



Project  
CP210981 New Indoor  
Practice Facility

THE UNIVERSITY OF  
MISSOURI - COLUMBIA,  
FOR THE CURATORS OF  
THE UNIVERSITY OF  
MISSOURI

1200 S. Providence Rd. Columbia, MO  
65201



Heilmuth, Obata & Kassabaum, Inc.  
300 West 22nd Street  
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t 913.451.1818

Building Code / Fire Protection:  
FSC  
8675 W. 96th Street  
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Structural:  
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2323 Grand Blvd., Suite 903  
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n 816.221.7771

Mechanical / Electrical / Plumbing / AV / TELECOM /  
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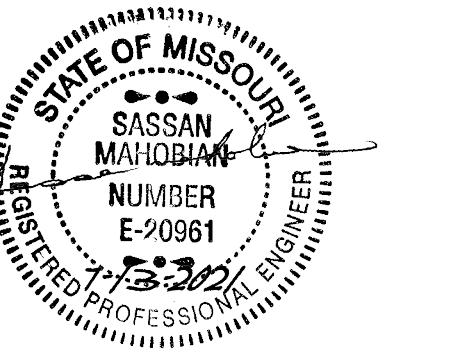
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n 913.931.6425

Field Consultant:  
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Irrigation:  
EcoSystems  
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Lee's Summit, MO 64081  
n 816.246.1082

Professional Seals



No.	Description	Date
3	ADDENDUM 03	8/5/2021

Issued For: BID DOCUMENTS  
Issued Date: 07.13.2021  
Project No: 20.70064.00

SITE DEMOLITION  
PLAN - 2  
ALTERNATE LOT G

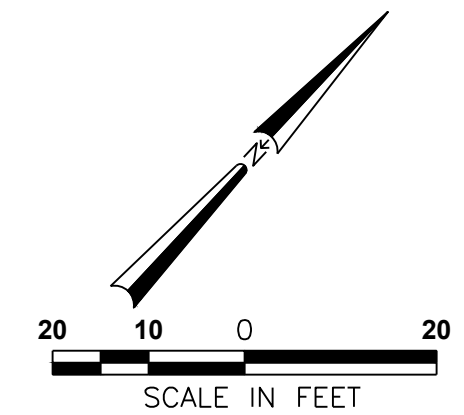
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Sheet Number  
**C102**

**LEGEND**

- REMOVE EXISTING ASPHALT PAVEMENT
- REMOVE EXISTING CONCRETE PAVEMENT
- REMOVE EXISTING ROCK
- REMOVE EXISTING WALLS
- REMOVE EXISTING CURBS
- REMOVE EXISTING FENCE
- SAW CUT
- REMOVE EXISTING STORM SEWER LINE
- REMOVE EXISTING SANITARY SEWER LINE
- REMOVE EXISTING ELECTRICAL LINE. COORDINATE WITH UTILITY COMPANY.
- ADJUST EXISTING UTILITY VALVE COVERS AND MANHOLE TOPS TO NEW GRADES
- REMOVE EXISTING TREE
- SAVE EXISTING TREE. INSTALL TREE PROTECTION FENCING. REFER TO TREE PRESERVATION NOTES. APPROXIMATE DRILLPIE SHOWN. INSTALL 6" DEPTH COARSE MULCH BED FROM TRUNK TO DRIP LINE. REFER TO SPECIAL CONDITIONS.
- REMOVE EXISTING SIGNS & FOUNDATION

- TREE PROTECTION NOTES**
- TREE PROTECTION FENCING SHALL BE INSTALLED WHERE SHOWN ON THE PLAN AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO ANY LAND DISTURBANCE ACTIVITIES. AT NO TIME CAN THE FENCE BE MOVED OR RELOCATED WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
    - MARK DESIGNATED DRIP LINE OF TREED AREA AND TREES TO REMAIN.
    - INSTALL 6" TALL TREE PROTECTION FENCE PER DETAILS C/C61.
    - LOCATE THE TREE PROTECTION FENCE A MINIMUM 1' BEYOND THE DRILLPIE.
    - THE TREE PROTECTION AREA SHALL NOT BE MODIFIED OR REMOVED PRIOR TO CONSENT OF THE OWNER'S REPRESENTATIVE. ANY DIGGING, EXCAVATING, TRENCHING, CHANGING OF GRADE, OR OTHER ACTIONS THAT MAY POTENTIALLY IMPACT THE ROOTING ENVIRONMENT MUST BE AUTHORIZED BY THE OWNER'S REPRESENTATIVE PRIOR TO WORK COMMENCEMENT.
    - CONTRACTOR MAY INSTALL A CONTINUOUS FENCE AROUND TREES WHICH ARE CLOSE TOGETHER IN LIEU OF INDIVIDUAL FENCING FOR EACH TREE.
    - MATERIALS, DEBRIS, EQUIPMENT, AND/OR SITE AMENITIES SHALL NOT BE STORED WITHIN THE TREE PROTECTION AREA.
  - FENCING SHALL REMAIN ERECT THROUGHOUT ALL PHASES OF THE PROJECT AND ONLY BE REMOVED ONCE FINAL LANDSCAPE IS INSTALLED.
  - NO DISTURBANCE SHALL OCCUR WITHIN THE FENCED AREA OF TREE PROTECTION. THIS INCLUDES BUT IS NOT LIMITED TO: GRADING, FILLING, TRENCHING, STORAGE OF CONSTRUCTION MATERIAL, VEHICLE PARKING, CONCRETE WASHOUT, ETC.
  - TREES APPROVED FOR REMOVAL SHALL BE REMOVED IN A MANNER THAT DOES NOT IMPACT TREES TO BE PRESERVED.
  - TRIMMING OF LIMBS NECESSARY TO MINIMIZE POTENTIAL DAMAGE OR PROVIDE CLEARANCE FOR WORK SHALL BE DONE BY AN APPROVED, TRAINED TREE MAINTENANCE SUBCONTRACTOR AND COORDINATED WITH THE OWNER'S REPRESENTATIVE PRIOR TO TRIMMING.
  - TRIMMING SHALL TAKE PLACE BEFORE ANY CONSTRUCTION BEGINS.
  - ANY ROOTS EXPOSED DURING CONSTRUCTION SHALL BE CUT BACK FLUSH WITH THE SOIL. BACKFILL ROOT AREAS WITH QUALITY TOPSOIL AS SOON AS POSSIBLE.
  - TRENCHING FOR INSTALLATION OF LANDSCAPE IRRIGATION SHOULD BE MOVED AS FAR FROM EXISTING TREE TRUNKS AS POSSIBLE.
  - NO LANDSCAPE TOPSOIL GREATER THAN FOUR (4) INCHES SHALL BE PERMITTED WITHIN THE DRILLPIE OR PROTECTED ZONE OF TREES.
  - LARGE EQUIPMENT USE AFTER EXISTING PAVEMENT DEMOLITION SHALL BE LIMITED WHILE AREA IS EXPOSED.
  - PAVEMENT SHALL BE REMOVED AND REPLACED AS QUICKLY AS POSSIBLY TO LIMIT COMPACTION OF EXISTING TREE ROOTS.
  - COORDINATE WITH OWNER'S REPRESENTATIVE DURING CONSTRUCTION.
  - CONTRACTOR SHALL CLEAR AND GRUB INSIDE THE LIMITS OF CONSTRUCTION. ALL TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE REMOVED WITHOUT APPROVAL FROM THE OWNER'S REPRESENTATIVE.



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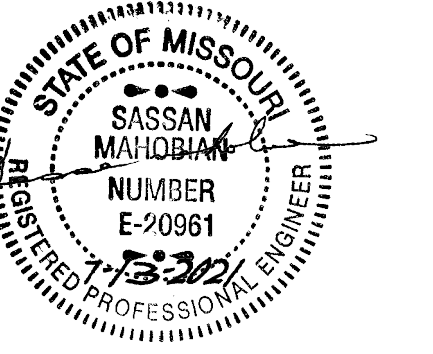
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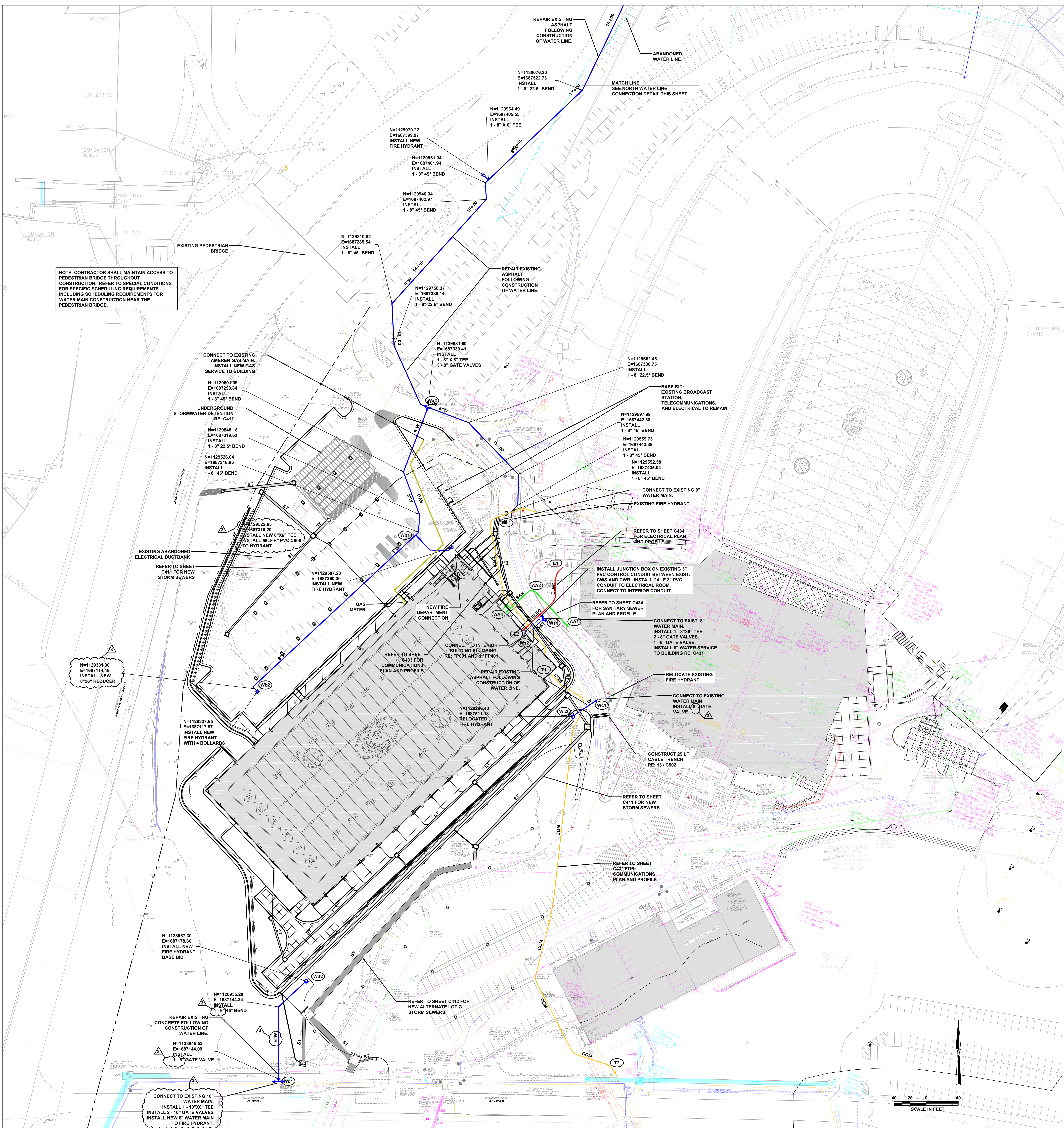
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3	ADDENDUM 03	8/5/2021

Issued For: BID DOCUMENTS  
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Project No.: 20.70064.00  
Sheet Title:

**SITE UTILITY PLAN - 1**

Original is 48" x 36". Do not scale contents of this drawing.  
Sheet Number

**C401**

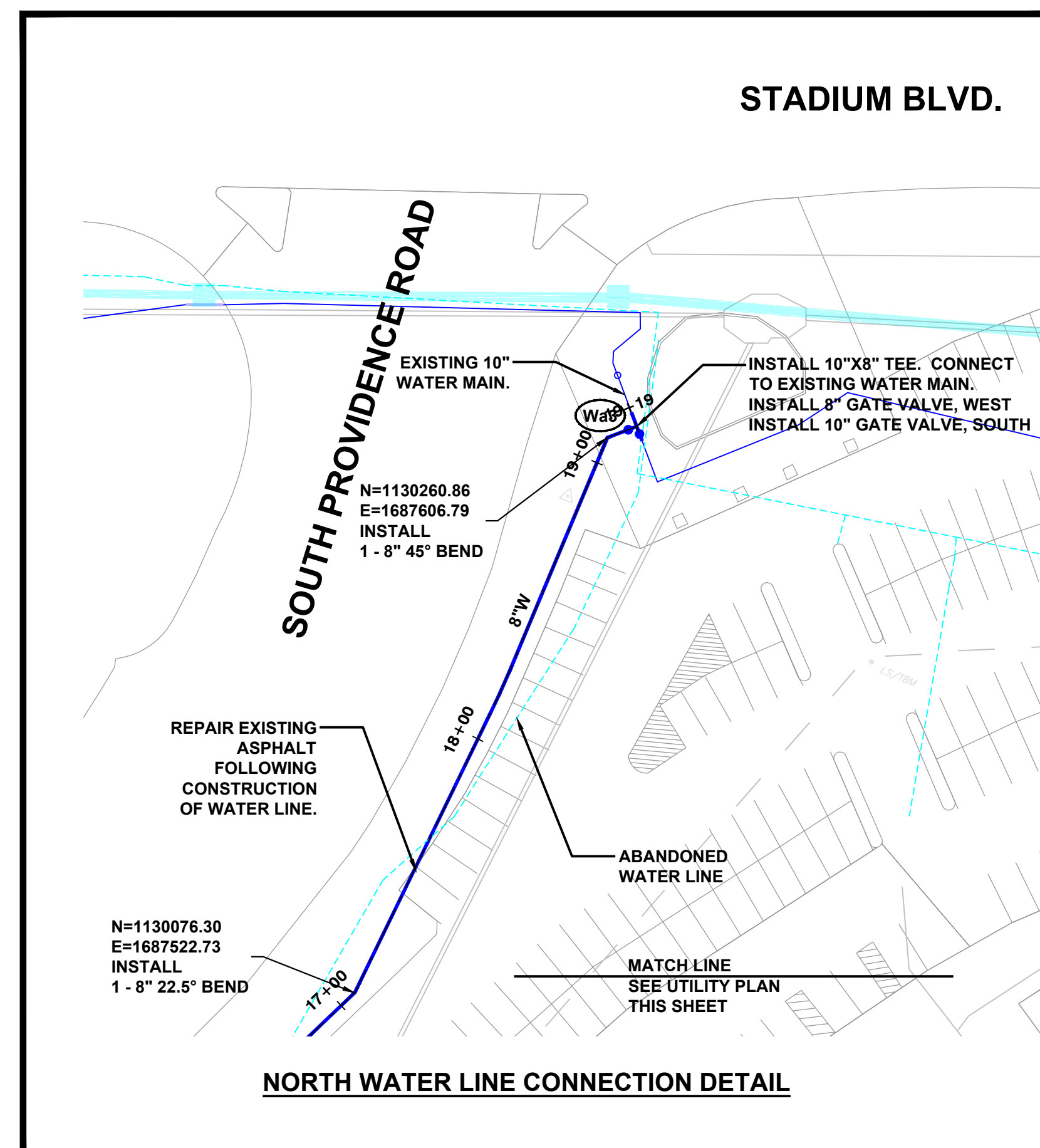


**LEGEND:**

- NEW BUILDING
- ST\_ NEW STORM SEWER
- NEW STORM STRUCTURE / INLET
- RD NEW ROOF DRAIN
- SAN NEW SANITARY SERVICE
- W NEW WATER MAIN
- ELEC NEW ELECTRIC
- GAS NEW GAS
- COM NEW COMMUNICATIONS
- BCD BACK OF CURB DRAIN RE: 8 / C504

**NOTE:**  
CONTRACTOR SHALL COORDINATE AND SCHEDULE THE GAS SERVICE INSTALLATION WITH AMEREN. MU WILL PAY ALL AMEREN FEES DIRECTLY TO AMEREN. AMEREN WILL CONSTRUCT THE GAS SERVICE FROM THE EXISTING MAIN TO THE METER ON THE BUILDING.

**NOTE:** CONTRACTOR SHALL MAINTAIN ACCESS TO PEDESTRIAN BRIDGE THROUGHOUT CONSTRUCTION. REFER TO SPECIAL CONDITIONS FOR SPECIFIC SCHEDULING REQUIREMENTS INCLUDING SCHEDULING REQUIREMENTS FOR WATER MAIN CONSTRUCTION NEAR THE PEDESTRIAN BRIDGE.



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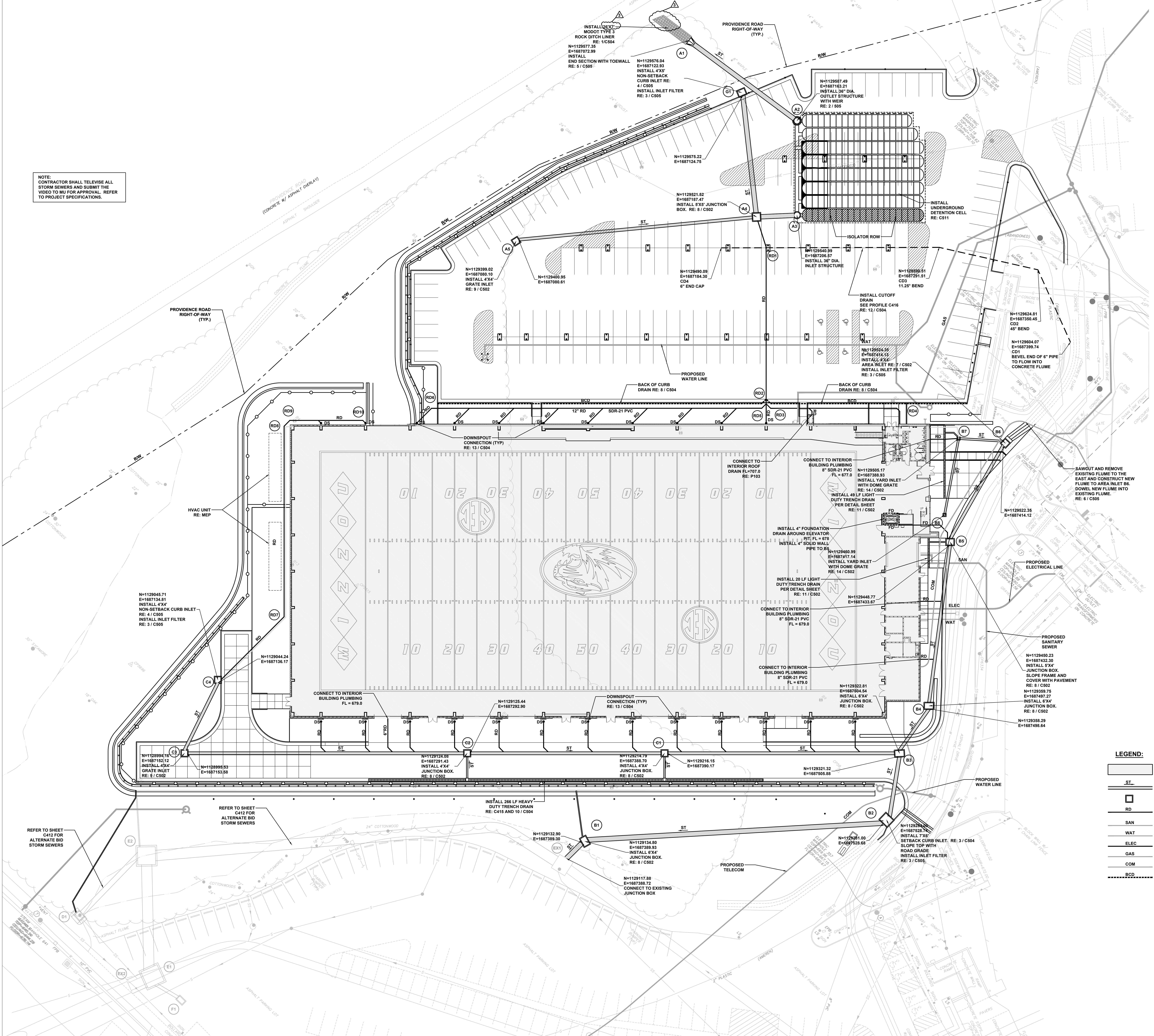


No.	Description	Date
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3	ADDENDUM 03	8/2/2021

Issued For: BID DOCUMENTS  
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Project No.: 20.70064.00  
Sheet Title:

**SITE STORM SEWER  
PLAN - 1**

Original is 48" x 36". Do not scale contents of this drawing.  
Sheet Number  
**C411**



NOTE:  
CONTRACTOR SHALL TELETYPE ALL  
STORM SEWERS AND SUBMIT THE  
VIDEO TO MU FOR APPROVAL. REFER  
TO PROJECT SPECIFICATIONS.

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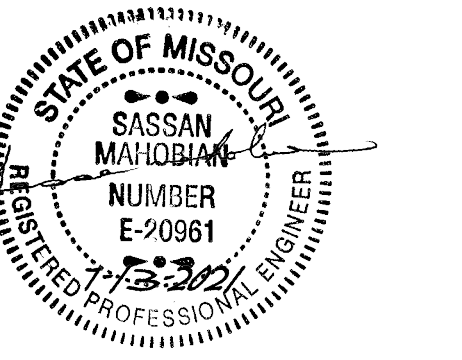
Landscape:  
HOK  
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3600 W. 96th Street, Suite 216  
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No.	Description	Date
2	ADDENDUM 02	7/29/2021
3	ADDENDUM 03	8/5/2021

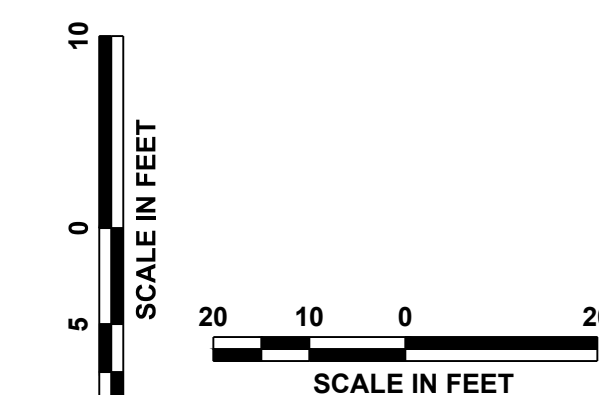
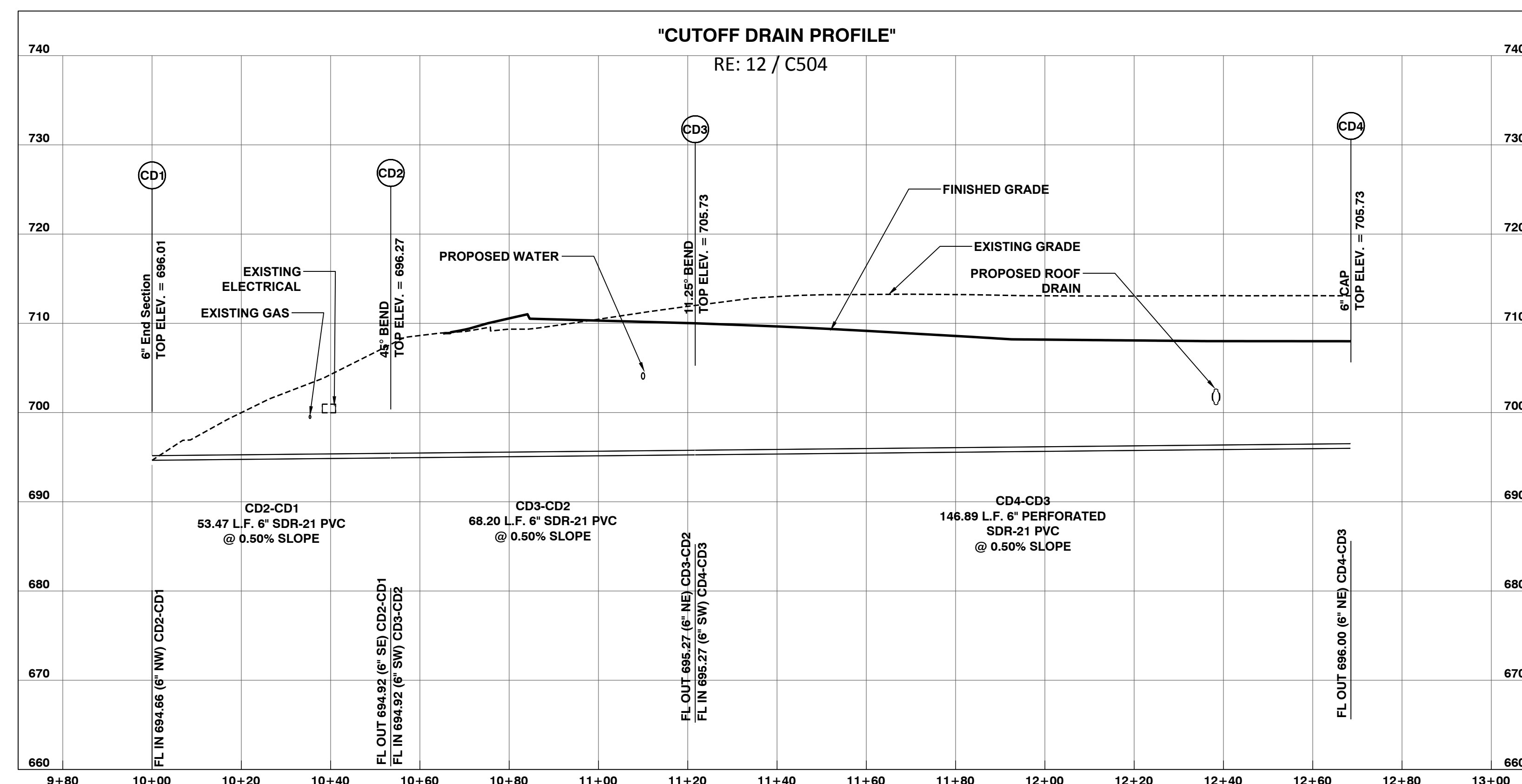
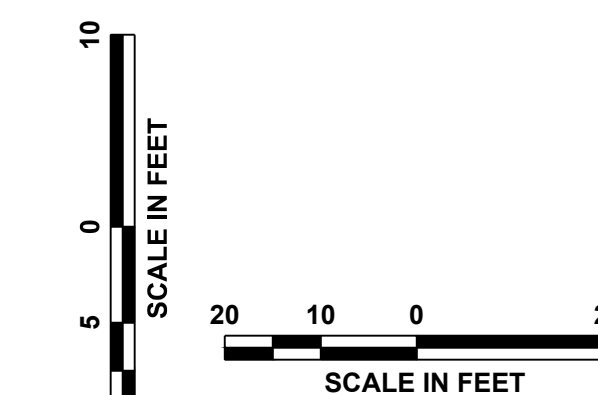
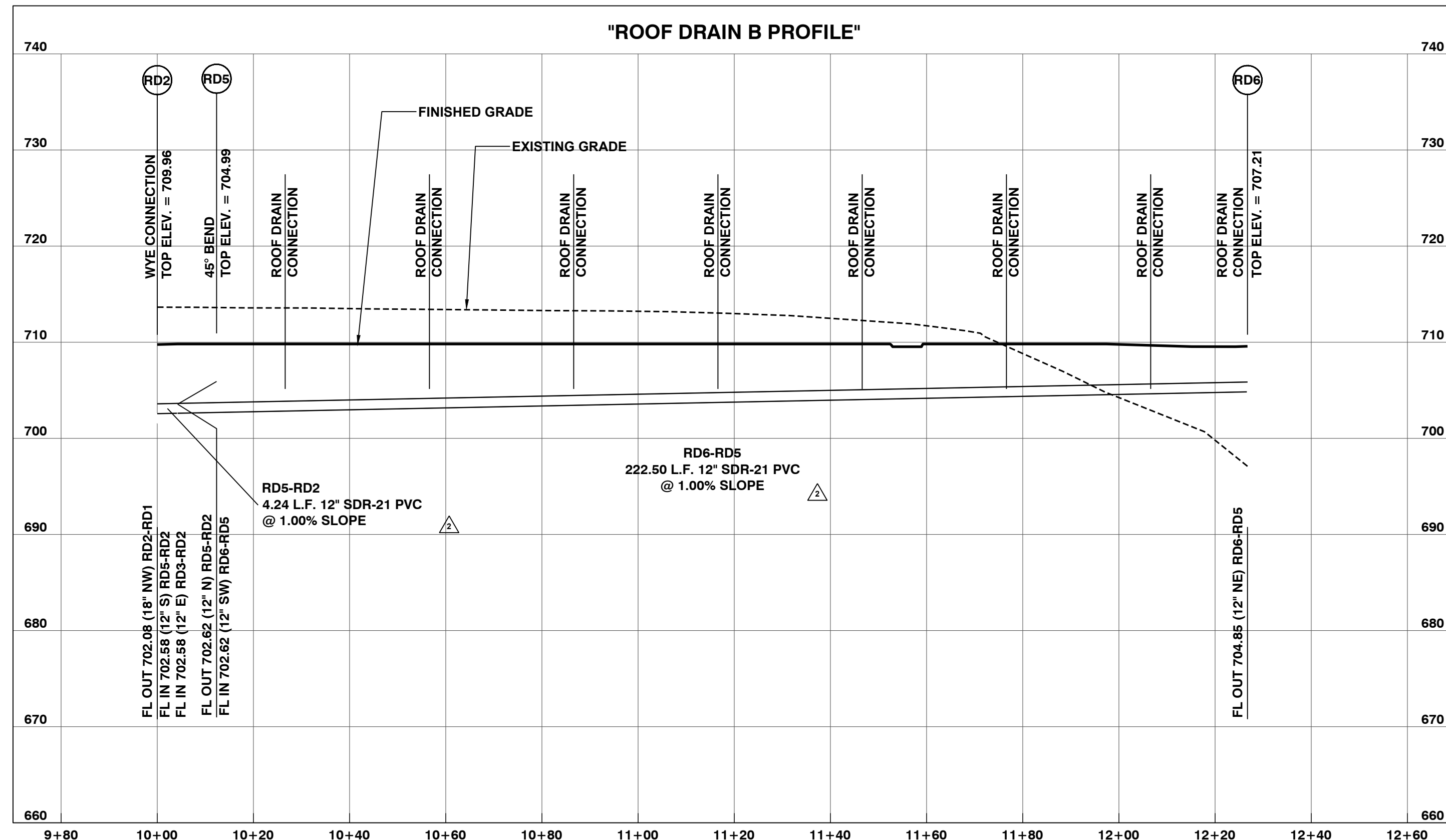
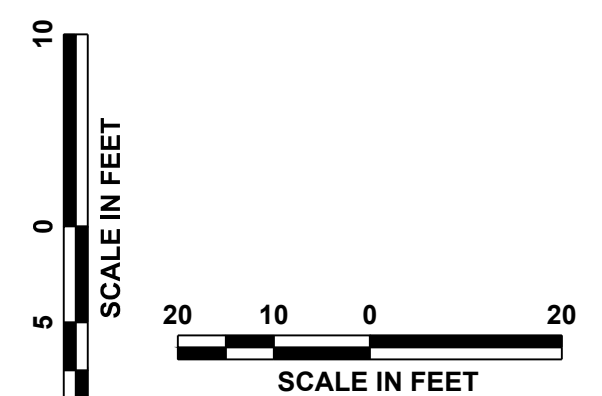
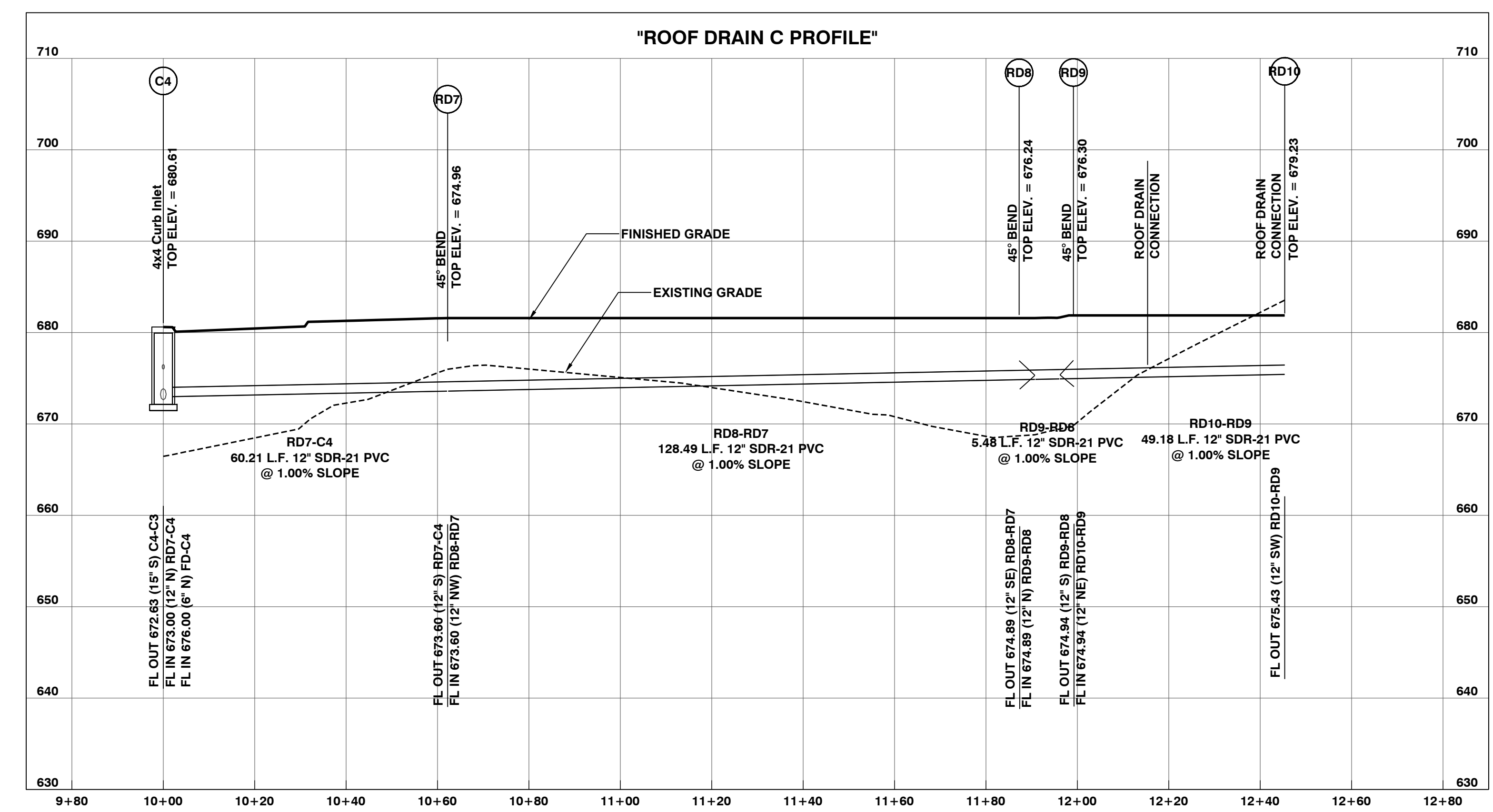
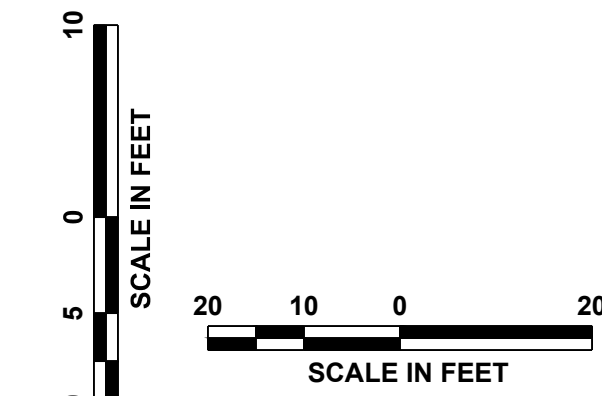
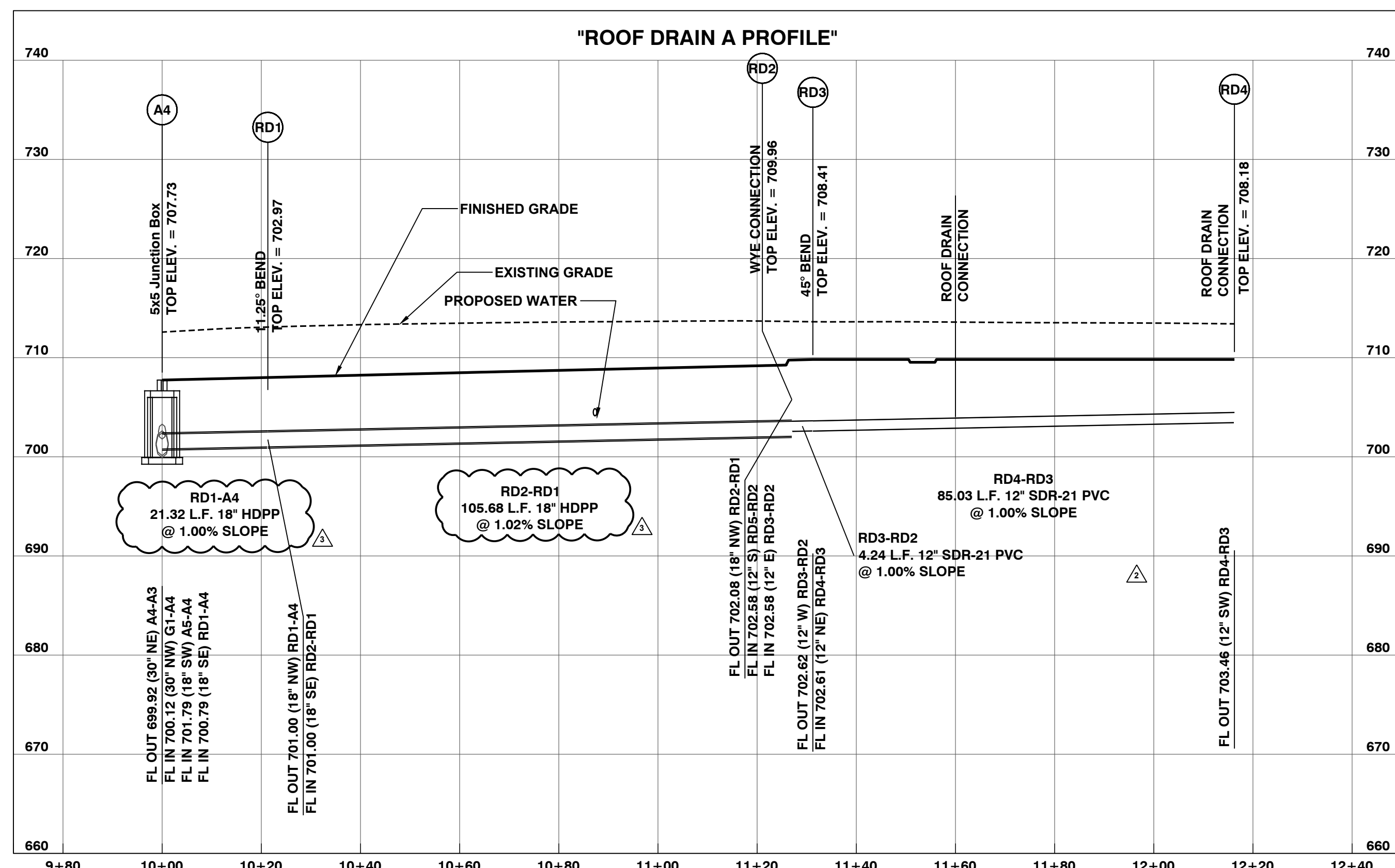
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Project No.: 20-70064.00

