

WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

REVISION FOR:

NO.	DESCRIPTION	DATE
1	ADDENDUM #2	6/13/2024

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CODE CONFORMANCE

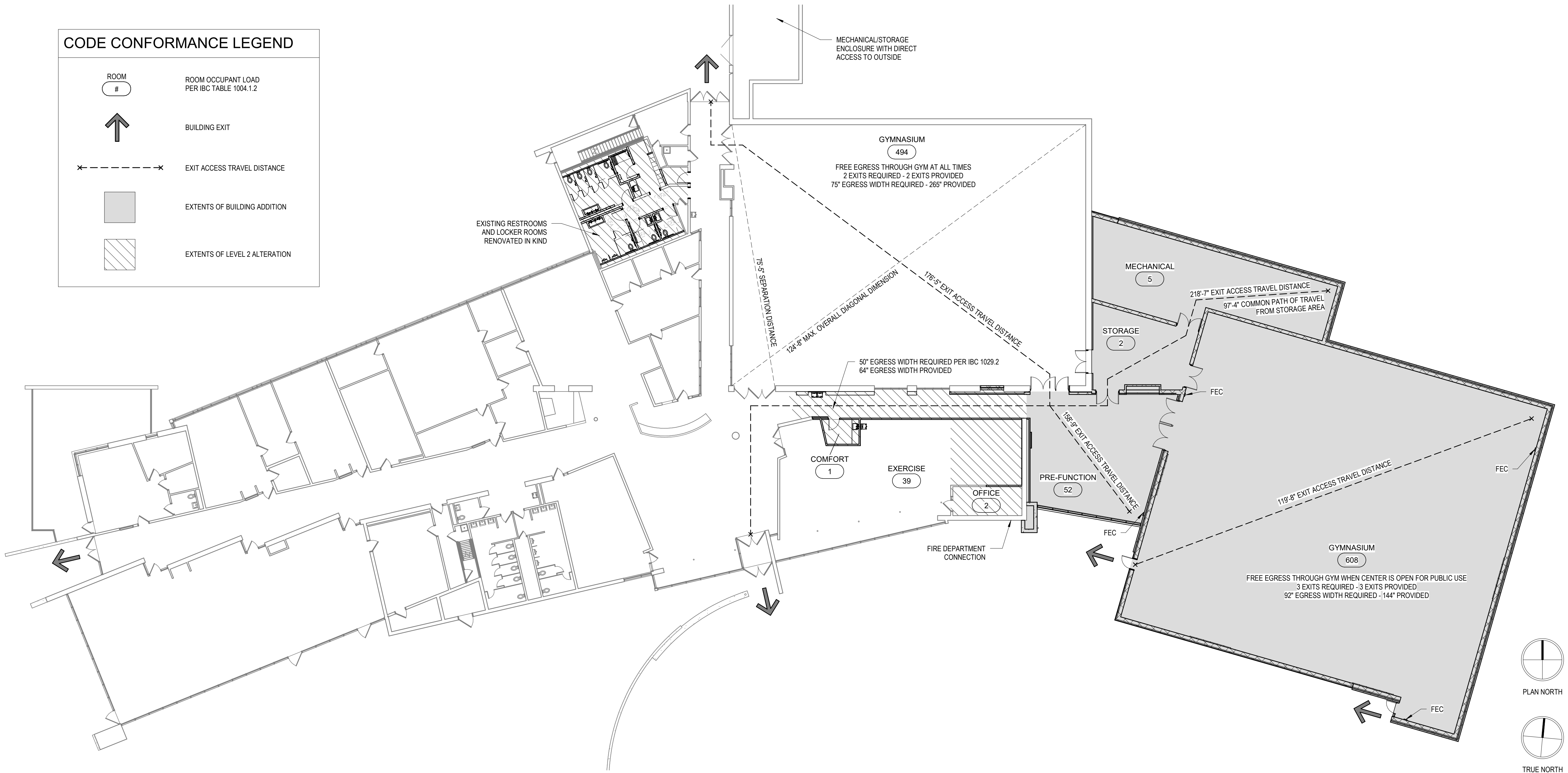
APPLICABLE CODES	
ZONING CODE	CITY OF MADISON ZONING CODE
BUILDING CODE	WISCONSIN SPS 362 / 2015 IBC
EXISTING BUILDING CODE	WISCONSIN SPS 366 / 2015 IEBC
ACCESSIBILITY CODE	2009 ICC A117.1
FIRE SAFETY CODE	WISCONSIN SPS 314 / 2012 NFPA 1
PLUMBING CODE	WISCONSIN SPS 381-387
ELECTRICAL CODE	WISCONSIN SPS 316 / 2017 NEC / 2017 NFPA 70
MECHANICAL CODE	WISCONSIN SPS 364 / 2015 IMC
ENERGY CODE	WISCONSIN SPS 363 / 2015 IECC
ZONING	
CLASSIFICATION	PR PARKS AND RECREATION
PERMITTED USE	CONDITIONAL USE AS A COMMUNITY CENTER
MINIMUM LOT SIZE	5 ACRES
MAXIMUM HEIGHT	2 STORIES / 35' (MAXIMUM HEIGHT MAY BE EXCEEDED WITH CUP APPROVAL)
SETBACKS REQUIRED	
FRONT YARD	30'
SIDE YARD	30'
REAR YARD	30'
PARKING	
# OF SPACES REQ'D	STAFF TO PROVIDE DETERMINATION IN PR DISTRICT, DEPENDING UPON USE PROPOSED
# OF SPACES PROVIDED	78
NOTES	
1. EXISTING OCCUPANCY, OCCUPANT LOAD, AND MEANS OF EGRESS TO REMAIN UNLESS NOTED OTHERWISE. 2. BUILDING PERIMETER IS GREATER THAN 30' FROM CLOSEST INTERIOR LOT LINE. ENTIRE WIDTH OF NEAREST PUBLIC WAY, AND ANY ADJACENT BUILDINGS, SEE BOUNDARY, TOPOGRAPHIC, AND UTILITY SURVEY FOR ADDITIONAL INFORMATION. 3. GRADE PLANE PER IBC CHAPTER 2 = EL. 105'-0". 4. GENERAL NOTE REGARDING EXISTING CONDITIONS: EXISTING BUILDING PLANS HAVE BEEN SHOWN ACCORDING TO ORIGINAL BUILDING PLANS AND SOME FIELD MEASUREMENTS. EXISTING CONDITIONS AND DIMENSIONS SHALL BE FIELD VERIFIED BY CONTRACTORS AND ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT. 5. GENERAL NOTE REGARDING SCOPE IN EXISTING BUILDING: FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE DAILY WORKING AREAS WITH BUILDING OWNER AND PROVIDE AT LEAST (4) WEEKS' NOTICE IF ANY SPACES IN THE FACILITY WILL BE INOPERABLE DUE TO CONSTRUCTION ACTIVITIES. PROVIDE FULL PROJECT SCHEDULE AT CONSTRUCTION KICK-OFF AND COORDINATE TIMING OF WORK IN EXISTING BUILDING, INCLUDING SHUTDOWNS OR INTERRUPTIONS OF MEP+FP SERVICES, WITH BUILDING OWNER.	

BUILDING DATA			
DATE OF ORIGINAL CONSTRUCTION	1998		
OCC. CLASSIFICATION	A-3 (COMMUNITY HALL), B ACCESSORY (EXISTING)		
CONSTRUCTION TYPE	IIB (EXISTING)		
ALTERATION TYPE	ADDITION + LEVEL 2 ALTERATION		
SPRINKLERED	YES - NFPA 13		
FIRE ALARM	YES - COMPLIANT WITH IBC 907.5.2.2		
BUILDING HEIGHT (NEW CONSTRUCTION)	25'-3" ABOVE GRADE PLANE		
NUMBER OF STORIES	1 (EXISTING MEZZANINES)		
SQUARE FEET/ FLOOR	ALLOWABLE	ACTUAL	
FIRST FLOOR	38,000 SF + 9,500 SF = 47,500 SF	42,940 SF	
	100% FRONTAGE INCREASE		
CONSTRUCTION REQUIREMENTS			
EXT. WALLS-NON BEARING	0 - HR		
STRUCTURAL FRAME	0 - HR		
PARTITIONS	0 - HR		
SHAFT ENCLOSURES	1 - HR LESS THAN FOUR STORIES		
FLOOR/CEILING	0 - HR		
ROOF/CEILING	0 - HR		
ROOFING CLASSIFICATION	CLASS C		
ENERGY			
CLIMATE ZONE	6		
ENVELOPE REQUIREMENTS	R-VALUE	U-FACTOR	PROVIDED
ROOF	20	0.048	R-35
WALLS	13.3	0.080	R-20
BELOW GRADE	7.5	0.119 (C-VALUE)	R-20
UNHEATED SLAB-ON-GRADE	10 @ 24" BELOW	0.54 (F-VALUE)	R-20 @ 48" BELOW
DOORS	0.70		U-0.70
FENESTRATION REQUIREMENTS	SHGC SEW	SHGC N	U-FACTOR
			PROVIDED
FIXED	0.40	0.53	0.36
			U-0.20, SHGC 0.37

MEANS OF EGRESS					
OCCUPANT LOAD		1657 OCCUPANTS			
EXITS PER STORY REQ'D		4			
EXITS PER STORY PROVIDED		5			
EXIT DOOR WIDTH REQ'D		249"			
EXIT DOOR WIDTH PROVIDED		366"			
EXIT ACCESS TRAVEL DISTANCE REQ'D		250'			
EXIT ACCESS TRAVEL DISTANCE PROVIDED		SEE CODE CONFORMANCE PLAN			
PLUMBING					
IEBC 810.1 / IBC TABLE 2902.1					
FIXTURES	OCCUPANT LOAD		REQUIREMENTS	REQUIRED	PROVIDED
WATER CLOSETS	MEN	829	1 PER 125 OCCUPANTS	7	8
	WOMEN	829	1 PER 65 OCCUPANTS	13	9 + 4 UNISEX
				20	21
LAVATORIES	MEN	829	1 PER 200 OCCUPANTS	5	5
	WOMEN	829	1 PER 200 OCCUPANTS	5	5 + 4 UNISEX
				10	14
DRINKING FOUNTAINS	1657		1 PER 500 OCCUPANTS	4	5
SERVICE SINKS				1	2
NOTES					
1. FAMILY OR ASSISTED-USE TOILET ROOMS ARE PERMITTED TO BE INCLUDED IN THE NUMBER OF FIXTURES FOR MALE OR FEMALE OCCUPANTS IN ASSEMBLY OCCUPANCIES PER IBC 2902.1.2.					
2. URINALS MAY BE SUBSTITUTED FOR UP TO 67 PERCENT OF REQUIRED WATER CLOSETS IN ASSEMBLY OCCUPANCIES PER IPC 419.2 (REFERENCED IN IBC TABLE 2902.1).					

