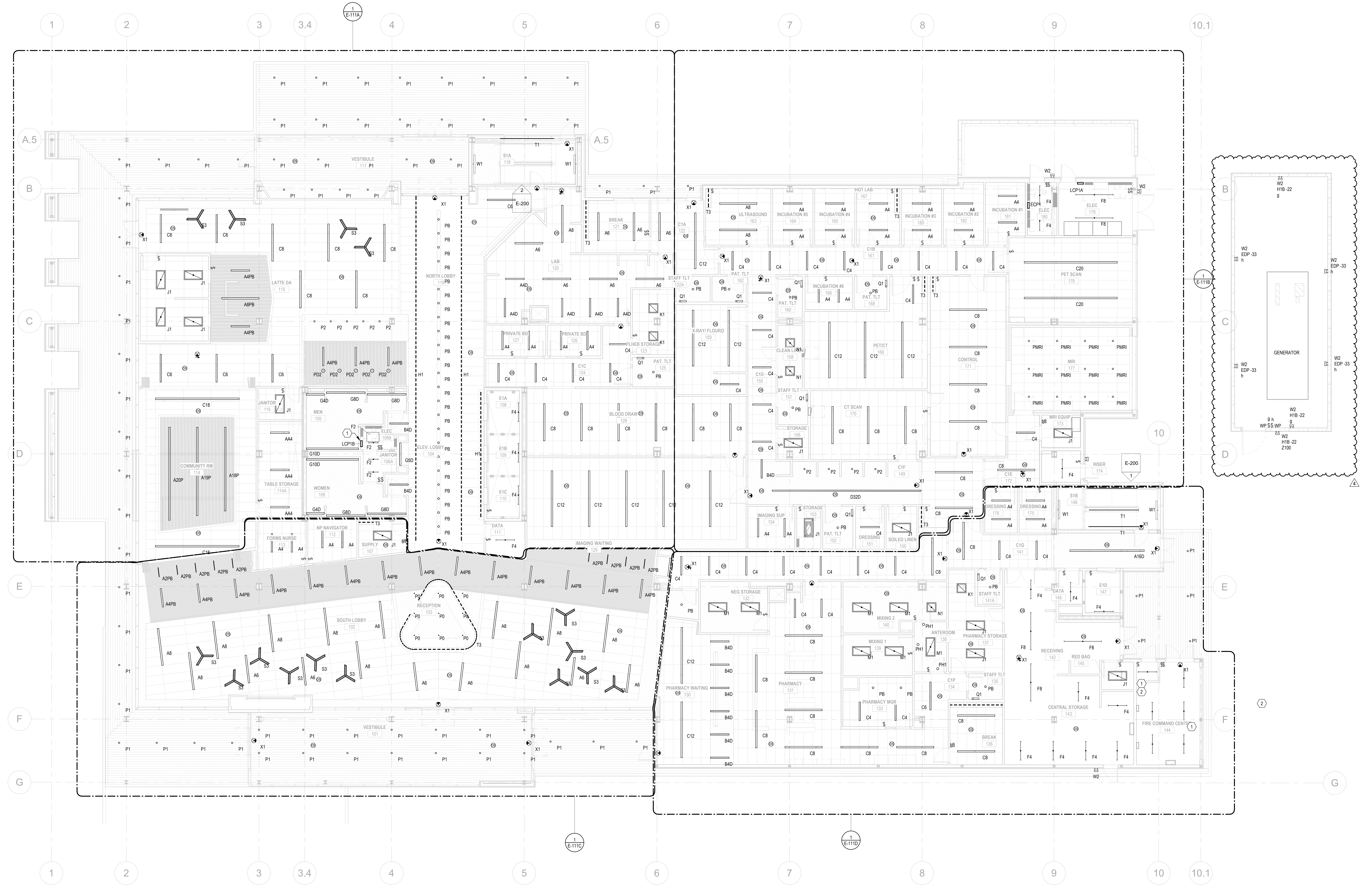
MICHAEL LEE WRIGHT

ENLARGED MECHANICAL POWER PLAN LEVEL 1 - AREA D

9/2/26

E-101DM

	KEYNOTES
1	CRESTRON LIGHTING CONTROL PANEL. BASIS OF DESIGN IS CRESTRON ZUM WIRED DIN RAIL PANEL WITH ZUMLINK DIN RAIL DIMMER MODULES. PROVIDE POWER TO DIN RAIL POWER SUPPLY MODULE FROM ONE OF THE LIGHTING FEED CIRCUITS TO THE LIGHTING CONTROL PANEL. REFER TO SHEET E-201 FOR LIGHTING CONTROL PANEL LOAD SCHEDULES.
2	PROVIDE WIRING FROM GENERATOR NORMALLY OPEN CONTACT TO EMERGENCY LIGHTING CONTROL PANEL, ECP#. (2) #12 AWG IN (1) 1/2" C. ALL EMERGENCY LIGHTING CONTROL PANELS SHALL RECEIVE WIRING FROM THIS CONTACT. CONTACT SHALL CLOSE UPON STARTING OF THE GENERATOR.



1 E-111 OVERALL LIGHTING PLAN LEVEL 1
1/8" = 1'-0"

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Key Plan

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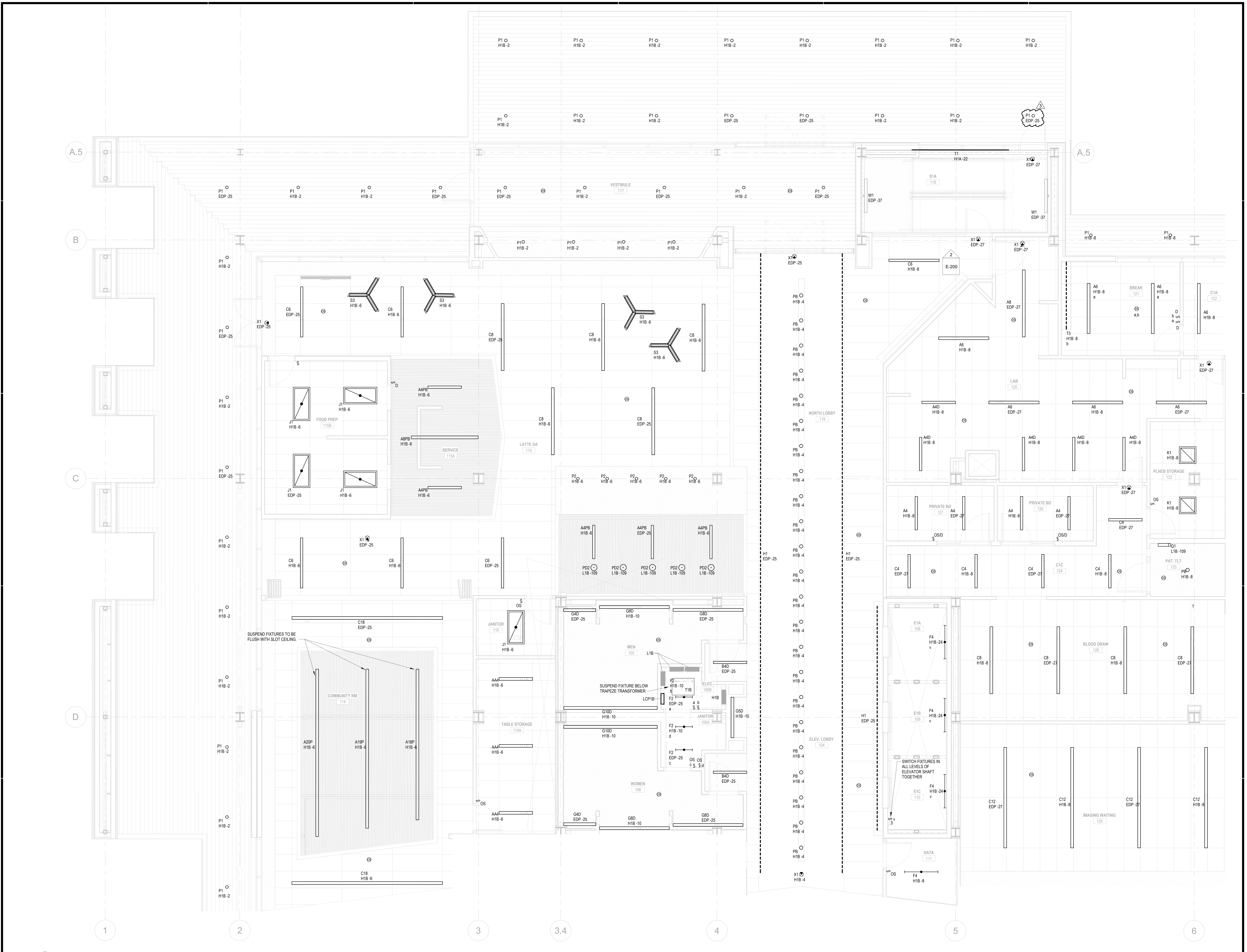
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 9700
MICHAEL LEE WRIGHT

OVERALL LIGHTING PLAN
LEVEL 1
9/2/26

E-111



1
E-111A
ENLARGED LIGHTING PLAN LEVEL 1 - AREA A
1/4" = 1'-0"

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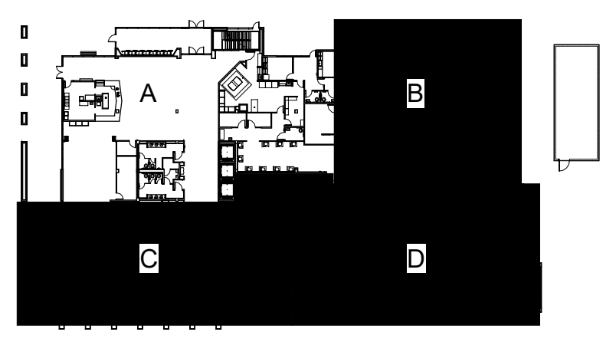