Sheet Title:  
**STORM SEWER  
PROFILES - 2**

Original at 48" x 36". Do not scale contents of this drawing.

Sheet Number

**C416**



ROOF DRAIN NOTE:  
INSTALL INSERTA TEE AT EACH ROOF  
DRAIN CONNECTION TO NEW HDPP PIPE.

"HDPP": POLYPROPYLENE PIPE NOTE:  
HIGH DENSITY POLYETHYLENE PIPE (HDPE) IS NOT EQUIVALENT TO POLYPROPYLENE PIPE.  
DUAL WALL AND TRIPLE WALL POLYPROPYLENE STORM SEWER PIPE. DUAL WALL PIPE AND FITTINGS 12 INCH THROUGH 24 INCH  
DIAMETER SHALL CONFORM TO ASTM F2736 AND TRIPLE WALL PIPE 30 INCH THROUGH 60 INCH SHALL CONFORM TO ASTM F2764.  
EXCEPT AS OTHERWISE SPECIFIED HEREIN, DUAL WALL POLYPROPYLENE PIPE SHALL HAVE A SMOOTH INTERIOR AND ANNULAR EXTERIOR  
CORRUGATIONS. TRIPLE WALL POLYPROPYLENE PIPE SHALL HAVE A SMOOTH INTERIOR AND EXTERIOR WITH ANNULAR INNER  
CORRUGATIONS. PIPE SHALL HAVE A MINIMUM PIPE STIFFNESS OF 46 PSI WHEN TESTED IN ACCORDANCE WITH ASTM D2412. PIPE  
SHALL BE JOINED WITH AN INTEGRAL BELL AND SPIGOT JOINT ON ALL SIZES. THE JOINTS SHALL BE WATERTIGHT IN ACCORDANCE WITH  
ASTM D3212. THE SPIGOT SHALL HAVE TWO GASKETS MEETING THE REQUIREMENTS OF ASTM F477. THE GASKETS SHALL BE INSTALLED  
FROM DEBRIS. A JOINT LUBRICANT SHALL BE USED ON THE GASKET AND PIPE BELL DURING ASSEMBLY. PIPE SHALL HAVE A REINFORCED  
BELL WITH A POLYMER COMPOSITE BAND INSTALLED BY THE MANUFACTURER. PIPE MATERIALS SHALL MEET OR EXCEED APWA 2500  
STANDARDS.

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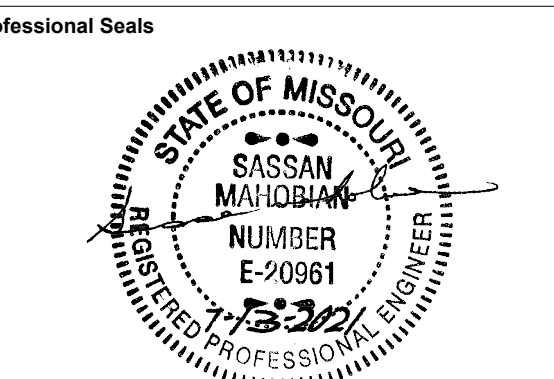
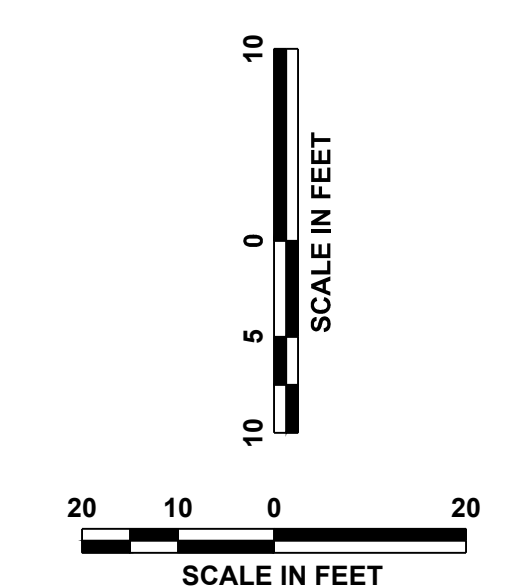
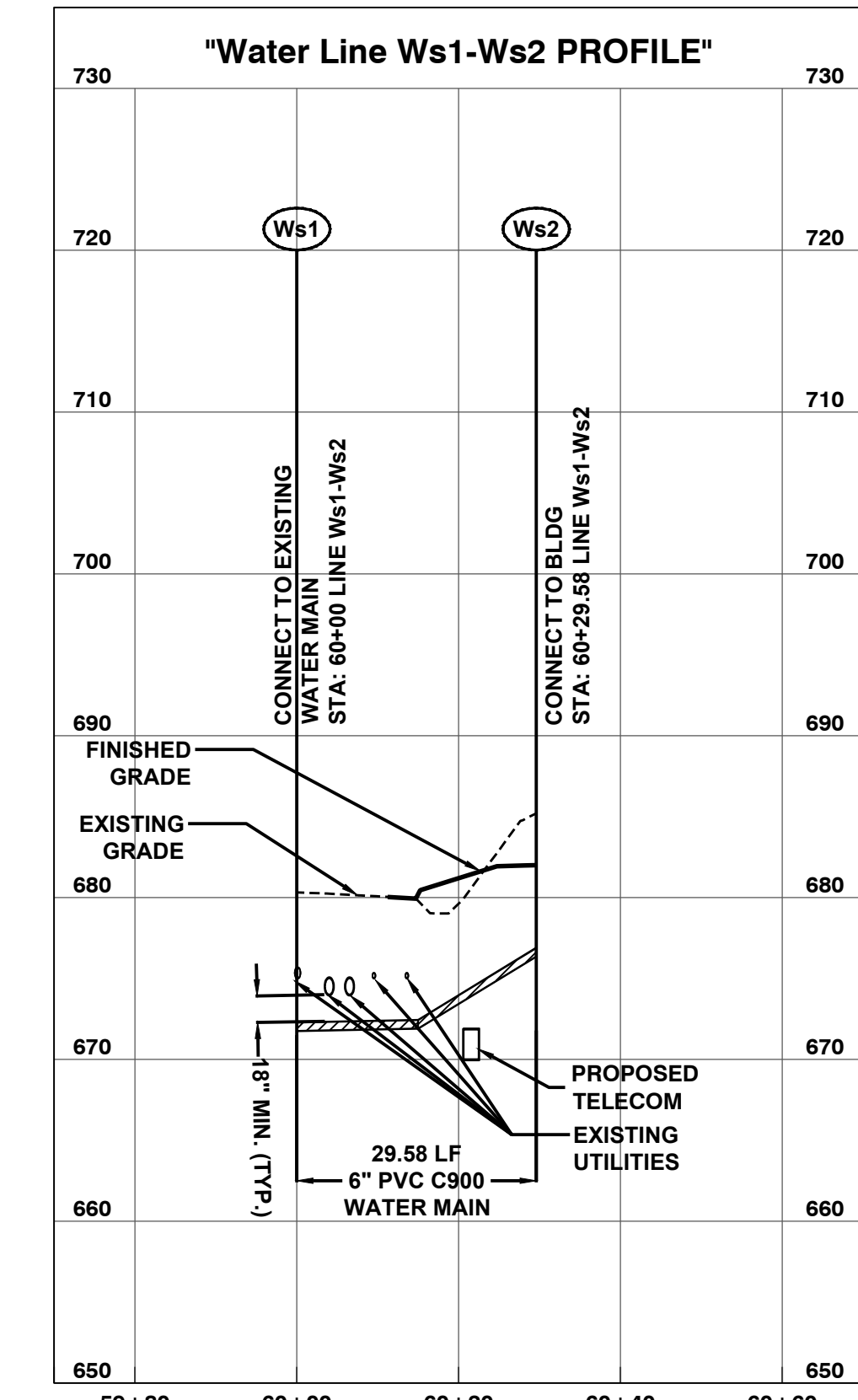
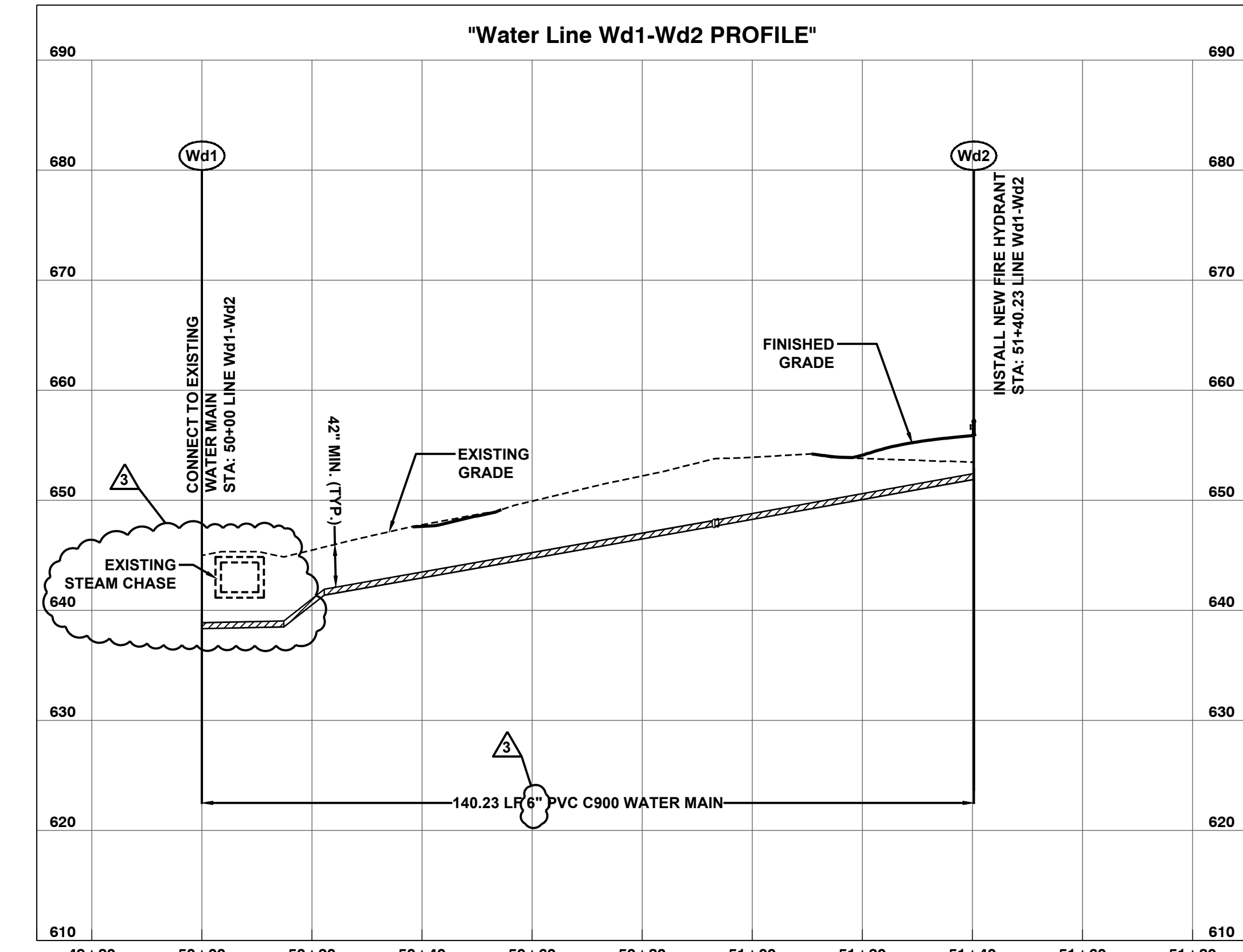
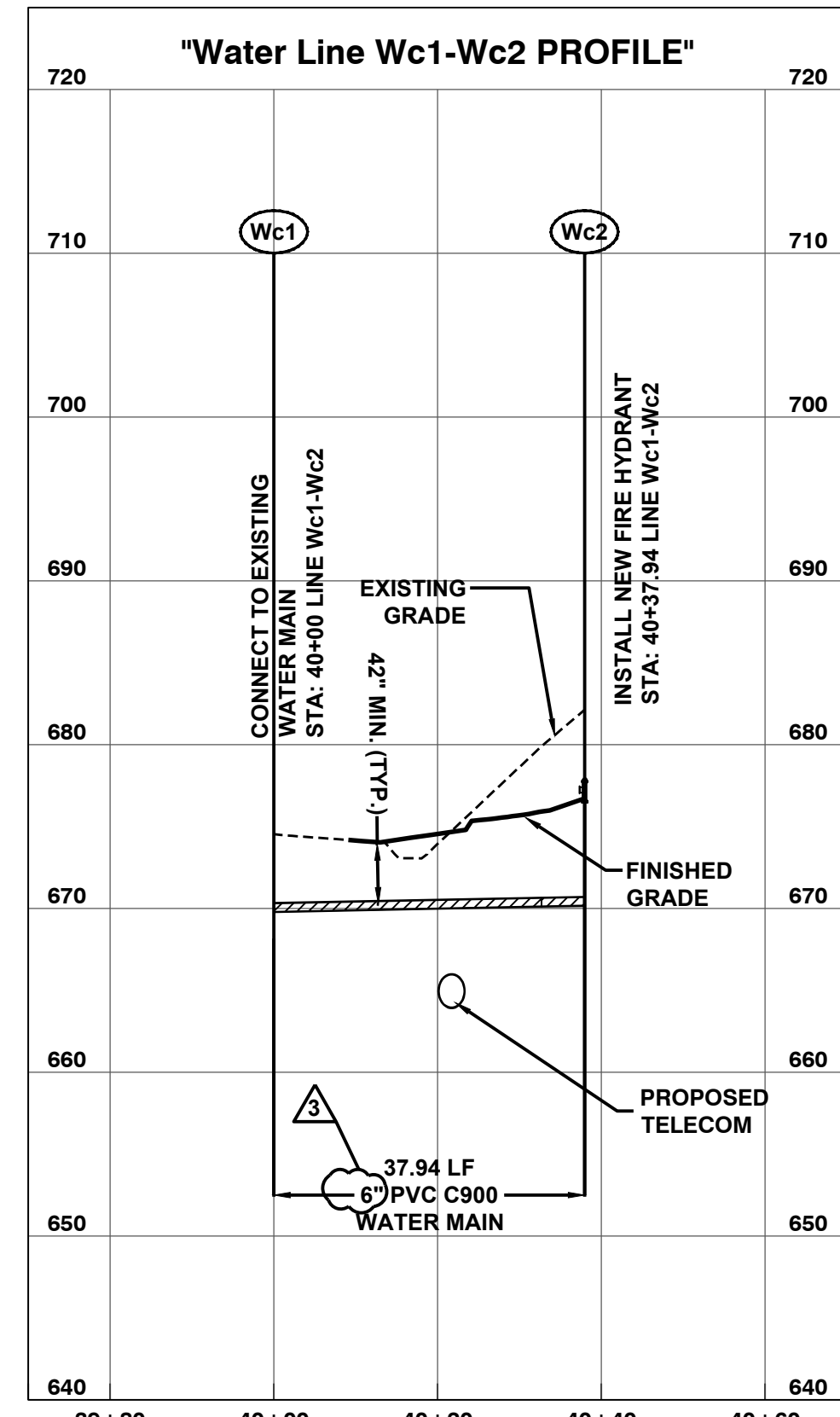
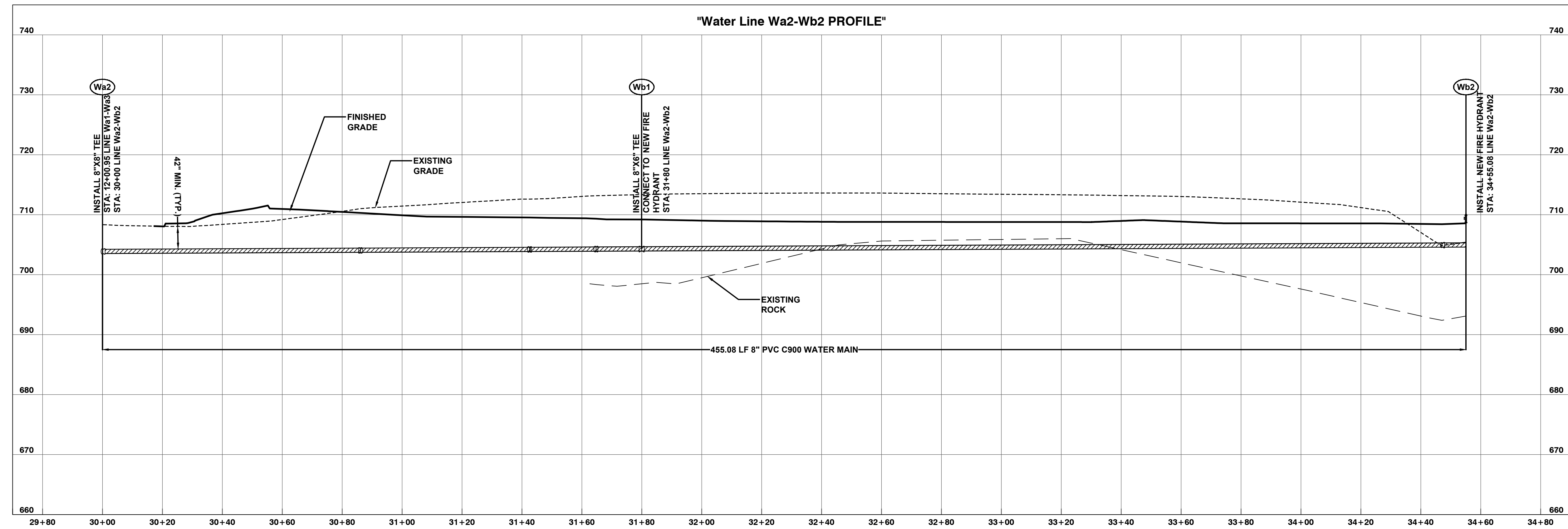
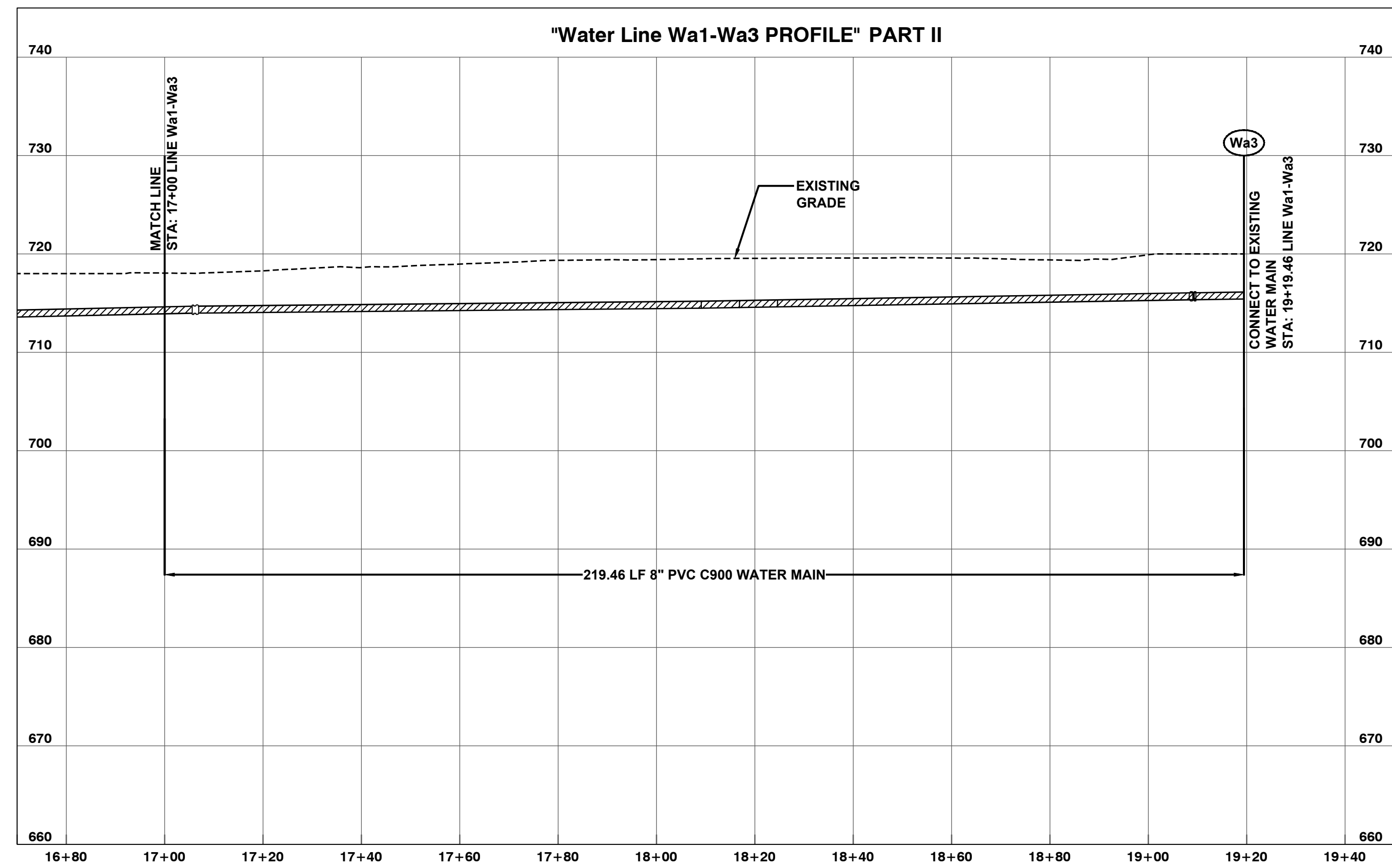
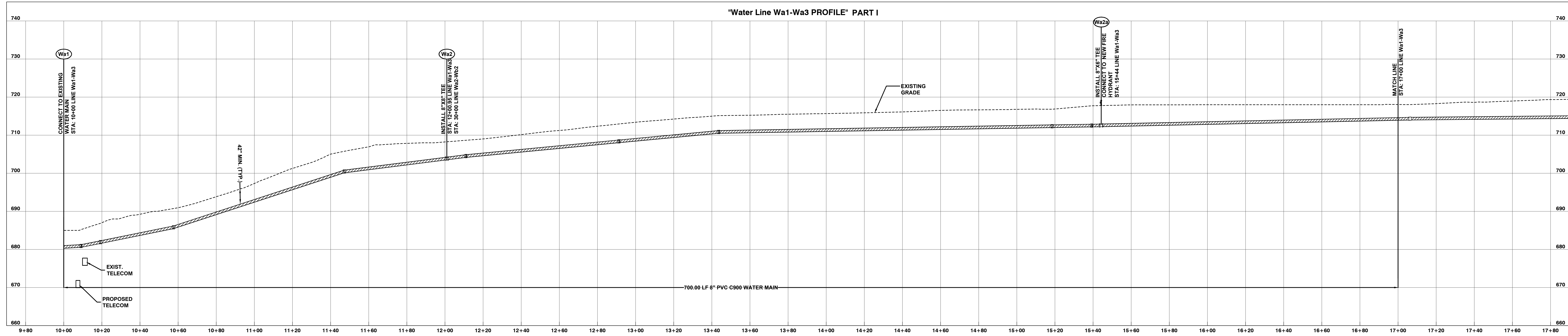
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3	ADDENDUM 03	8/5/2021