CODE CONFORMANCE LEGEND

ROOM #	ROOM OCCUPANT LOAD PER IBC TABLE 1004.1.2
↑	BUILDING EXIT
✕ - - - - ✕	EXIT ACCESS TRAVEL DISTANCE
■	EXTENTS OF BUILDING ADDITION
▨	EXTENTS OF LEVEL 2 ALTERATION



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1	ADDENDUM 2	6/13/2024

PROPOSED STORM SEWER STRUCTURE TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
STO DB -1	868.95	N INV: 866.52 (10") S INV: 866.52 (8") E INV: 866.52 (8")	2.4	24 IN DB	ADS DRAIN WITH BEEHIVE GRATE
STO DB B	861.24	E INV: 858.20 (6")	3.0	24 IN DB	ADS DRAIN WITH BEEHIVE GRATE
STO DB B-2	861.31	W INV: 858.68 (6") E INV: 858.68 (6") N INV: 858.68 (6")	2.6	24 IN DB	ADS DRAIN WITH BEEHIVE GRATE
STO DB C	861.99	E INV: 859.13 (6") W INV: 859.13 (6")	2.9	24 IN DB	ADS DRAIN WITH BEEHIVE GRATE
STO DB D-2	869.23	W INV: 866.76 (8") E INV: 866.76 (8") S INV: 866.76 (8")	2.5	24 IN DB	ADS DRAIN WITH BEEHIVE GRATE
STO DB D-3	870.14	W INV: 866.97 (8") E INV: 866.97 (8") S INV: 866.97 (8")	3.2	24 IN DB	ADS DRAIN WITH BEEHIVE GRATE
STO DB D-4	872.22	W INV: 867.42 (8") SE INV: 867.42 (8")	4.8	12 IN DB	ADS DRAIN WITH BEEHIVE GRATE
STO DB D-5	874.44	NW INV: 868.13 (8") S INV: 868.13 (8")	6.3	12 IN DB	ADS DRAIN WITH BEEHIVE GRATE
STO DB E	861.44	N INV: 858.70 (6")	2.7	24 IN DB	ADS DRAIN WITH BEEHIVE GRATE

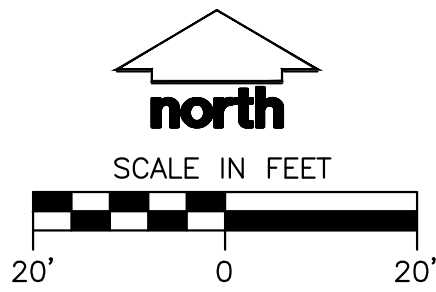
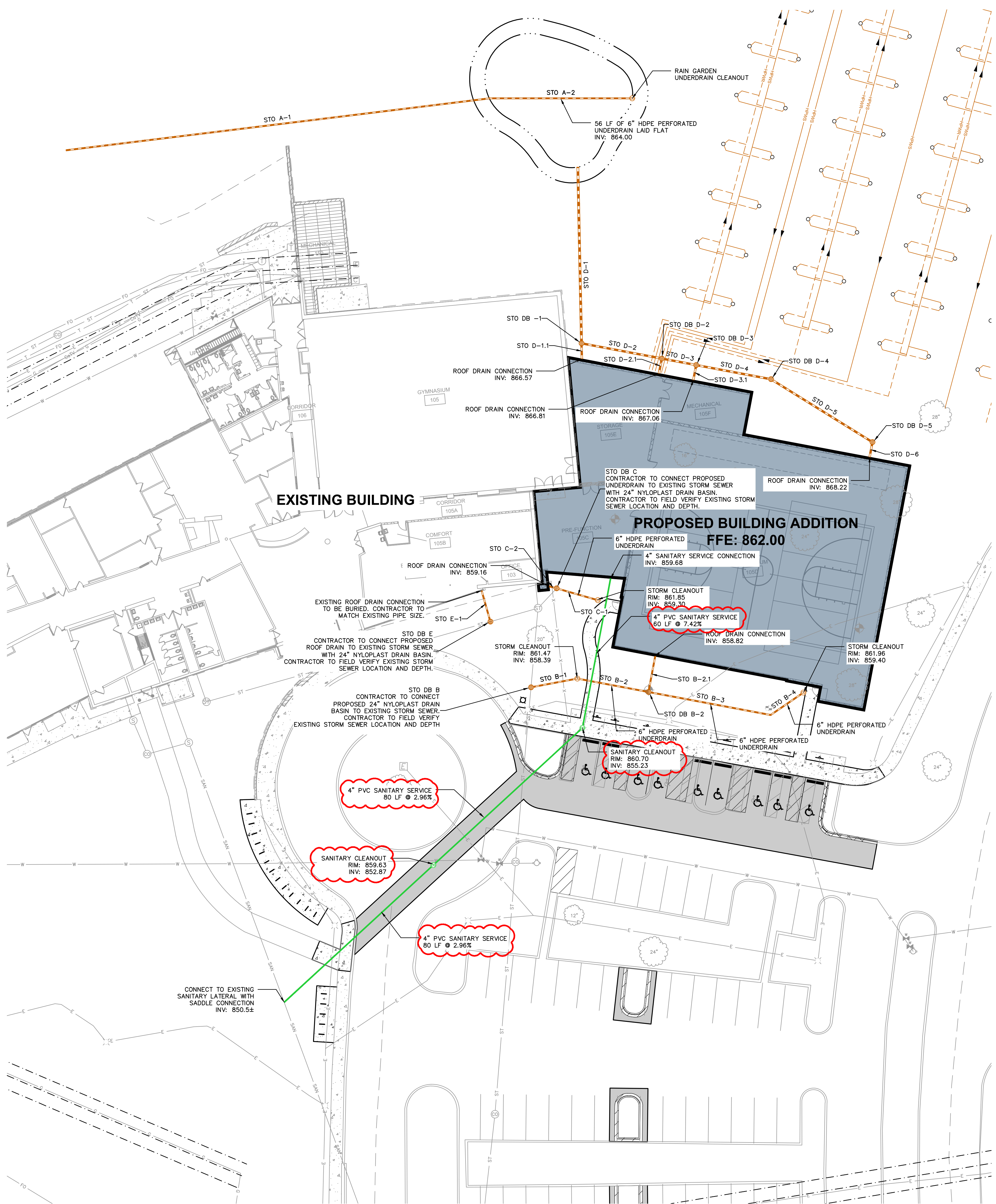
PROPOSED STORM SEWER PIPE TABLE							
LABEL	FROM	TO	LENGTH	INVERT EL. (FT)	DISCHARGE EL. (FT)	SLOPE	SIZE & MATERIAL
STO A-1	STO A-1	STO A	168'	864.00	862.00	1.19%	6 IN HDPE
STO A-2	STO A-2	STO A-1	56'	864.00	864.00	0.00%	6 IN HDPE
STO B-1	STO B-1	STO DB B	19'	858.39	858.20	1.00%	6 IN HDPE
STO B-2	STO DB B-2	STO B-1	29'	858.68	858.39	1.00%	6 IN HDPE
STO B-2.1	STO B-1.2	STO DB B-2	14'	858.82	858.68	1.00%	6 IN HDPE
STO B-3	STO B-3	STO DB B-2	49'	859.17	858.68	1.00%	6 IN HDPE
STO B-4	STO B-4	STO B-3	16'	859.40	859.17	1.50%	6 IN HDPE
STO C-1	STO C-1	STO DB C	17'	859.30	859.13	1.00%	6 IN HDPE
STO C-2	STO C-2	STO DB C	3'	859.16	859.13	1.00%	6 IN HDPE
STO D-1	STO DB -1	STO D	70'	866.52	866.00	0.75%	10 IN HDPE
STO D-1.1	STO D-1.1	STO DB -1	6'	866.57	866.52	0.75%	8 IN HDPE
STO D-2	STO DB D-2	STO DB -1	32'	866.76	866.52	0.75%	8 IN HDPE
STO D-2.1	STO D-2.1	STO DB D-2	6'	866.81	866.76	0.75%	8 IN HDPE
STO D-3	STO DB D-3	STO DB D-2	14'	866.97	866.76	1.50%	8 IN HDPE
STO D-3.1	STO D-3.1	STO DB D-3	6'	867.06	866.97	1.50%	8 IN HDPE
STO D-4	STO DB D-4	STO DB D-3	30'	867.42	866.97	1.50%	8 IN HDPE
STO D-5	STO DB D-5	STO DB D-4	47'	868.13	867.42	1.50%	8 IN HDPE
STO D-6	STO D-6	STO DB D-5	6'	868.22	868.13	1.50%	8 IN HDPE
STO E-1	STO E-1	STO DB E	13'	858.95	858.70	2.00%	6 IN HDPE

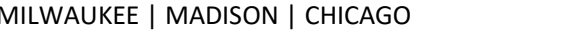
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UTILITY PLAN

C500





1625 NORTHPORT DRIVE
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PROJECT NUMBER	223471.00
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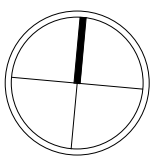
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DEMOLITION PLAN

D101



PLAN NORTH

TRUE NORTH

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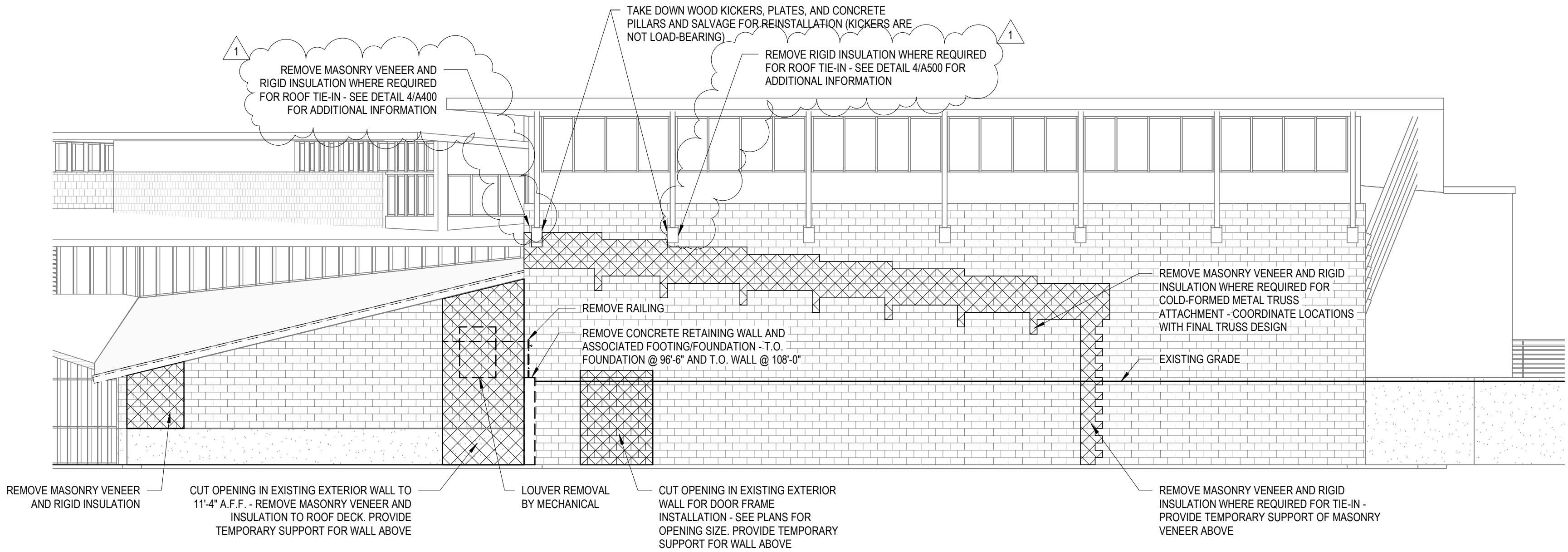
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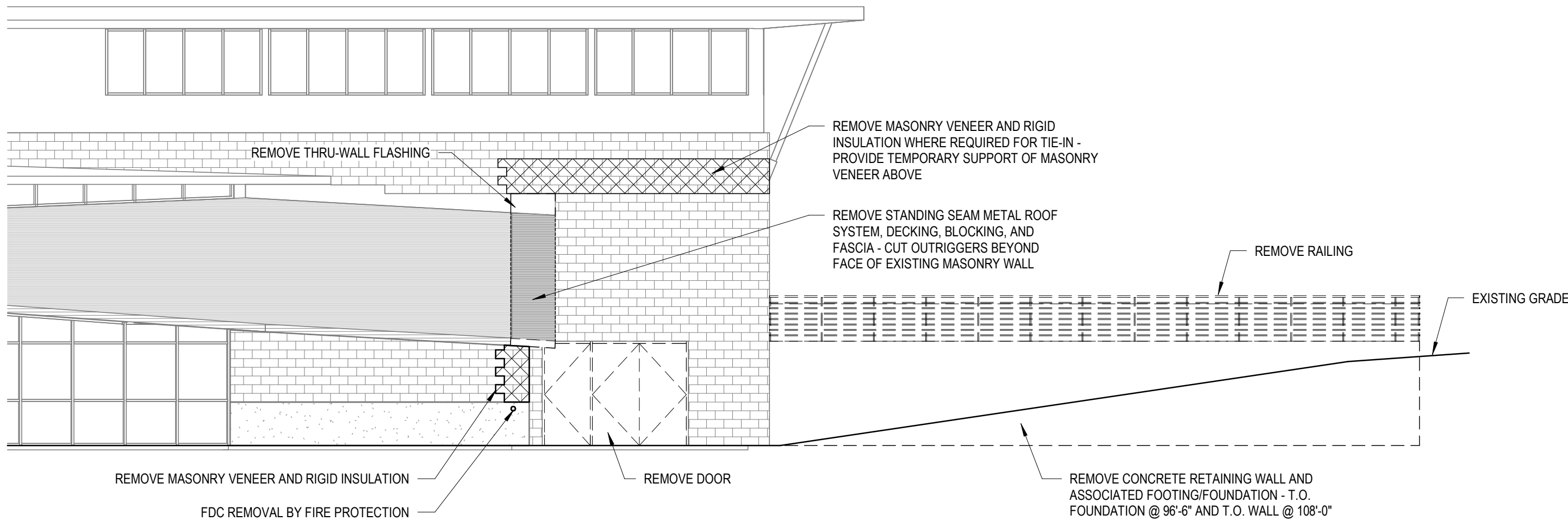
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DEMOLITION
ELEVATIONS