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3	P.R. #03	08/28/26

PROJECT NO: 230303R
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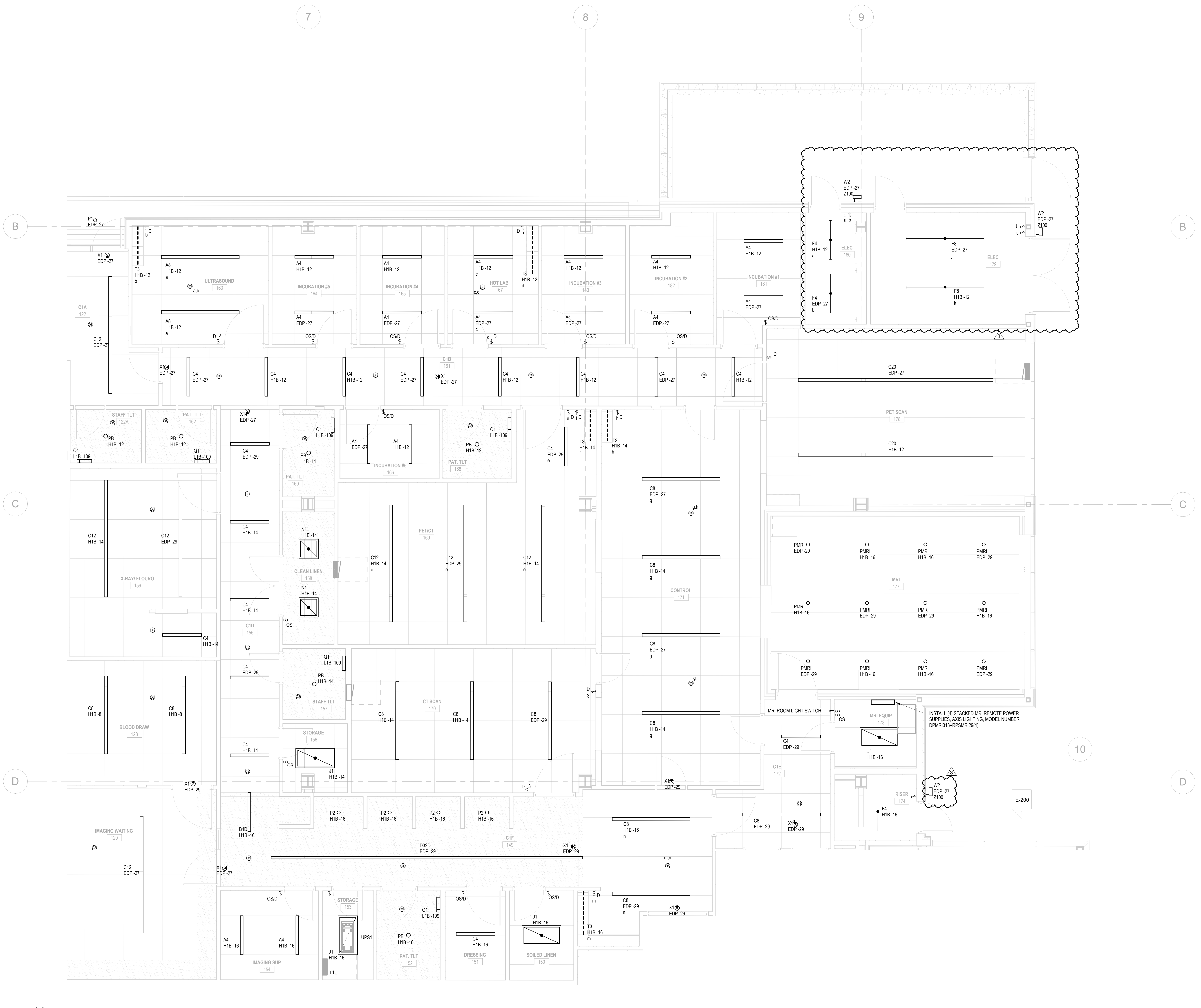
MICHAEL LEE WRIGHT
No. 9700

ENLARGED LIGHTING
PLAN LEVEL 1 - AREA A

9/2/26

E-111A



1
E-111B
ENLARGED LIGHTING PLAN LEVEL 1 - AREA B
1/4" = 1'-0"

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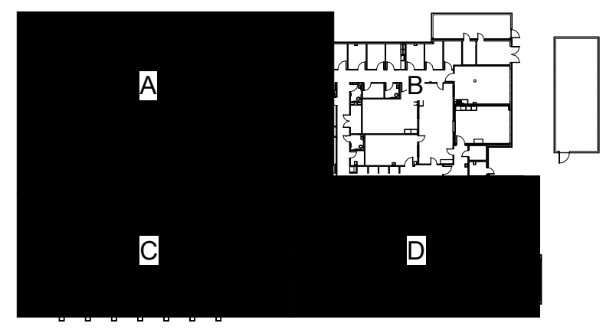
Key
Plan



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No. 9700

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PLAN LEVEL 1 - AREA B
9/2/26

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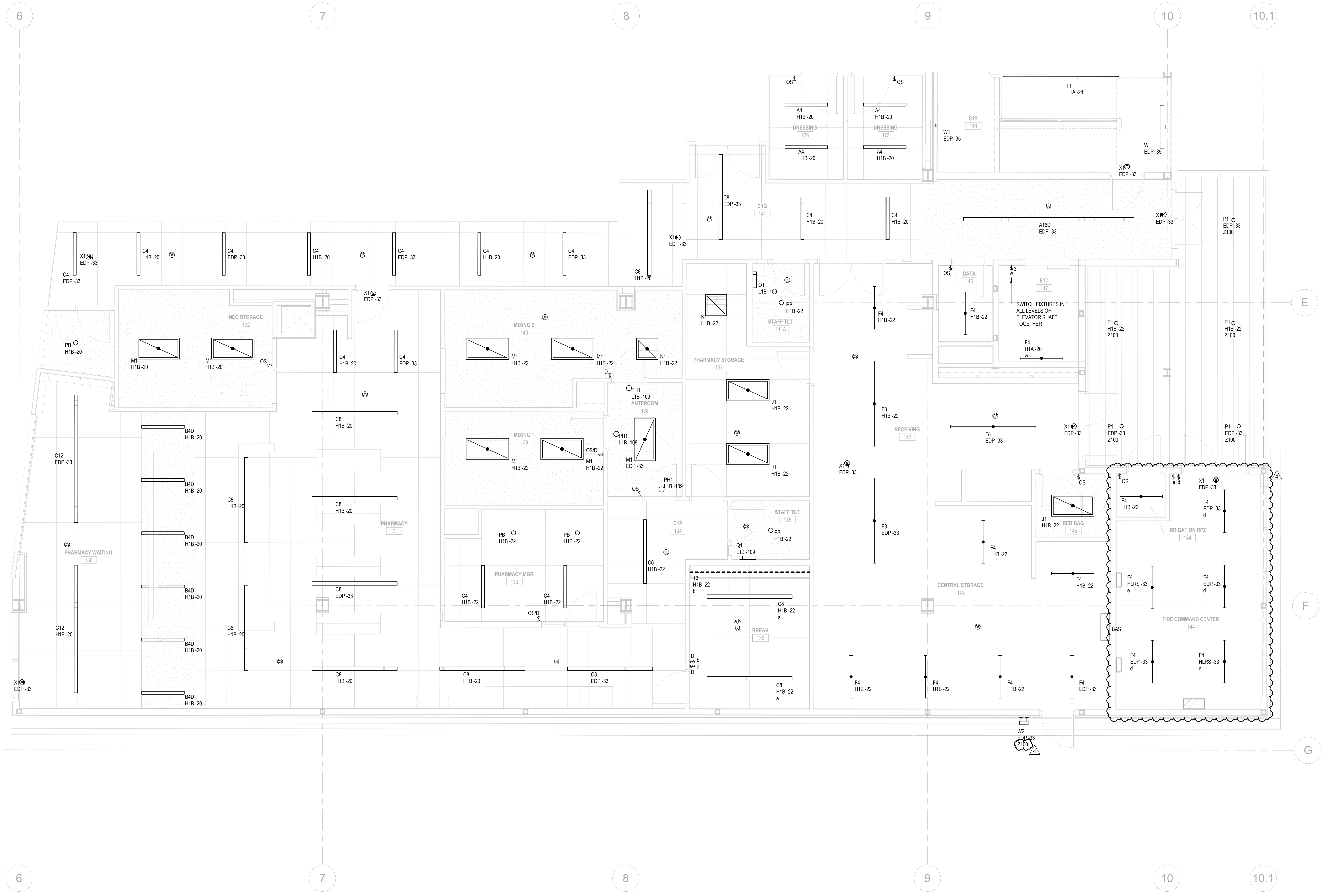

1 E-111D ENLARGED LIGHTING PLAN LEVEL 1 - AREA D
1/4" = 1'-0"

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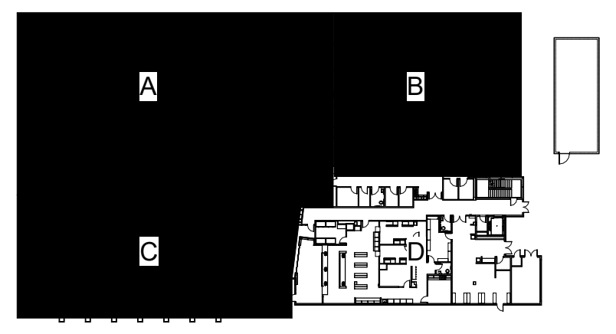
Key
Plan



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ENLARGED LIGHTING PLAN LEVEL 1 - AREA D
9/2/26

E-111D

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PANELBOARD: EMDP

Location: GENERATOR ENCLOURE
Supply From: GENERATOR
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 480Y/277
Phases: 3
Wires: 4
Notes: INTEGRAL SURGE PROTECTION DEVICE
A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 600 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	ATS-EM (3) (8)	R; L; P	200	3		18.90	26.60						3	175	P	FIRE PUMP (3) (8)	2
3								14.98	26.60								4
5										9.60	26.60						6
7	SPARE	--	20	1		0.00	0.00						1	20	--	SPARE	8
9	SPARE	--	20	1				0.00	0.00				1	20	--	SPARE	10
11	SPARE	--	20	1						0.00	0.00		1	20	--	SPARE	12
13	SPACE	--	--	1		--	--						1	--	--	SPACE	14
15	SPACE	--	--	1				--	--				1	--	--	SPACE	16
17	SPACE	--	--	1						--	--		1	--	--	SPACE	18
19	SPACE	--	--	1		--	--						1	--	--	SPACE	20
21	SPACE	--	--	1				--	--				1	--	--	SPACE	22
23	SPACE	--	--	1						--	--		1	--	--	SPACE	24
25	SPACE	--	--	1		--	--						1	--	--	SPACE	26
27	SPACE	--	--	1				--	--				1	--	--	SPACE	28
29	SPACE	--	--	1						--	--		1	--	--	SPACE	30
31	SPACE	--	--	1		--	--						1	--	--	SPACE	32
33	SPACE	--	--	1				--	--				1	--	--	SPACE	34
35	SPACE	--	--	1						--	--		1	--	--	SPACE	36
37	SPACE	--	--	1		--	0.00						3	30	--	SPD	38
39	SPACE	--	--	1				--	0.00								40
41	SPACE	--	--	1						--	0.00						42
					Total Load:	45.51		41.59		36.21		kVA					
					Total Amps:	167.3 A		153.1 A		130.7 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	3400 VA	100.00%	3400 VA		
(L) LIGHTING	34671 VA	125.00%	43339 VA	**Total Conn. Load:**	123303 VA
(P) NON-CONTINUOUS POWER	85232 VA	100.00%	85232 VA	**Total Feeder Load:**	131971 VA
				Total Connected Current:	148.3 A
				Total Feeder Current:	158.7 A

Switchboard: MSB

Location: ELEC 179 5
Supply From: UTILITY
Mounting: PAD MOUNTED
Enclosure: NEMA 1
Volts: 480Y/277
Phases: 3
Wires: 4
Panel Notes:
A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 5000 A