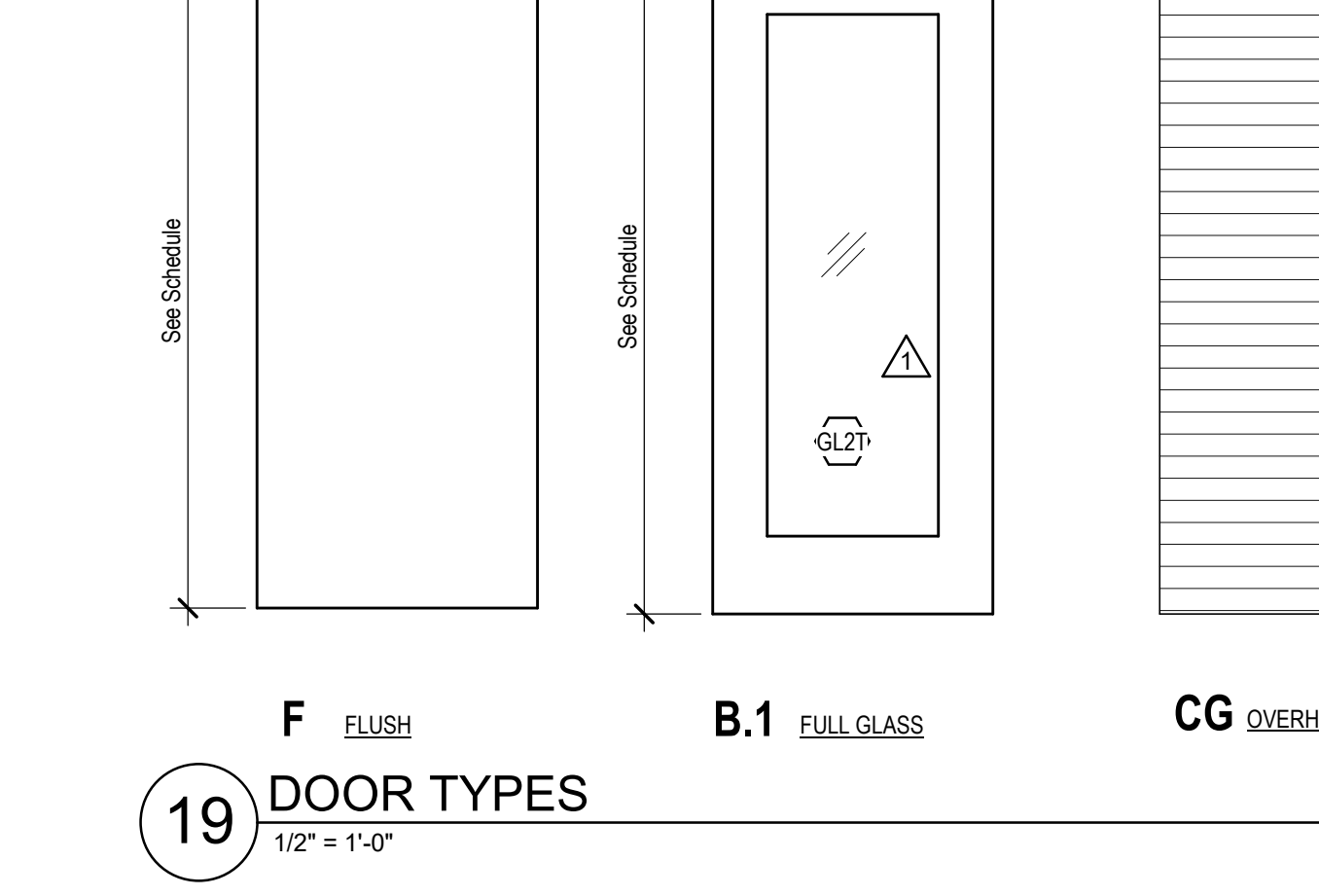
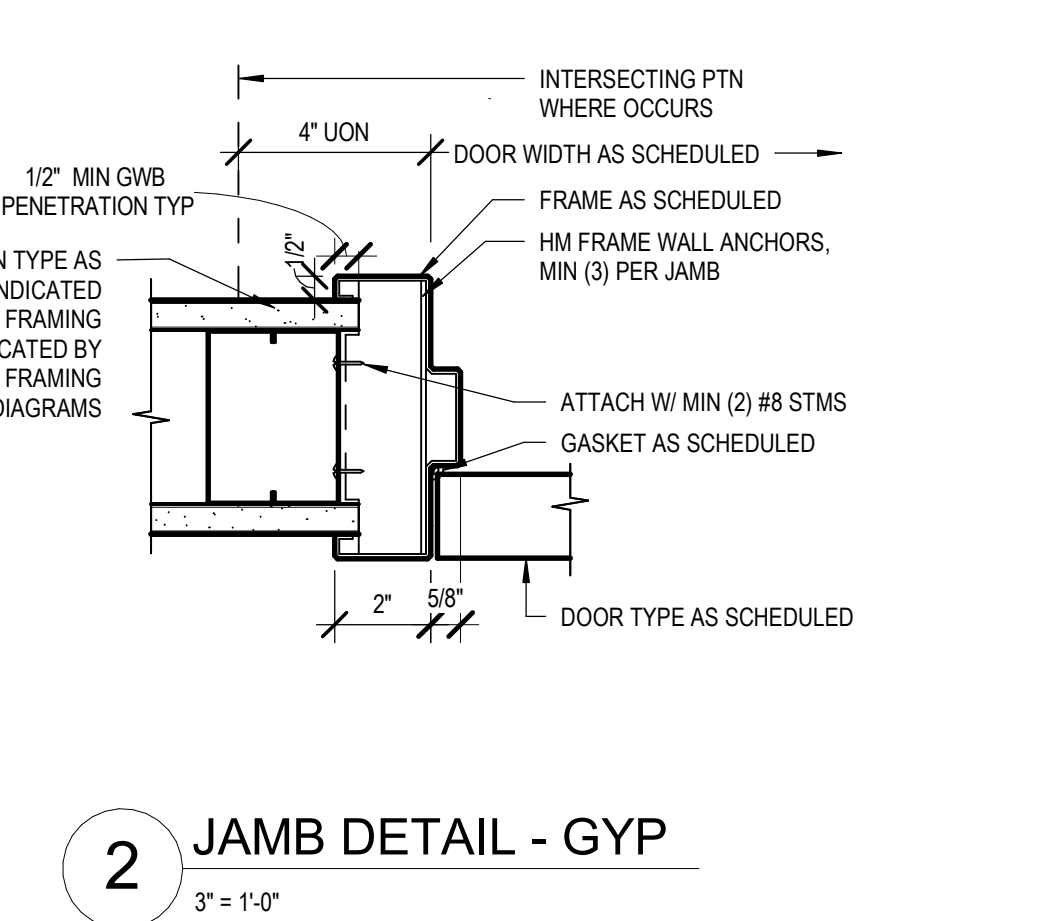
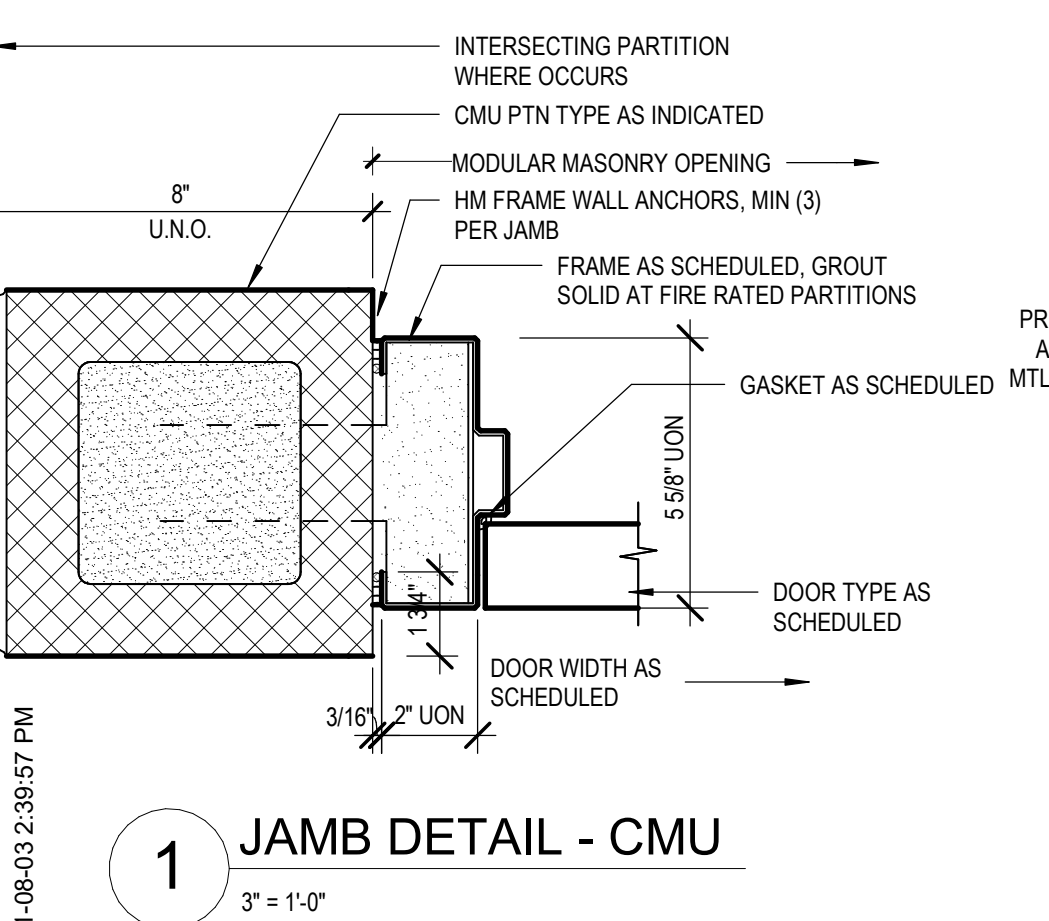
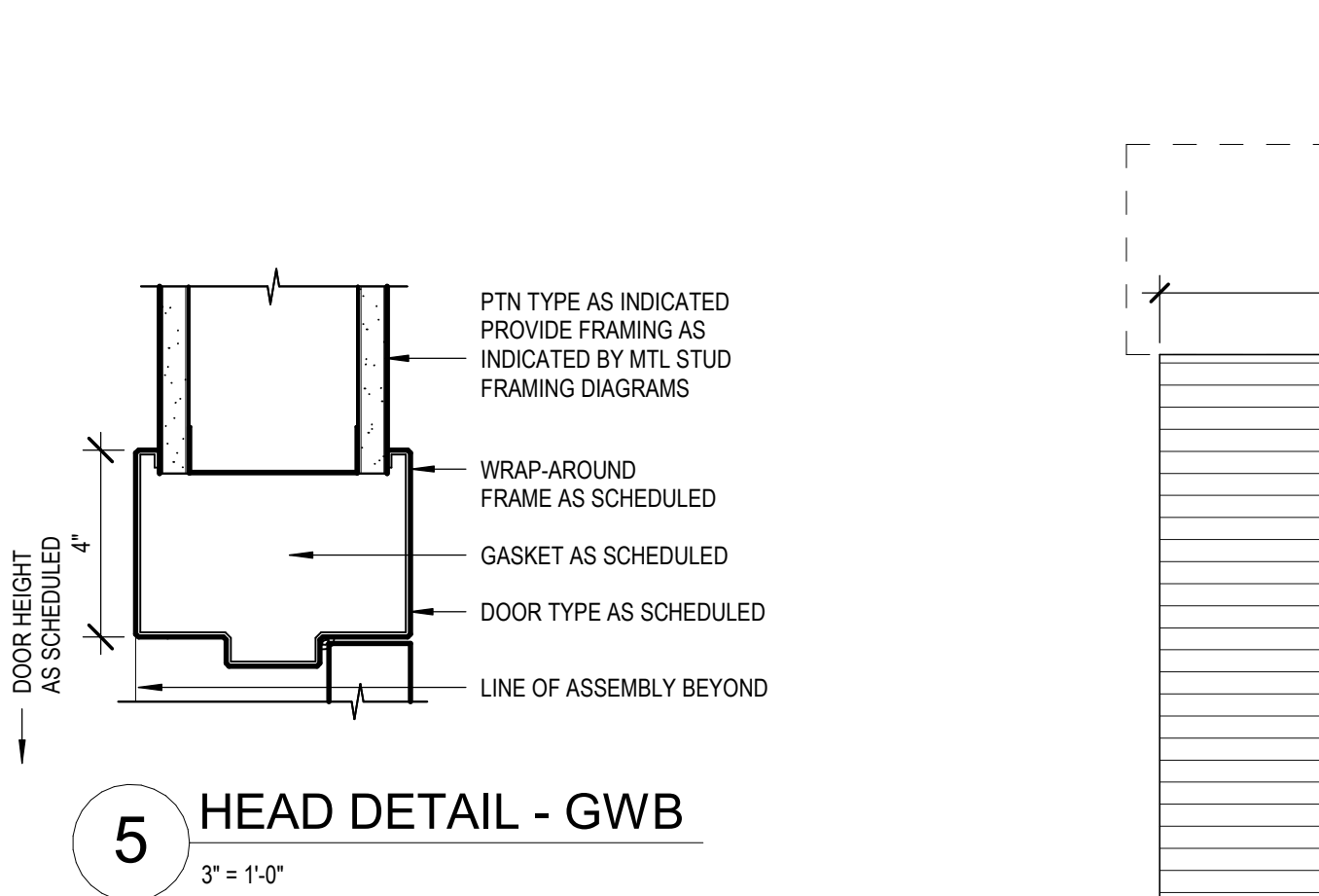
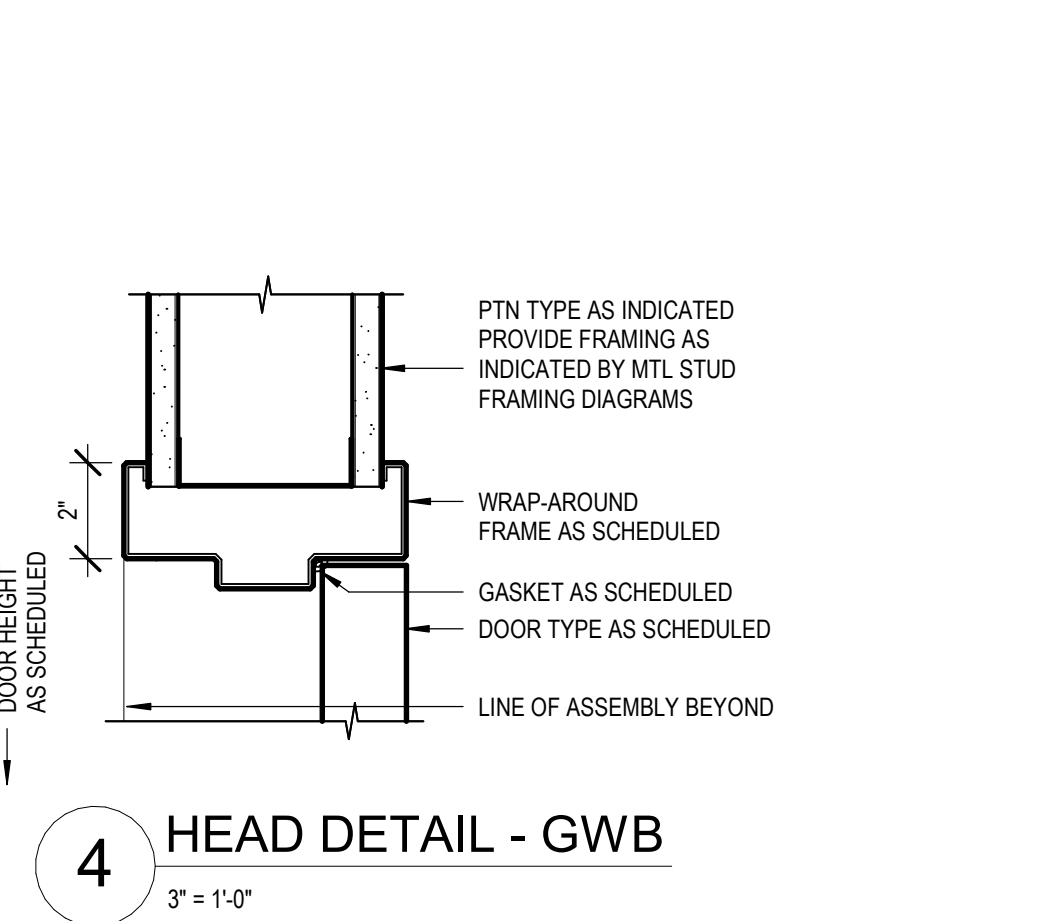
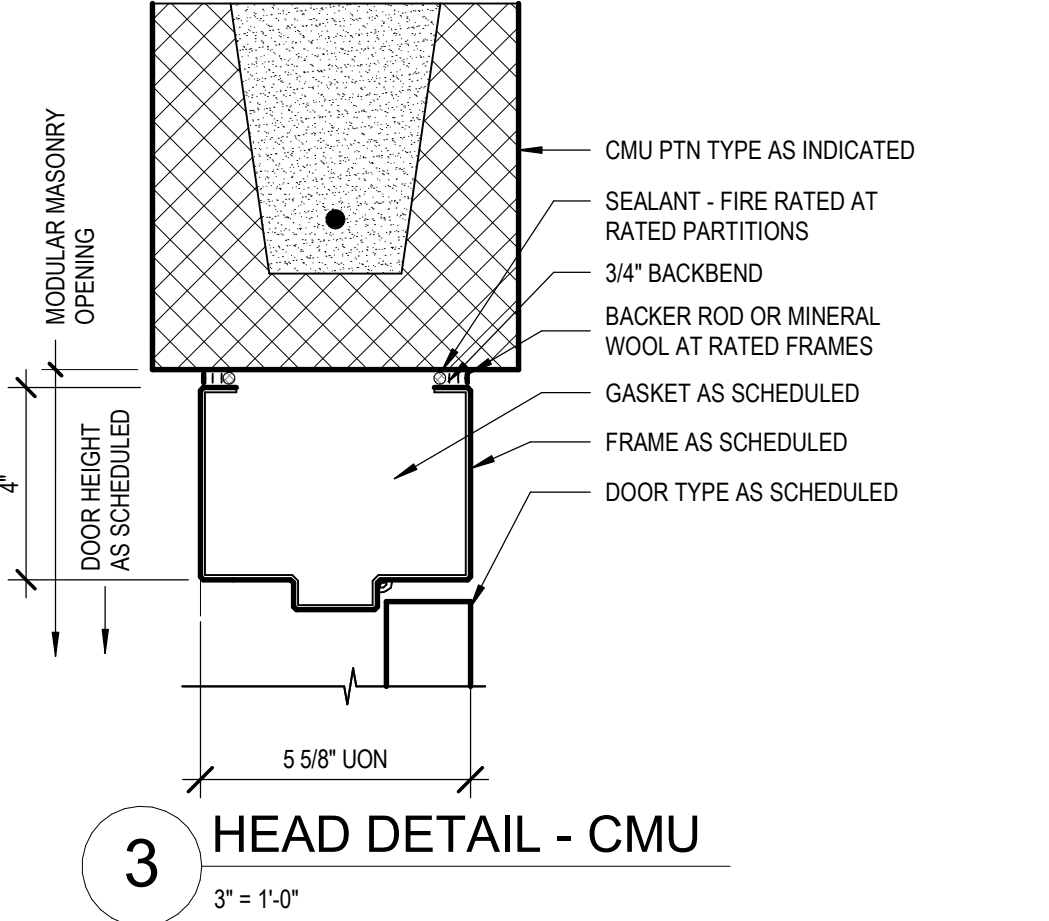
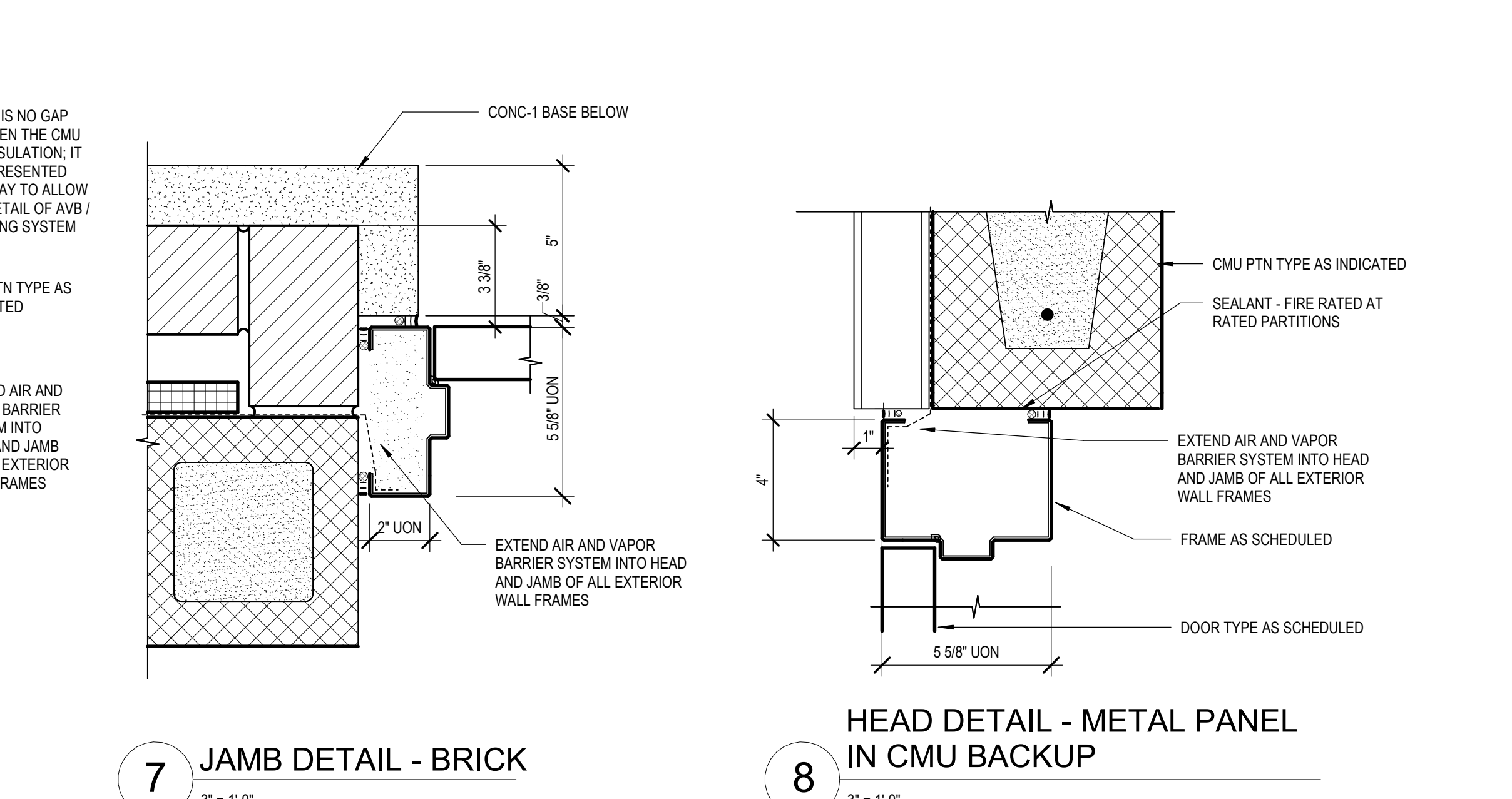
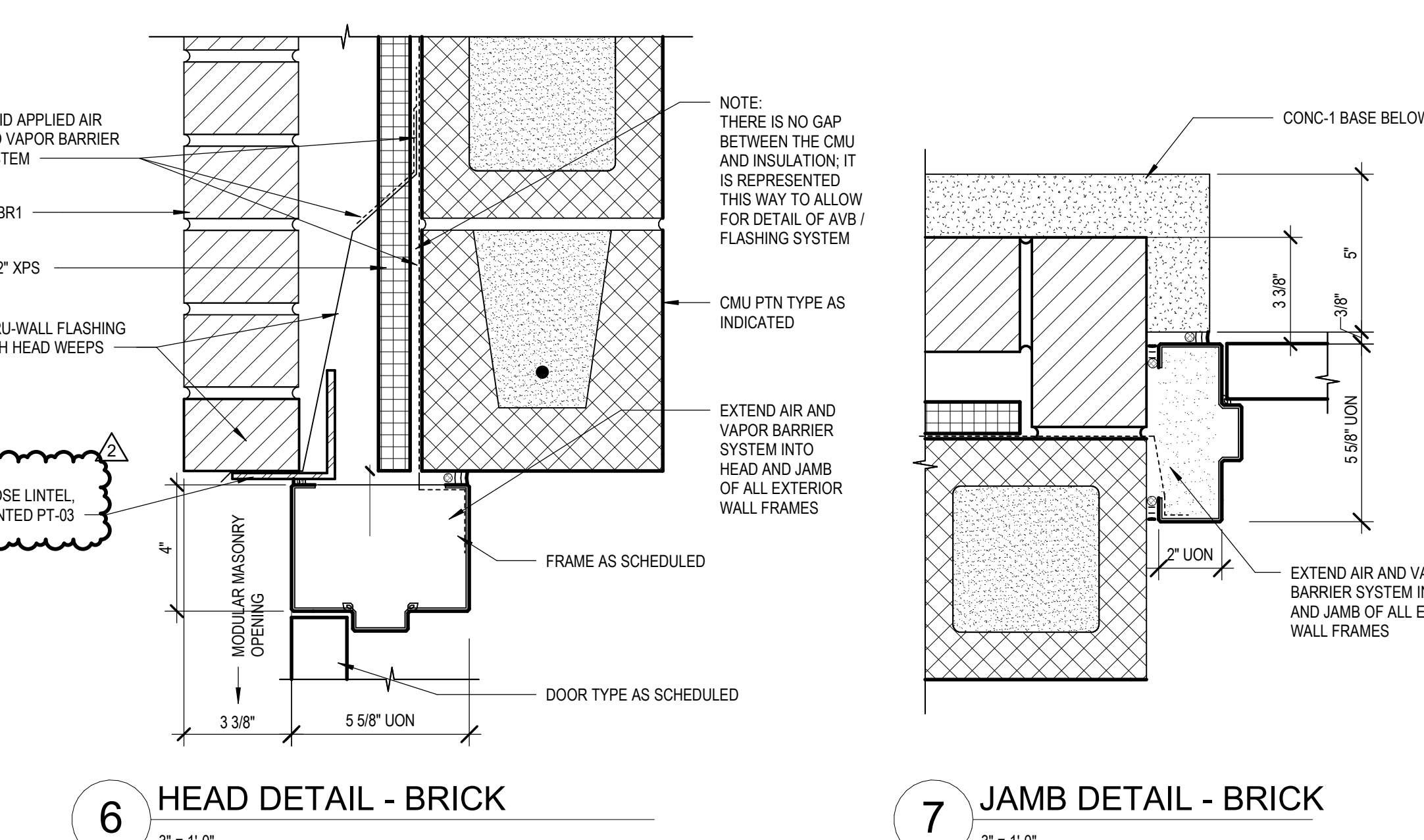
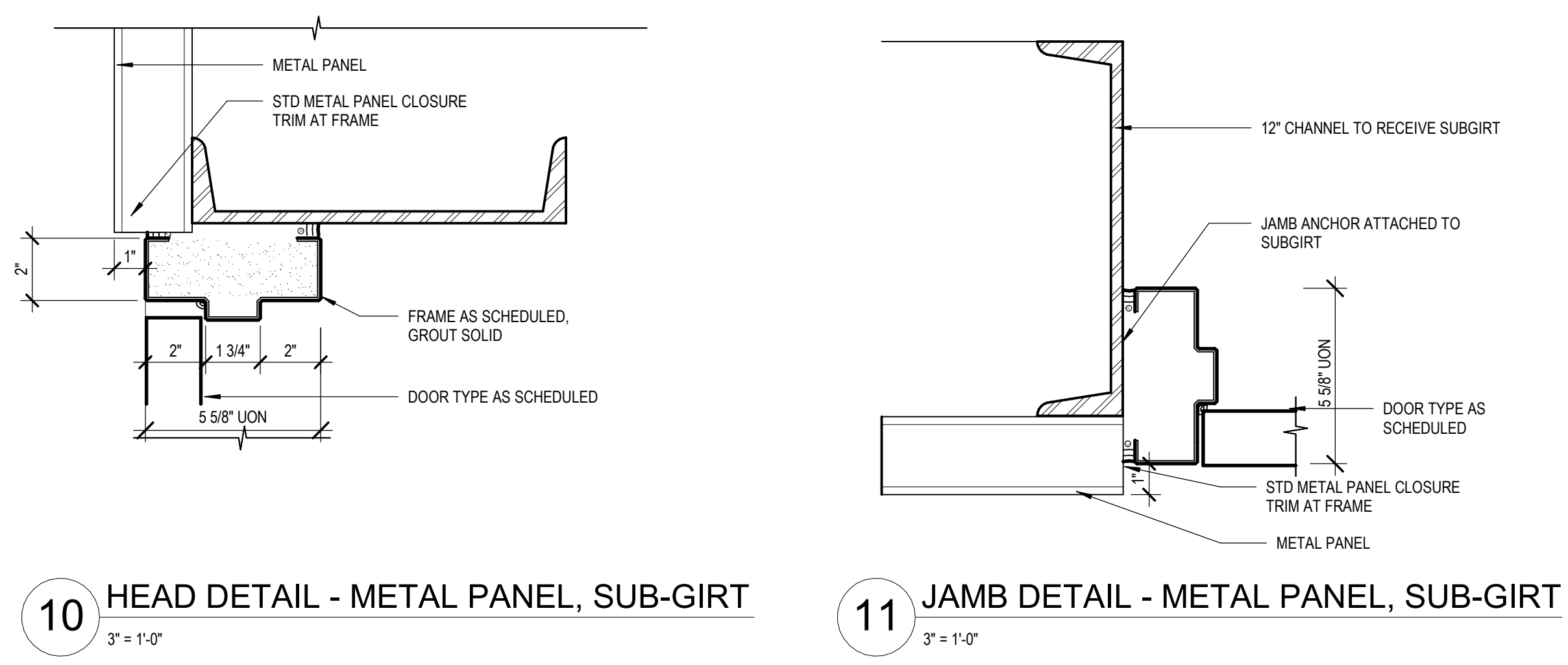
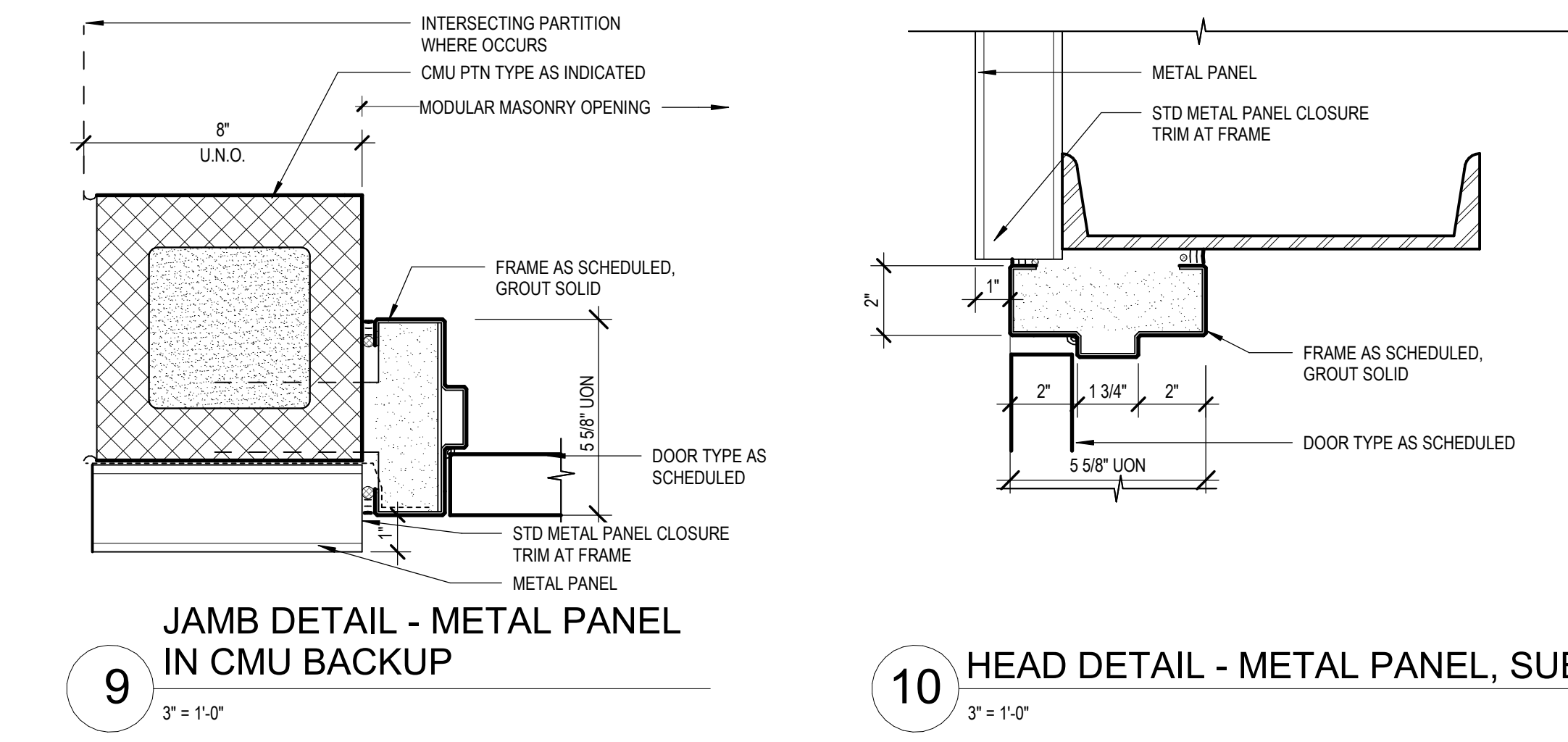
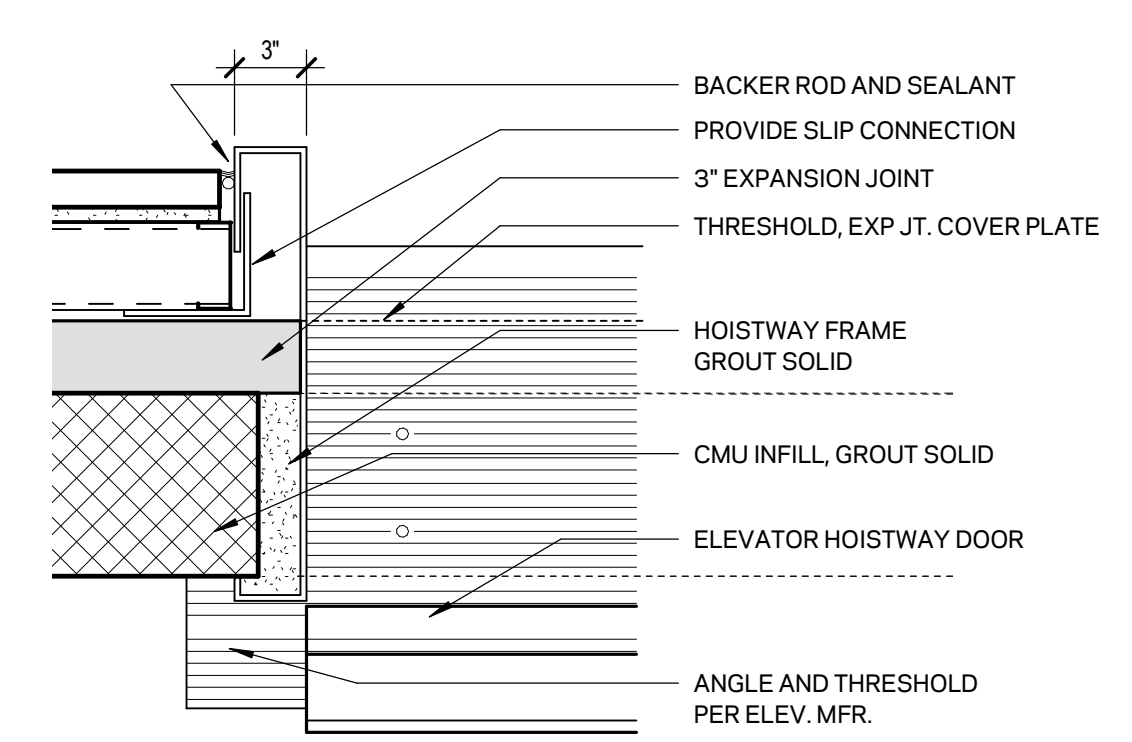
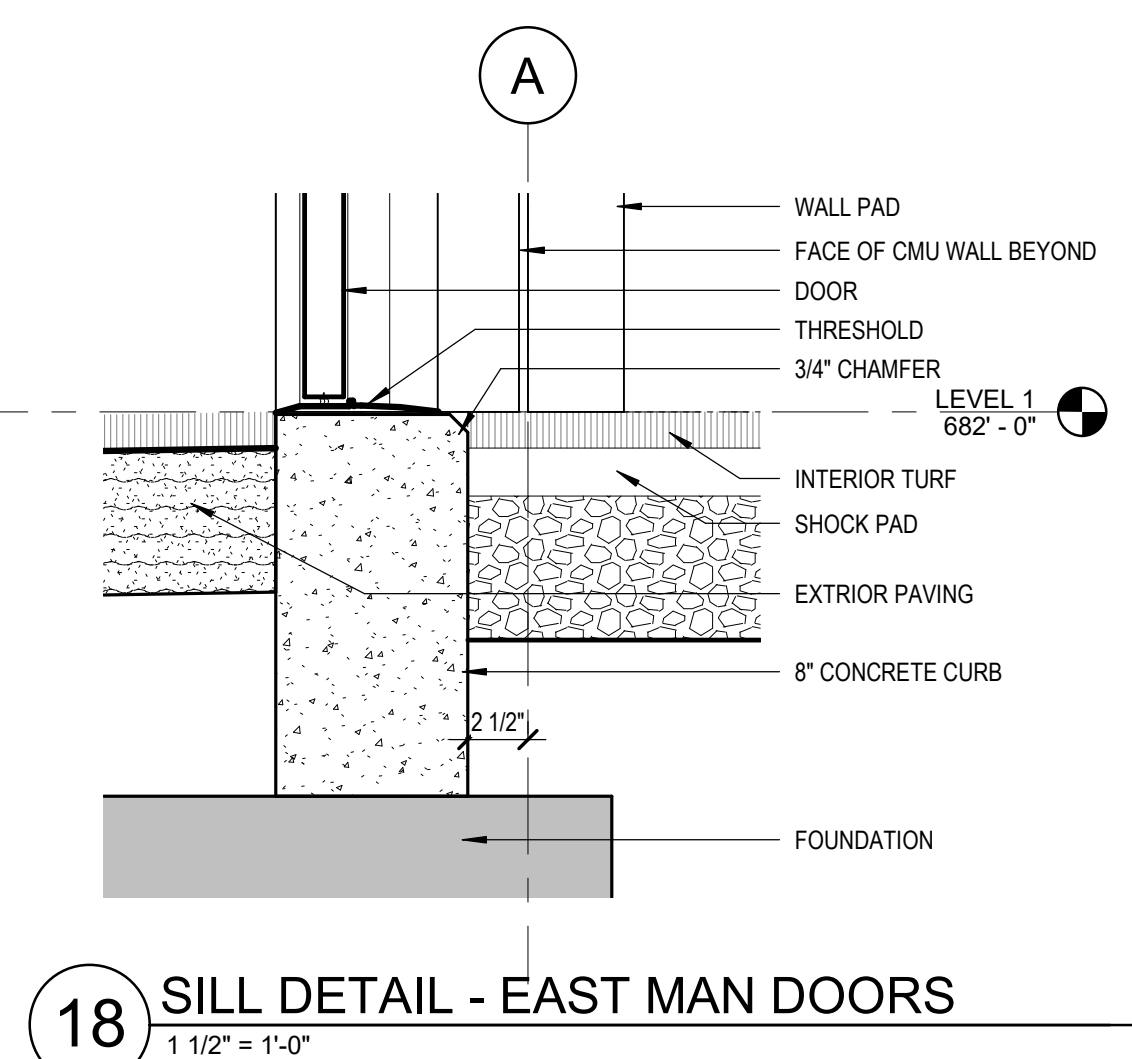
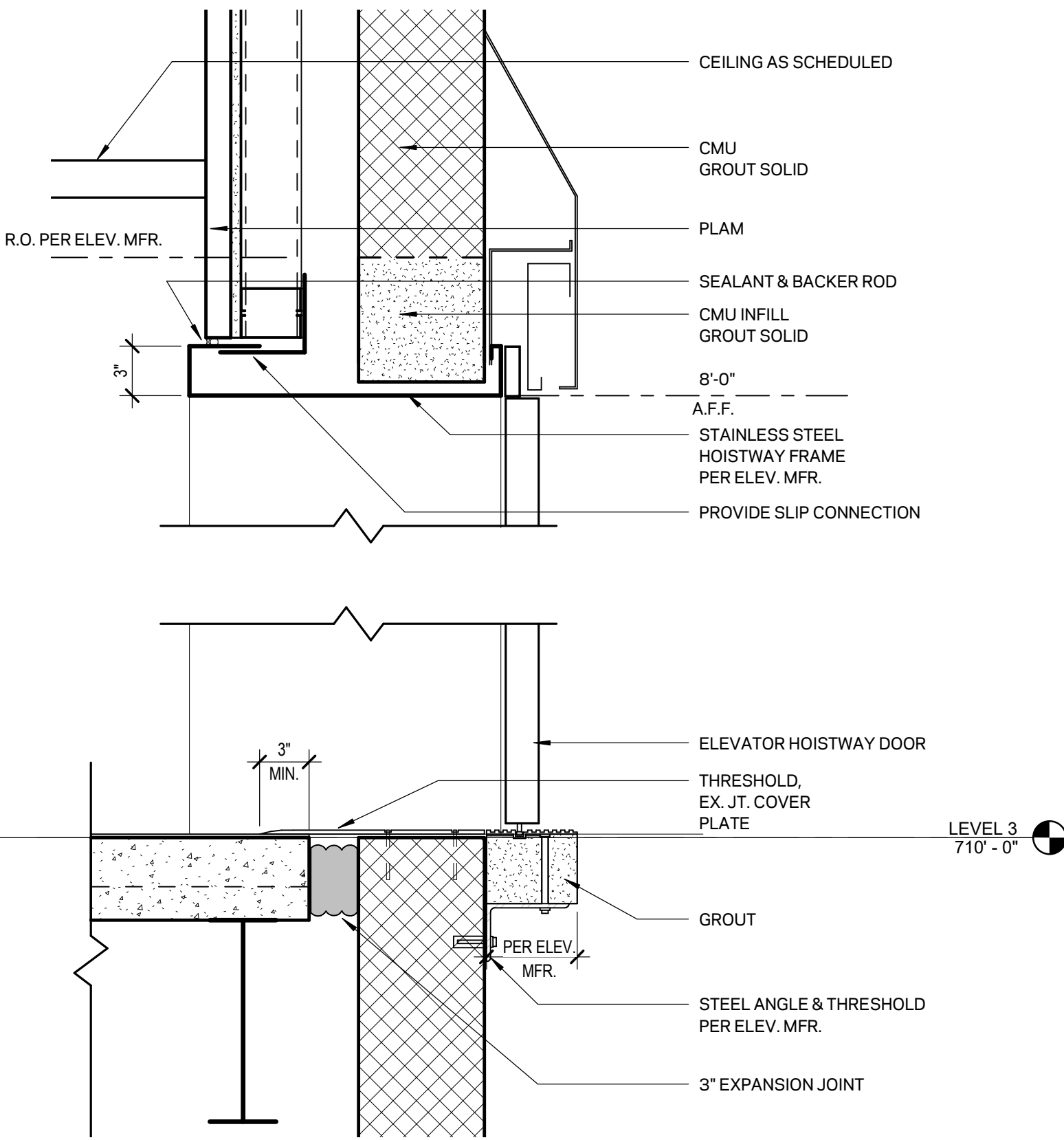
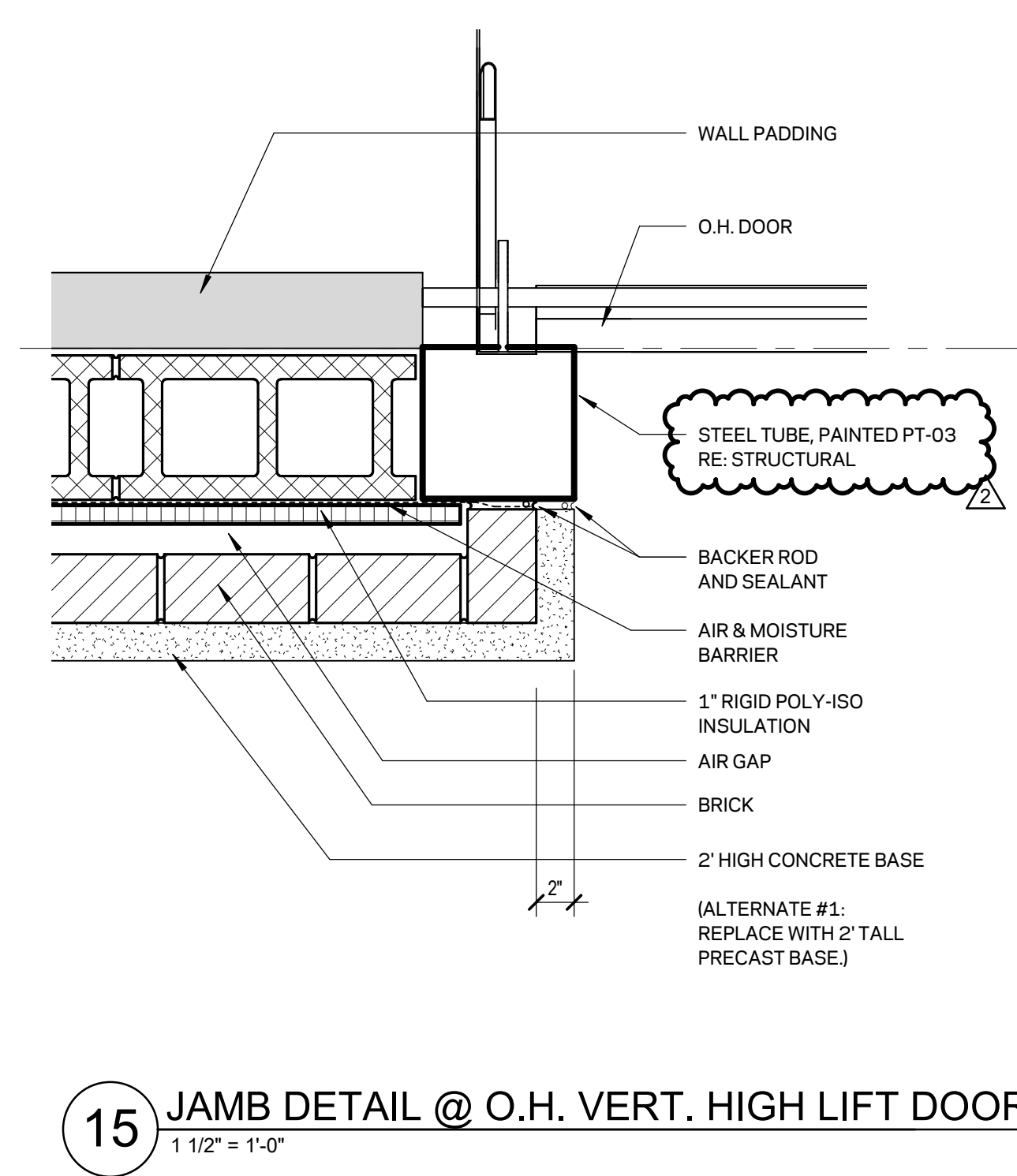
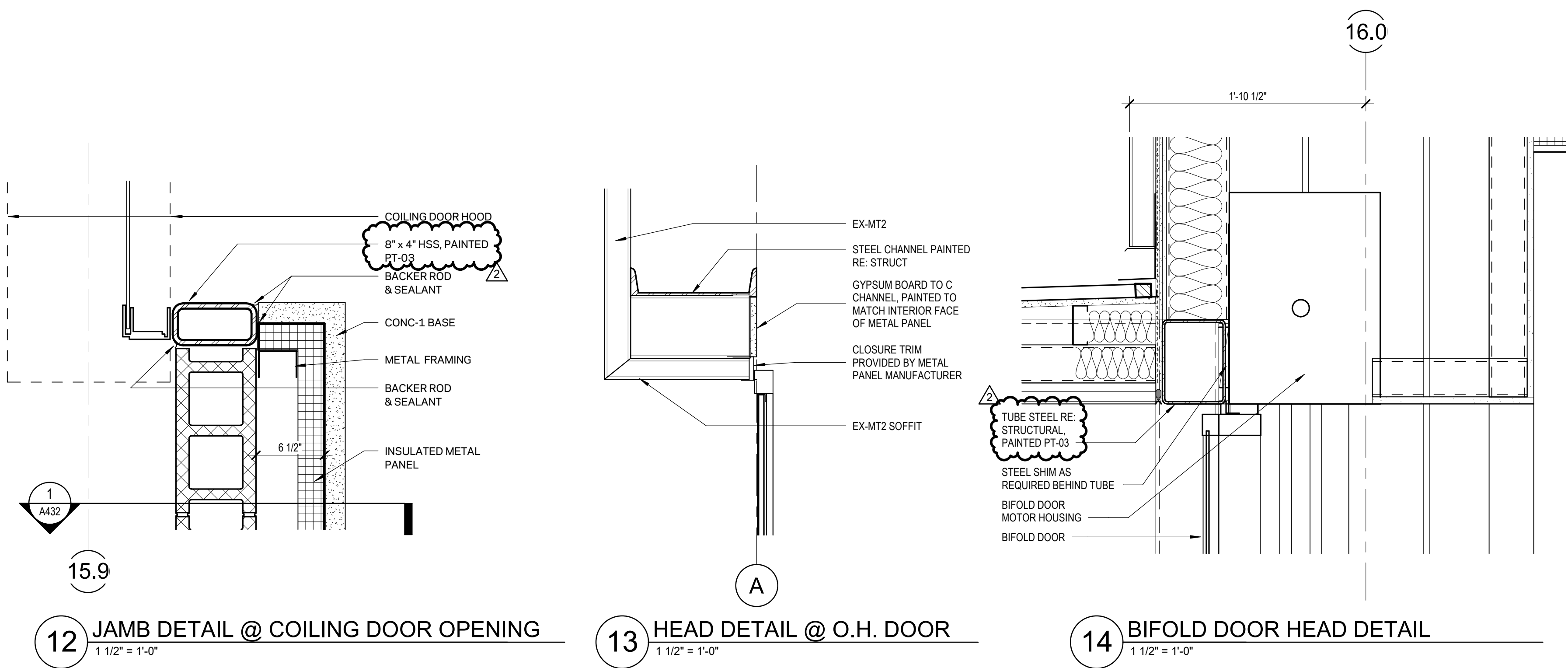
Issued For: BID DOCUMENTS  
Issued Date: 07/13/2021  
Project No: 20.70064.00