2 EAST DEMOLITION ELEVATION
SCALE: 1/8" = 1'-0"



1 SOUTH DEMOLITION ELEVATION
SCALE: 1/8" = 1'-0"

D400

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OVERALL FLOOR PLAN

GENERAL NOTES - FLOOR PLANS

METAL STUD WALL - SEE WALL TYPES

MASONRY WALL - SEE WALL TYPES

EXISTING WALL TO REMAIN

DOOR AND FRAME -
SEE DOOR SCHEDULE

EXISTING DOOR AND
FRAME TO REMAIN

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4. COORDINATE OPENINGS IN EXISTING WALLS WITH DEMOLITION CONTRACTOR.
5. REPLACE CONCRETE SLAB-ON-GRADE WHERE REMOVED FOR PLUMBING ACCESS.
6. DIMENSIONS ARE TO FACE OF CMU OR FINISHED FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.
7. LOCATE DOOR FRAMES 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
8. ALL OUTSIDE CORNERS OF CMU AT INTERIOR TO BE BULLNOSED.
9. CIVIL ELEVATION: 100'-0" = 862.00'
10. PROVIDE CAST IRON HORIZONTAL DOWNSPOUT BOOT WITH DARK BRONZE FINISH FOR DISCHARGE INTO PIPE AT ALL DOWNSPOUT TIE-IN LOCATIONS.

2 NORTH MECHANICAL MEZZANINE PLAN
SCALE: 1/8" = 1'-0"

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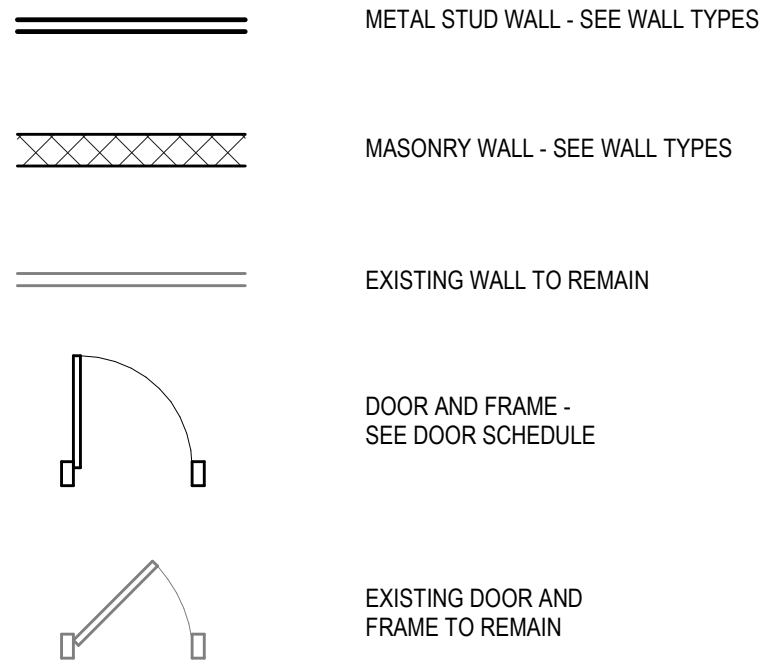
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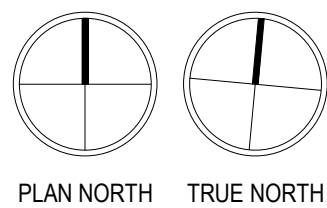
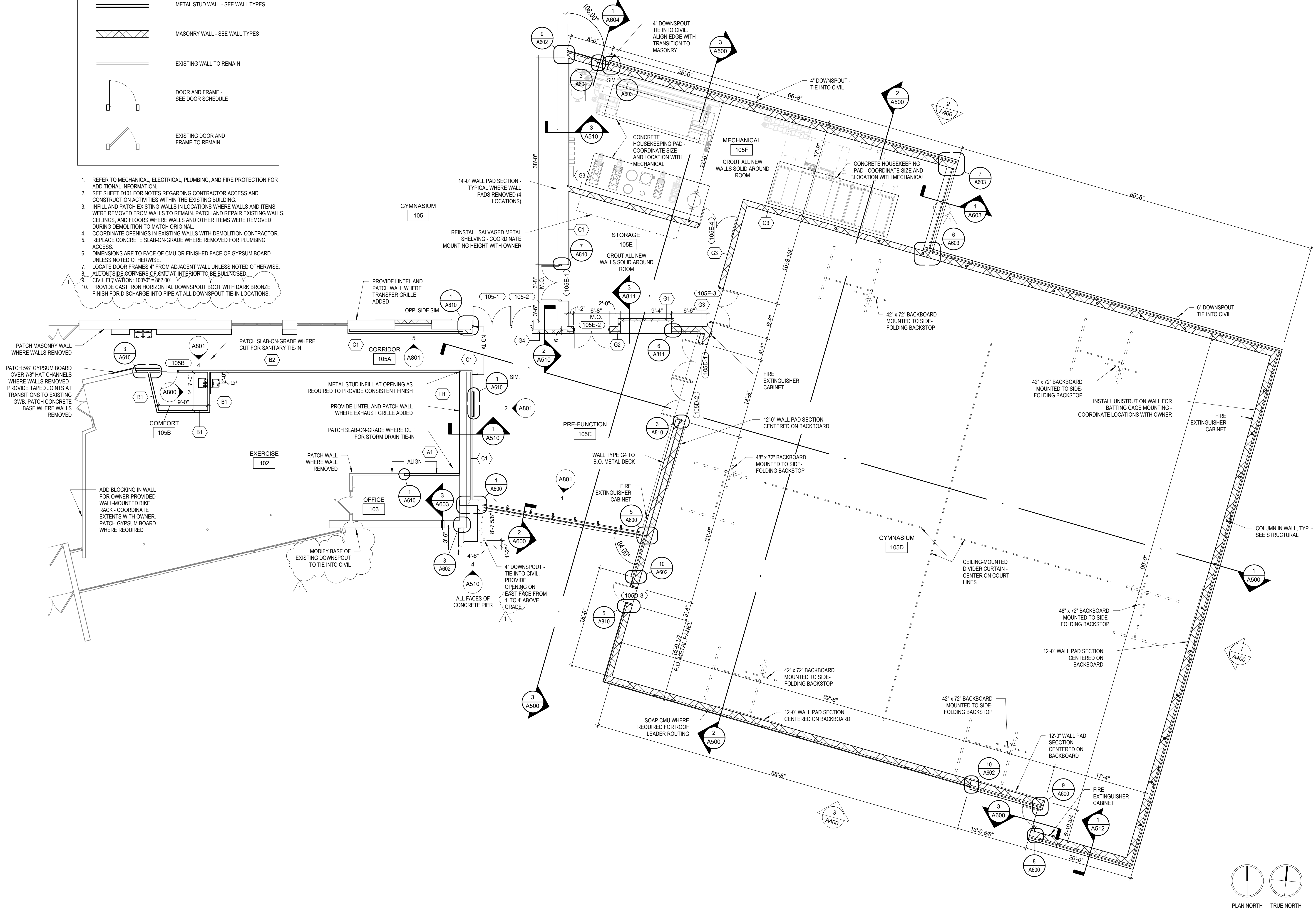
EXPANSION FLOOR PLAN

A101

GENERAL NOTES - FLOOR PLANS



1. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION FOR ADDITIONAL INFORMATION.
2. SEE SHEET D101 FOR NOTES REGARDING CONTRACTOR ACCESS AND CONSTRUCTION ACTIVITIES WITHIN THE EXISTING BUILDING.
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5. REPLACE CONCRETE SLAB-ON-GRADE WHERE REMOVED FOR PLUMBING ACCESS.
6. DIMENSIONS ARE TO FACE OF CMU OR FINISHED FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.
7. LOCATE DOOR FRAMES 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
8. ALL OUTSIDE CORNERS OF CMU AT INTERIOR TO BE BULKHOSED.
9. CIVIL ELEVATION: 100'-0" = 862.00'
10. PROVIDE CAST IRON HORIZONTAL DOWNSPOUT BOOT WITH DARK BRONZE FINISH FOR DISCHARGE INTO PIPE AT ALL DOWNSPOUT TIE-IN LOCATIONS.