CKT	Circuit Description	# of Poles	Trip Rating	Load	Load Class	Notes
1	ATS-OS (8)	3	1200 A	571355 VA	R; P; H	
2	ATS-EM (8)	3	200 A	43491 VA	R; L; P	
3	ATS-LRS (8)	3	200 A	101847 VA	R; L; P; H	
4	H1A (8)	3	400 A	119554 VA	R; L; P; H	
5	H1B (8)	3	225 A	101426 VA	R; L; P; H	
6	H2A (8)	3	400 A	169085 VA	R; L; P; H	
7	H3A (8)	3	400 A	165185 VA	R; L; P; H	
8	H4A (8)	3	400 A	51078 VA	R; L; P; H	
9	H5A (8)	3	600 A	205934 VA	R; L; P; H	
10	RTU-1 CIRCUIT 1 (8)	3	225 A	177502 VA	H	
11	RTU-1 CIRCUIT 2 (8)	3	150 A	114678 VA	H	
12	RTU-2 CIRCUIT 1 (8)	3	225 A	177502 VA	H	
13	RTU-2 CIRCUIT 2 (8)	3	150 A	114678 VA	H	
14	CH-1 (8)	3	700 A	425472 VA	H	
15	CH-2 (8)	3	700 A	425472 VA	H	
16	CH-3 (8)	3	700 A	425472 VA	H	
17	SPACE	1	--	--	--	
18	SPACE	1	--	--	--	
19	SPACE	1	--	--	--	
20	SPD	1	125 A	0 VA	--	
			Total Load:	3389.73	kVA	
			Total Amps	4077.2	Amps	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	218 VA	100.00%	218 VA		
(R) RECEPTACLE	308450 VA	51.62%	159225 VA	**Total Conn. Load:**	3389.7 kVA
(L) LIGHTING	101321 VA	125.00%	126651 VA	**Total Est. Demand:**	3265.8 kVA
(P) NON-CONTINUOUS POWER	549357 VA	100.00%	549357 VA	**Total Conn.:**	4077.2 A
(H) HVAC	2430384 VA	100.00%	2430384 VA	**Total Est. Demand:**	3928.2 A

PANELBOARD: EH2

Location: ELEC 253
Supply From: EDP
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 480Y/277
Phases: 3
Wires: 4
Notes: INTEGRAL SURGE PROTECTION DEVICE
A.I.C. Rating: Fully (7)
Mains Type: MLO
Mains Rating: 100 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	AREA A EM LIGHTS	L	20	1		2.99	--						1	--	--	SPACE	2
3	AREA B EM LIGHTS	L	20	1				2.82	--				1	--	--	SPACE	4
5	AREA C EM LIGHTS	L	20	1						1.75	--		1	--	--	SPACE	6
7	AREA D EM LIGHTS	L	20	1		1.64	--						1	--	--	SPACE	8
9	SPARE	--	20	1				0.00	--				1	--	--	SPACE	10
11	SPARE	--	20	1						0.00	--		1	--	--	SPACE	12
13	SPARE	--	20	1		0.00	--						1	--	--	SPACE	14
15	SPARE	--	20	1				0.00	--				1	--	--	SPACE	16
17	SPARE	--	20	1						0.00	--		1	--	--	SPACE	18
19	SPACE	--	--	1		--	--						1	--	--	SPACE	20
21	SPACE	--	--	1				--	--				1	--	--	SPACE	22
23	SPACE	--	--	1						--	--		1	--	--	SPACE	24
25	SPACE	--	--	1		--	0.00						3	30	--	SPD	26
27	SPACE	--	--	1				--	0.00								28
29	SPACE	--	--	1						--	0.00						30
					Total Load:	4.63		2.82		1.75		kVA					
					Total Amps:	17.3 A		10.8 A		6.3 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(L) LIGHTING	9198 VA	125.00%	11498 VA		
				Total Conn. Load:	9198 VA
				Total Feeder Load:	11498 VA
				Total Connected Current:	11.1 A
				Total Feeder Current:	13.8 A

PANELBOARD: EH3

Location: ELEC 338
Supply From: EDP
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 480Y/277
Phases: 3
Wires: 4
Notes: INTEGRAL SURGE PROTECTION DEVICE
A.I.C. Rating: Fully (7)
Mains Type: MLO
Mains Rating: 100 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	AREA A EM LIGHTS	L	20	1		2.74	--						1	--	--	SPACE	2
3	AREA B EM LIGHTS	L	20	1				1.59	--				1	--	--	SPACE	4
5	AREA C EM LIGHTS	L	20	1						1.39	--		1	--	--	SPACE	6
7	AREA D EM LIGHTS	L	20	1		1.18	--						1	--	--	SPACE	8
9	SPARE	--	20	1				0.00	--				1	--	--	SPACE	10
11	SPARE	--	20	1						0.00	--		1	--	--	SPACE	12
13	SPARE	--	20	1		0.00	--						1	--	--	SPACE	14
15	SPARE	--	20	1				0.00	--				1	--	--	SPACE	16
17	SPACE	--	--	1						--	--		1	--	--	SPACE	18
19	SPACE	--	--	1		--	--						1	--	--	SPACE	20
21	SPACE	--	--	1				--	--				1	--	--	SPACE	22
23	SPACE	--	--	1						--	--		1	--	--	SPACE	24
25	SPACE	--	--	1		--	0.00						3	30	--	SPD	26
27	SPACE	--	--	1				--	0.00								28
29	SPACE	--	--	1						--	0.00						30
					Total Load:	3.92		1.59		1.39		kVA					
					Total Amps:	14.3 A		5.8 A		5.0 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(L) LIGHTING	6894 VA	125.00%	8617 VA		
				Total Conn. Load:	6894 VA
				Total Feeder Load:	8617 VA
				Total Connected Current:	8.3 A
				Total Feeder Current:	10.4 A

PANELBOARD: EDP

Location: ELEC 180 5
Supply From: ATS-EM
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 480Y/277
Phases: 3
Wires: 4
Notes: INTEGRAL SURGE PROTECTION DEVICE
A.I.C. Rating: Fully (7)
Mains Type: MLO
Mains Rating: 225 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	EH2 (8)	L	60	3		4.63	1.80						3	40	R; P	T2E (8)	2
3								2.82	2.51								4
5										1.75	2.17						6
7	EH3 (8)	L	60	3		3.92	2.08						3	40	R; L; P	T4E (8)	8
9								1.59	1.22								10
11										1.39	1.04						12
13	EH4 (8)	L	60	3		0.43	0.00						1	20	--	SPARE	14
15								3.08	0.00				1	20	--	SPARE	16
17										0.00	0.00		1	20	--	SPARE	18
19	EH5 (8)	L	60	3		1.71	0.00						1	20	--	SPARE	20
21								0.39	0.00				1	20	--	SPARE	22
23										1.67	0.00		1	20	--	SPARE	24
25	AREA A EM LIGHTS	L	20	1		3.03	--						1	--	--	SPACE	26
27	AREA A EM LIGHTS	L	20	1				2.11	--				1	--	--	SPACE	28
29	AREA B EM LIGHTS	L	20	1						1.17	--		1	--	--	SPACE	30
31	AREA C EM LIGHTS	L	20	1		0.87	--						1	--	--	SPACE	32
33	AREA D EM LIGHTS	L	20	1				1.27	--				1	--	--	SPACE	34
35	E STAIRWELL EM LIGHTS	L	20	1						0.43	--		1	--	--	SPACE	36
37	N STAIRWELL EM LIGHTS	L	20	1		0.43	0.00						3	30	--	SPD	38
39	SPARE	--	20	1				0.00	0.00								40
41	SPARE	--	20	1						0.00	0.00						42
					Total Load:	18.90		14.98		9.60		kVA					
					Total Amps:	71.2 A		57.1 A		34.7 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	3400 VA	100.00%	3400 VA		
(L) LIGHTING	34671 VA	125.00%	43339 VA	**Total Conn. Load:**	43491 VA
(P) NON-CONTINUOUS POWER	5420 VA	100.00%	5420 VA	**Total Feeder Load:**	52159 VA
				Total Connected Current:	52.3 A
				Total Feeder Current:	62.7 A

PANELBOARD: EH4

Location: ELEC 405
Supply From: EDP
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 480Y/277
Phases: 3
Wires: 4
Notes: INTEGRAL SURGE PROTECTION DEVICE
A.I.C. Rating: Fully (7)
Mains Type: MLO
Mains Rating: 100 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	4TH FLOOR LIGHTS (10)	L	20	1		0.43	--						1	--	--	SPACE	2
3	4TH FLOOR LIGHTS (10)	L	20	1				3.08	--				1	--	--	SPACE	4
5	SPARE	--	20	1						0.00	--		1	--	--	SPACE	6
7	SPARE	--	20	1		0.00	--						1	--	--	SPACE	8
9	SPARE	--	20	1				0.00	--				1	--	--	SPACE	10
11	SPARE	--	20	1						0.00	--		1	--	--	SPACE	12
13	SPARE	--	20	1		0.00	--						1	--	--	SPACE	14
15	SPARE	--	20	1				0.00	--				1	--	--	SPACE	16
17	SPACE	--	--	1						--	--		1	--	--	SPACE	18
19	SPACE	--	--	1		--	--						1	--	--	SPACE	20
21	SPACE	--	--	1				--	--				1	--	--	SPACE	22
23	SPACE	--	--	1						--	--		1	--	--	SPACE	24
25	SPACE	--	--	1		--	0.00						3	30	--	SPD	26
27	SPACE	--	--	1				--	0.00								28
29	SPACE	--	--	1						--	0.00						30
					Total Load:	0.43		3.08		0.00		kVA					
					Total Amps:	1.8 A		11.4 A		0.0 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(L) LIGHTING	3508 VA	125.00%	4386 VA		
				Total Conn. Load:	3508 VA
				Total Feeder Load:	4386 VA
				Total Connected Current:	4.2 A
				Total Feeder Current:	5.3 A

PANELBOARD: EH5

Location: ELEC 506
Supply From: EDP
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 480Y/277
Phases: 3
Wires: 4
Notes: INTEGRAL SURGE PROTECTION DEVICE
A.I.C. Rating: Fully (7)
Mains Type: MLO
Mains Rating: 100 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	5TH FLOOR LIGHTS (10)	L	20	1		1.71	--						1	--	--	SPACE	2
3	SPARE	--	20	1				0.00	--				1	--	--	SPACE	4
5	SPARE	--	20	1						0.00	--		1	--	--	SPACE	6
7	SPARE	--	20	1		0.00	--						1	--	--	SPACE	8
9	LTG - ROOF (10)	L	20	1				0.39	--				1	--	--	SPACE	10
11	5TH FLOOR LIGHTS (10)	L	20	1						1.67	--		1	--	--	SPACE	12
13	SPARE	--	20	1		0.00	--						1	--	--	SPACE	14
15	SPARE	--	20	1				0.00	--				1	--	--	SPACE	16
17	SPARE	--	20	1						0.00	--		1	--	--	SPACE	18
19	SPACE	--	--	1		--	--						1	--	--	SPACE	20
21	SPACE	--	--	1				--	--				1	--	--	SPACE	22
23	SPACE	--	--	1						--	--		1	--	--	SPACE	24
25	SPACE	--	--	1		--	0.00						3	30	--	SPD	26
27	SPACE	--	--	1				--	0.00								28
29	SPACE	--	--	1						--	0.00						30
					Total Load:	1.71		0.39		1.67		kVA					
					Total Amps:	6.9 A		1.4 A		6.7 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(L) LIGHTING	3768 VA	125.00%	4711 VA		
				Total Conn. Load:	3768 VA
				Total Feeder Load:	4711 VA
				Total Connected Current:	4.5 A
				Total Feeder Current:	5.7 A