Sheet Title:  
**WATER MAIN  
PROFILES - 1**

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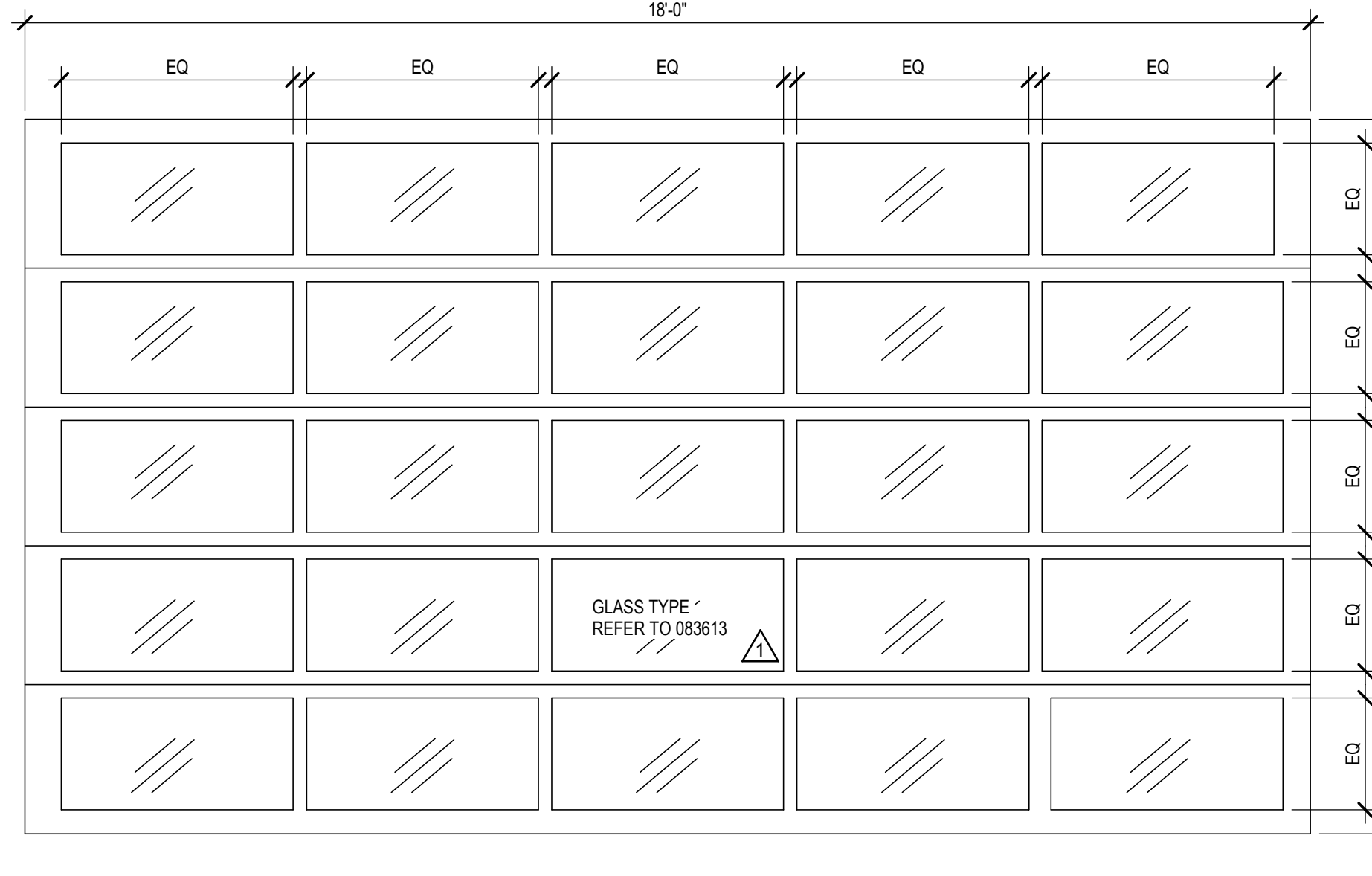
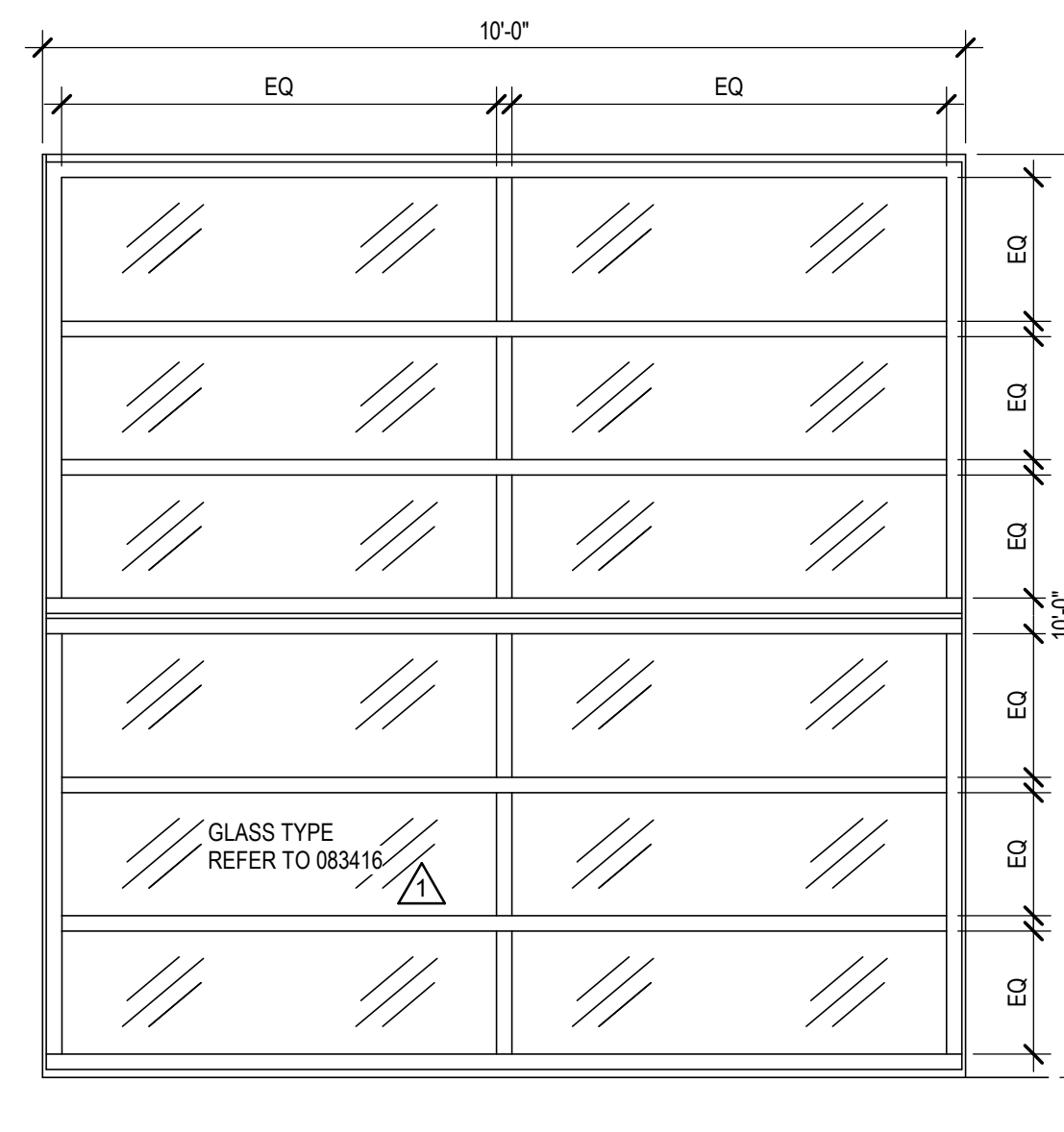
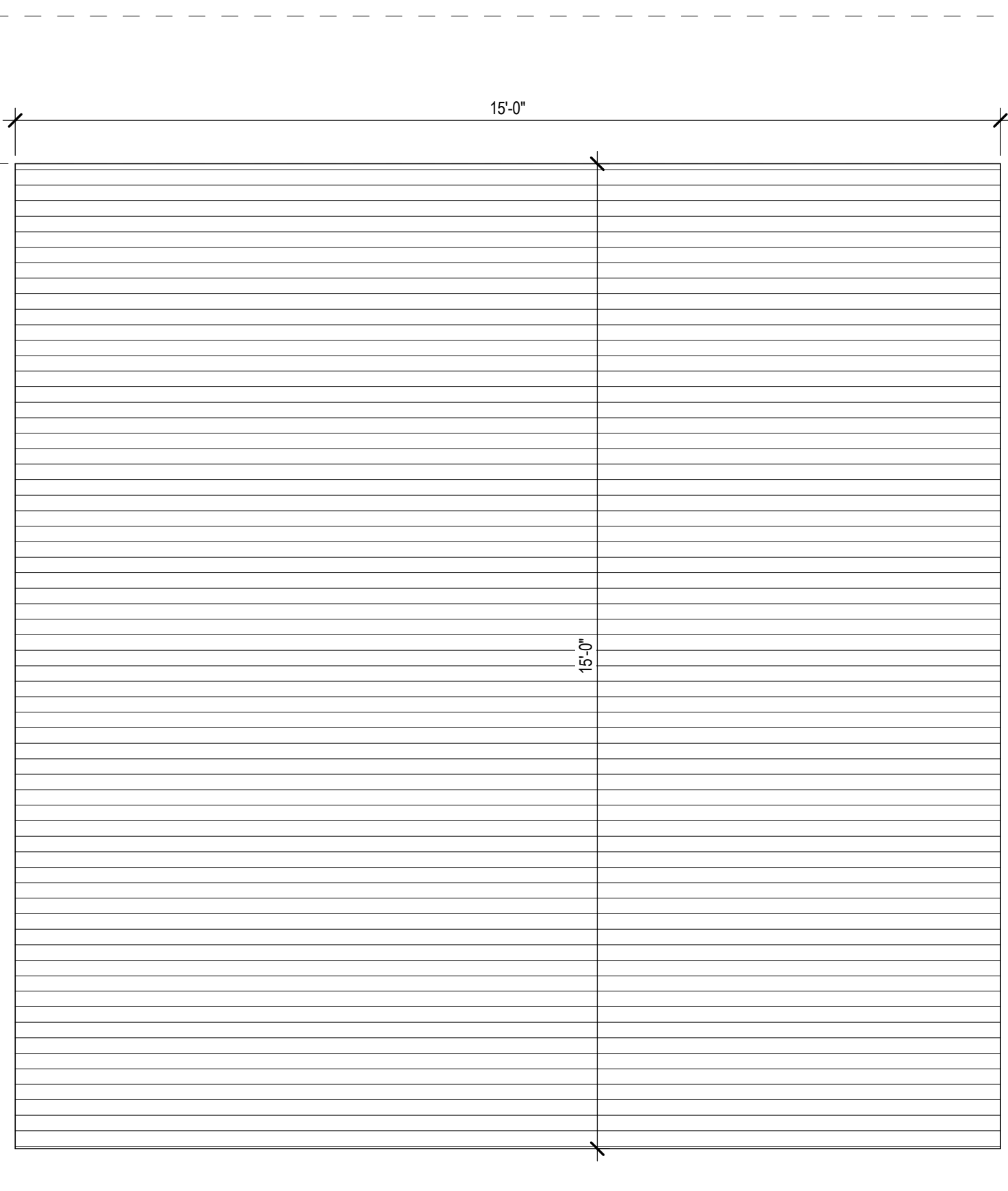
Sheet Number