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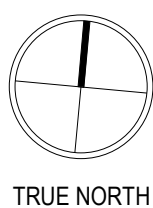
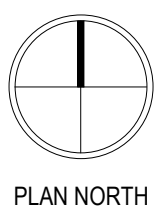
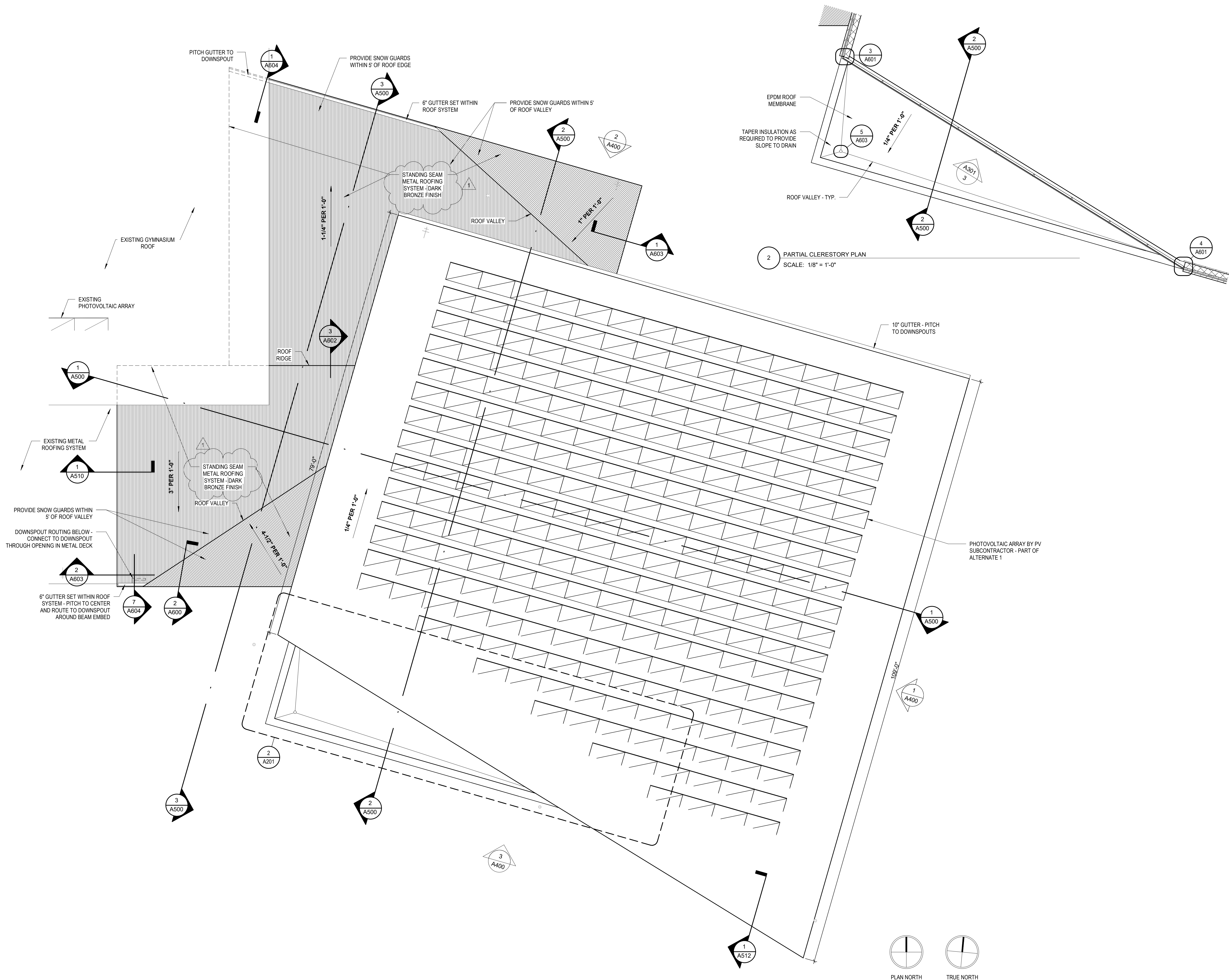
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EXPANSION ROOF PLAN



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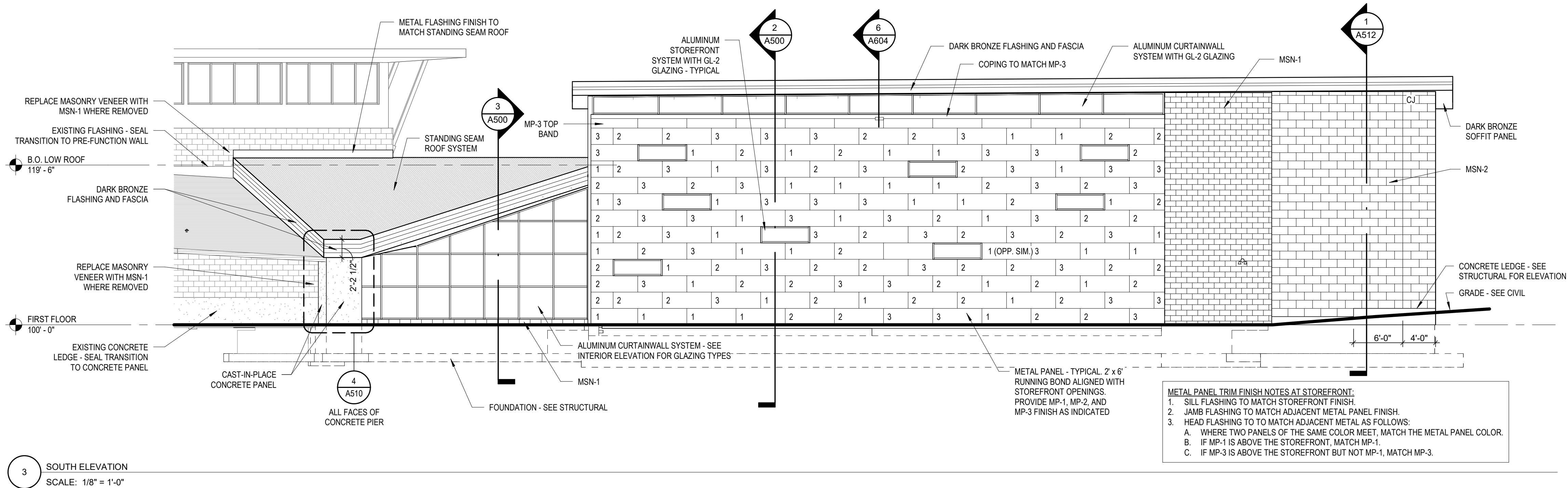
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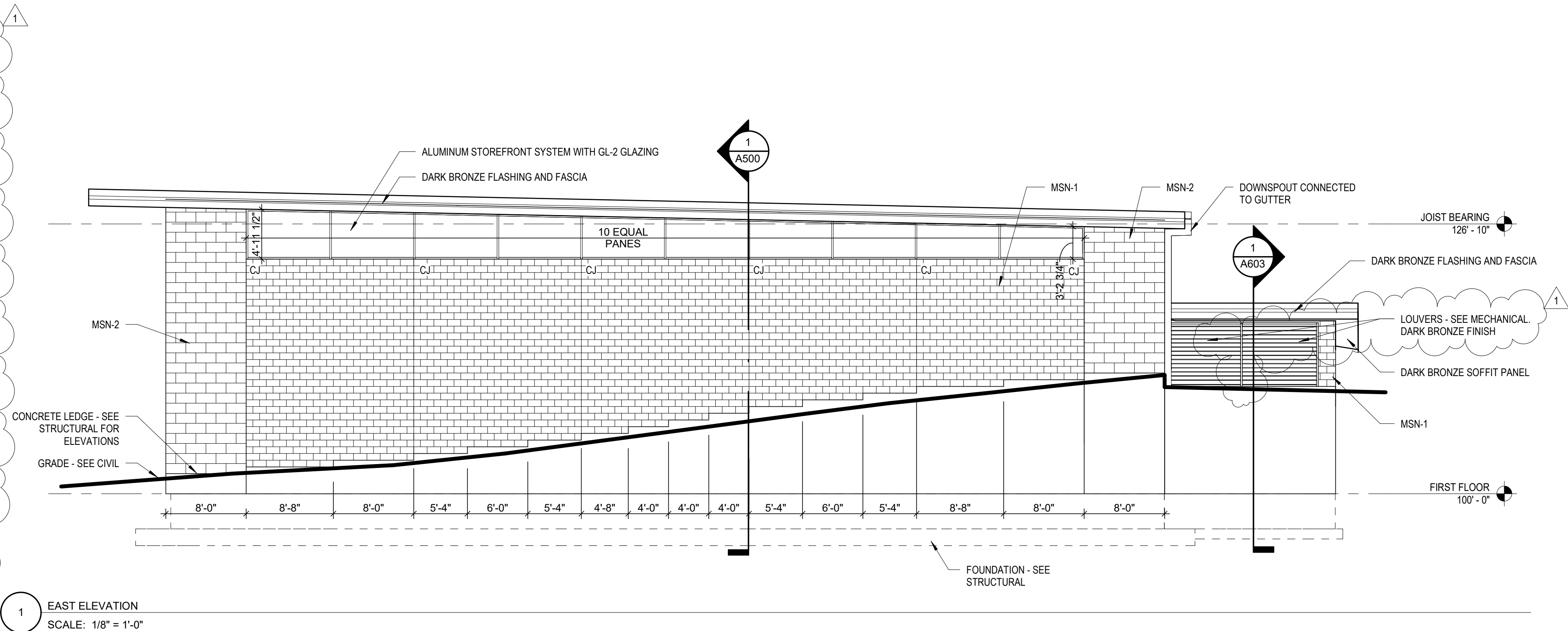
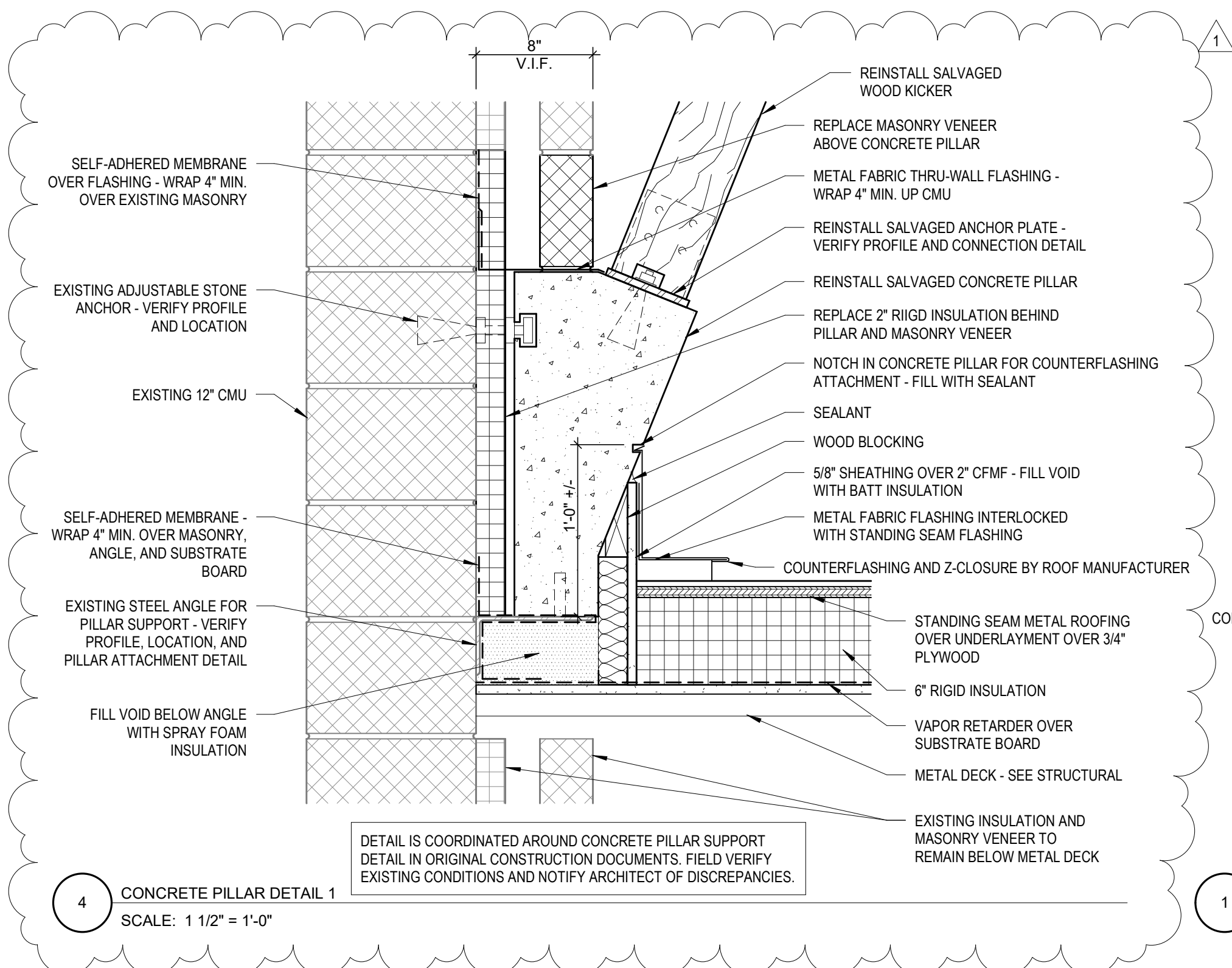
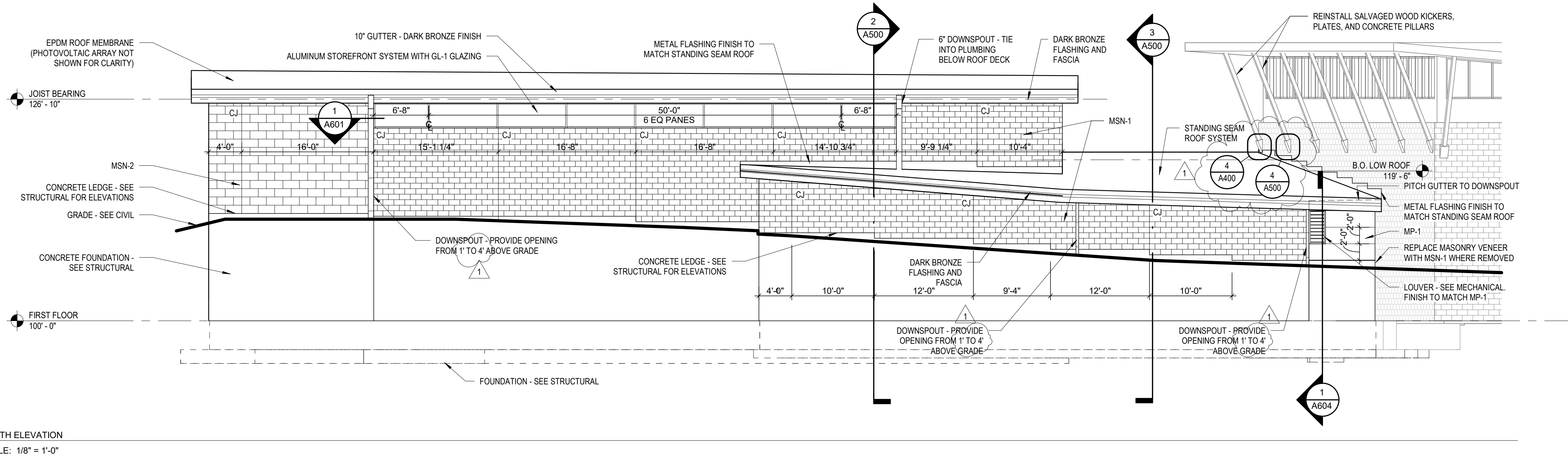
EXTERIOR ELEVATIONS