PANELBOARD: EL2

Location: ELEC 253
Supply From: T2E
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 208Y/120
Phases: 3
Wires: 4
Notes: INTEGRAL SURGE PROTECTION DEVICE
A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 60 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	COMB. FIRE/SMOKE DAMPER (3)	P	20	1		0.54	0.00						1	20	--	SPARE	2
3	COMB. FIRE/SMOKE DAMPER (3)	P	20	1				0.54	0.00				1	20	--	SPARE	4
5	COMB. FIRE/SMOKE DAMPER (3)	P	20	1						0.54	0.00		1	20	--	SPARE	6
7	COMB. FIRE/SMOKE DAMPER (3)	P	20	1		0.36	0.00						1	20	--	SPARE	8
9	COMB. FIRE/SMOKE DAMPER (3)	P	20	1				0.36	0.00				1	20	--	SPARE	10
11	FACP (3)	P	20	1						0.20	0.00		1	20	--	SPARE	12
13	BATTERY CHARGER (3)	R	20	1		0.18	0.00						1	20	--	SPARE	14
15	BLOCK HEATER (3)	R	30	2	#10			1.25	--				1	--	--	SPACE	16
17										1.25	--		1	--	--	SPACE	18
19	COMB. FIRE/SMOKE DAMPER (3)	R; P	20	1		0.54	--						1	--	--	SPACE	20
21	GEN. ANNUNCIATOR PANEL (3)	P	20	1				0.18	--				1	--	--	SPACE	22
23	EM 2-WAY COMMS SYSTEM (3)	P	20	1						0.18	--		1	--	--	SPACE	24
25	PWR - SMOKE ALARM PANEL (3)	P	20	1		0.18	0.00						3	30	--	SPD	26
27	STAIRWAY DOOR CONTROL (3)	P	20	1				0.18	0.00								28
29	SPARE	--	20	1						0.00	0.00						30
					Total Load:	1.80		2.51		2.17		kVA					
					Total Amps:	15.0 A		21.4 A		18.6 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	2860 VA	100.00%	2860 VA		
(P) NON-CONTINUOUS POWER	3620 VA	100.00%	3620 VA	**Total Conn. Load:**	6480 VA
				Total Feeder Load:	6480 VA
				Total Connected Current:	18.0 A
				Total Feeder Current:	18.0 A

PANELBOARD: EL4

Location: ELEC 405
Supply From: T4E
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 208Y/120
Phases: 3
Wires: 4
Notes: INTEGRAL SURGE PROTECTION DEVICE
A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 60 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	COMB. FIRE/SMOKE DAMPER (3)	P	20	1		0.18	0.50						1	20	L	CAB LIGHTS ELEV 1	2
3	COMB. FIRE/SMOKE DAMPER (3)	P	20	1				0.36	0.50				1	20	L	CAB LIGHTS ELEV 2	4
5	COMB. FIRE/SMOKE DAMPER (3)	P	20	1						0.36	0.50		1	20	L	CAB LIGHTS ELEV 3	6
7	COMB. FIRE/SMOKE DAMPER (3)	P	20	1		0.36	0.50						1	20	L	CAB LIGHTS ELEV 4	8
9	COMB. FIRE/SMOKE DAMPER (3)	P	20	1				0.36	0.00				1	20	--	SPARE	10
11	COMB. FIRE/SMOKE DAMPER (3)	P	20	1						0.18	0.00		1	20	--	SPARE	12
13	COMB. FIRE/SMOKE DAMPER (3)	R	20	1		0.54	--						1	--	--	SPACE	14
15	SPACE	--	--	1				--	--				1	--	--	SPACE	16
17	SPACE	--	--	1						--	--		1	--	--	SPACE	18
19	SPACE	--	--	1		--	--						1	--	--	SPACE	20
21	SPACE	--	--	1				--	--				1	--	--	SPACE	22
23	SPACE	--	--	1						--	--		1	--	--	SPACE	24
25	SPACE	--	--	1		--	0.00						3	30	--	SPD	26
27	SPACE	--	--	1				--	0.00								28
29	SPACE	--	--	1						--	0.00						30
					Total Load:	2.08		1.22		1.04		kVA					
					Total Amps:	17.6 A		10.4 A		8.7 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	540 VA	100.00%	540 VA		
(L) LIGHTING	2000 VA	125.00%	2500 VA	**Total Conn. Load:**	4340 VA
(P) NON-CONTINUOUS POWER	1800 VA	100.00%	1800 VA	**Total Feeder Load:**	4840 VA
				Total Connected Current:	12.0 A
				Total Feeder Current:	13.4 A

PANELBOARD NOTES (#)

1. TERMINATE GROUND ON ISOLATED GROUND BUS.
2. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-OFF FOR MAINTENANCE).
3. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-ON FOR CRITICAL LOAD).
4. GFI BREAKER FOR PERSONNEL PROTECTION (5mA).
5. GFI BREAKER FOR EQUIPMENT PROTECTION (30mA).
6. CONDUCTOR SIZE SHOWN IN PANEL SCHEDULE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUND PROPORTIONALLY PER NEC. REFERENCE GROUND WIRE SIZING CHART.
7. REFER TO FAULT CURRENT SCHEDULE FOR AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS.
8. REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES.
9. FACTORY WIRED TO LOAD.
10. THRU CONTROLLER. REFER TO LIGHTING CONTROLLER DETAIL.
11. ADD NEW CIRCUIT BREAKER TO EXISTING PANEL. NEW CIRCUIT BREAKER SHALL MATCH AIC RATING, MANUFACTURER, AND TYPE OF EXISTING CIRCUIT BREAKERS.
12. MATCH AIC RATING OF SERVICING DEVICE.

EQUIPMENT GROUNDING CONDUCTOR SIZING CHART

BRKR AMPS		WIRE SIZE				
15-20	PHASE GROUND	12 12	10 10	8 8	6 6	4 4
25-30	PHASE GROUND	10 10	8 8	6 6	4 4	3 3
35-50	PHASE GROUND	8 10	6 8	4 4	3 4	2 4
60	PHASE GROUND	6 10	4 6	3 6	2 4	1 4
70	PHASE GROUND	6 8	4 4	3 4	2 3	1 2
80-90	PHASE GROUND	4 8	3 6	2 4	1 4	1/0 3
100	PHASE GROUND	3 8	2 6	1 4	1/0 4	2/0 3
PER NEC 250.122(B)						

LOAD CLASSIFICATION IDENTIFICATION

C - CONTINUOUS
H - HVAC
K - KITCHEN
L - LIGHTING
M - MOTOR
P - NON-CONTINUOUS GENERAL POWER
R - RECEPTACLE

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Key
Plan

No.	Description	Date
1	ADDENDUM 01	12/18/25
2	ADDENDUM 02	01/15/25
3	P.R. #01	07/02/26
4	PLAN REVIEW COMMENTS	07/22/26
5	P.R. #03	08/28/26

PROJECT NO: 230303R
ISSUE DATE: 11/26/25
CONTACT: W.BURGESS
CHECKED BY:

P.R. #03

STATE OF ARKANSAS
No. 9700
MICHAEL LEE WRIGHT

PANEL SCHEDULES 9/2/26

E-602

9/2/2026 3:09:02 PM
Autodesk Docs://23302901 - HOG2/230303R - R26 - HOG Pinnacle.rvt

PANELBOARD: HLRS

Location: ELEC 180 △6
Supply From: ATS-LRS
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 480Y/277
Phases: 3
Wires: 4
Notes:

A.I.C. Rating: Fully (7)
Mains Type: MLO
Mains Rating: 225 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	ELEVATOR 1 (8)	P	60	3		5.93	2.11					#12	3	15	H	SF-1	2
3								5.93	2.11								4
5										5.93	2.11						6
7	ELEV 1 SHUNT TRIP	--	--	1		--	0.94					#12	3	15	H	SF-2	8
9	ELEVATOR 2 (8)	P	60	3				5.93	0.94								10
11										5.93	0.94						12
13						5.93	3.88					#10	3	30	H	SF-3	14
15	ELEV 2 SHUNT TRIP	--	--	1				--	3.88								16
17	ELEVATOR 3 (8)	P	60	3						5.93	3.88						18
19						5.93	3.05					#12	3	20	H	SF-4	20
21								5.93	3.05								22
23	ELEV 3 SHUNT TRIP	--	--	1						--	3.05						24
25	ELEVATOR 4 (8)	P	45	3		5.32	0.00						1	20	--	SPARE	26
27								5.32	0.00				1	20	--	SPARE	28
29										5.32	0.00		1	20	--	SPARE	30
31	ELEV 4 SHUNT TRIP	--	--	1		--	--						1	--	--	SPACE	32
33	LTG - FIRE COMMAND RMS	L	20	1				0.06	--				1	--	--	SPACE	34
35	SPARE	--	20	1						0.00	--		1	--	--	SPACE	36
37	TLRS	R; P	40	3	(8)	1.08	0.00						3	30	--	SPD	38
39								0.72	0.00								40
41										0.72	0.00						42
					Total Load:	34.17		33.87		33.81		kVA					
					Total Amps:	123.4 A		122.3 A		122.1 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	2340 VA	100.00%	2340 VA		
(L) LIGHTING	60 VA	125.00%	75 VA	**Total Conn. Load:**	101847 VA
(P) NON-CONTINUOUS POWER	69517 VA	100.00%	69517 VA	**Total Feeder Load:**	101862 VA
(H) HVAC	29930 VA	100.00%	29930 VA	**Total Connected Current:**	122.5 A
				Total Feeder Current:	122.5 A

PANELBOARD: LLRS

Location: ELEC 180
Supply From: TLRS
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4
Notes:

A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 60 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A		B		C		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	RCPT - FIRE COMMAND CENTER	R	20	1		0.36	0.36						1	20	R	RCPT - FIRE COMMAND CENTER	2
3	RCPT - FIRE COMMAND CENTER	R	20	1				0.18	0.36				1	20	R	RCPT - FIRE COMMAND CENTER	4
5	RCPT - FIRE COMMAND CENTER	R	20	1						0.36	0.36		1	20	R	RCPT - FIRE PUMP 184	6
7	RCPT - FIRE COMMAND CENTER	R	20	1		0.36	0.00						1	20	--	SPARE	8
9	ELEVATOR ANNUNCIATOR (3)	P	20	1				0.18	0.00				1	20	--	SPARE	10
11	SPARE	--	20	1						0.00	0.00		1	20	--	SPARE	12
13	SPARE	--	20	1		0.00	0.00						1	20	--	SPARE	14
15	SPACE	--	--	1				--	--				1	--	--	SPACE	16
17	SPACE	--	--	1						--	--		1	--	--	SPACE	18
19	SPACE	--	--	1		--	--						1	--	--	SPACE	20
21	SPACE	--	--	1				--	--				1	--	--	SPACE	22
23	SPACE	--	--	1						--	--		1	--	--	SPACE	24
25	SPACE	--	--	1		--	0.00						3	30	--	SPD	26
27	SPACE	--	--	1				--	0.00								28
29	SPACE	--	--	1						--	0.00						30
					Total Load:	1.08		0.72		0.72		kVA					
					Total Amps:	9.0 A		6.0 A		6.0 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	2340 VA	100.00%	2340 VA		
(P) NON-CONTINUOUS POWER	180 VA	100.00%	180 VA	**Total Conn. Load:**	2520 VA
				Total Feeder Load:	2520 VA
				Total Connected Current:	7.0 A
				Total Feeder Current:	7.0 A