**C431**



OPENING NUMBER	DOOR SCHEDULE (BASIC)											
	TYPE		DOOR PANELS			DIMENSIONS			DOOR FRAMES			COMMENTS
	PANEL 1	PANEL 2	MATERIAL	FINISH	PANEL 1	PANEL 2	HEIGHT	MATERIAL	FINISH	HEAD	JAMB	
LEVEL 1												
101-01	P.N.H.		SEE PRODUCT SPECIFICATION	BLACK GLASS	18'-0"	7'-0"	10'-0"			13A005	15A005	
101-02	P.N.L.B.1	P.N.L.B.1	HOLLOW METAL / GLASS	BLACK GLASS	3'-0"	3'-0"	7'-0"	HOLLOW METAL	BLACK	6A005	6A005	
101-03	P.N.H.		SEE PRODUCT SPECIFICATION	BLACK GLASS	18'-0"	7'-0"	10'-0"			13A005	15A005	
101-04	P.N.H.		SEE PRODUCT SPECIFICATION	BLACK GLASS	18'-0"	7'-0"	10'-0"			13A005	15A005	
101-05	P.N.L.B.1	P.N.L.B.1	HOLLOW METAL / GLASS	BLACK GLASS	3'-0"	3'-0"	7'-0"	HOLLOW METAL	BLACK	6A005	6A005	
101-06	P.N.L.B.1	P.N.L.B.1	HOLLOW METAL / GLASS	BLACK GLASS	3'-0"	3'-0"	7'-0"	HOLLOW METAL	BLACK	6A005	6A005	
101-07	P.N.H.		SEE PRODUCT SPECIFICATION	BLACK GLASS	18'-0"	7'-0"	10'-0"			13A005	15A005	
101-08	P.N.H.		SEE PRODUCT SPECIFICATION	BLACK GLASS	18'-0"	7'-0"	10'-0"			13A005	15A005	
101-09	P.N.L.B.1	P.N.L.B.1	HOLLOW METAL / GLASS	BLACK GLASS	3'-0"	3'-0"	7'-0"	HOLLOW METAL	BLACK	6A005	6A005	
101-10	P.N.H.		SEE PRODUCT SPECIFICATION	BLACK GLASS	18'-0"	7'-0"	10'-0"			13A005	15A005	
101-11	P.N.L.B.1	P.N.L.B.1	HOLLOW METAL / GLASS	BLACK GLASS	3'-0"	3'-0"	7'-0"	HOLLOW METAL	BLACK	6A005	6A005	
102	P.N.L.F.		PAINT - SEE FINISH LEGEND		3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	4A005	2A005	
103	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	4A005	2A005	
104	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	4A005	2A005	ADD FIELD PADDING TO DOOR PANEL
105	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	4A005	2A005	
106	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	4'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	3A005	1A005	ADD FIELD PADDING TO DOOR PANEL
107-1	P.N.L.G.S		SEE PRODUCT SPECIFICATION	MATCH EXM2	15'-0"	15'-0"				12005	12005	INSULATED EXTERIOR COILING DOOR
107-2	P.N.L.G.S		SEE PRODUCT SPECIFICATION	BLACK	15'-0"	15'-0"				12005	12005	NON-INSULATED INTERIOR COILING DOOR
107-3	P.N.L.F.		HOLLOW METAL	COLOR TO MATCH EXM2	3'-0"	7'-0"	7'-0"	HOLLOW METAL	COLOR TO MATCH EXM2	6A005	7A005	
107-4	P.N.L.F.		HOLLOW METAL	COLOR TO MATCH EXM2	3'-0"	7'-0"	7'-0"	HOLLOW METAL	COLOR TO MATCH EXM2	3A005	1A005	
108-1	P.N.L.F.		HOLLOW METAL	COLOR TO MATCH EXM2	3'-0"	7'-0"	7'-0"	HOLLOW METAL	COLOR TO MATCH EXM2	6A005	7A005	
108-2	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	3A005	1A005	ADD FIELD PADDING TO DOOR PANEL
109	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	3A005	1A005	ADD FIELD PADDING TO DOOR PANEL
110	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	3A005	1A005	2HR ADD FIELD PADDING TO DOOR PANEL
111	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	3A005	1A005	ADD FIELD PADDING TO DOOR PANEL
112-1	P.N.L.F.	P.N.L.F.	HOLLOW METAL	PAINT - SEE FINISH LEGEND	4'-0"	4'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	3A005	1A005	ADD FIELD PADDING TO DOOR PANEL
112-2	P.N.L.F.	P.N.L.F.	HOLLOW METAL	PAINT - SEE FINISH LEGEND	4'-0"	4'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	3A005	1A005	ADD FIELD PADDING TO DOOR PANEL
113	P.N.L.F.		HOLLOW METAL	COLOR TO MATCH EXM2	3'-0"	7'-0"	7'-0"	HOLLOW METAL	COLOR TO MATCH EXM2	6A005	7A005	
E010A	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	3A005	1A005	1HR
V101-1	P.N.L.B.1	P.N.L.B.1	ALUMINUM / GLASS	BLACK GLASS	3'-0"	3'-0"	8'-0"	ALUMINUM	BLACK / GLASS	14A005	3A001	DOORS WITHIN STOREFRONT SYSTEM. SEE A501 FOR UNIQUE JAMB DETAILS
V101-2	P.N.L.B.1	P.N.L.B.1	ALUMINUM / GLASS	BLACK GLASS	3'-0"	3'-0"	8'-0"	ALUMINUM	BLACK / GLASS	14A005	3A001	DOORS WITHIN STOREFRONT SYSTEM.
V101-3	P.N.L.G		SEE PRODUCT SPECIFICATION	BLACK / GLASS	10'-0"	10'-0"						
LEVEL 2												
201	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"			4A005	2A005	
LEVEL 3												
301	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	4A005	2A005	
302	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	4A005	2A005	
303	P.N.L.F.		HOLLOW METAL	PAINT - SEE FINISH LEGEND	3'-0"	7'-0"	7'-0"	HOLLOW METAL	PAINT - SEE FINISH LEGEND	4A005	2A005	
304-1	P.N.L.F.		HOLLOW METAL / GLASS	COLOR TO MATCH EXM2	3'-0"	7'-0"	7'-0"	HOLLOW METAL	COLOR TO MATCH EXM2	10A005	11A005	
304-2	P.N.L.F.		HOLLOW METAL / GLASS	COLOR TO MATCH EXM2	3'-0"	7'-0"	7'-0"	HOLLOW METAL	COLOR TO MATCH EXM2	10A005	11A005	
C301-1	P.N.L.B.1	P.N.L.B.1	ALUMINUM / GLASS	BLACK GLASS	3'-0"	3'-0"	8'-0"	ALUMINUM	BLACK / GLASS			DOOR WITHIN STOREFRONT SYSTEM.
C301-2	P.N.L.B.1	P.N.L.B.1	ALUMINUM / GLASS	BLACK GLASS	3'-0"	3'-0"	8'-0"	ALUMINUM	BLACK / GLASS			DOORS WITHIN STOREFRONT SYSTEM.
V100-1	P.N.L.B.1	P.N.L.B.1	ALUMINUM / GLASS	BLACK GLASS	3'-0"	3'-0"	8'-0"	ALUMINUM	BLACK / GLASS			DOORS WITHIN STOREFRONT SYSTEM.
V100-2	P.N.L.B.1	P.N.L.B.1	ALUMINUM / GLASS	BLACK GLASS	3'-0"	3'-0"	8'-0"	ALUMINUM	BLACK / GLASS			DOORS WITHIN STOREFRONT SYSTEM.
TOS ROOF 3												
R/R 2												
T/O ROOF												
R/R 1												

REFER TO SPECIFICATION 087.100 FOR CORRESPONDING DOOR HARDWARE INFORMATION  
ANY EXPOSED UNFINISHED STEEL TO BE PAINTED PER THE EXTERIOR PAINTING SPECIFICATION 099.113



**CP210981 New Indoor Practice Facility**

**UNIVERSITY OF MISSOURI - COLUMBIA**  
FOR THE CURATORS OF THE UNIVERSITY OF MISSOURI

1200 S. Providence Rd. Columbia, MO 65201

h+k

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t. 913.318.8488

Irrigation:  
**Ecosystems**  
2312 SW Watergarden Drive  
Lee Summit, MO 64081  
t. 816.210.6598

Professional Seals

No. | Description | Date

1	Issued For Bid	07/26/2021
2	Issued For Bid	08/05/2021
3	Issued For Bid	07/13/2021
4	Issued For Bid	08/05/2021

Issued For: BID DOCUMENTS  
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Project No.: 20-70662.00  
Sheet Title

**DOOR SCHEDULE AND DETAILS**

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Sheet Number

**A005**



Project  
CP210981 New Indoor  
Practice Facility

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Structural:  
THORNTON TOMASETTI  
2323 Grand Blvd., Suite 900  
Kansas City, Missouri 64108  
m: 816.221.7771

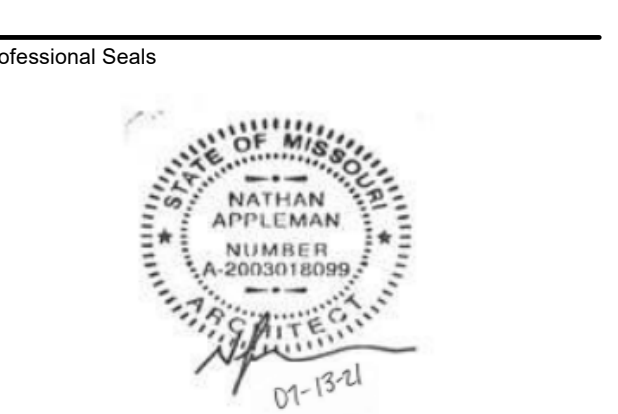
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Kansas City, MO 64108  
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Landscape:  
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331 W. 22nd Street  
Kansas City, MO 64108  
t: 816.472.3360

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Studio DB  
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Overland Park, KS 66207  
m: 816.931.5426

Field Consultant:  
Kimley-Horn  
1829 Walnut Street, Suite 06-100  
Kansas City, MO 64108  
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2812 SW Whittiergarden Drive  
Lee Summit, MO 64081  
m: 816.210.6398



No.	Description	Date
1	Addendum 02	07/29/2021
2	Addendum 03	08/05/2021

No.	Description	Date
1	Addendum 02	07/29/2021
2	Addendum 03	08/05/2021

Issued For: BID DOCUMENTS  
Issued Date: 07.13.2021  
Project No.: 20-700642.00  
Sheet Title:

ELEVATIONS

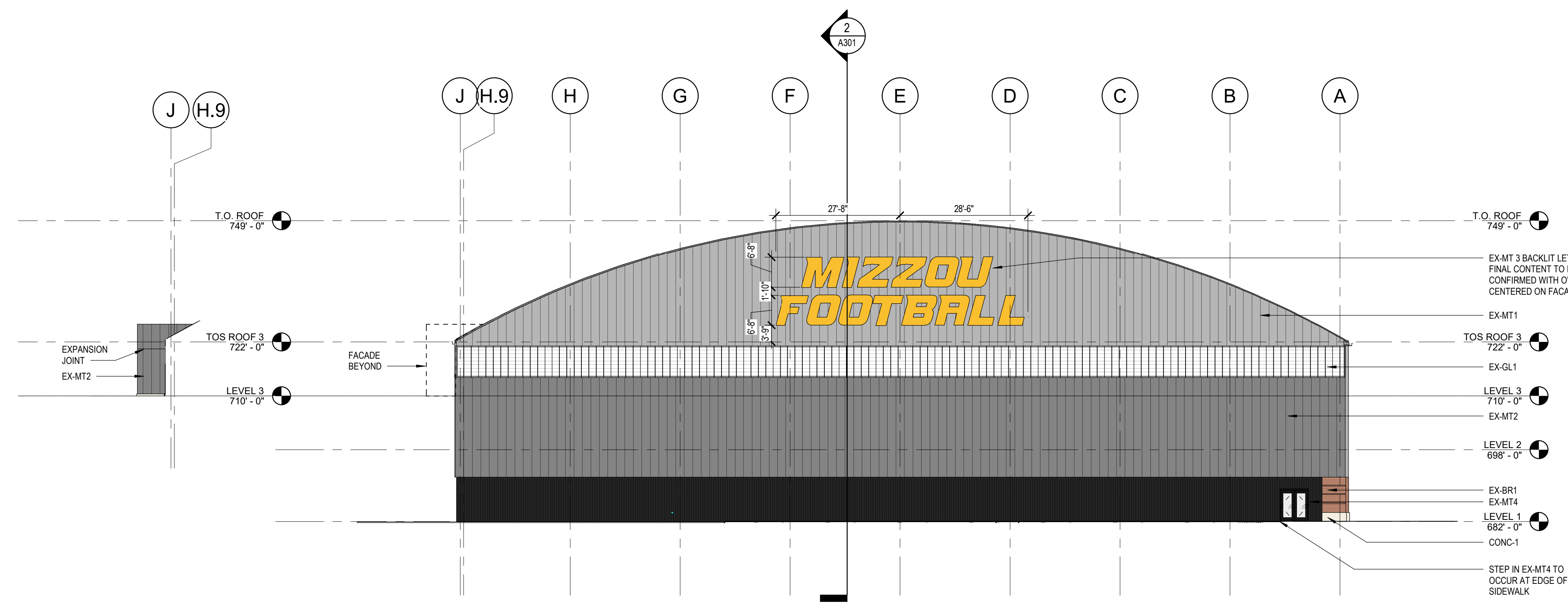
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### EXTERIOR MATERIAL LEGEND

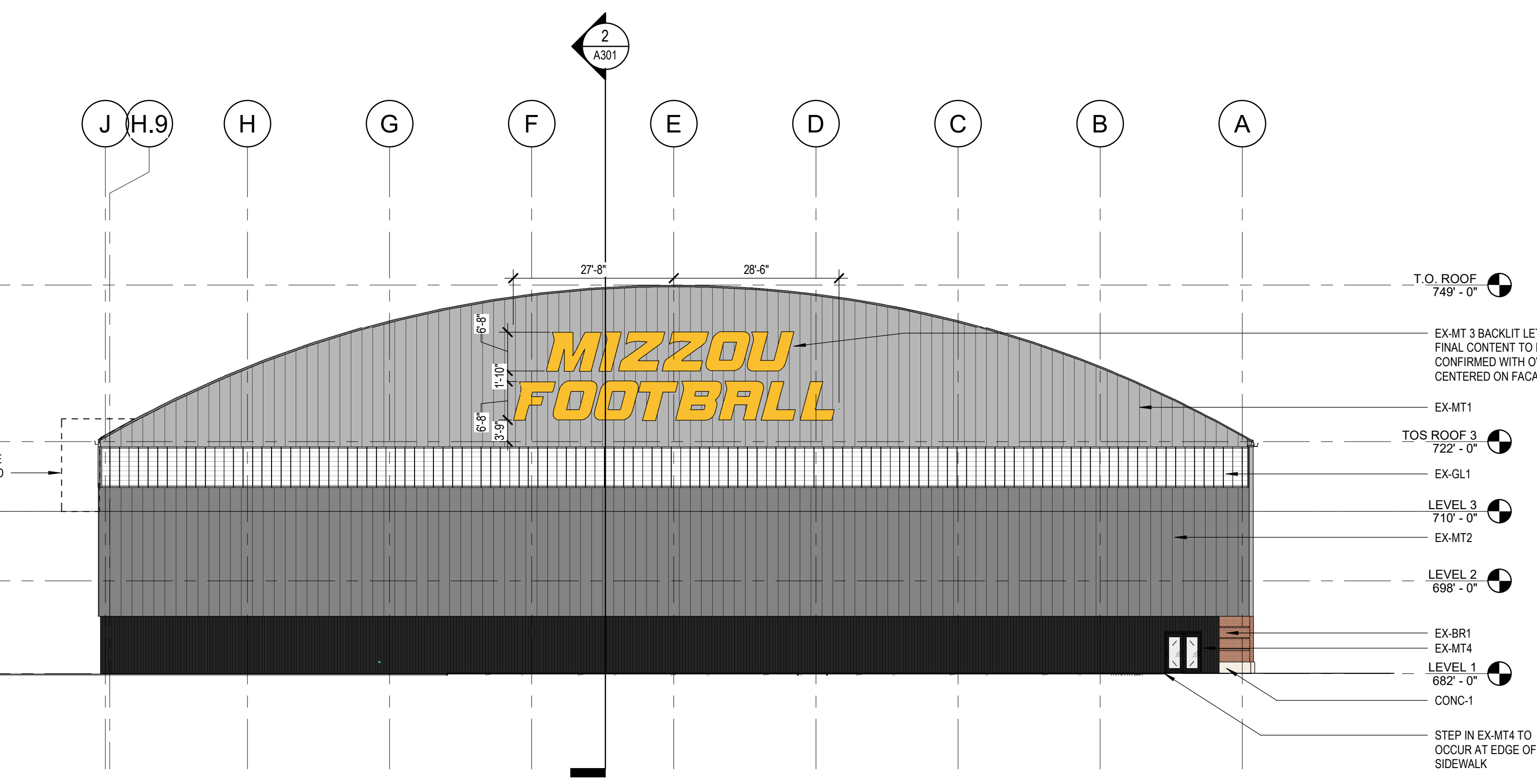
CONC-1 CONCRETE STEM WALL BASE, RUBBED FINISH  
ALTERNATE 1: CAST STONE MASONRY BASE IN ALL CONC-1 LOCATIONS, T/C CONC 1 = 684'-0". CAST IN PLACE  
CONCRETE STEM WALL WILL BE DELETED TO TYPING. SEE SHEET 9415

EX-MT1 INSULATED METAL PANEL (COLOR: XL SILVER GRAY) INTERIOR FACE OF PANEL: PREFINISHED, COLOR: IGL00 WHITE  
EX-MT2 INSULATED METAL PANEL (COLOR: XL MEDIUM GRAY) INTERIOR FACE OF PANEL: PREFINISHED, COLOR: IGL00 WHITE  
EX-MT3 GOLD METAL PANEL (COLOR TO MATCH UNIVERSITY STANDARDS) SIGNAGE LOCATIONS ONLY  
EX-MT4 INSULATED METAL PANEL (COLOR: RICH BLACK)

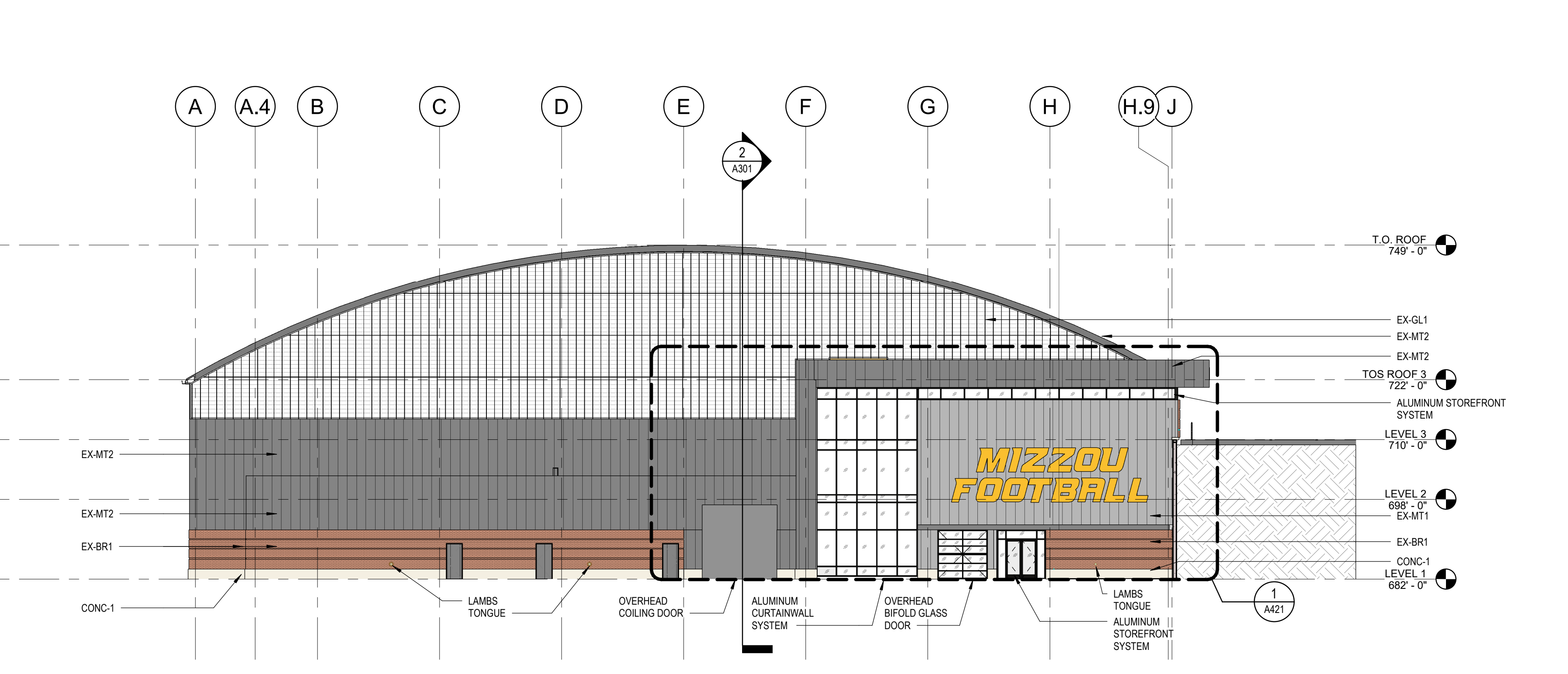
EX-GL1 TRANSLUCENT PANELS  
EX-GL2 INSULATED GLAZED UNIT, SEE A421 FOR TEMPERED LOCATIONS  
EX-GL3 FRITTED INSULATED GLAZED UNIT  
EX-BR1 BRICK FACADE WITH CUT OF PLANE BRICK BANDING EVERY 2'  
EX-SS1 STANDING SEAM METAL ROOF SYSTEM  
PREFINISHED METAL GUTTERS AND DOWNSPOUTS, COLOR TO MATCH EX-MT2  
TYP: GUTTER, MIN 7" X 7", TYP: DOWNSPOUT, MIN 5" X 5"



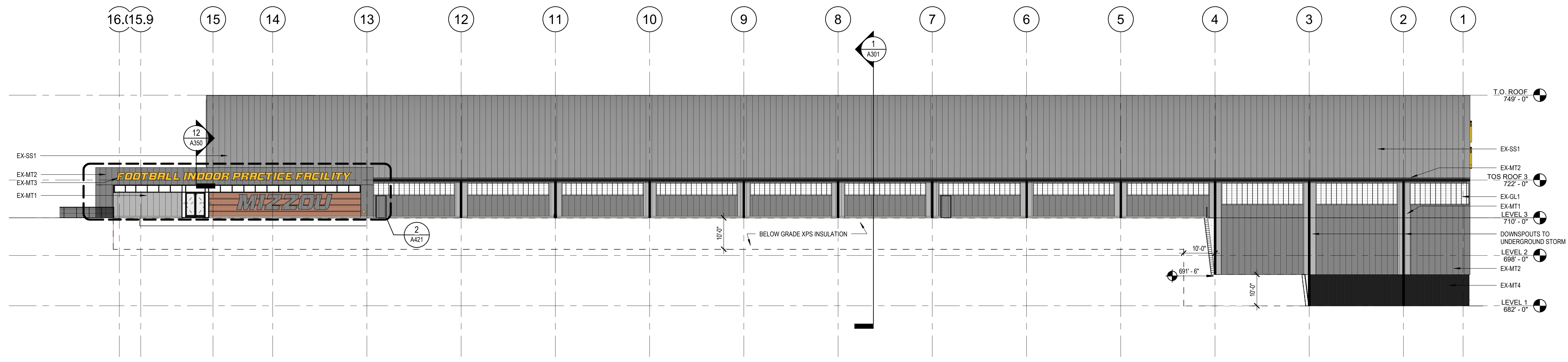
6 SOUTH ELEVATION - BUMP OUT  
1/16" = 1'-0"



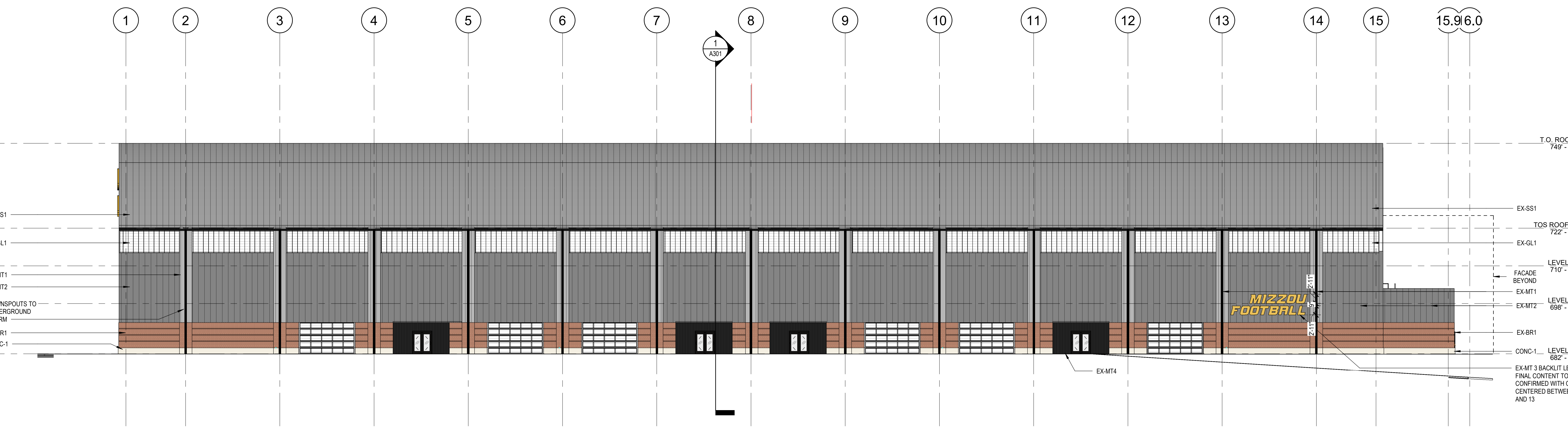
5 SOUTH ELEVATION  
1/16" = 1'-0"



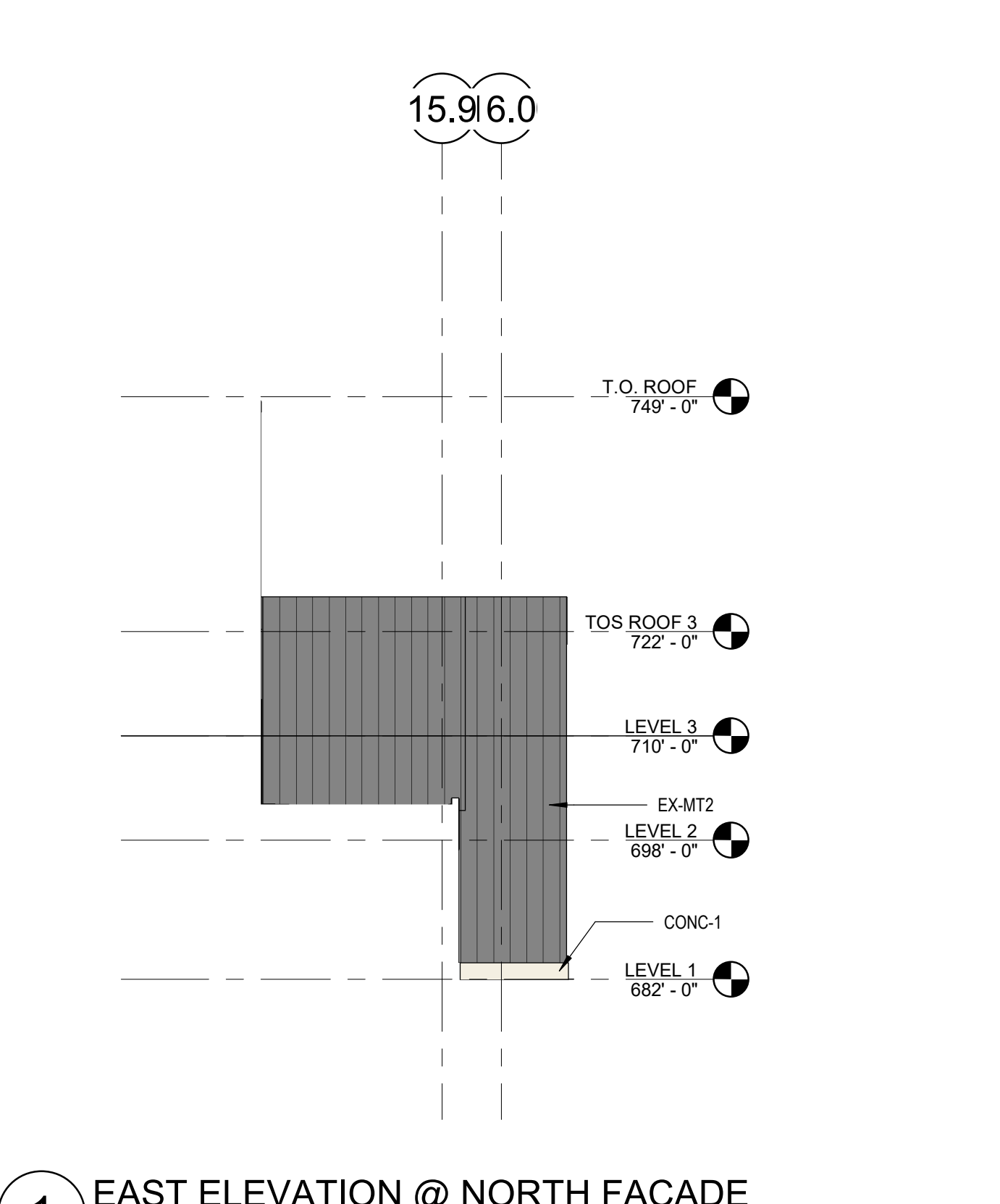
4 NORTH ELEVATION  
1/16" = 1'-0"