A400



EXTERIOR FINISH LEGEND

MSN-1	COUNTY MATERIALS DECORATIVE CONCRETE MASONRY COLOR: 18-121C BISQUE (MATCHED TO EXISTING) TEXTURE: SPLITFACE 8" x 16" RUNNING BOND PATTERN
MSN-2	ARRIS-CRAFT THIN-CLAD RENAISSANCE UNITS COLOR: OAK RIDGE TEXTURE: SMOOTH 12" x 24" RUNNING BOND PATTERN
MP-1	DRI-DESIGN EN-V METAL PANEL SYSTEM COLOR: EN-V 008 CITYSCAPE 24" x 72" RUNNING BOND PATTERN
MP-2	DRI-DESIGN EN-V METAL PANEL SYSTEM COLOR: DRI-005 SIERRA TAN 24" x 72" RUNNING BOND PATTERN
MP-3	DRI-DESIGN EN-V METAL PANEL SYSTEM COLOR: EN-V 008 SLATE GRAY 24" x 72" RUNNING BOND PATTERN



WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

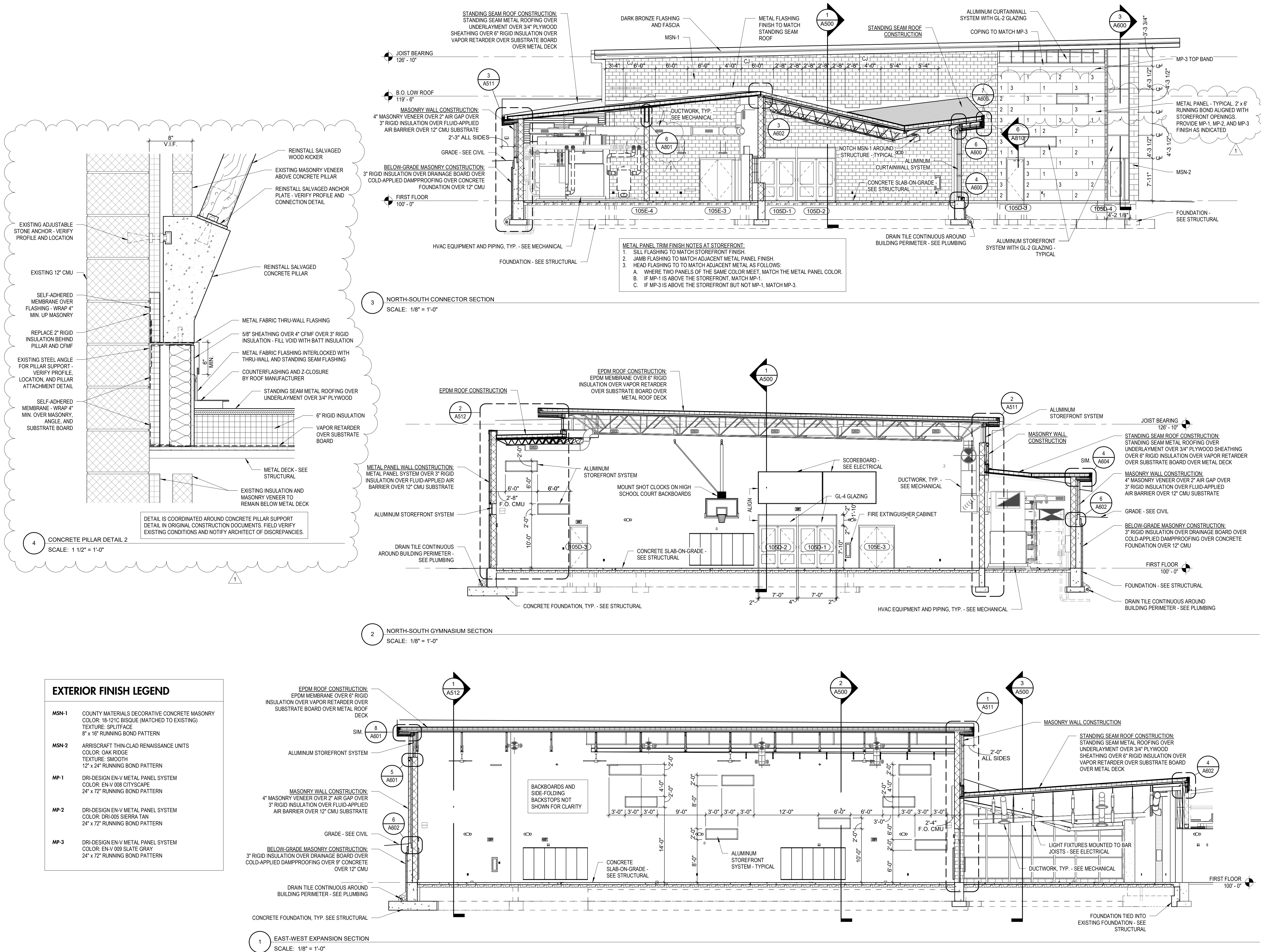
REVISION FOR:

NO.	DESCRIPTION	DATE
1	ADDENDUM #2	6/13/2024

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CHECKED BY JWH

BUILDING SECTIONS



A500

WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

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REVISION FOR:

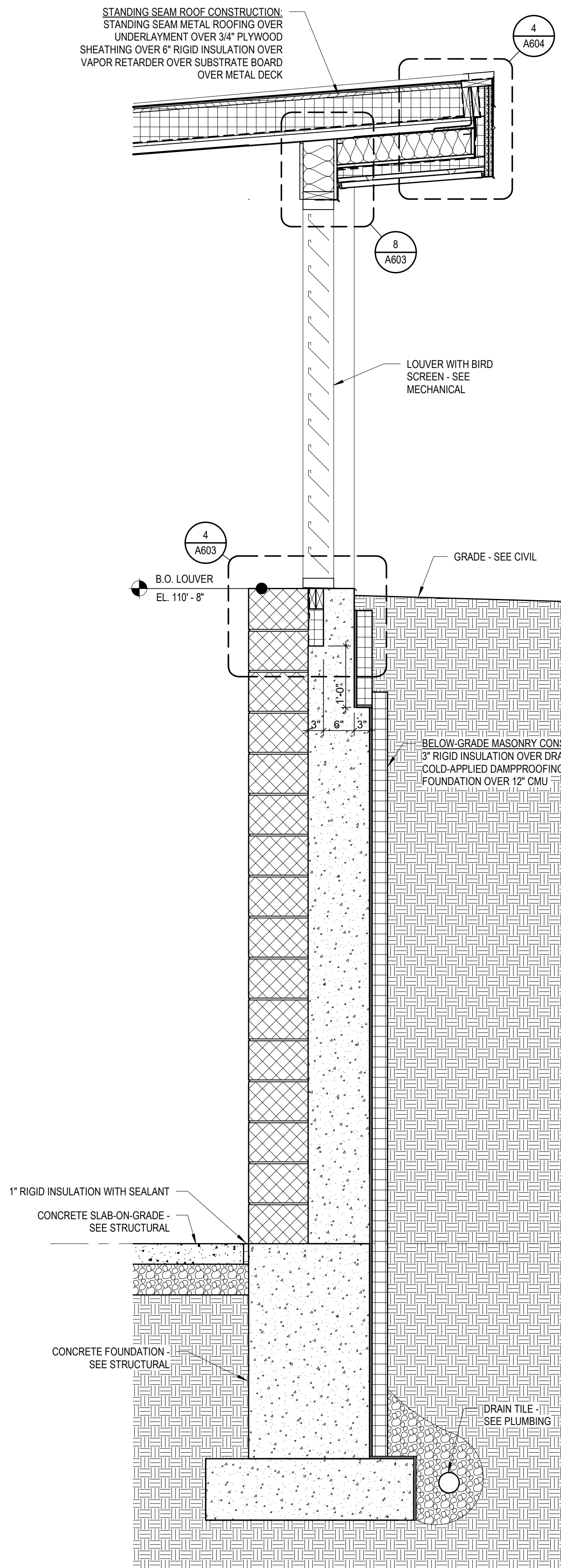
NO.	DESCRIPTION	DATE
1	ADDENDUM #2	6/13/2024

DRAWN BY DKB

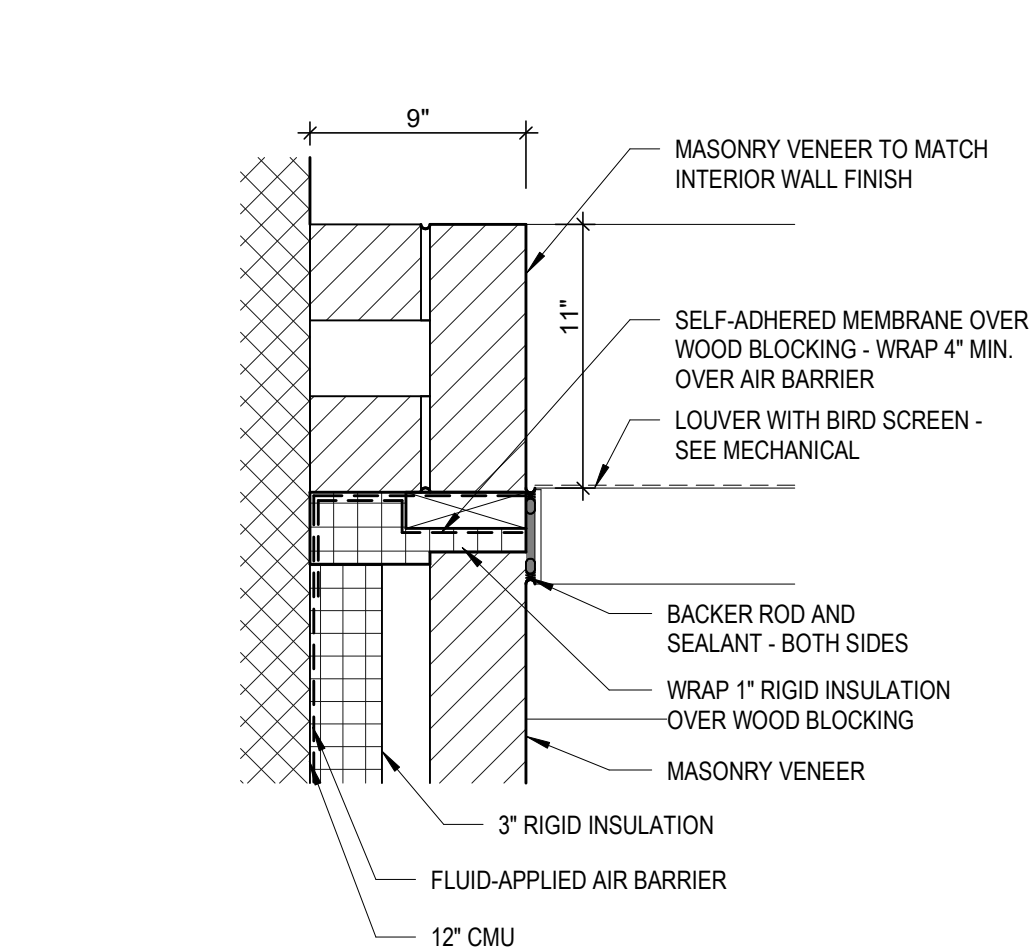
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EXTERIOR DETAILS

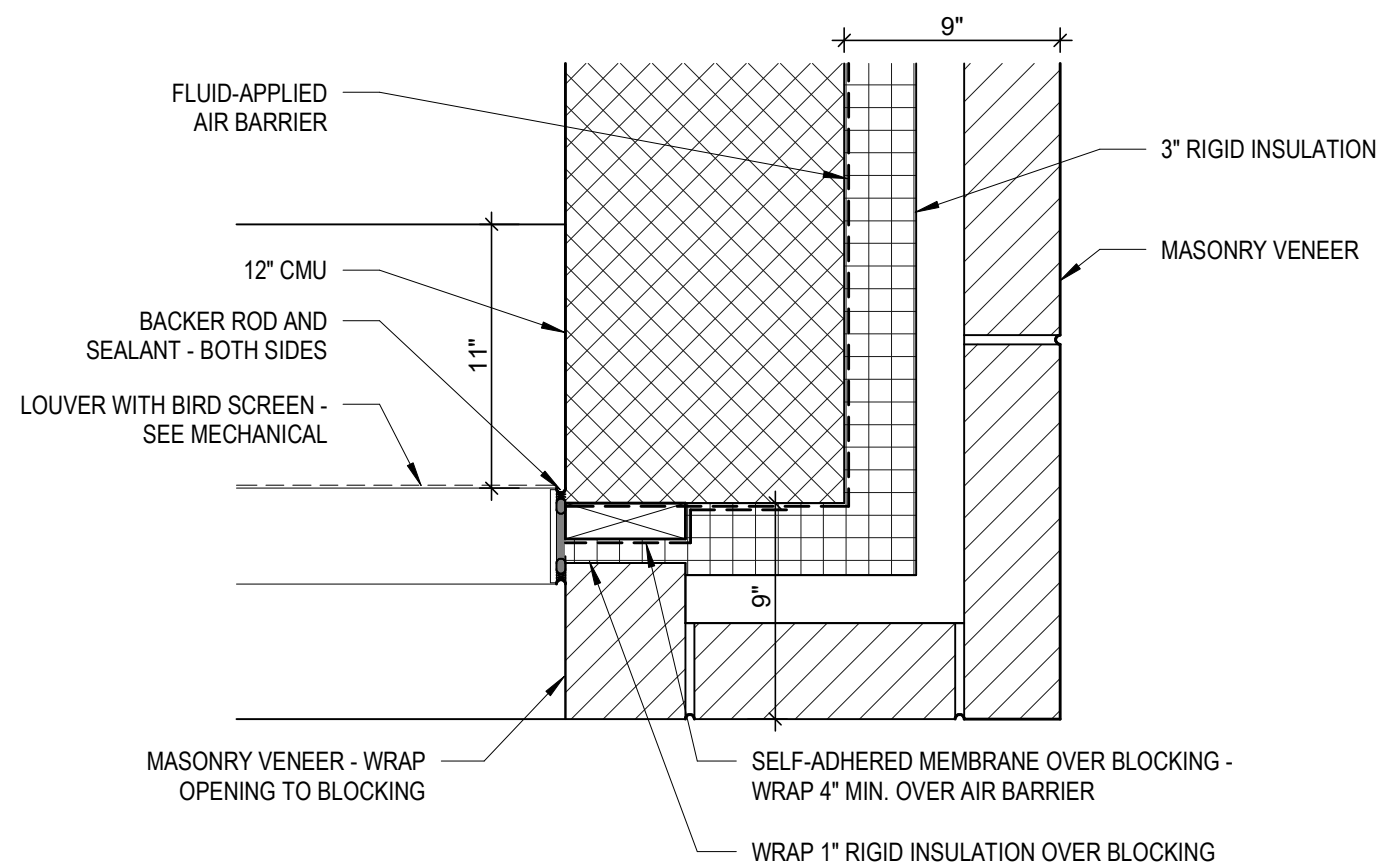
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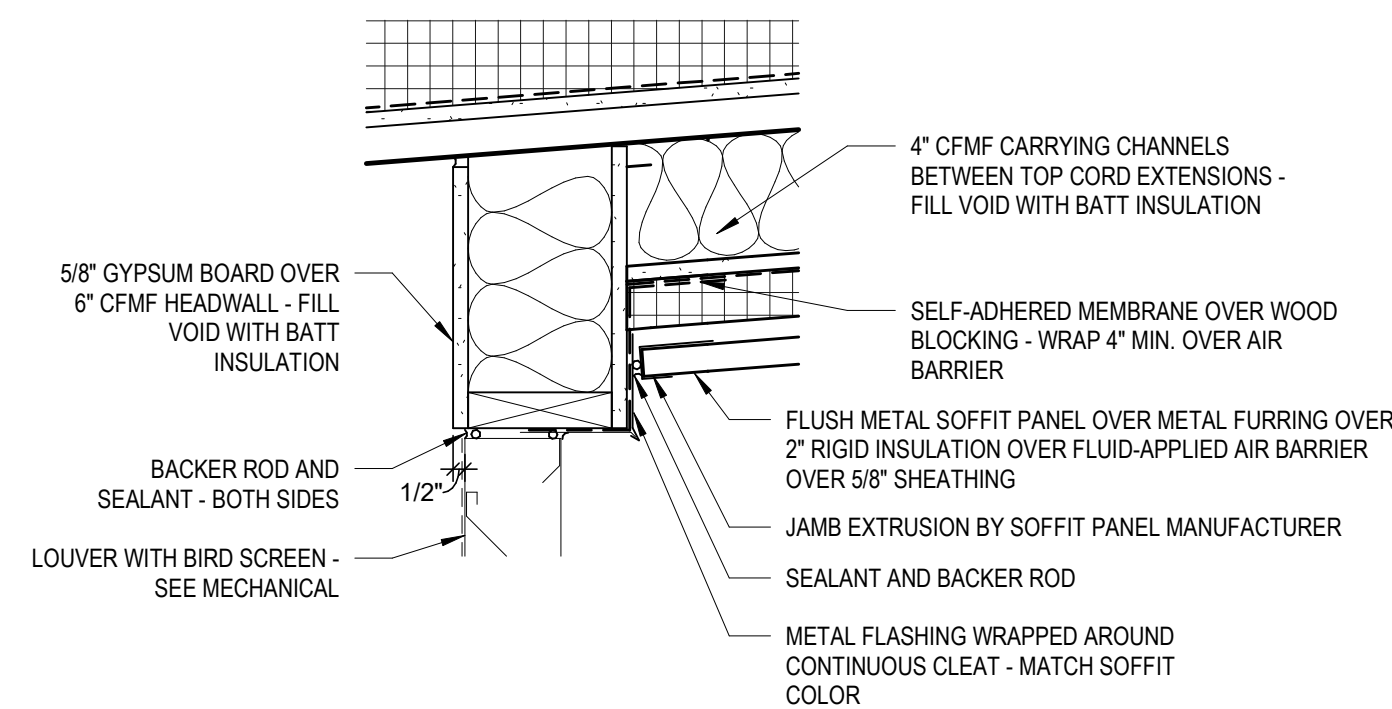
1 EAST WALL LOUVER SECTION
SCALE: 3/4" = 1'-0"