PANELBOARD: H1OS

Location: ELEC 180 △6
Supply From: ATS-OS
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 480Y/277
Phases: 3
Wires: 4
Notes:

A.I.C. Rating: Fully (7)
Mains Type: MLO
Mains Rating: 1200 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A		B		C		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	AHU-1	H	25	3	#10	5.13	17.73						3	80	P	MP1 (8)	2
3								5.13	17.73								4
5										5.13	17.73						6
7	AHU-1 HUMIDIFIER	H	30	3	#10	4.50	17.67						3	100	P	MP2 (8)	8
9								4.50	17.67								10
11										4.50	17.67						12
13	LU-1	H	45	1	#6	7.00	17.67						3	100	P	MP3 (8)	14
15	LU-2 (6)	H	30	1	#8			7.00	17.67								16
17	LU-3	H	15	1						0.64	17.67						18
19	LU-4	H	20	3		4.38	47.60						3	225	P	MRI (8)	20
21								4.38	47.60								22
23										4.38	47.60						24
25	CU-4	H	20	3		3.33	18.30					#2	3	100	H	X-RAY	26
27								3.33	18.30								28
29										3.33	18.30						30
31	LU-5	H	15	3		0.89	14.89						3	100	R; P; H	T1OS (8)	32
33								0.89	14.66								34
35										0.89	14.60						36
37	CU-5	H	20	3		3.33	30.23						3	225	R; P; H	H4OS (8)	38
39								3.33	29.59								40
41										3.33	30.57						42
43	LU-6	H	15	1		0.64	0.00						1	20	--	SPARE	44
45	SPARE	--	20	1				0.00	0.00				1	20	--	SPARE	46
47	SPARE	--	20	1						0.00	0.00		1	20	--	SPARE	48
49	SPACE	--	--	1		--	--						1	--	--	SPACE	50
51	SPACE	--	--	1				--	--				1	--	--	SPACE	52
53	SPACE	--	--	1						--	--		1	--	--	SPACE	54
55	SPACE	--	--	1		--	--						1	--	--	SPACE	56
57	SPACE	--	--	1				--	--				1	--	--	SPACE	58
59	SPACE	--	--	1						--	--		1	--	--	SPACE	60
61	SPACE	--	--	1		--	--						1	--	--	SPACE	62
63	SPACE	--	--	1				--	--				1	--	--	SPACE	64
65	SPACE	--	--	1						--	--		1	--	--	SPACE	66
67	SPACE	--	--	1		--	--						1	--	--	SPACE	68
69	SPACE	--	--	1				--	--				1	--	--	SPACE	70
71	SPACE	--	--	1						--	--		1	--	--	SPACE	72
73	SPACE	--	--	1		--	--						1	--	--	SPACE	74
75	SPACE	--	--	1				--	--				1	--	--	SPACE	76
77	SPACE	--	--	1						--	--		1	--	--	SPACE	78
79	SPACE	--	--	1		--	--						1	--	--	SPACE	80
81	SPACE	--	--	1				--	--				1	--	--	SPACE	82
83	SPACE	--	--	1						--	--		1	--	--	SPACE	84
					Total Load:	193.27		191.76		186.32		kVA					
					Total Amps:	700.7 A		695.3 A		672.6 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	1050 VA	100.00%	1050 VA		
(P) NON-CONTINUOUS POWER	326294 VA	100.00%	326294 VA	**Total Conn. Load:**	571355 VA
(H) HVAC	244011 VA	100.00%	244011 VA	**Total Feeder Load:**	571355 VA
				Total Connected Current:	687.2 A
				Total Feeder Current:	687.2 A

PANELBOARD: L1OS

Location: ELEC 180 △6
Supply From: T1OS
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4
Notes:

A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 225 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A		B		C		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	CU-1	H	30	2	#10	2.20	0.80						1	20	P	RCPT - LAB 120 REF.	2
3								2.20	0.80				1	20	P	RCPT - LAB 120 REF.	4
5	CU-2	H	25	2	#10					2.20	0.80		1	20	P	RCPT - LAB 120 REF.	6
7						2.20	0.36						1	20	P	RCPT - DATA 111	8
9	CU-3	H	30	2	#10			2.50	0.36				1	20	P	RCPT - DATA 111	10
11										2.50	0.18		1	20	R	HOT LAB FRIDGE (4)	12
13	CU-6	H	30	2	#10	1.90	1.20						1	15	P	RCPT - NEG STORAGE REF	14
15								1.90	1.20				1	15	P	RCPT - NEG STORAGE REF	16
17	EF-4	H	25	1	#10					1.50	1.20		1	15	P	RCPT - NEG STORAGE REF	18
19	FFU-1	H	15	1		0.38	1.20						1	15	P	RCPT - NEG STORAGE REF	20
21	FFU-2	H	15	1				0.38	0.36				1	20	P	RCPT - DATA 146	22
23	FFU-3	H	15	1						0.38	0.36		1	20	P	RCPT - DATA 146	24
25	FFU-5	H	20	1		0.38	0.36						1	20	P	RCPT - ELEC 144 IT BOARD (3)	26
27	FFU-6	H	15	1				0.38	0.36				1	20	P	RCPT - ELEC 144 IT BOARD (3)	28
29	FFU-7	H	15	1						0.78	0.36		1	20	P	RCPT - ELEC 144 IT BOARD (3)	30
31	CP-3	P	15	2		0.19	0.36						1	20	P	RCPT - DATA 221	32
33								0.19	0.36				1	20	P	RCPT - DATA 221	34
35	SPARE	--	20	1						0.00	1.20		1	20	P	RCPT - DATA 274 RACK	36
37	SPARE	--	20	1		0.00	1.20						1	20	P	RCPT - DATA 274 RACK	38
39	SPARE	--	20	1				0.00	0.36				1	20	P	RCPT - DATA 365	40
41	SPARE	--	20	1						0.00	0.36		1	20	P	RCPT - DATA 365	42
43	SPACE	--	--	1		--	--						1	--	--	SPACE	44
45	SPACE	--	--	1				--	--				1	--	--	SPACE	46
47	SPACE	--	--	1						--	--		1	--	--	SPACE	48
49	SPACE	--	--	1		--	--						1	--	--	SPACE	50
51	SPACE	--	--	1				--	--				1	--	--	SPACE	52
53	SPACE	--	--	1						--	--		1	--	--	SPACE	54
55	SPACE	--	--	1		--	--						1	--	--	SPACE	56
57	SPACE	--	--	1				--	--				1	--	--	SPACE	58
59	SPACE	--	--	1						--	--		1	--	--	SPACE	60
61	SPACE	--	--	1		--	--						1	--	--	SPACE	62
63	SPACE	--	--	1				--	--				1	--	--	SPACE	64
65	SPACE	--	--	1						--	--		1	--	--	SPACE	66
67	SPACE	--	--	1		--	--						1	--	--	SPACE	68
69	SPACE	--	--	1				--	--				1	--	--	SPACE	70
71	SPACE	--	--	1						--	--		1	--	--	SPACE	72
73	SPACE	--	--	1		--	--						1	--	--	SPACE	74
75	SPACE	--	--	1				--	--				1	--	--	SPACE	76
77	SPACE	--	--	1						--	--		1	--	--	SPACE	78
79	UPS1 (8)	R; P; H	30	3		2.15	--						1	--	--	SPACE	80
81								3.31	--				1	--	--	SPACE	82
83										2.78	--		1	--	--	SPACE	84
					Total Load:	14.89		14.66		14.60		kVA					
					Total Amps:	124.1 A		122.2 A		121.7 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	330 VA	100.00%	330 VA		
(P) NON-CONTINUOUS POWER	15970 VA	100.00%	15970 VA	**Total Conn. Load:**	44150 VA
(H) HVAC	27850 VA	100.00%	27850 VA	**Total Feeder Load:**	44150 VA
				Total Connected Current:	122.5 A
				Total Feeder Current:	122.5 A

PANELBOARD: L1U

Location: STORAGE 153
Supply From: UPS1
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120
Phases: 3
Wires: 4
Notes:

A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 30 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A		B		C		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	PWR - BAS ELEC 178	P	20	1		0.50	0.10						1	20	P	PWR - AHU-1 BAS CTRL (3)	2
3	EF-4 BAS CTRLS (3)	P	20	1				0.10	0.20				1	20	P	NS 132 BAS MONITORS (3)	4
5	EV 1-1, 1-2, 1-3, 2-5, 3-1	H	15	1						0.48	0.10		1	20	P	LAB 120 REF TEMP MONITOR (3)	6
7	EV 2-1, 2-2, 2-3, 2-4	H	15	1		0.69	0.67						1	15	H	VAV-1-1-24	8
9	SV AND DH 1-1, 2-1, 2-2, 3-1 (2)	R; H	15	1				0.94	1.33				1	20	H	VAV-1-1-25 & VAV-1-1-37	10
11	PWR - PHOENIX MASTER CTRL (3)	P	20	1						0.10	0.67		1	15	H	VAV-1-1-13B	12
13	MED 352 REF TEMP MONITOR (3)	P	20	1		0.10	--						1	--	--	SPACE	14
15	EV-5-1 & THERMOSTAT (3)	P; H	15	1				0.20	--				1	--	--	SPACE	16
17	BACNET NETWORK ROUTER (3)	P	20	1						0.10	--		1	--	--	SPACE	18
19	BACNET NETWORK ROUTER (3)	P	20	1		0.10	--						1	--	--	SPACE	20
21	ROOM PRESSURE MONITORS (3)	P	20	1				0.54	--				1	--	--	SPACE	22
23	VAV-1-1-35 & VAV-1-1-36	H	20	1						1.33	--		1	--	--	SPACE	24
					Total Load:	2.15		3.31		2.78		kVA					
					Total Amps:	17.9 A		28.4 A		23.9 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	150 VA	100.00%	150 VA		
(P) NON-CONTINUOUS POWER	2040 VA	100.00%	2040 VA	**Total Conn. Load:**	8236 VA
(H) HVAC	6046 VA	100.00%	6046 VA	**Total Feeder Load:**	8236 VA
				Total Connected Current:	22.9 A
				Total Feeder Current:	22.9 A

PANELBOARD NOTES (#)

1. TERMINATE GROUND ON ISOLATED GROUND BUS.
2. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-OFF FOR MAINTENANCE).
3. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-ON FOR CRITICAL LOAD).
4. GFI BREAKER FOR PERSONNEL PROTECTION (5mA).
5. GFI BREAKER FOR EQUIPMENT PROTECTION (30mA).
6. CONDUCTOR SIZE SHOWN IN PANEL SCHEDULE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUND PROPORTIONALLY PER NEC. REFERENCE GROUND WIRE SIZING CHART.
7. REFER TO FAULT CURRENT SCHEDULE FOR AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS.
8. REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES.
9. FACTORY WIRED TO LOAD.
10. THRU CONTROLLER. REFER TO LIGHTING CONTROLLER DETAIL.
11. ADD NEW CIRCUIT BREAKER TO EXISTING PANEL. NEW CIRCUIT BREAKER SHALL MATCH AIC RATING, MANUFACTURER, AND TYPE OF EXISTING CIRCUIT BREAKERS.
12. MATCH AIC RATING OF SERVICING DEVICE.