3 WEST ELEVATION  
1/16" = 1'-0"



2 EAST ELEVATION  
1/16" = 1'-0"



1 EAST ELEVATION @ NORTH FACADE  
1/16" = 1'-0"



Project  
CP210981 New Indoor  
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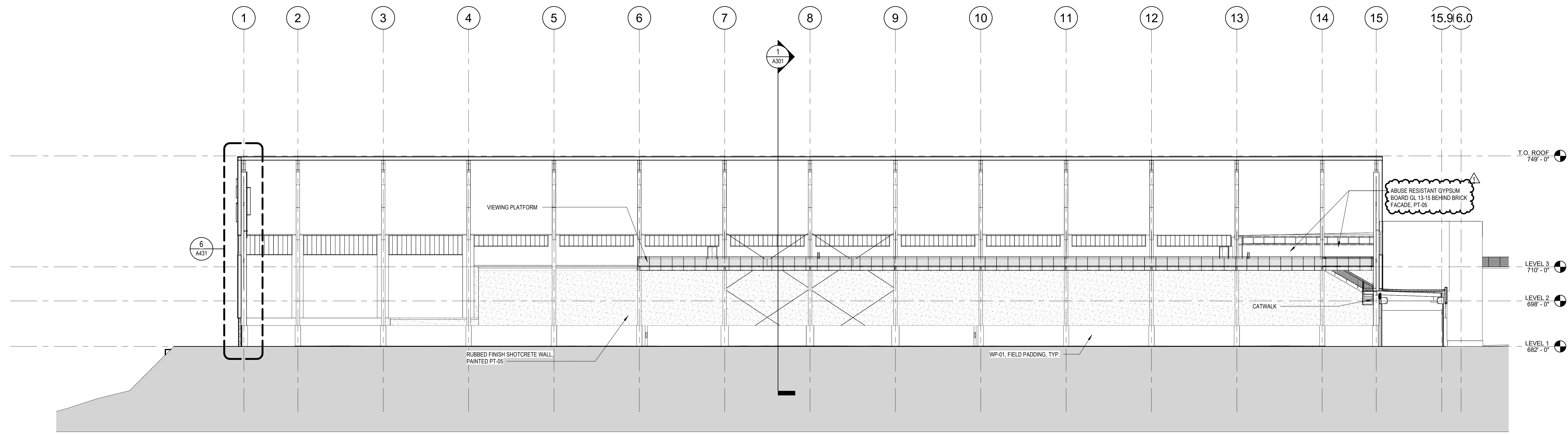
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Landscape:  
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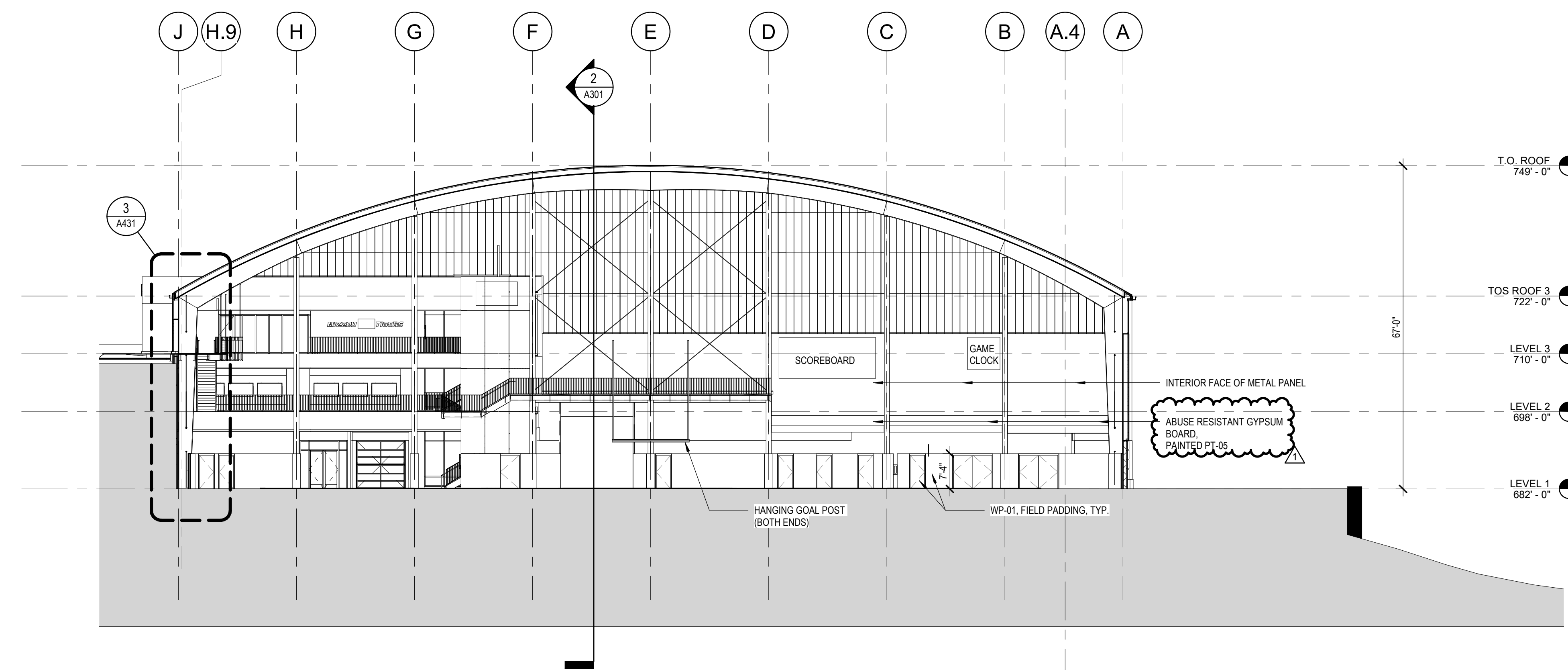
Door Hardware:  
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5800 W. 95th Street, Suite 216  
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Irrigation:  
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2 NORTH SOUTH SECTION  
1/16" = 1'-0"



1 EAST WEST SECTION  
1/16" = 1'-0"

Professional Seal



No.	Description	Date
1	Addendum 03	08/05/2021

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BUILDING SECTIONS

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Sheet Number

A301





Project  
CP210981 New Indoor  
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SECURITY: HENDERSON ENGINEERS  
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Landscape: HOK  
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Kansas City, MO 64108  
t. 816 472 3360

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Kansas City, MO 64108  
t. 913 318 8488

Irrigation:  
Ecosystems  
2012 SW Wintergarden Drive  
Lee Summit, MO 64081  
t. 816 210 6598

Professional Seals



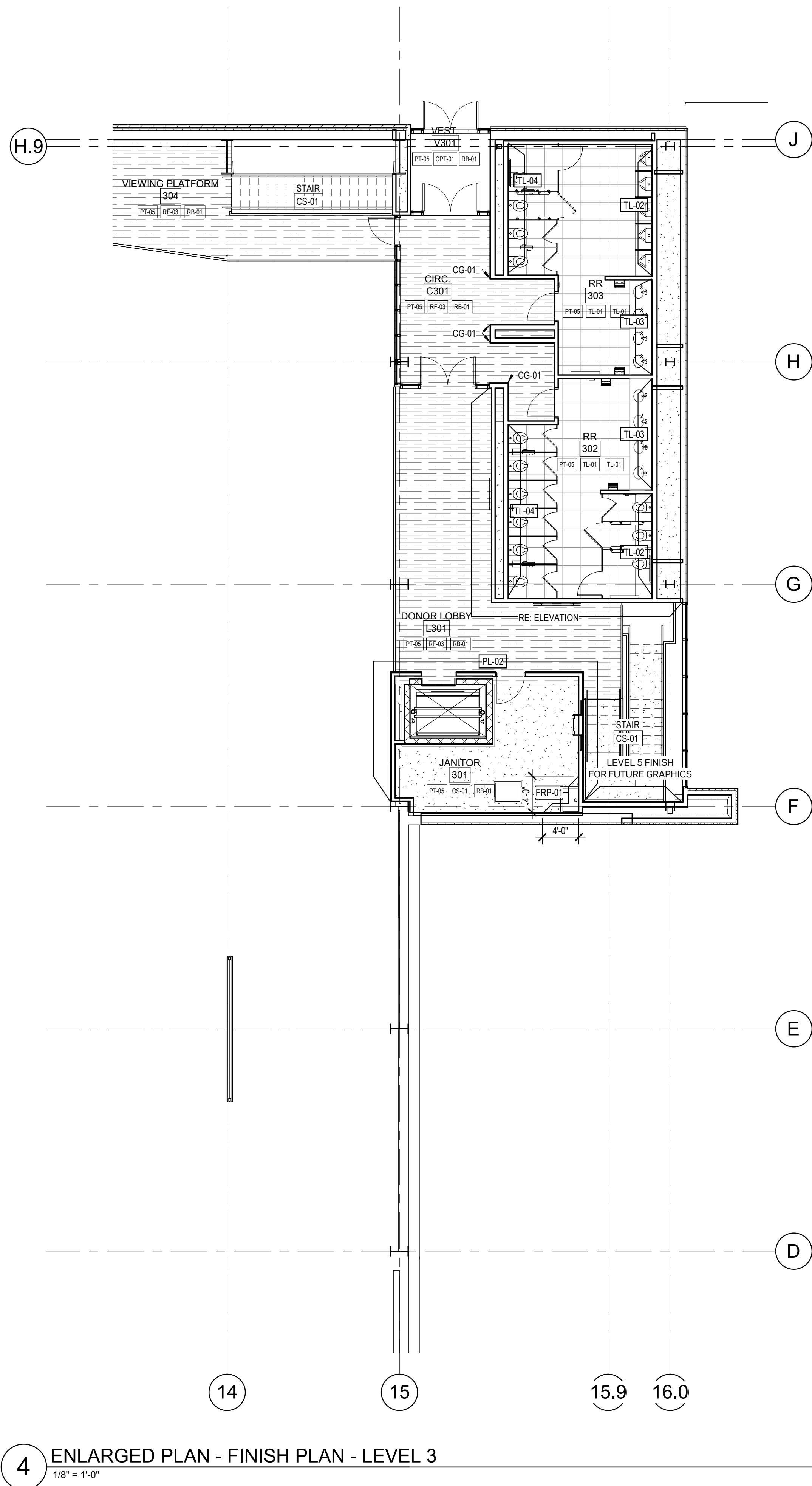
No.	Description	Date
1	Addendum 03	08/09/2021

Issued For: BID DOCUMENTS  
Issued Date: 07 13 2021  
Project No.: 20 700642 00  
Sheet Title:

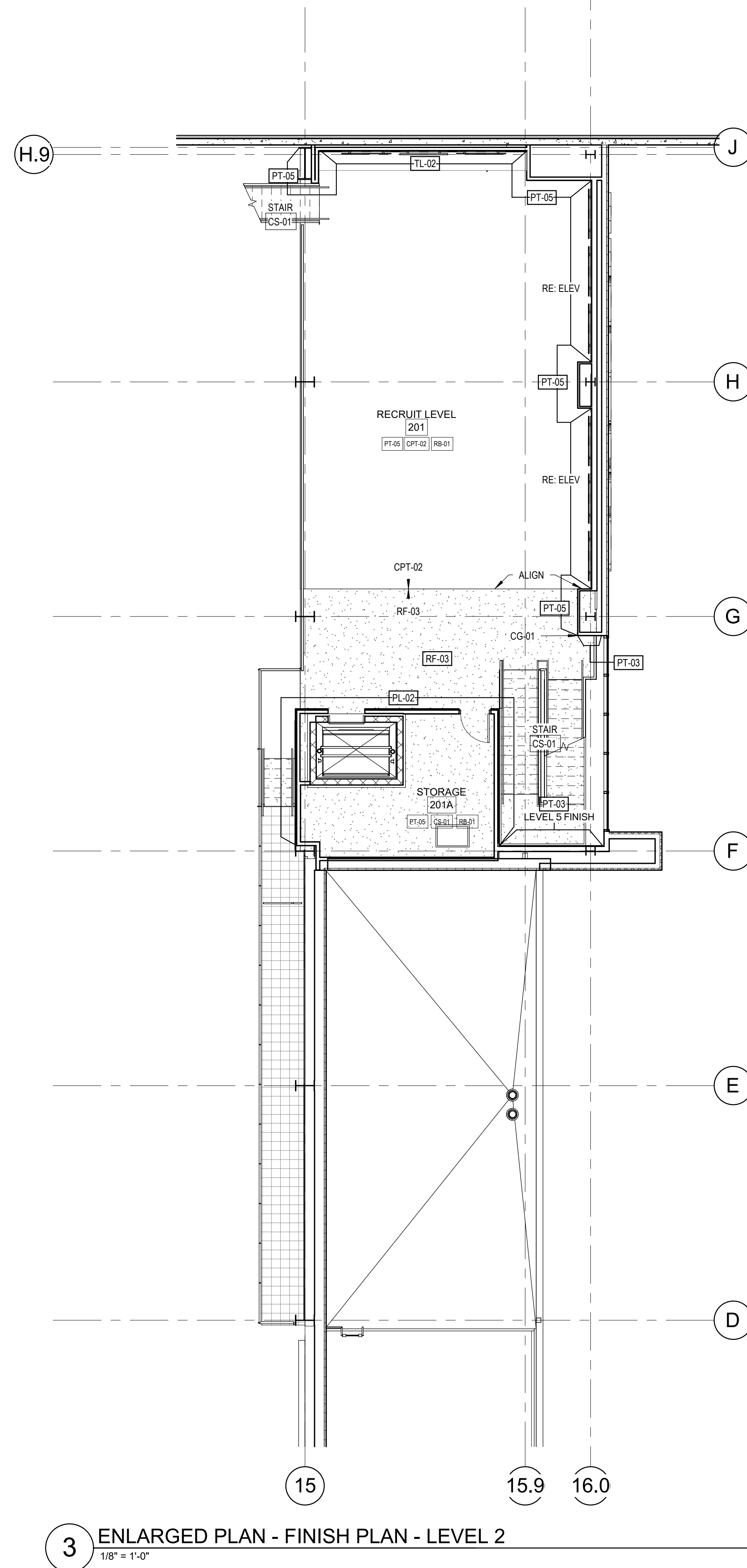
ENLARGED FINISH  
PLANS

Original is 48" x 36". Do not scale contents of this drawing.  
Sheet Number

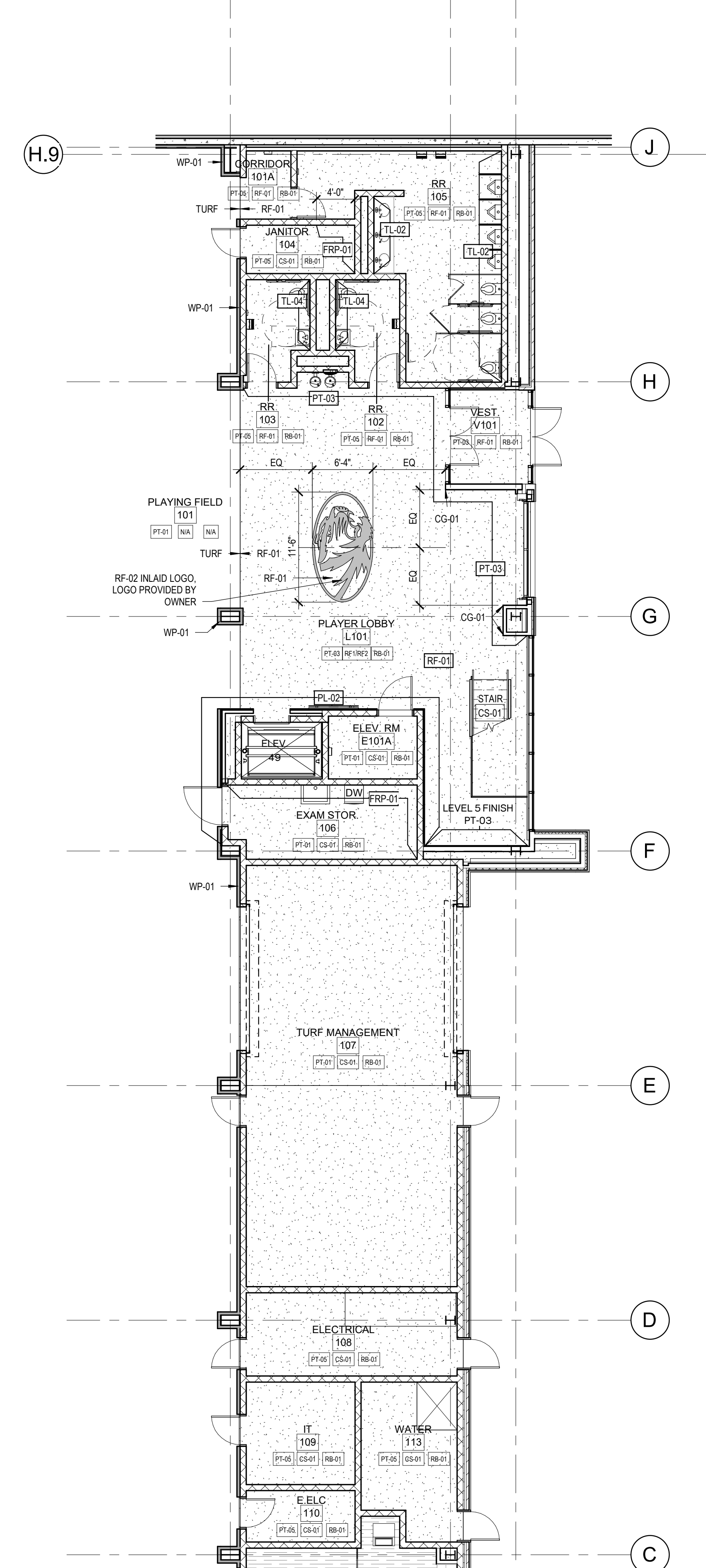
A451



4 ENLARGED PLAN - FINISH PLAN - LEVEL 3  
1/8" = 1'-0"



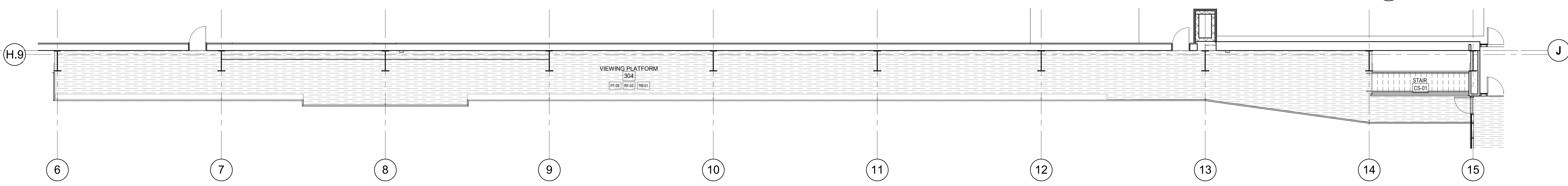
3 ENLARGED PLAN - FINISH PLAN - LEVEL 2  
1/8" = 1'-0"



2 ENLARGED PLAN - FINISH PLAN - LEVEL 1  
1/8" = 1'-0"

Designation	Description	Reference	BOD Mfr	Basis-of-Design Product/Options
AC-01	Acoustic & Specialty Ceilings	095113	Armstrong	OPTIMA, COLOR: WHITE, SIZE: 24X24 W/ TEGULAR EDGE, PRELUDE XL 1516" GRID, WHITE
CC-01	Acoustical Panel Ceiling	095113	Armstrong	OPTIMA, COLOR: WHITE, SIZE: 24X24 W/ TEGULAR EDGE, PRELUDE XL 1516" GRID, WHITE
CG-01	Corner Guards	102600	Tarkett	Surface Mounted, BLNCase 16128N, 2" Legs, Floor to Ceiling Height, At Exposed Ceilings Height To Be Floor to 8'-0", Color: To Match Adjacent Walls, Architect to select from manufacturers full line
CS-01	Concrete Floor Sealers & Stains	096113	Kent	Sealed concrete per specifications
CPT-01	Concrete Floor Sealer	096113	Kent	Sealed concrete per specifications
CPT-02	Tile Carpet	096813	Shaw Contract	STEPPIN OUT, BOW JOUR II FT02, COLOR: EBONY 31500
CPT-03	Tile Carpet	096813	Bentley Mills	CHRONICLE 60X63 TILE, COLOR: EDIT 60126, SIZE: 18X18, INSTALL: MONOLITHIC
FRP-01	Fiberglass Reinforced Panels	096400	Maritec	Standard Pebble, Color: White, Size: 4' x 8', 4'-0" AFF, UON
MTL-01	Decorative Metal	057000	McNichols	Mesh - McNichols Round perforated 3/32" round on 3/16" staggered panel or equal. Painted per drawings
PL-01	Plastic-Laminate	Multiple	Wilsonart	NEOWALNUT 7991-38
PL-02	Plastic-Laminate	Multiple	Formica	CUSTOM 02895498 FINISH: GLOSS, GRADE: 10 STANDARD
PL-03	Plastic-Laminate	Multiple	Wilsonart	BLACK VELVET 15505
PP-01	Phenolic	102113 17	Bradley	Floor Mounted, Color: to match woodgrain laminate PL-01, Height: 72" H doors and panels mounted 12" AFF
PT-01	Paint Color	Multiple	Sherrin Williams	COLOR: PURE WHITE 7005
PT-02	Paint Color	Multiple	Sherrin Williams	COLOR: AFRICAN GREY 9162
PT-03	Paint Color	Multiple	Sherrin Williams	COLOR: BLACK MAGIC 8991
PT-04	Paint Color	Multiple	Sherrin Williams	CUSTOM COLOR TO MATCH PANTONE 124
PT-05	Paint Color	Multiple	Sherrin Williams	COLOR: NEBULOUS WHITE SW 7063
RB-01	Resilient Base & Accessories	096513	Tarkett	JOHNSONITE, 4" COVE BASE, WITH YOE, COLOR: 40 BLACK B
RF-01	Resilient Athletic Flooring	096536	MONDO	SPORT IMPACT, 6MM, COLOR: BLACK
RF-02	Resilient Athletic Flooring	096536	MONDO	SPORT IMPACT, 6MM, COLOR: DARK GREY
RF-03	Resilient Athletic Flooring	096536	MOULEND WOODS	COLOR: TONSTY 855, INSTALL: STAGGERED
RF-04	Resilient Athletic Flooring	096536	EOCORE	FOREST FX 9822, COLOR: TOASTED OAK 7MM, ROLL
SSM-01	Quartz Agglomerate Countertop	123661 19	DuPont Zodiac	SNOW WHITE, 2CM
SSM-02	Quartz Agglomerate Countertop	123661 19	LG Heavys	WATERA, COLOR: TENDR, 2CM
SSM-03	Quartz Agglomerate Countertop	123661 19	CaesarsStone	COLOR: VANILLA ROSE, 2CM
TL-01	Porcelain Tile	090013	Dallie	VOLUME 110 COLOR: INTENSITY PEBBLE 73, 12X24, FINISH: MATTE, TILE COVE BASE: P36C9 6X12, GROUT: ARCHITECT TO PICK FROM FULL MANUFACTURER OPTIONS
TL-02	Ceramic Tile	090013	Mosa Muralis	CHANGE: 6X12, COLOR: 34500, GROUT: ARCHITECT TO PICK FROM FULL MANUFACTURER OPTIONS UP TO 8' - 0" AFF
TL-03	Ceramic Tile	090013	Inferoceram	INTERGLASS, 6X12, FINISH: ROUND MOSAIC, 12X12", AT EXPOSED EDGES USE SCHLUTER, JOLLY, COLOR: AGRS, GROUT: ARCHITECT TO PICK FROM FULL MANUFACTURER OPTIONS
TL-04	Ceramic Tile	090013	Mosa Muralis	CHANGE: 6X12, COLOR: 34580, HEIGHT: FULL WALL HEIGHT, AT EXPOSED EDGES USE SCHLUTER, JOLLY, COLOR: AGRS, GROUT: ARCHITECT TO PICK FROM FULL MANUFACTURER OPTIONS
WT-01	Window Treatment	102123	Knoell Textiles	MAINFRAME, W17935, COLOR: WIRED
WP-01	Wall Pads	116623 31	Sports Venue Padding	Size: 2'-0" x 4'-0", Color: Black with custom printed graphics

GENERAL NOTES:  
1. REFER TO PROJECT MANUAL SPECIFICATIONS FOR OTHER ACCEPTABLE MANUFACTURERS AND PRODUCTS COMPARABLE TO THOSE LISTED IN THE FINISH LEGEND  
2. GROUT COLORS TO BE SELECTED FROM FULL RANGE AND VERIFIED BY ARCHITECT  
3. REFER TO FINISH TRANSITION SHEET FOR TYPICAL FINISH TRANSITION AND TERMINATION CONDITIONS  
4. WHERE FLOORING TYPES TRANSITION AT DOOR, CENTER TRANSITION UNDER DOOR LEAF, U.O.N.  
5. DO NOT PAINT SPRINKLER HEADS  
6. ALL EXPOSED STEEL AT CANTILEVER STAIR, FLOORING OPENINGS, TO BE PAINTED SEMI-GLOSS, PT-06, U.O.N.  
7. SEE SPECIFICATION FOR PAINT SCHEDULE FOR TYPES OF PAINT SYSTEMS AND LOCATIONS TO APPLY SPECIFIC SYSTEM  
8. ALL WALLS TO BE PAINTED PT-06, EGGSHELL, U.O.N.  
9. ALL GYPSUM BOARD CEILINGS TO BE PAINTED PT-01, U.O.N.  
10. ALL VERTICAL SOFFIT FACES TO BE PAINTED TO MATCH ADJACENT WALL COLOR, U.O.N.  
11. ALL SEE WALL DIFFUSERS TO BE PAINTED TO MATCH ADJACENT WALL COLOR, U.O.N.  
12. ALL PAINT IN RESTROOMS AND CUSTODIAL CLOSETS TO BE EPOXY, U.O.N.  
13. REFER TO ADD FOR PAINT COLOR AT EXPOSED STEEL AT STAIRS, PAINTED SEMI-GLOSS, COLOR: RE: STAIR SECTIONS  
14. ALL HOLLOW METAL DOORS & FRAMES (INCLUDING DOORS ADJACENT TO WP-91 WALL PADS), PAINTED SEMI-GLOSS PT-03, U.O.N. HOLLOW METAL DOORS & FRAMES AT PL-02 WALL FINISH PAINT SEMI-GLOSS PT-04  
15. AT LOCATIONS NOTED AS FRAMED, ALL EXPOSED ROOF DECKING, FLOOR DECKING, MEP STRUCTURE TO BE PAINTED PT-06, U.O.N.  
16. PLASTIC LAMINATE MILLWORK TO HAVE 3MM PVC EDGE-BANDING TO MATCH PLASTIC LAMINATE ON ALL EXPOSED EDGES.  
17. LEVEL 6 FINISH PAINT REQUIRED ON WALLS AS INDICATED  
18. GROUT TO BE EPOXY AT ALL WET AREAS, U.O.N.  
19. COORDINATE FINAL CORNERGUARD PLACEMENT AND COLOR WITH GRAPHICS WHERE APPLICABLE  
20. INTERIOR RAILINGS AND GUARDRAILS TO BE PAINTED SEMI-GLOSS, PT-02, U.O.N. EXTERIOR RAILINGS TO BE PAINTED PT-03  
21. ALL O.N. SPOKETE, EXPOSED STEEL, AND STRUCTURE AT FIELD TO BE PAINTED PT-06, U.O.N.  
22. ALL GYPSUM WALL BOARD IN THE PLAYING FIELD AREA TO BE ABUSE RESISTANT.