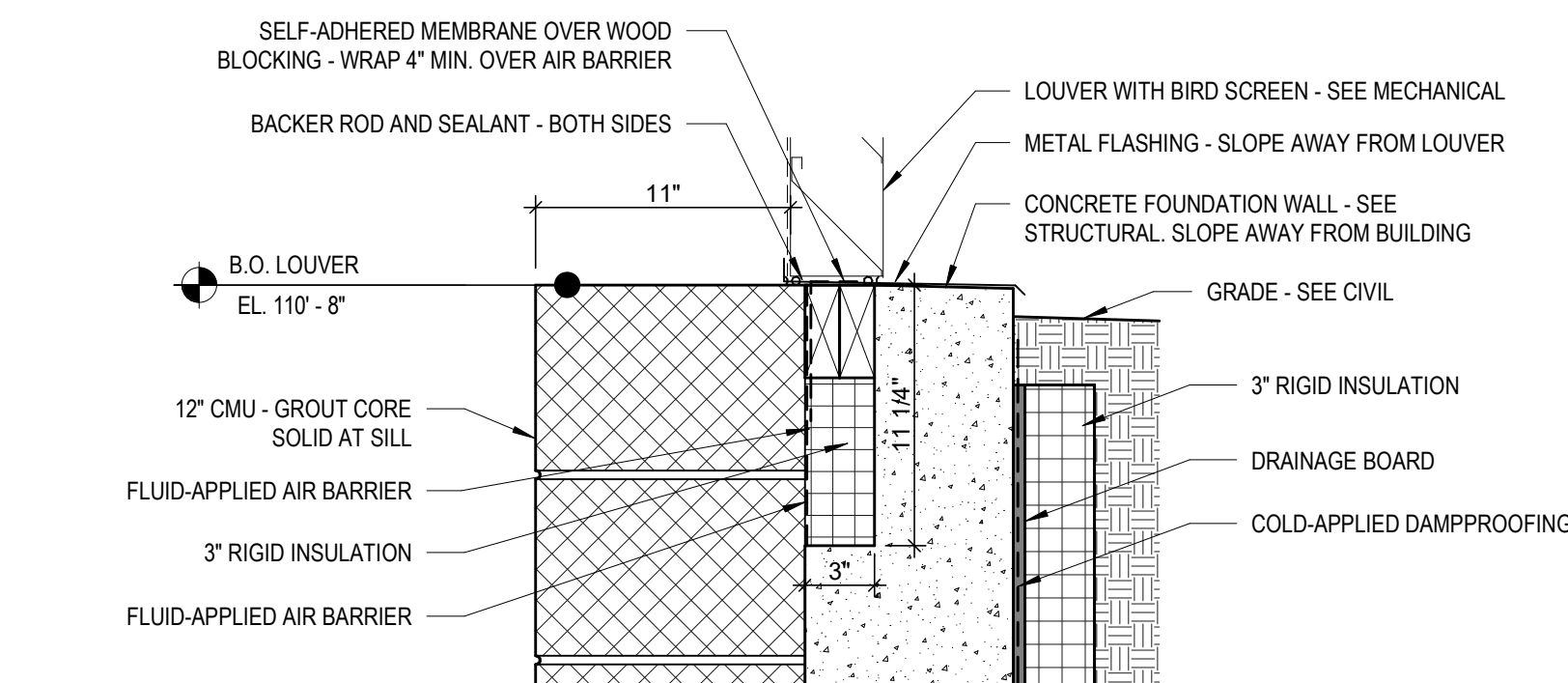
6 LOUVER JAMB @ GYM
SCALE: 1 1/2" = 1'-0"



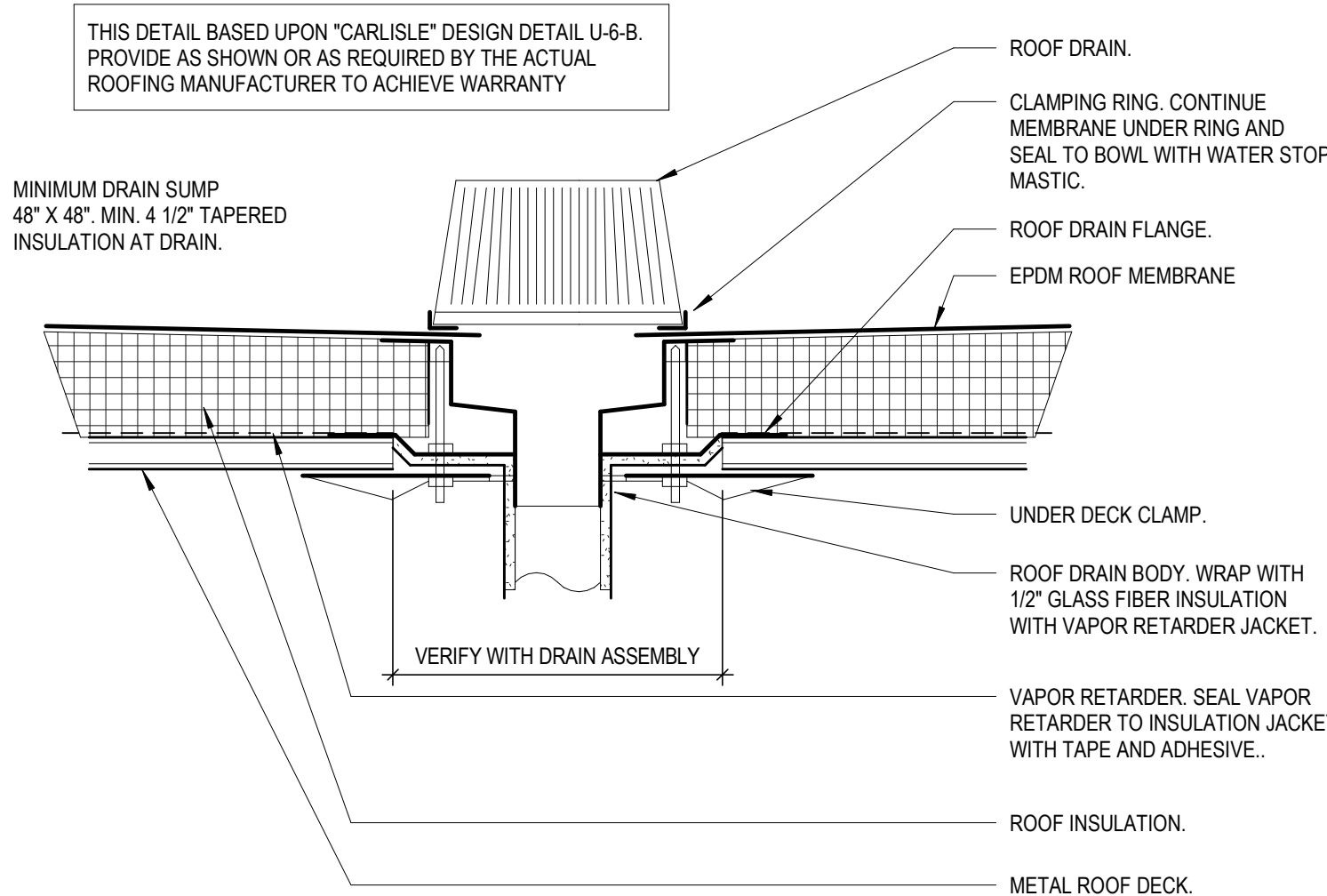
7 LOUVER JAMB @ EXT.
SCALE: 1 1/2" = 1'-0"



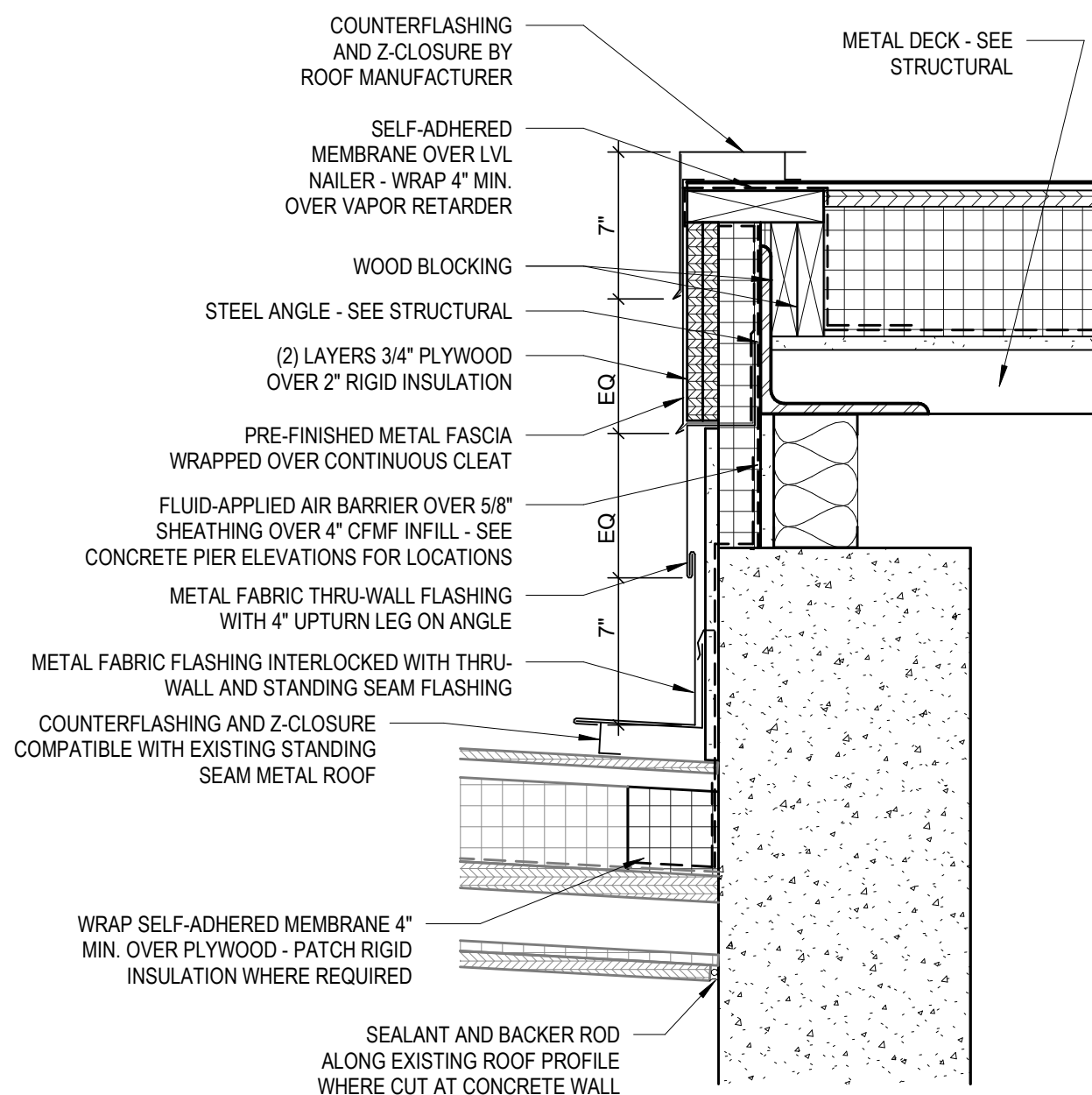
8 LOUVER HEAD
SCALE: 1 1/2" = 1'-0"