EQUIPMENT GROUNDING CONDUCTOR SIZING CHART

BRKR AMPS		WIRE SIZE				
15-20	PHASE GROUND	12 12	10 10	8 8	6 6	4 4
25-30	PHASE GROUND	10 10	8 8	6 6	4 4	3 3
35-50	PHASE GROUND	8 10	6 8	4 4	3 4	2 4
60	PHASE GROUND	6 10	4 6	3 6	2 4	1 4
70	PHASE GROUND	6 8	4 4	3 4	2 3	1 2
80-90	PHASE GROUND	4 8	3 6	2 4	1 4	1/0 3
100	PHASE GROUND	3 8	2 6	1 4	1/0 4	2/0 3

PER NEC 250.122(B)

LOAD CLASSIFICATION IDENTIFICATION

C - CONTINUOUS
H - HVAC
K - KITCHEN
L - LIGHTING
M - MOTOR
P - NON-CONTINUOUS GENERAL POWER
R - RECEPTACLE

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Key Plan

No.	Description	Date
1	ADDENDUM 01	12/18/25
2	ADDENDUM 02	01/15/25
3	ADDENDUM 03	02/04/26
4	P.R. #01	07/02/26
5	PLAN REVIEW COMMENTS	07/22/26
6	P.R. #03	08/28/26

PROJECT NO: 230303R
ISSUE DATE: 11/26/25
CONTACT: W.BURGESS
CHECKED BY:

P.R. #03

MICHAEL LEE WRIGHT
No. 9700

PANEL SCHEDULES
9/2/26

E-603

PANELBOARD: H1A

Location: ELEC 179
Supply From: MSB
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 480Y/277
Phases: 3
Wires: 4
Notes:
A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 400 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A		B		C		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	SPARE	--	25	1	#10	0.00	2.39					#8	1	20	L	SITE LIGHTING (6,10)	2
3	VAV 1-1-38, 1-1-28	H	15	1				1.33	3.06			#6	1	20	L	SITE LIGHTING (6,10)	4
5	VAV 1-1-20, 1-1-21, 1-1-24	H	15	1						1.33	2.53	#8	1	20	L	SITE LIGHTING (6,10)	6
7	VAV 1-1-34, 1-1-35, 1-1-36	H	15	1		0.67	3.00						3	20	H	EWH-2	8
9	VAV 1-1-23, 1-1-26	H	15	1				1.33	3.00								10
11	SPARE	--	20	1						0.00	0.00						12
13	VAV 1-1-13A, 1-1-13B, 1-1-14	H	15	1		1.33	1.39						3	15	H	JOCKEY PUMP (3)	14
15	EWH-3	H	20	3				2.00	1.39								16
17										2.00	1.39						18
19						2.00	0.12						1	20	L	LTG - ELEVATOR D SHAFT	20
21	SPARE	--	20	1				0.00	0.58				1	20	L	E STAIRWELL LIGHTS	22
23	SITE LIGHTING (6,10)	L	20	1	#8					2.74	0.58		1	20	L	N STAIRWELL LIGHTS	24
25	VAV-1-1-31, 1-1-32	H	15	1		4.00	0.00						1	20	H	EH-3	26
27	BP-1 CTRLS & MOTORS	P	40	3	#8			7.84	2.85			#6	1	20	L	SITE LIGHTING (6,10)	28
29										7.84	0.00		1	20	--	SPARE	30
31						7.84	0.00						1	20	--	SPARE	32
33	SPARE	--	30	3				0.00	0.00				1	20	--	SPARE	34
35										0.00	0.00		1	20	--	SPARE	36
37						0.00	17.47						3	100	R; P; H	T1A (8)	38
39	SITE LIGHTING (6,10)	L	20	1	#8			2.53	15.57								40
41	SPARE	--	20	1						0.00	19.49						42
43	SPARE	--	20	1		0.00	--						1	--	--	SPACE	44
45	SPARE	--	20	1				0.00	--				1	--	--	SPACE	46
47	SPARE	--	20	1						0.00	--		1	--	--	SPACE	48
49	SPARE	--	20	1		0.00	--						1	--	--	SPACE	50
51	SPARE	--	20	1				0.00	--				1	--	--	SPACE	52
53	SPACE	--	--	1						--	--		1	--	--	SPACE	54
55	SPACE	--	--	1		--	--						1	--	--	SPACE	56
57	SPACE	--	--	1				--	--				1	--	--	SPACE	58
59	SPACE	--	--	1						--	--		1	--	--	SPACE	60
					Total Load:	40.20		41.47		37.89		kVA					
					Total Amps:	146.4 A		151.0 A		136.8 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	33240 VA	65.04%	21620 VA		
(L) LIGHTING	17379 VA	125.00%	21723 VA	Total Conn. Load:	119554 VA
(P) NON-CONTINUOUS POWER	35235 VA	100.00%	35235 VA	Total Feeder Load:	112279 VA
(H) HVAC	33700 VA	100.00%	33700 VA	Total Connected Current:	143.8 A
				Total Feeder Current:	135.1 A

PANELBOARD: L1A

Location: ELEC 179
Supply From: T1A
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 208Y/120
Phases: 3
Wires: 4
Notes:
A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 225 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A		B		C		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	RCPT - MECH YARD CONV.	R	20	1		0.18	0.72						1	20	R	RCPT - PHARMACY 131	2
3	LVL 1 AREA D MOTOR SHADES (2)	P	20	1				0.54	0.54				1	20	R	RCPT - NEG STORAGE 132	4
5	GENERATOR RECEPT	R	20	1						0.36	1.08		1	20	R	RCPT - PHARMACY MGR 133	6
7	LVL 1 SHADE SERVER EQ	P	20	1		0.18	0.72						1	20	R	RCPT - MIXING 2 140	8
9	MS-6A	H	15	2				0.10	0.90				1	20	R	RCPT - CORRIDOR C1G 141	10
11										0.10	0.90		1	20	R	RCPT - RECEIVING 142	12
13	MS-2A	H	15	2		0.10	1.08						1	20	R	RCPT - CORR. C1E 172 / C1F 149	14
15								0.10	0.18				1	20	R	RCPT - ELEVATOR	16
17	RCPT - ELEC 179	R	20	1						0.36	0.18		1	20	R	RCPT - ELEVATOR SERVICE	18
19	RCPT - INCUBATION #2 182	R	20	1		0.54	0.00						1	20	--	DEDICATED SHUNT TRIP	20
21	RCPT - CENTRAL STORAGE 143	R	20	1				0.72	0.54				1	20	R	RCPT - INCUBATION #5 164	22
23	RCPT - ELEC 144	R	20	1						0.72	0.90		1	20	R	RCPT - ULTRASOUND 133	24
25	MS-6B	H	15	2		0.10	0.00						1	20	--	SPARE	26
27								0.10	0.54				1	20	R	RCPT - MIXING 1 139	28
29	RCPT - PHARM STOR. / TLTS	R	20	1						0.90	0.50		1	15	P	PWR - MIXING 2 HOOD #1 (2)	30
31	RCPT - CORR. C1A 122 / C1B 161	R	20	1		0.90	0.50						1	15	P	PWR - MIXING 2 HOOD #2 (2)	32
33	RCPT - INCUBATION #6 166	R	20	1				0.54	0.72				1	20	R	RCPT - TLT 122A, 160, 162, 168	34
35	RCPT - INCUBATION #4 165	R	20	1						0.54	0.18		1	20	R	RCPT - AC HOT LAB	36
37	RCPT - TLT / STOR. / CORR C1D	R	20	1		0.90	0.54						1	20	R	RCPT - HOT LAB 167	38
39	RCPT - X-RAY / FLOURO 159	R	20	1				1.08	0.18				1	20	R	RCPT - RISER 174	40
41	RCPT - BLANKET WARMER	P	20	1						1.60	0.00		1	20	--	SPARE	42
43	RCPT - IMAGING WAITING 129	R	20	1		0.72	0.10						2	15	H	MS-4A	44
45	RCPT - IMAGING WAITING 129	R	20	1				0.72	0.10								46
47	RCPT - IMAG. WAIT. UC REF.	R	20	1						0.60	0.72		1	20	R	RCPT - PHARMACY 131	48
49	RCPT - IMAG. WAIT. UC REF.	R	20	1		0.60	0.00						1	20	--	SPARE	50
51	RCPT - PHARMACY 131	R	20	1				0.72	0.54				1	20	R	RCPT - CT SCAN 155	52
53	RCPT - PHARMACY 131	R	20	1						1.08	1.18		1	20	P	CT INJECTOR	54
55	SPARE	--	20	1		0.00	0.36						1	20	R	RCPT - MRI 165	56
57	SPARE	--	20	1				0.00	0.36				1	20	P	MRI INJECTOR	58
59	SPARE	--	20	1						0.00	0.36		1	20	P	CT EPO PUSH BUTTON	60
61	RCPT - DRESS./LINEN/STOR./TLT	R	20	1		1.08	0.18						1	20	P	CT WARNING LIGHT	62
63	RCPT - CORRIDOR C1F 149 IV	R	20	1				0.72	0.72				1	20	R	RCPT - PET SCAN 141	64
65	RCPT - STERILIZER	R	20	1						0.18	0.36		1	20	P	PET SCAN INJECTOR	66
67	RCPT - INCUBATION #3 183	R	20	1		0.54	0.18						1	20	P	PET SCAN WARNING LIGHT	68
69	RCPT - INCUBATION #1 181	R	20	1				0.54	0.00				1	20	--	SPARE	70
71	SPARE	--	20	1						0.00	0.50		1	15	P	PWR - MIXING 2 HOOD #3 (2)	72
73	EH-1	H	20	1		1.50	1.08						1	20	R	RCPT - CNTRL RM STATIONS	74
75	RCPT - PHARMACY 131	R	20	1				0.72	0.18				1	20	R	RCPT - CNTRL RM STATIONS	76
77	SPARE	--	20	1						0.00	0.72		1	20	R	RCPT - CNTRL RM STATIONS	78
79	SPARE	--	20	1		0.00	0.36						1	20	R	RCPT - CNTRL RM STATIONS	80
81	RCPT - PHARMACY 131	R	20	1				0.54	1.08				1	20	R	RCPT - CNTRL RM STATIONS	82
83	SPARE	--	20	1						0.00	--		1	--	--	SPACE	84
85	PWR - MIXING 1 HOOD #2 (2)	P	20	1		0.50	--						1	--	--	SPACE	86
87	PWR - MIXING 1 HOOD #1 (2)	P	20	1				0.50	--				1	--	--	SPACE	88
89	RCPT - BREAK 136	R	20	1						0.72	--		1	--	--	SPACE	90
91	RCPT - BREAK 136 AC	R	20	1		0.36	--						1	--	--	SPACE	92
93	RCPT - BREAK 136 DISPOSAL (4)	P	20	1				0.48	--				1	--	--	SPACE	94
95	RCPT - BREAK 136 MICROWAVE	P	20	1						1.35	--		1	--	--	SPACE	96
97	DUMBWAITER PHARMACY 131	P	15	3		0.82	--						1	--	--	SPACE	98
99								0.82	--				1	--	--	SPACE	100
101										0.82	--		1	--	--	SPACE	102
103	MS-4B	H	15	2		0.05	--						1	--	--	SPACE	104
105								0.05	--				1	--	--	SPACE	106
107	CU-9 / AC-01	H	25	2	#10					2.58	--		1	--	--	SPACE	108
109						2.58	--						1	--	--	SPACE	110
111	SPACE	--	--	1				--	--				1	--	--	SPACE	112
113	SPACE	--	--	1						--	--		1	--	--	SPACE	114
115	SPACE	--	--	1		--	--						1	--	--	SPACE	116
117	SPACE	--	--	1				--	--				1	--	--	SPACE	118
119	SPACE	--	--	1						--	--		1	--	--	SPACE	120
121	SPACE	--	--	1		--	--						1	--	--	SPACE	122
123	SPACE	--	--	1				--	--				1	--	--	SPACE	124
125	SPACE	--	--	1						--	--		1	--	--	SPACE	126
					Total Load:	17.47		15.57		19.49		kVA					
					Total Amps:	148.0 A		129.7 A		164.8 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	33240 VA	65.04%	21620 VA		
(P) NON-CONTINUOUS POWER	11718 VA	100.00%	11718 VA	Total Conn. Load:	52516 VA
(H) HVAC	7558 VA	100.00%	7558 VA	Total Feeder Load:	40896 VA
				Total Connected Current:	145.8 A
				Total Feeder Current:	113.5 A