1 ENLARGED PLAN - FINISH PLAN - LEVEL 4  
1/8" = 1'-0"

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Project  
CP210981 New Indoor  
Practice Facility

UNIVERSITY OF  
MISSOURI - COLUMBIA  
FOR THE CURATORS OF  
THE UNIVERSITY OF  
MISSOURI

1200 S. Providence Rd. Columbia, MO  
65201



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t. 913.722.3473

Structural:  
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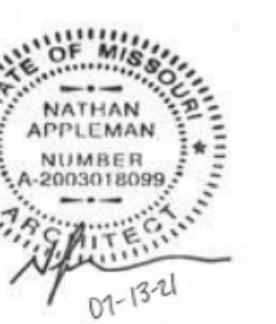
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Field Consultant:  
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Ecosystems  
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Professional Seals



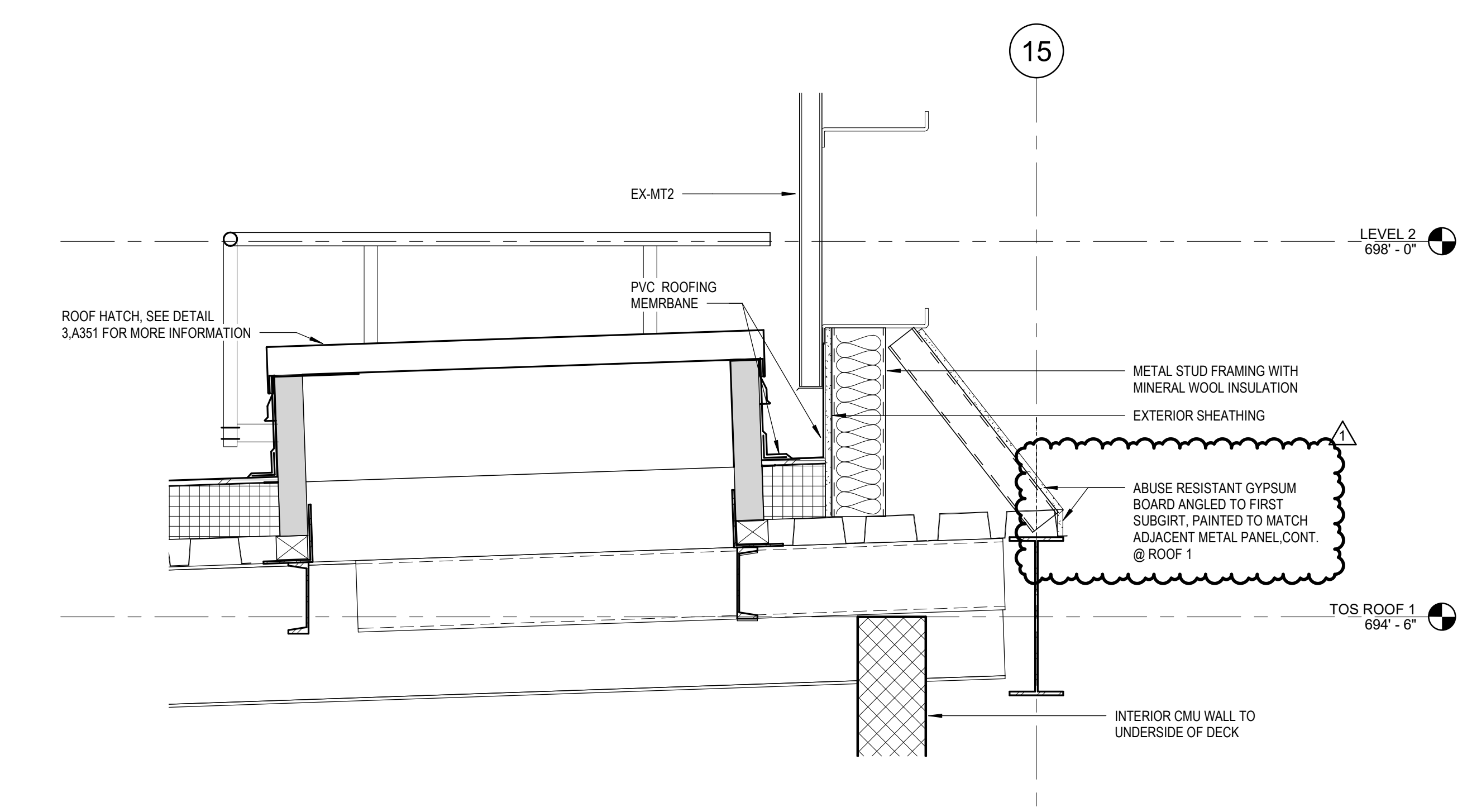
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Issued Date: 07.13.2021  
Project No.: 20-700642.00  
Sheet Title:

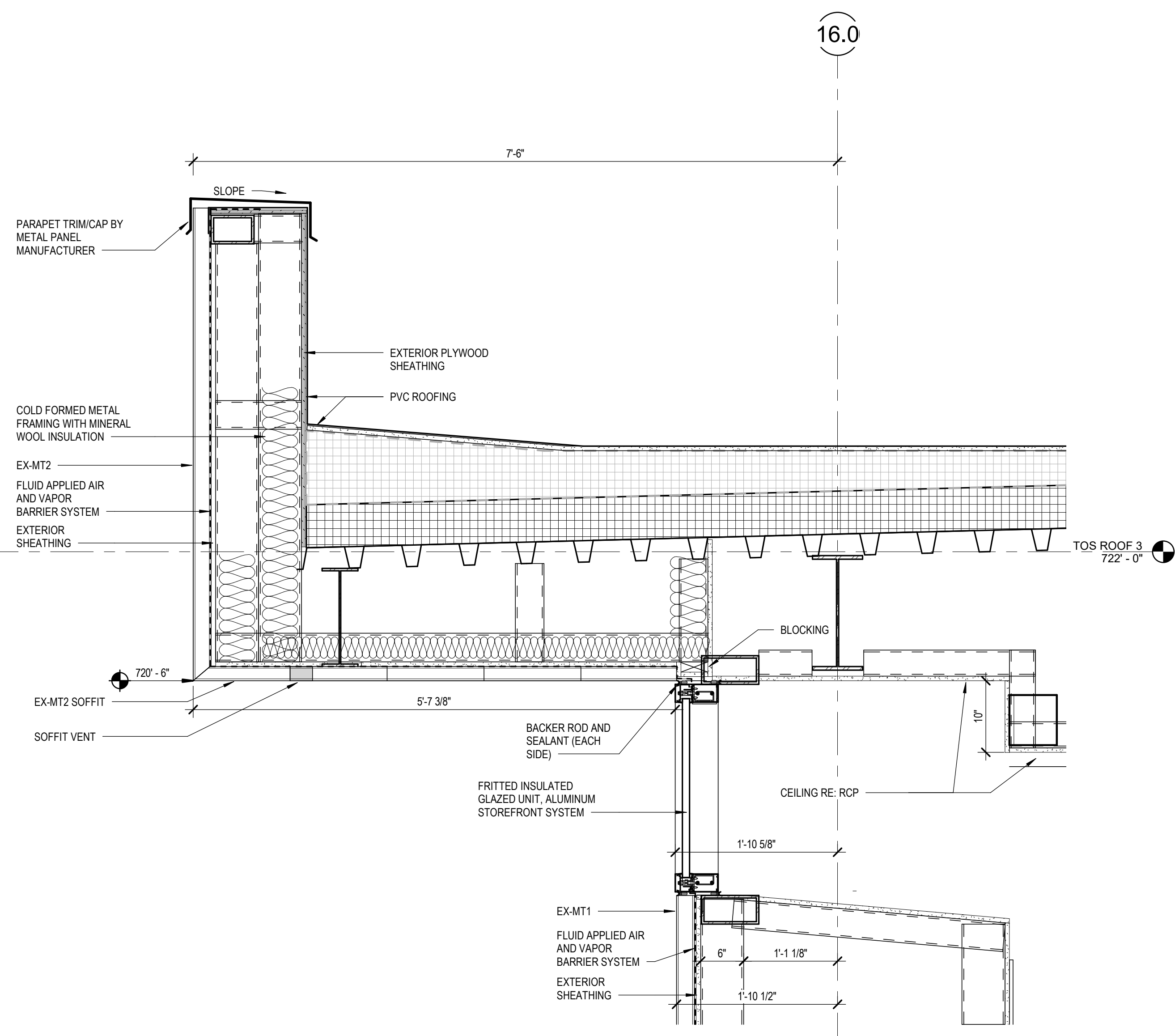
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DETAILS

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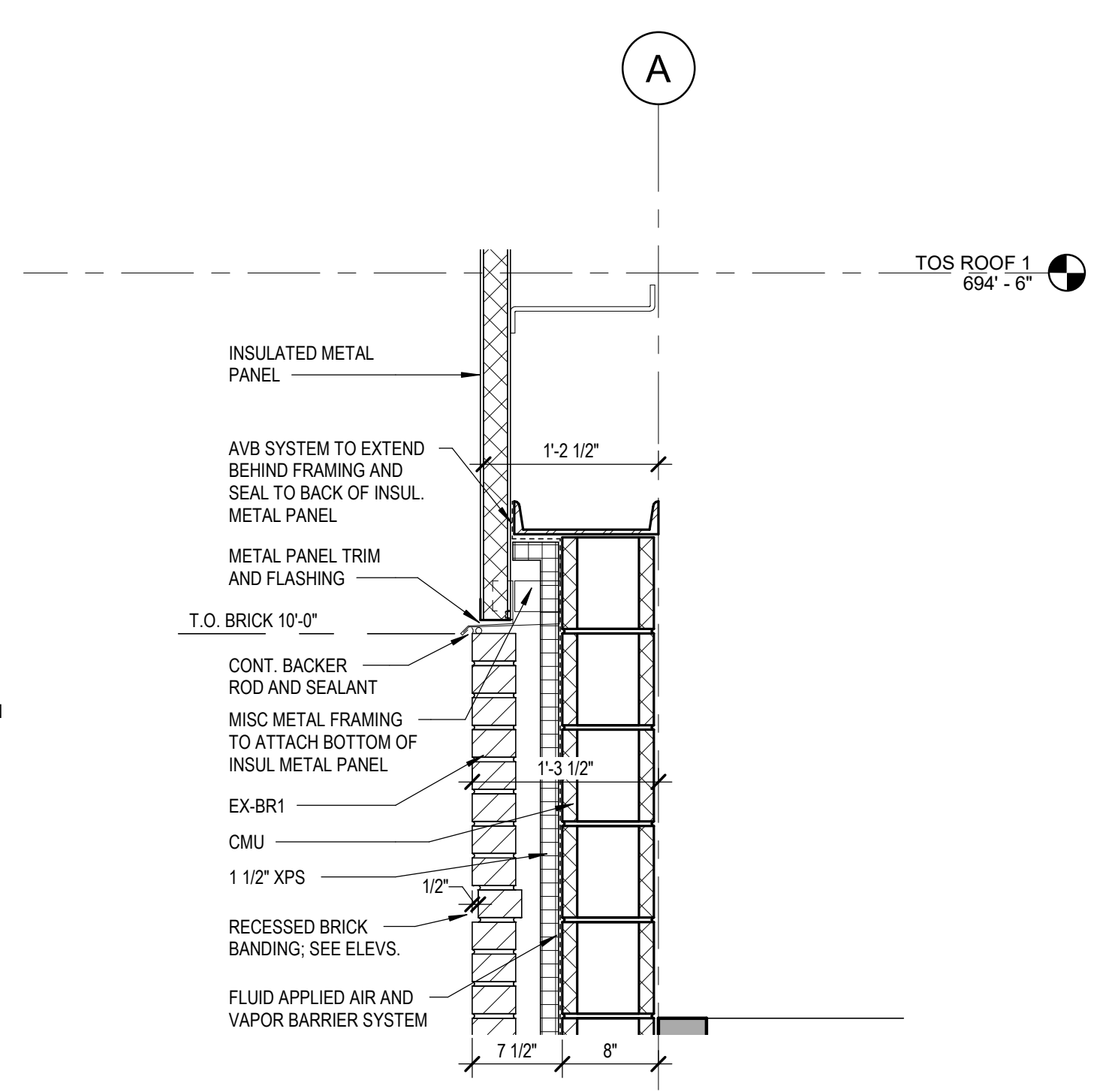
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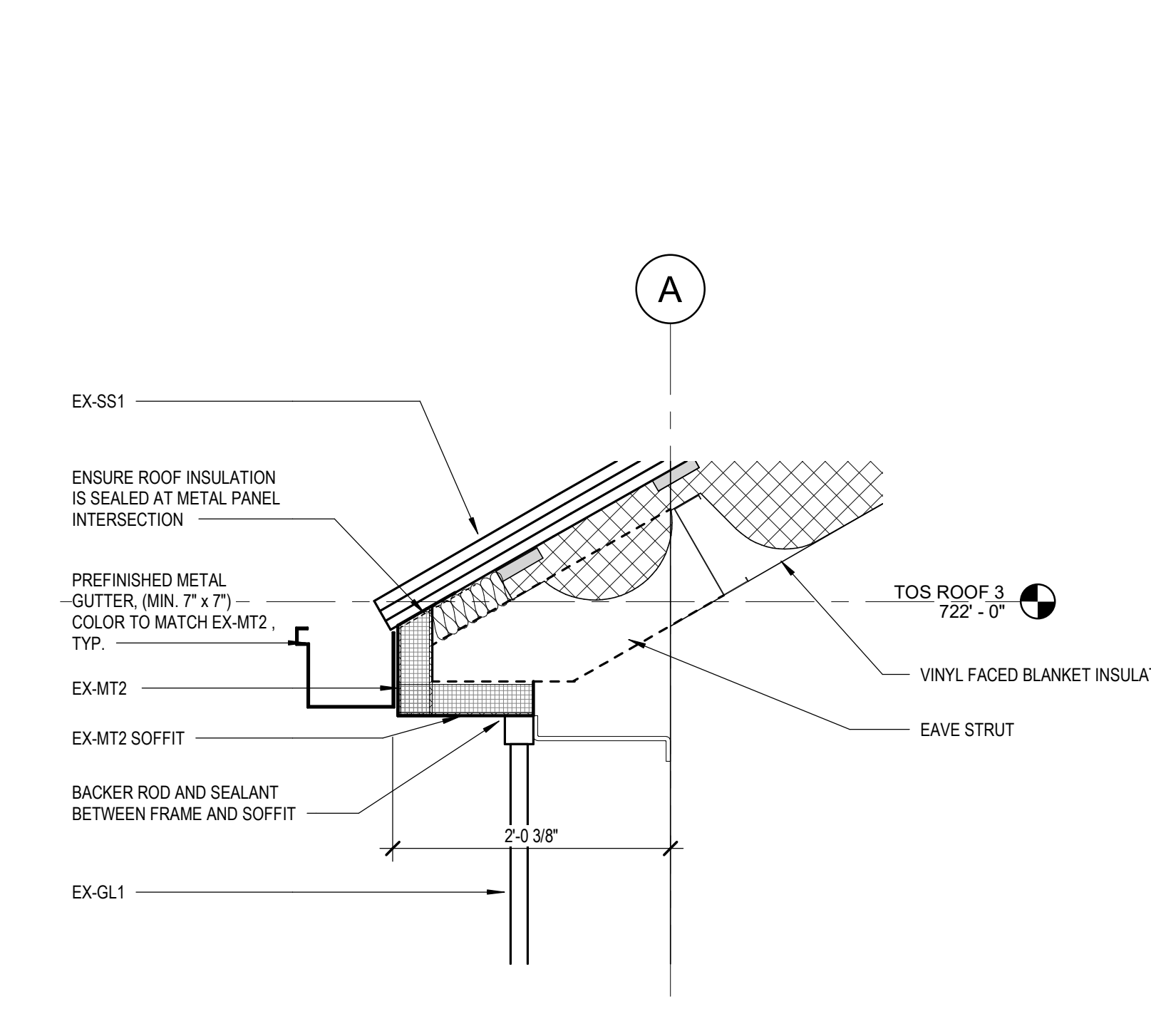
7 ENLARGED SECTION GL B - Callout 1  
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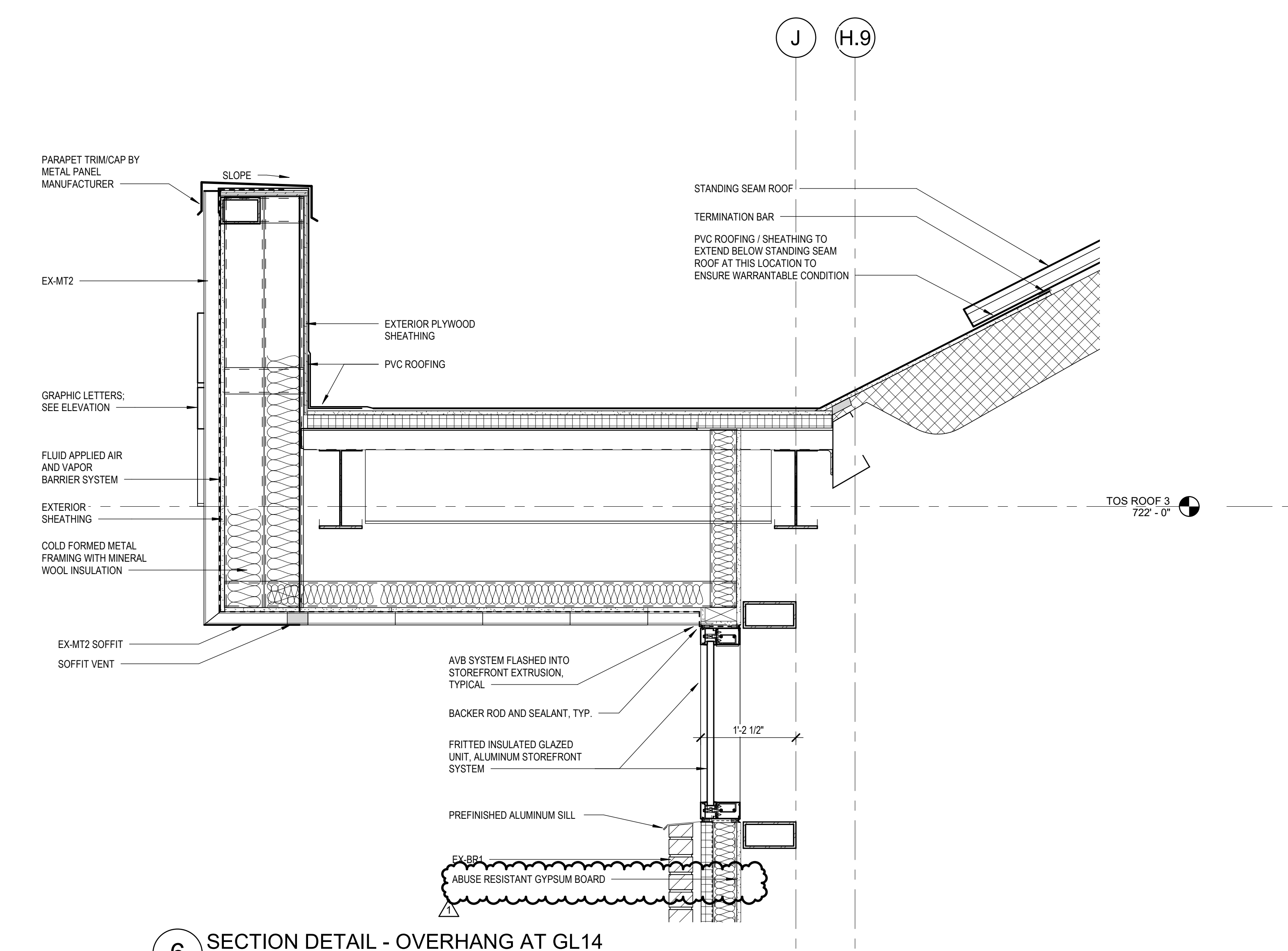
5 SECTION DETAIL - NORTH OVERHANG  
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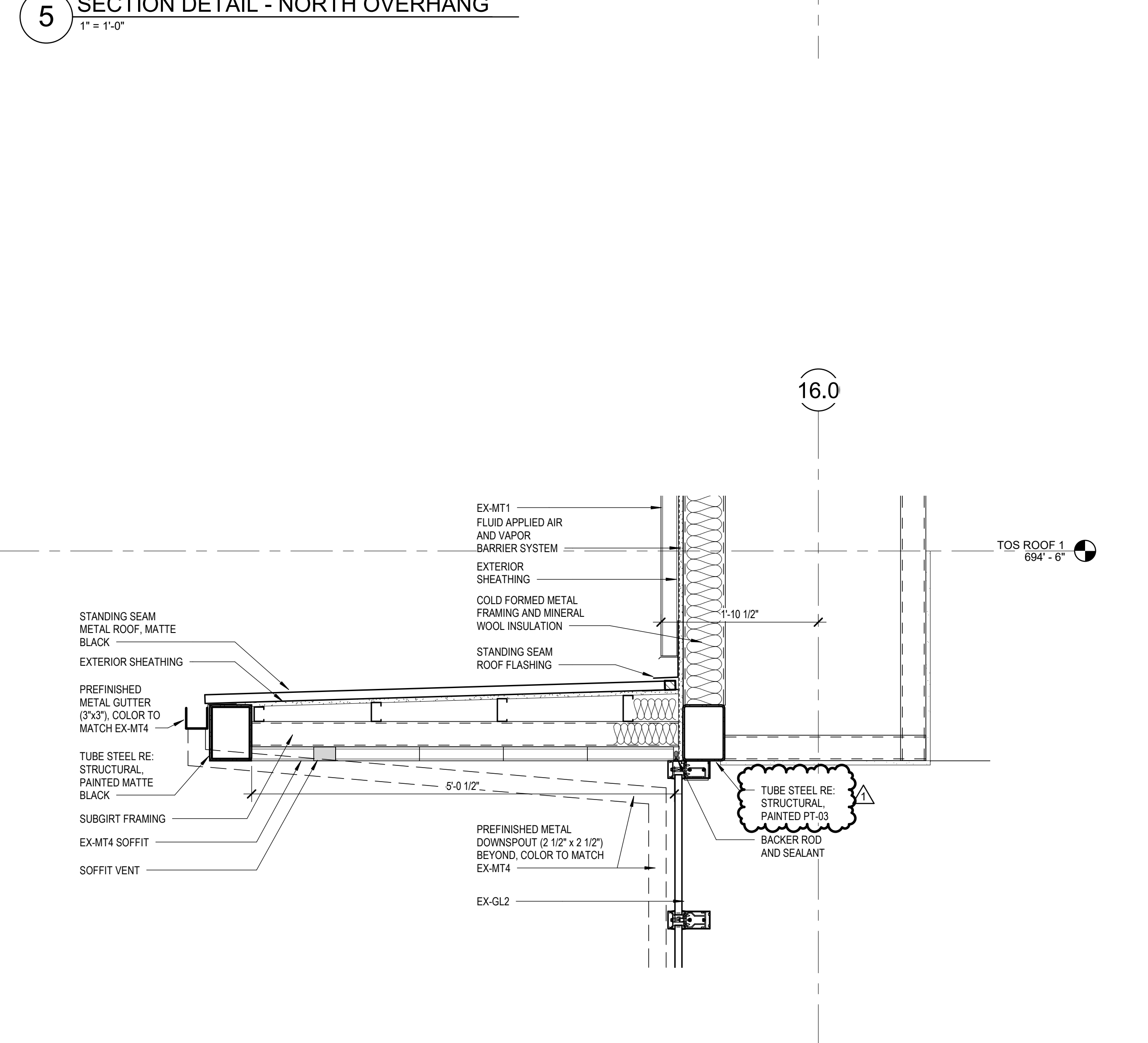
8 SECTION DETAIL BRICK TO METAL PANEL  
1" = 1'-0"



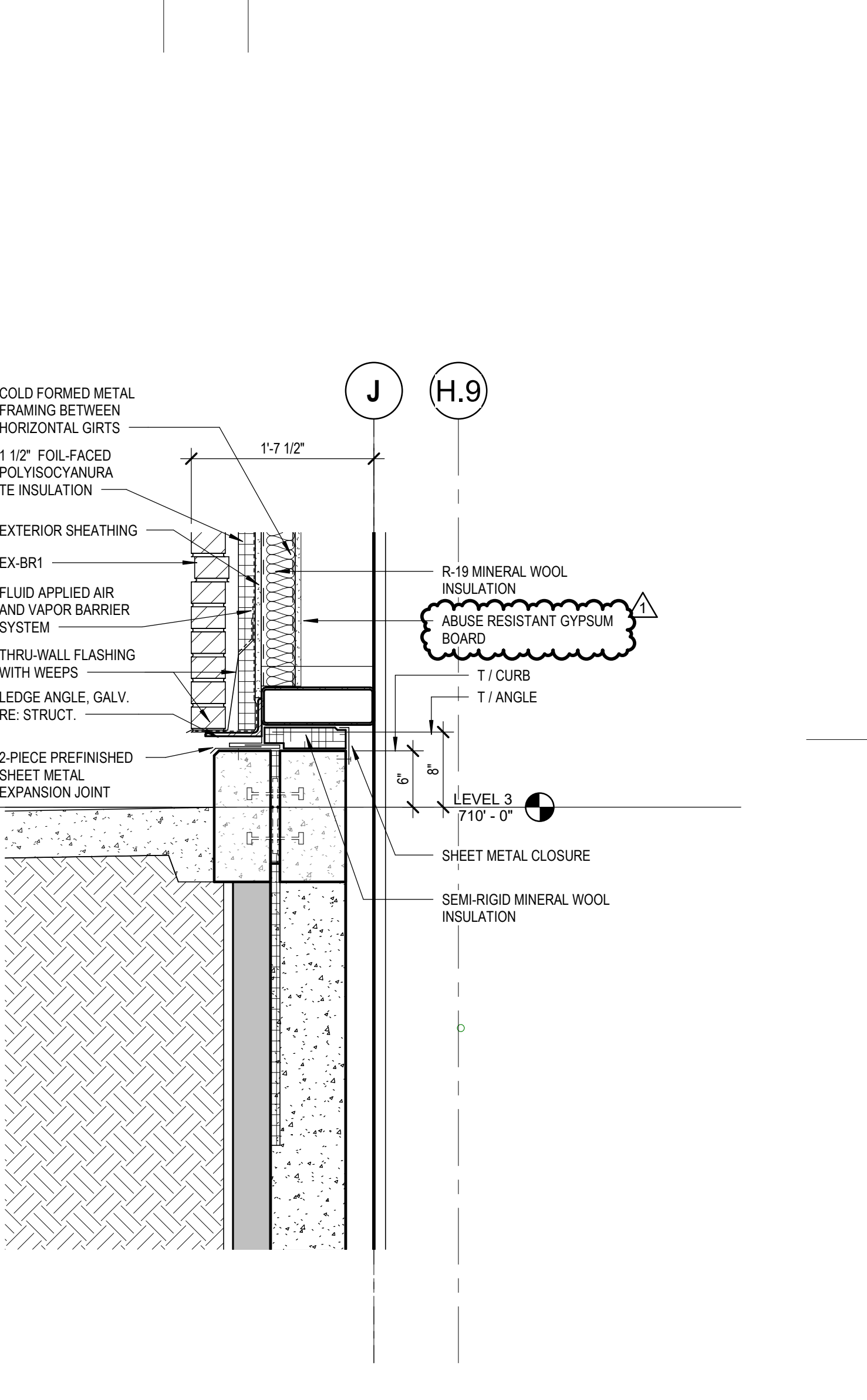
9 SECTION DETAIL -EXTERNAL GUTTER EAST  
1" = 1'-0"



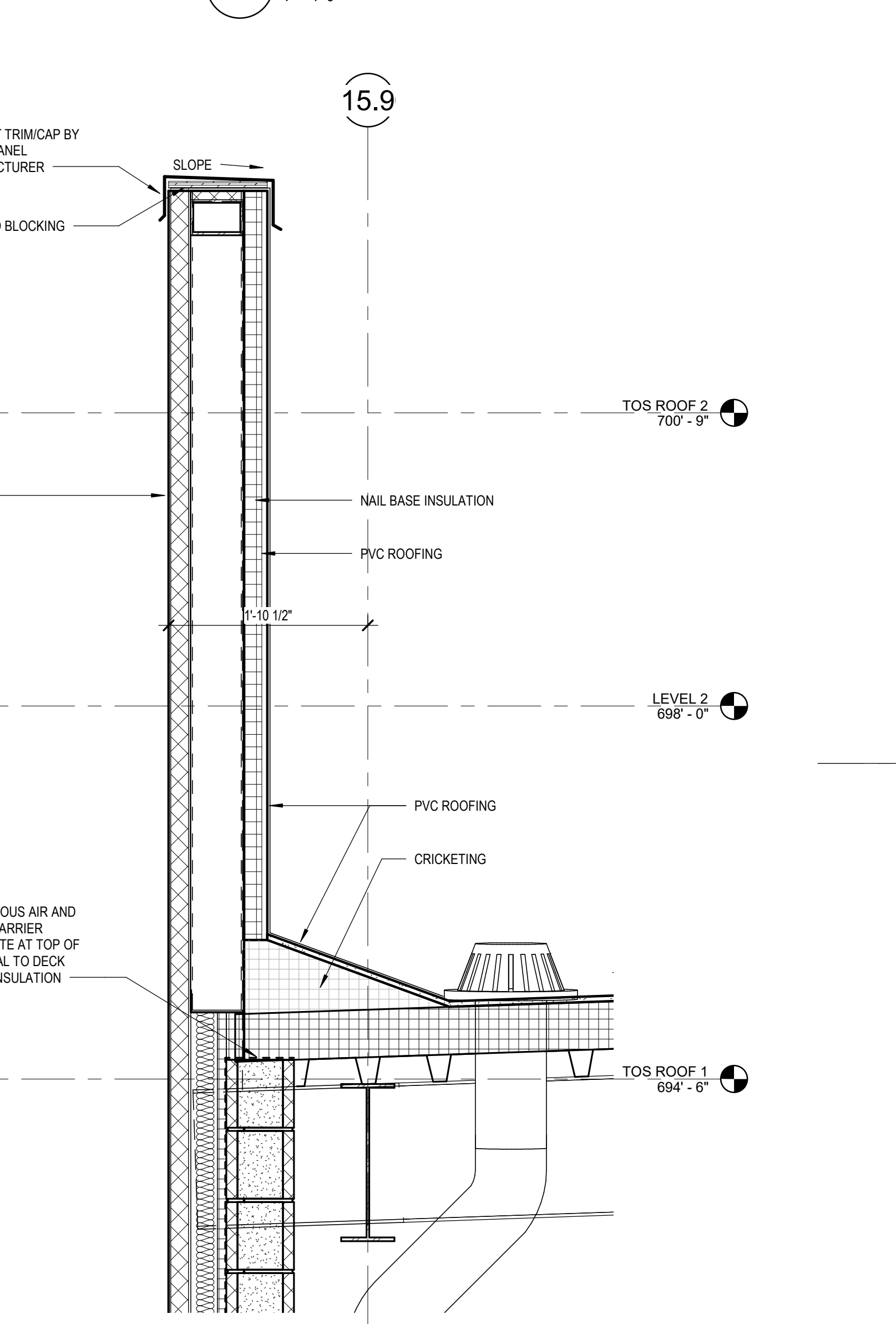
6 SECTION DETAIL - OVERHANG AT GL14  
1" = 1'-0"



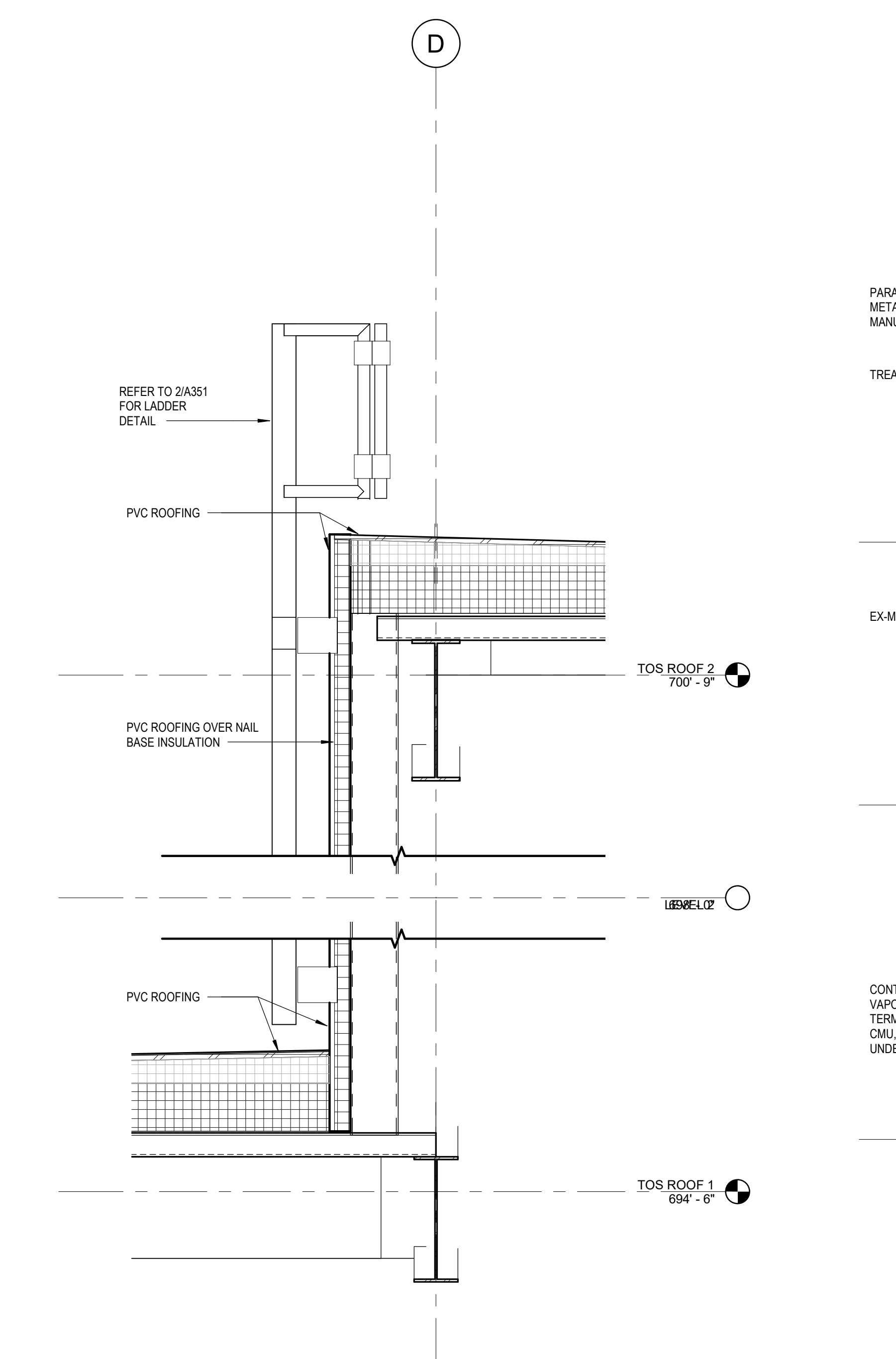
1 SECTION DETAIL - PLAYER ENTRY CANOPY  
1" = 1'-0"