PANELBOARD: H1B

Location: JAN/ELEC 106A
Supply From: MSB
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 480Y/277
Phases: 3
Wires: 4
Notes:
A.I.C. Rating: Fully (7)
Mains Type: MLO
Mains Rating: 225 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A (kVA)		B (kVA)		C (kVA)		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	T1B	R; L; P; H	150	3	(8)	26.90	0.78						1	20	L	EXTERIOR LIGHTS (10)	2
3								22.38	0.39				1	20	L	ELEVATOR LOBBY LIGHTS (10)	4
5										23.87	2.41		1	20	L	AREA A LIGHTS (10)	6
7	VAV 1-1-1A, 1-1-1B	H	15	1		1.82	1.54						1	20	L	AREA A LIGHTS (10)	8
9	VAV 1-1-4, 1-1-5, 1-1-6	H	15	1				2.00	0.40				1	20	L	AREA A LIGHTS (10)	10
11	VAV 1-1-9, 1-1-11	H	15	1						1.33	1.14		1	20	L	AREA B LIGHTS (10)	12
13	VAV 1-1-8, 1-1-12, 1-1-17	H	15	1		2.00	1.10						1	20	L	AREA B LIGHTS (10)	14
15	VAV 1-1-10, 1-1-18, 1-1-19	H	15	1				2.00	0.69				1	20	L	AREA B LIGHTS (10)	16
17	VAV-1-1-2, VAV-1-1-16, VAV-1-1-22	H	15	1						2.00	2.50		1	20	L	AREA C LIGHTS (10)	18
19	VAV-1-1-3	H	15	1		2.00	1.57						1	20	L	AREA D LIGHTS (10)	20
21	VAV-1-1-7	H	20	1				0.97	1.36				1	20	L	AREA C LIGHTS (10)	22
23	SPARE	--	20	1						0.00	0.30		1	20	L	LTG - ELEVATORS A, B, C	24
25	SPARE	--	20	1		0.00	--						1	--	--	SPACE	26
27	SPARE	--	20	1				0.00	--				1	--	--	SPACE	28
29	SPARE	--	20	1						0.00	--		1	--	--	SPACE	30
31	SPACE	--	--	1		--	--						1	--	--	SPACE	32
33	SPACE	--	--	1				--	--				1	--	--	SPACE	34
35	SPACE	--	--	1						--	--		1	--	--	SPACE	36
37	SPACE	--	--	1		--	--						1	--	--	SPACE	38
39	SPACE	--	--	1				--	--				1	--	--	SPACE	40
41	SPACE	--	--	1						--	--		1	--	--	SPACE	42
					Total Load:	37.71		30.18		33.54		kVA					
					Total Amps:	138.0 A		108.9 A		123.0 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	29340 VA	67.04%	19670 VA		
(L) LIGHTING	16107 VA	125.00%	20133 VA	Total Conn. Load:	101426 VA
(P) NON-CONTINUOUS POWER	35241 VA	100.00%	35241 VA	Total Feeder Load:	95783 VA
(H) HVAC	20738 VA	100.00%	20738 VA	Total Connected Current:	122.0 A
				Total Feeder Current:	115.2 A

PANELBOARD: L1B

Location: JAN/ELEC 106A
Supply From: T1B
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 208Y/120
Phases: 3
Wires: 4
Notes:
A.I.C. Rating: Fully (7)
Mains Type: MCB
Mains Rating: 300 A

CKT	Circuit Description	Load Class	Trip	Poles	Wire	A		B		C		Wire	Poles	Trip	Load Class	Circuit Description	CKT
1	MS-3A	H	15	2		0.02	0.72						1	20	R	RCPT - COMMUNITY RM 114 TV'S	2
3								0.02	0.18				1	20	R	RCPT - ELEVATOR SUMP PUMP 1	4
5	RCPT - SUPPLY 107	R	20	1						0.54	0.18		1	20	R	RCPT - ELEVATOR SERVICE	6
7	PWR - LATTE DA REF. CASE (2)	R	30	1	#10	1.44	0.18						1	20	R	RCPT - ELEVATOR SUMP PUMP 2	8
9	RCPT - FORMS NURSE 113	R	20	1				0.72	0.18				1	20	R	RCPT - ELEVATOR SERVICE	10
11	RCPT - COMMUNITY RM 114	R	20	1						0.54	0.18		1	20	R	RCPT - ELEVATOR SUMP PUMP 3	12
13	RCPT - EAST LOBBY / VEST.	R	20	1		0.18	1.08						1	20	R	PWR - LATTE DA SEATING (2)	14
15	RCPT - LATTE DA 115 REF (4)	P	15	1				1.00	1.08				1	20	R	PWR - LATTE DA SEATING (2)	16
17	RCPT - IMAGING / RX WAITING	R	20	1						0.18	0.00		1	20	--	SPARE	18
19	RCPT - ELEVATOR SERVICE	R	20	1		0.18	1.00						1	20	P	RCPT - ALINITY WATER SYSTEM	20
21	RCPT - IMAGING SUP 154	R	20	1				1.08	0.18				1	20	P	EAST LOBBY FIREPLACE	22
23	RCPT - NORTH LOBBY 119	R	20	1						0.72	0.54		1	20	R	RCPT - LAB 120	24
25	GEF-1	H	15	1		0.52	1.26						1	20	R	RCPT - RECPTION 103	26
27	RCPT - MEN 105 / WOMEN 106	R	20	1				0.36	0.54				1	20	P	VESTIBULE 116 AUTO DOORS	28
29	RCPT - JAN/ELEC 106A	R	20	1						0.72	2.50	#8	2	35	H	EWH-1	30
31	RCPT - CORRIDOR 105	R	20	1		0.18	2.50										32
33	RCPT - EWC (4)	R	20	1				0.18	0.00				1	20	--	SPARE	34
35	RCPT - TABLE STOR. 114A / JAN....	R	20	1						0.90	0.00		1	20	--	SPARE	36
37	RCPT - NORTH LOBBY 119	R	20	1		0.90	0.26						2	15	H	MS-1A, MS-1D	38
39	RCPT - LATTE DA 115 ESPRESSO	P	20	2				1.60	0.26								40
41										1.60	0.54		1	20	R	RCPT - PET/CT	42
43	RCPT - LATTA DA 115 FRZ (4)	P	15	1		1.00	2.00					#10	2	30	P	RCPT - ALINITY ANALYZER	44
45	ELECTRONIC DOOR LOCK (2)	P	20	1				0.36	2.00								46
47	SPARE	--	20	1						0.00	0.72		1	20	R	RCPT - LAB 120	48
49	MAG LOCK (2)	P	20	1		0.36	0.30						1	20	P	RCPT - LAB 120 AC	50
51	MONUMENT SIGN (6,10)	L	20	1	#3			1.20	0.30				1	20	P	RCPT - LAB 120 AC	52
53	RCPT - LATTE DA 115 STEAMER	P	20	2						1.80	0.30		1	20	P	RCPT - LAB 120 AC	54
55						1.80	0.36						1	20	R	RCPT - LAB 120 SINKS	56
57	RCPT - LATTE DA UC REF (4)	P	15	1				0.80	0.54				1	20	R	RCPT - LAB 120	58
59	RCPT - LATTE DA UC REF (4)	P	20	1						0.80	0.36		1	20	R	RCPT - LAB 120	60
61	RCPT - LATTE DA 115 AC	R	20	1		0.36	0.80						1	20	P	RCPT - LAB 120 CBC	62
63	RCPT - LATTE DA 115 AC	R	20	1				0.18	0.54				1	20	R	RCPT - BREAK 121	64
65	PWR - KH-1 CTRL PANEL (3)	P	15	1						0.18	0.36		1	20	R	RCPT - BREAK 121 AC	66
67	RCPT - LATTE DA 115 TV	R	20	1		0.36	0.80						1	20	P	RCPT - BREAK 121 REF. (4)	68
69	RCPT - LATTE DA 115	R	20	1				0.36	0.54				1	20	R	RCPT - PHLEBOTOMY STOR. 123	70
71	RCPT - LATTE DA 115	R	20	1						0.36	0.72		1	20	R	RCPT - CORR. C1C 124/PAT. TLT 125	72
73	RCPT - LATTE DA 115 SINK	R	20	1		0.18	0.90						1	20	R	RCPT - PRIVATE BD 126	74
75	RCPT - LATTE DA 115 POS	R	20	1				0.18	0.90				1	20	R	RCPT - PRIVATE BD 127	76
77	RCPT - LATTE DA 115 FURN.	R	20	1						0.72	2.26	#10	3	25	P	PWR - GRIDDLE (SHUNT TRIP) (2)	78
79	SPARE	--	20	1		0.00	1.48										80
81	RCPT - TABLE STORAGE 114A	R	20	1				0.36	2.26								82
83	RCPT - TABLE STORAGE 114A	R	20	1						0.36	--		1	--	--	GRIDDLE SHUNT TRIP	84
85	RCPT - NP NAVIGATOR 112	R	20	1		0.72	2.26					#10	3	25	P	PWR - GRIDDLE (SHUNT TRIP) (2)	86
87	RCPT - SOUTH LOBBY 102 FB	R	20	1				0.18	1.48								88
89	RCPT - RECPTION 103	R	20	1						1.26	2.26						90
91	DUMBWAITER LAB 120	P	15	3		0.82	--						1	--	--	GRIDDLE SHUNT TRIP	92
93								0.82	0.18				1	15	P	PWR - KH-1 ANSUL AUTOMAN (2)	94
95										0.82	0.18		1	15	P	PWR - KH-1 GAS VALVE (2)	96
97	PWR - AUTO DOOR OPENERS (2)	P	20	1		0.18	0.18						1	15	P	HEAT TRACE (5) (2)	98
99	RCPT - BLOOD DRAW 128	R	20	1				0.90	0.10				2	15	H	MS-4D	100
101	RCPT - BLOOD DRAW 128	R	20	1						0.72	0.10						102
103	RCPT - BLOOD DRAW 128	R	20	1		0.72	0.19						2	15	H	MS-2D	104
105	RCPT - BLOOD DRAW 128 FB	R	20	1				0.54	0.19								106
107	PWR - EMAG LOCK (2)	P	20	1						0.36	0.00		1	20	--	SPARE	108
109	DECORATIVE LIGHTS	L	20	1		0.73	0.00						1	20	--	SPARE	110
111	CP-1	P	15	1				0.10	0.00				1	20	--	SPARE	112
113	CP-1	P	15	1						0.10	0.00		1	20	--	SPARE	114
115	SPACE	--	--	1		--	--						1	--	--	SPACE	116
117	SPACE	--	--	1				--	--				1	--	--	SPACE	118
119	SPACE	--	--	1						--	--		1	--	--	SPACE	120
121	SPACE	--	--	1		--	--						1	--	--	SPACE	122
123	SPACE	--	--	1				--	--				1	--	--	SPACE	124
125	SPACE	--	--	1						--	--		1	--	--	SPACE	126
					Total Load:	26.90		22.38		23.87		kVA					
					Total Amps:	226.1 A		186.5 A		200.9 A		Amps					

Load Classification	Connected Load	Demand Factor	Demanded Load	Panel Totals	
(R) RECEPTACLE	29340 VA	67.04%	19670 VA		
(L) LIGHTING	1926 VA	125.00%	2407 VA	Total Conn. Load:	73148 VA
(P) NON-CONTINUOUS POWER	35241 VA	100.00%	35241 VA	Total Feeder Load:	63959 VA
(H) HVAC	6641 VA	100.00%	6641 VA	Total Connected Current:	203.0 A
				Total Feeder Current:	177.5 A

PANELBOARD NOTES (#)

1. TERMINATE GROUND ON ISOLATED GROUND BUS.
2. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-OFF FOR MAINTENANCE).
3. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-ON FOR CRITICAL LOAD).
4. GFI BREAKER FOR PERSONNEL PROTECTION (5mA).
5. GFI BREAKER FOR EQUIPMENT PROTECTION (30mA).
6. CONDUCTOR SIZE SHOWN IN PANEL SCHEDULE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUND PROPORTIONALLY PER NEC. REFERENCE GROUND WIRE SIZING CHART.
7. REFER TO FAULT CURRENT SCHEDULE FOR AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS.
8. REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES.
9. FACTORY WIRED TO LOAD.
10. THRU CONTROLLER. REFER TO LIGHTING CONTROLLER DETAIL.
11. ADD NEW CIRCUIT BREAKER TO EXISTING PANEL. NEW CIRCUIT BREAKER SHALL MATCH AIC RATING, MANUFACTURER, AND TYPE OF EXISTING CIRCUIT BREAKERS.
12. MATCH AIC RATING OF SERVICING DEVICE.

EQUIPMENT GROUNDING CONDUCTOR SIZING CHART

BRKR AMPS		WIRE SIZE				
15-20	PHASE GROUND	12 12	10 10	8 8	6 6	4 4
25-30	PHASE GROUND	10 10	8 8	6 6	4 4	3 3
35-50	PHASE GROUND	8 10	6 8	4 4	3 4	2 4
60	PHASE GROUND	6 10	4 6	3 6	2 4	1 4
70	PHASE GROUND	6 8	4 4	3 4	2 3	1 2
80-90	PHASE GROUND	4 8	3 6	2 4	1 4	1/0 3
100	PHASE GROUND	3 8	2 6	1 4	1/0 4	2/0 3

PER NEC 250.122(B)

LOAD CLASSIFICATION IDENTIFICATION

C - CONTINUOUS
H - HVAC
K - KITCHEN
L - LIGHTING
M - MOTOR
P - NON-CONTINUOUS GENERAL POWER
R - RECEPTACLE

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Key

No.	Description	Date
1	ADDENDUM 01	12/18/25
2	ADDENDUM 03	02/04/26
3	P.R. #01	07/02/26
4	PLAN REVIEW COMMENTS	07/22/26
5	P.R. #03	08/28/26

PROJECT 230303R
ISSUE 11/26/25
CONTAC W.BURGESS
CHECKED

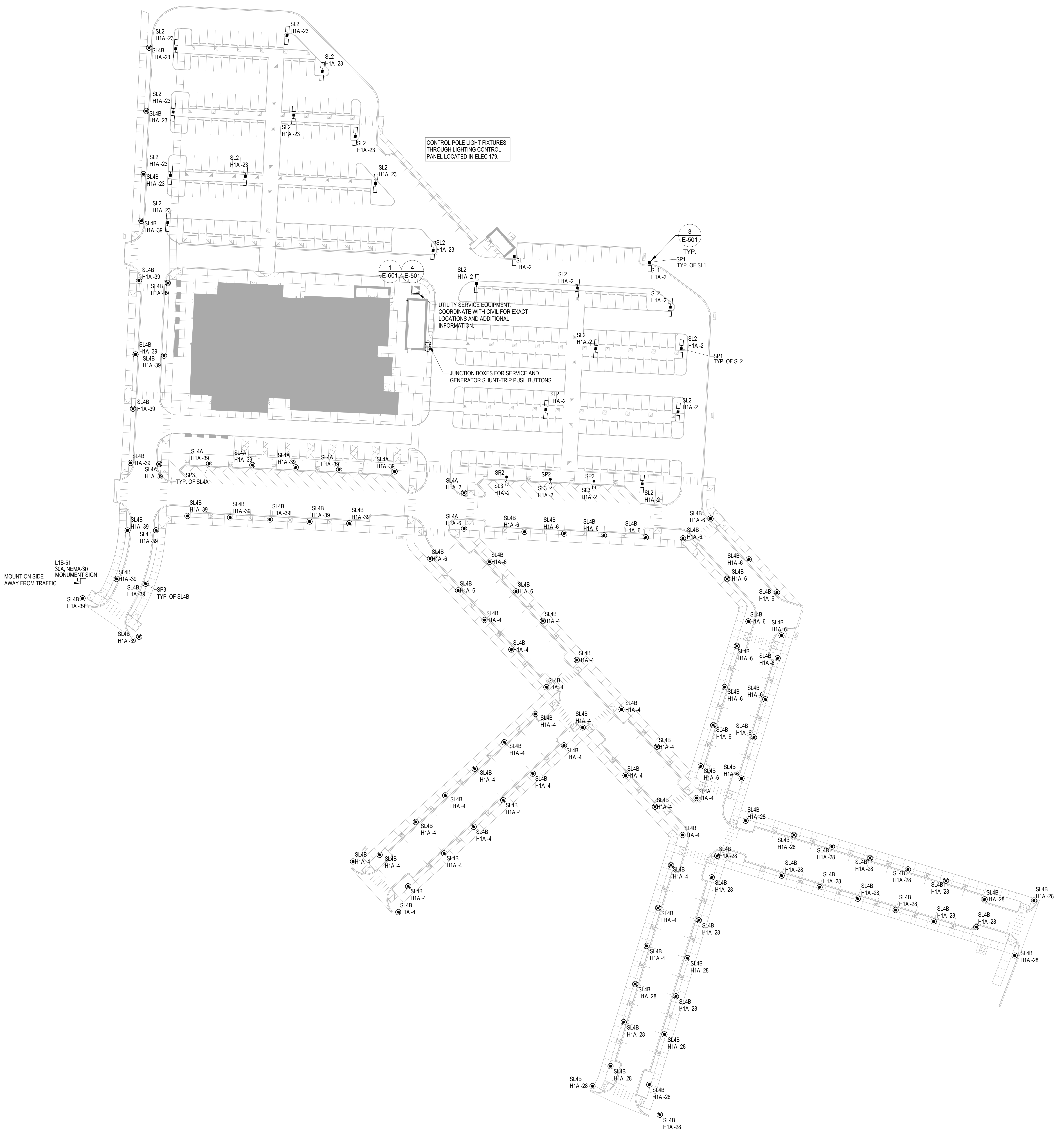
P.R. #03

MICHAEL LEE WRIGHT
No. 9700

PANEL SCHEDULES
9/2/26

E-604

9/2/2026 3:14:20 PM
Autodesk Docs://233302901 - HOG2/230303R - R26 - HOG Pinnacle.rvt


CONTROL POLE LIGHT FIXTURES THROUGH LIGHTING CONTROL PANEL LOCATED IN ELEC 179.
UTILITY SERVICE EQUIPMENT. COORDINATE WITH CIVIL FOR EXACT LOCATIONS AND ADDITIONAL INFORMATION.
JUNCTION BOXES FOR SERVICE AND GENERATOR SHUNT-TRIP PUSH BUTTONS
1 E-601
4 E-501
3 E-501 TYP.
SP1 TYP. OF SL1
SP1 TYP. OF SL2
SP2
SP3 TYP. OF SL4A
SP3 TYP. OF SL4B
L1B-51 30A, NEMA-3R MONUMENT SIGN
MOUNT ON SIDE AWAY FROM TRAFFIC
SL1 H1A -2
SL2 H1A -23
SL2 H1A -2
SL3 H1A -2
SL4A H1A -39
SL4A H1A -2
SL4A H1A -6
SL4A H1A -4
SL4B H1A -23
SL4B H1A -39
SL4B H1A -6
SL4B H1A -4
SL4B H1A -28
2

1 ES-100 ELECTRICAL SITE PLAN
1" = 50'-0"

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Key Plan

No.	Description	Date
1	ADDENDUM 02	01/15/25
2	P.R. #03	08/28/26

PROJECT NO: 230303R
ISSUE DATE: 11/26/25
CONTACT: W.BURGESS
CHECKED BY:

P.R. #03

MICHAEL LEE WRIGHT
No. 9700

ELECTRICAL SITE PLAN
9/2/26

ES-100