2 WALL DETAIL - SOIL NAIL/SHOTCRETE WALL @  
BRICK WALL  
1" = 1'-0"



3 ENLARGED SECTION GL B - Callout 2  
1" = 1'-0"



4 SECTION DETAIL @ STEPPED LOWER ROOF  
1" = 1'-0"

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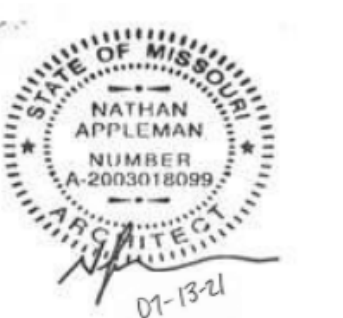
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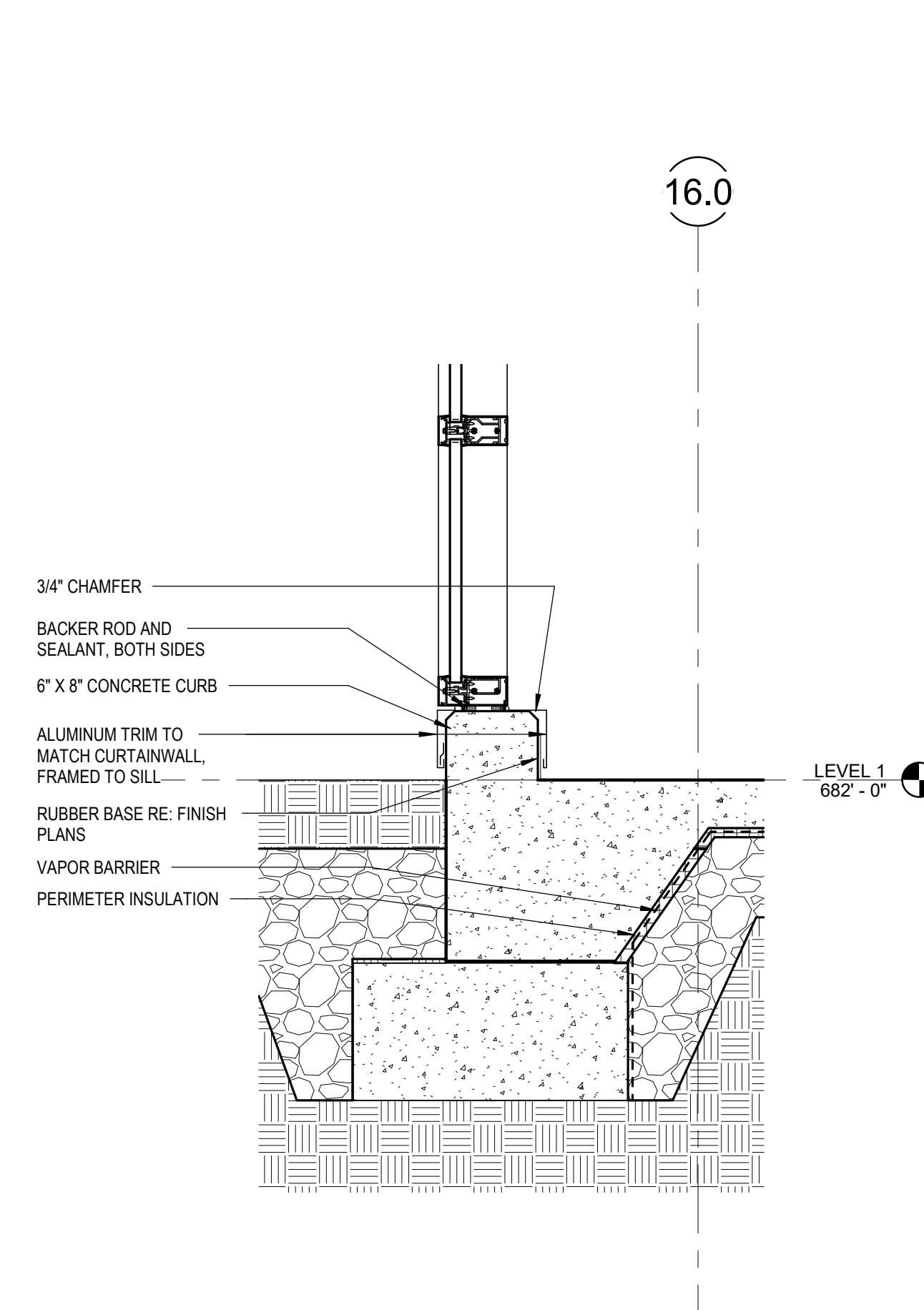


No.	Description	Date
1	Addendum 03	08/09/2021

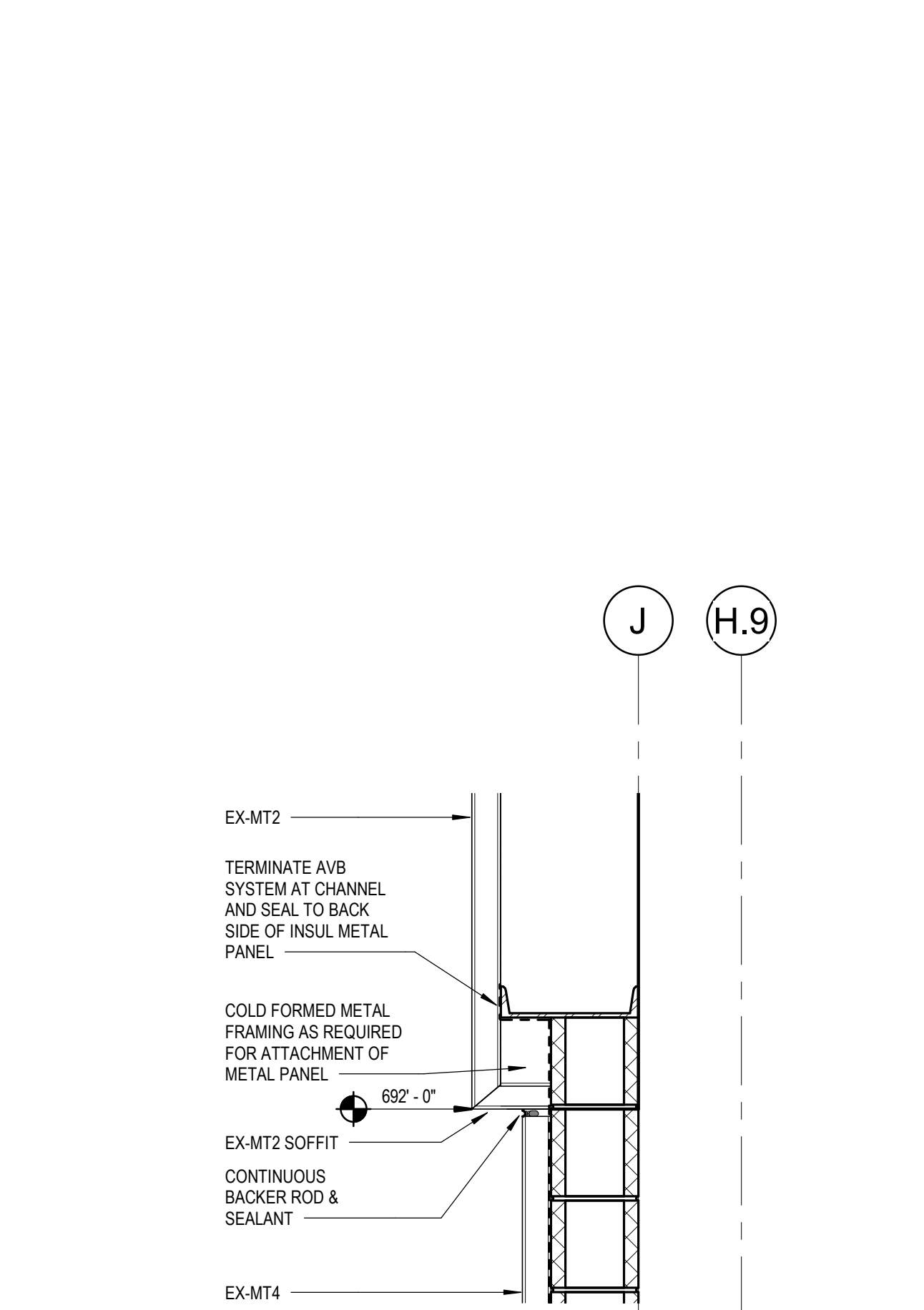
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Project No.: 20-700642.00  
Sheet Title:

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DETAILS

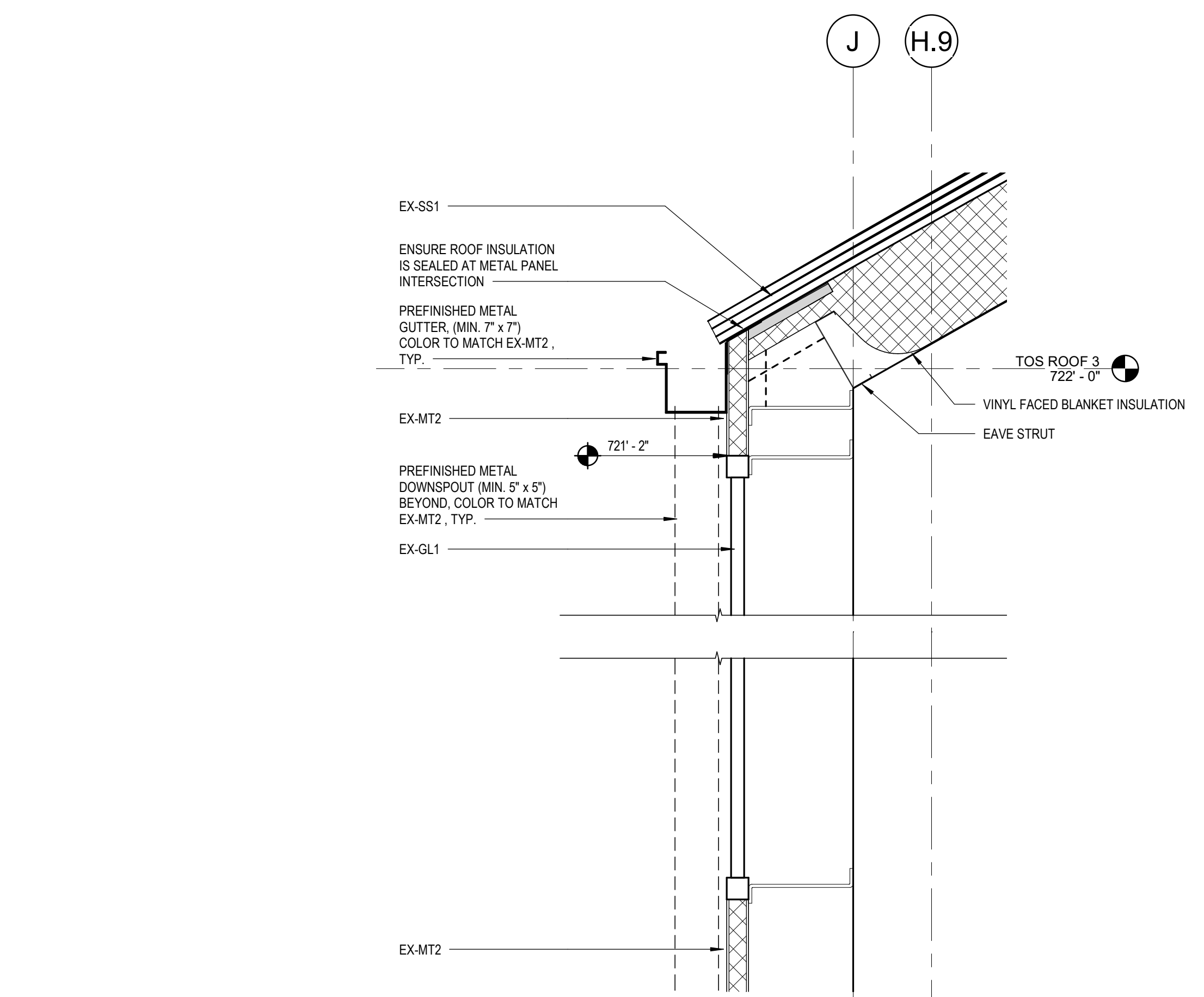
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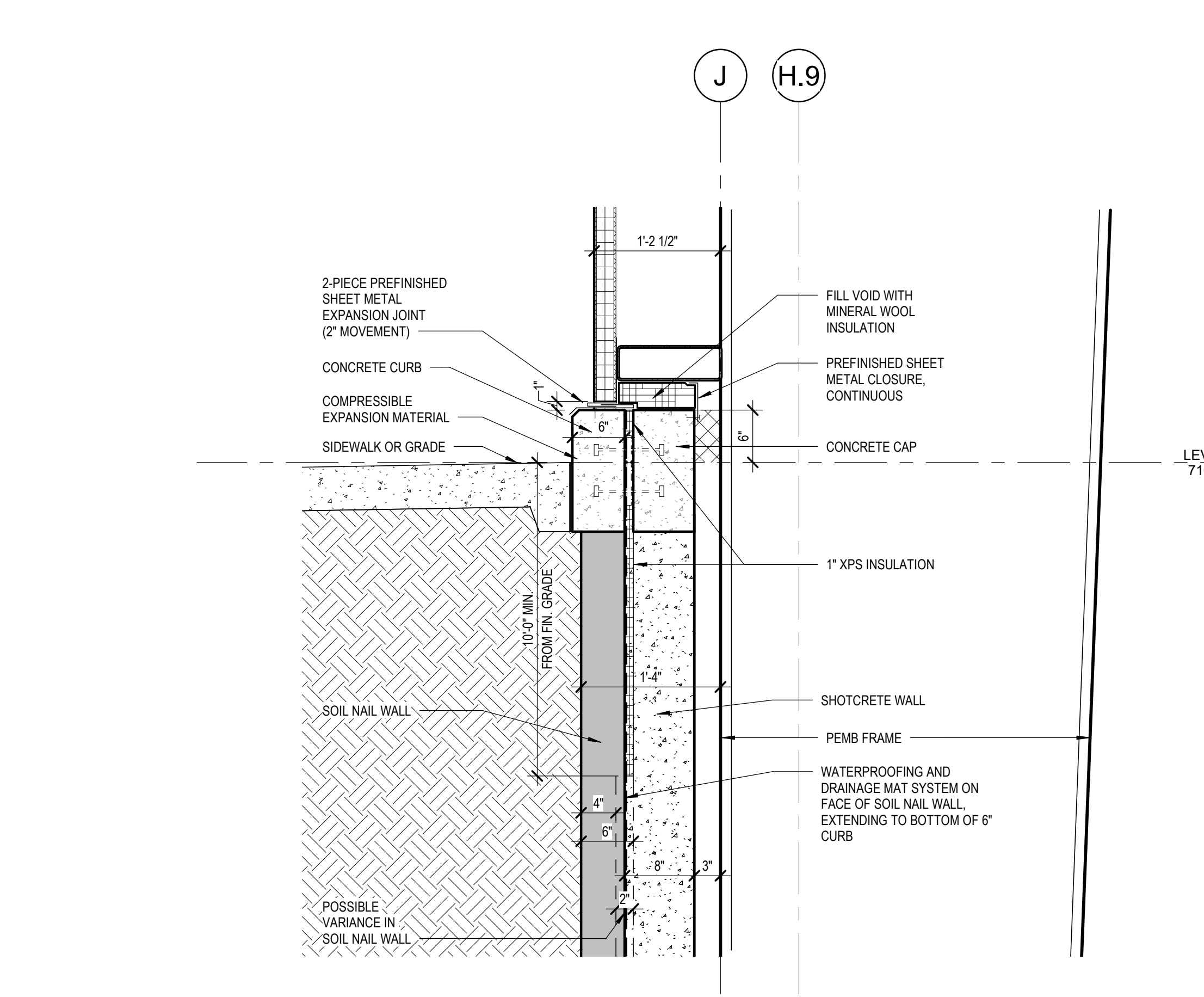
8 SECTION DETAIL - FOUNDATION AT CURTAIN WALL  
1" = 1'-0"



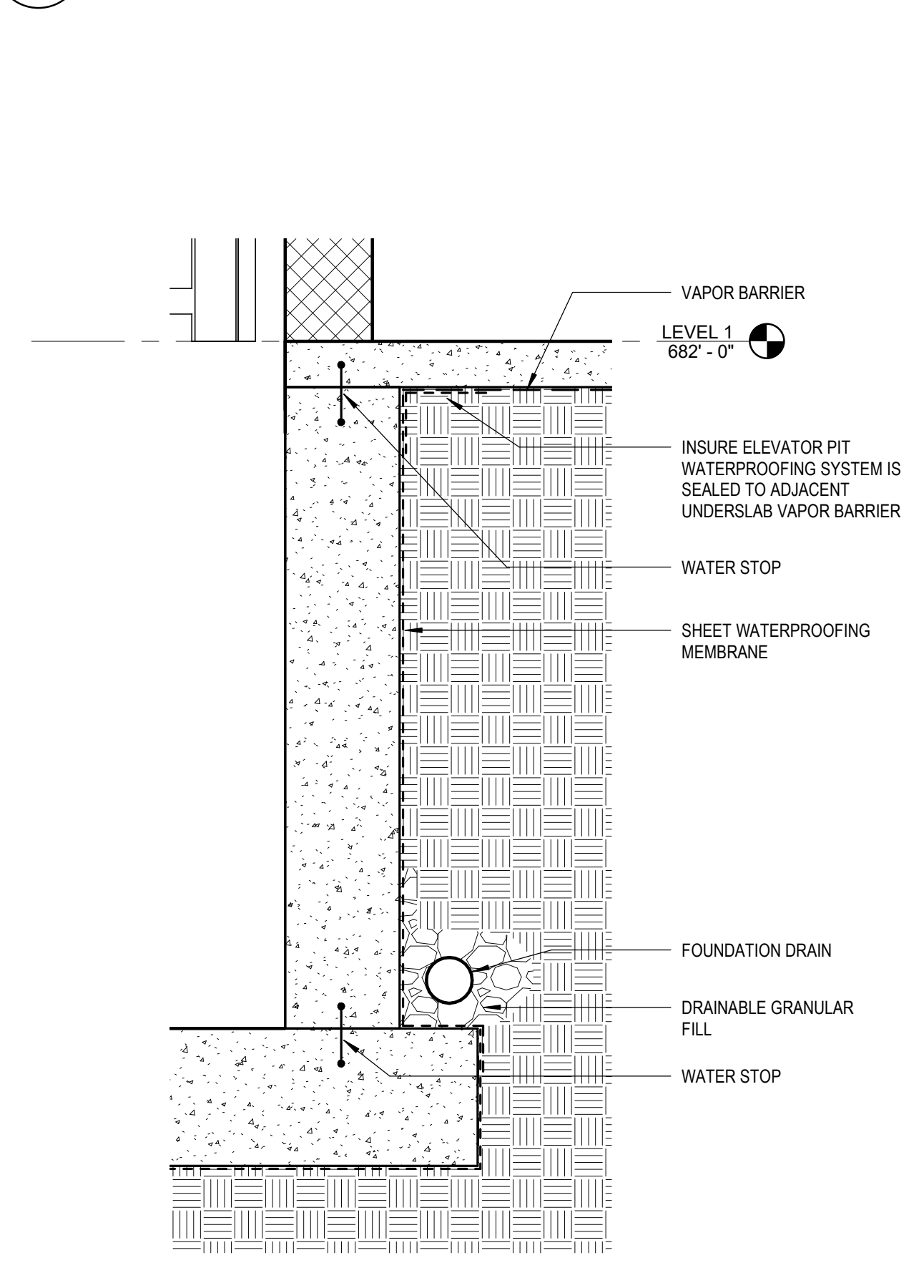
7 SECTION DETAIL - METAL PANEL TO METAL PANEL  
1" = 1'-0"



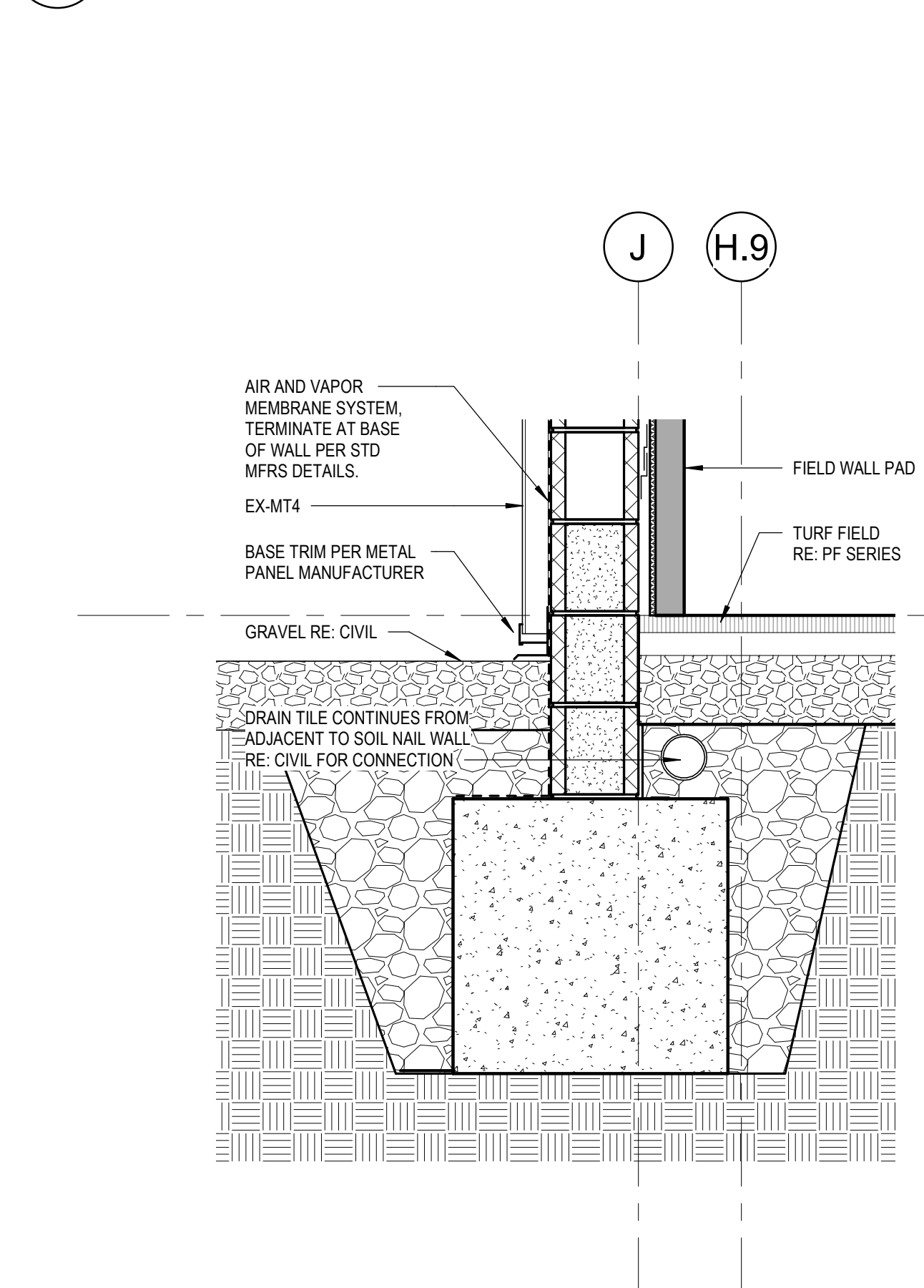
6 SECTION DETAIL - EXTERNAL GUTTER - WEST  
1" = 1'-0"



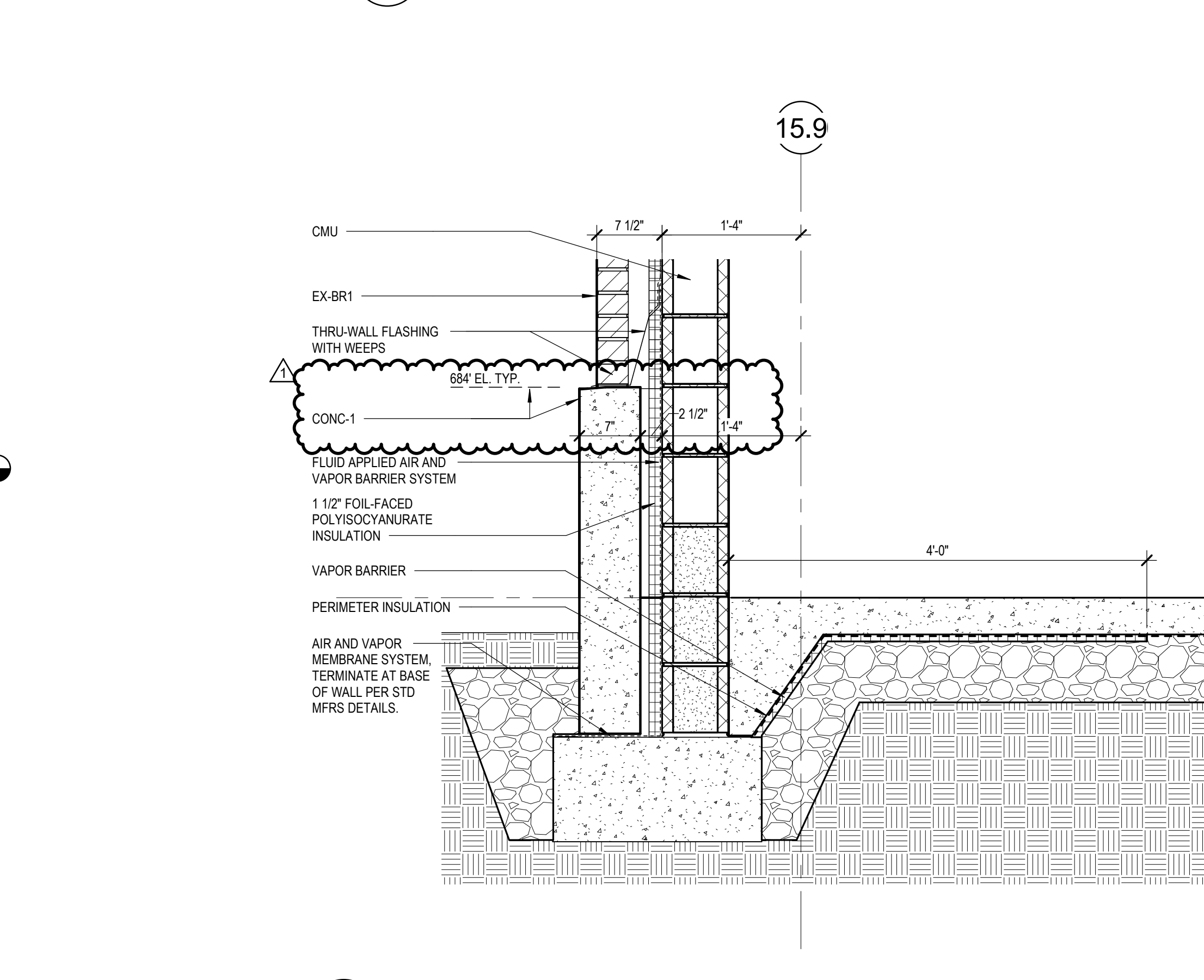
5 WALL DETAIL - SOIL NAIL/SHOTCRETE (TYPICAL)  
1" = 1'-0"



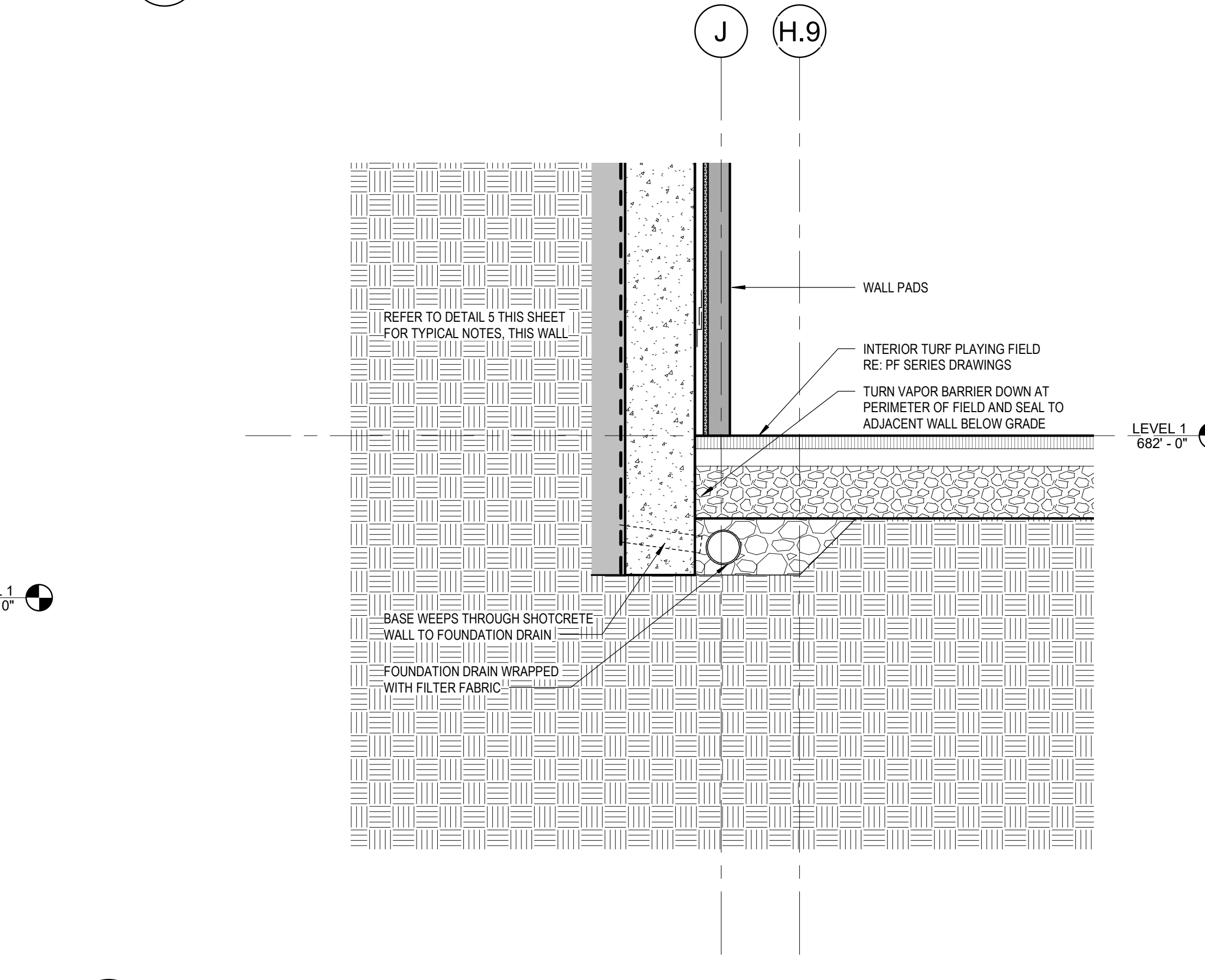
4 SECTION DETAIL - ELEVATOR PIT WALL  
1" = 1'-0"



3 SECTION DETAIL - FOUNDATION @ GL 4  
1" = 1'-0"



2 SECTION DETAIL - FOUNDATION @ GL B  
1" = 1'-0"



1 SECTION DETAIL - FOUNDATION @ GL 5  
1" = 1'-0"

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