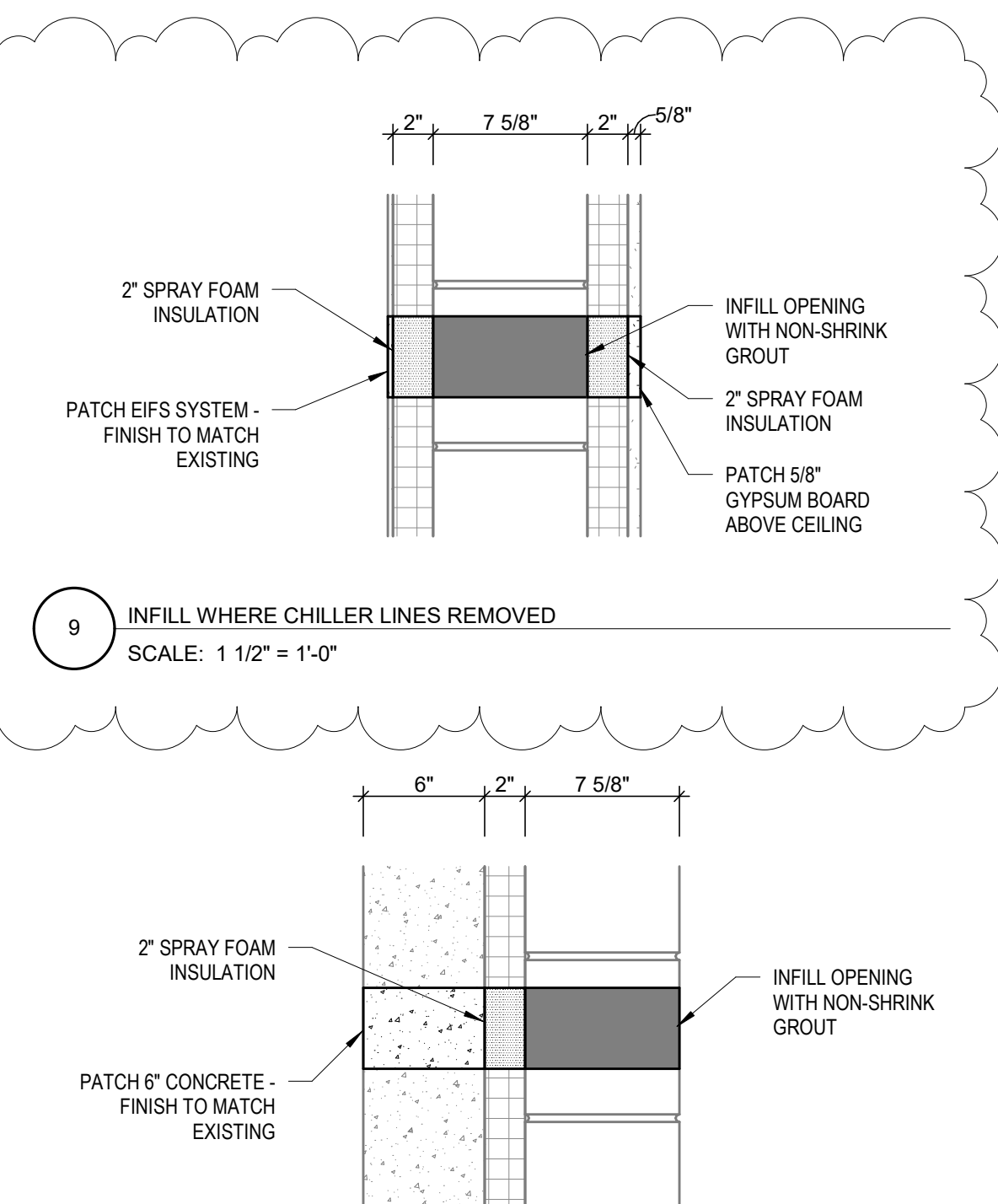
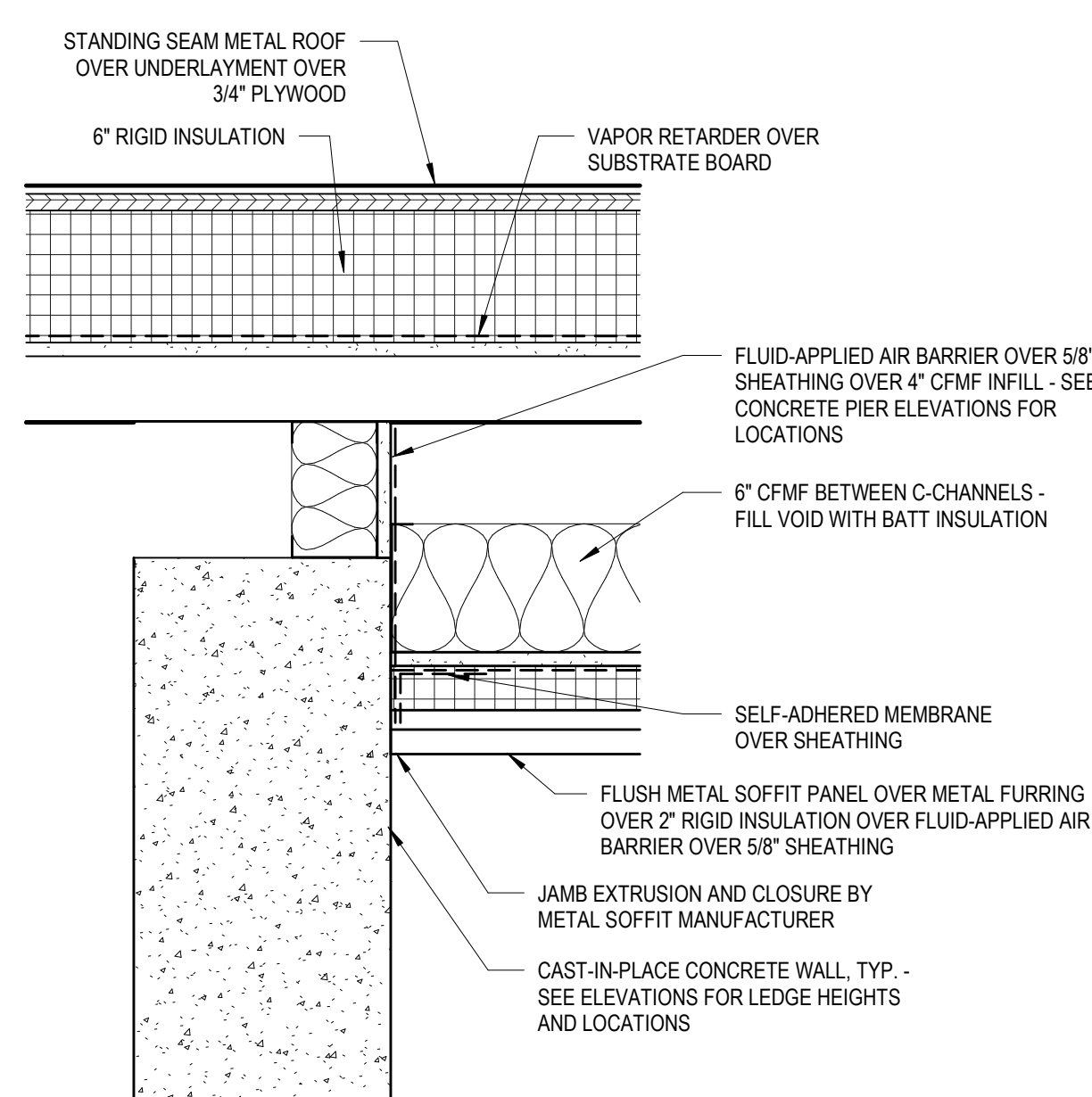
4 LOUVER SILL @ MASONRY
SCALE: 1 1/2" = 1'-0"



5 ROOF DRAIN
SCALE: 1 1/2" = 1'-0"



2 STANDING SEAM @ CONCRETE
SCALE: 1 1/2" = 1'-0"



3 INFILL WHERE FDC REMOVED
SCALE: 1 1/2" = 1'-0"



1625 NORTHPORT DRIVE
MADISON, WI 53704

CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER	223471.00
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ISSUED FOR:

BID SET 5/16/2024

REVISION FOR:

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A610

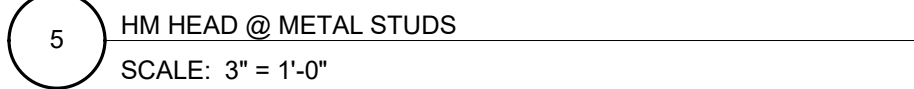
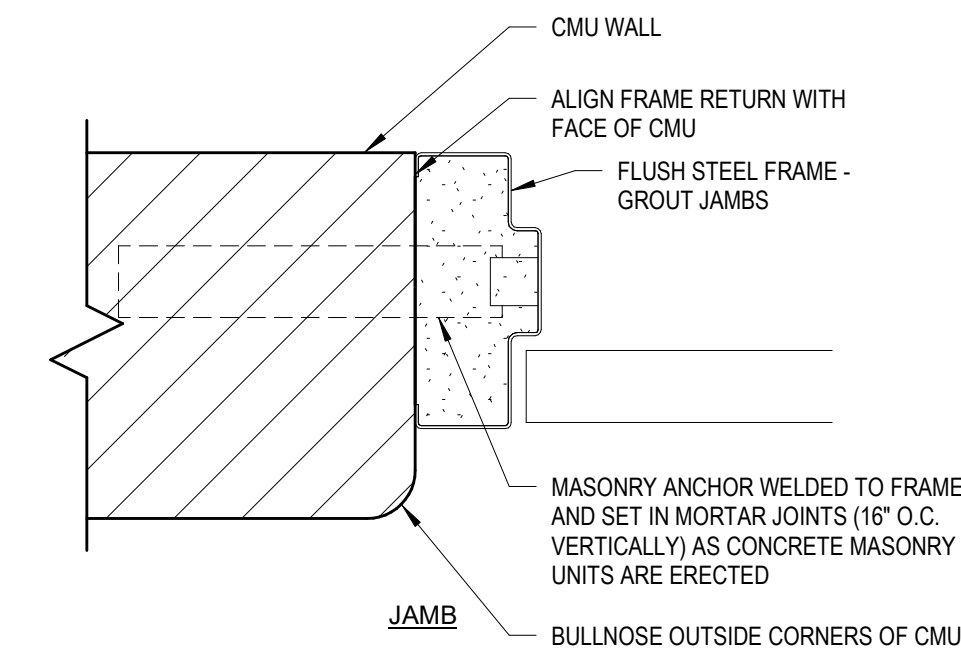
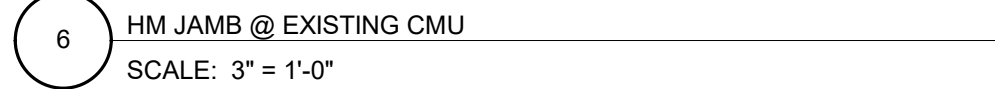
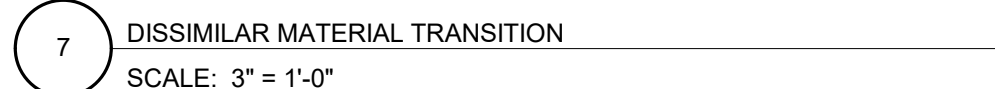


Figure 1: Typical Door Types. The figure consists of six diagrams labeled A through F, illustrating different door configurations. Diagrams A, B, and C show single doors with various dimensions and glazing options. Diagrams D, E, and F show double doors with similar dimensions and glazing options. The diagrams include labels for 'AS SCHEDULED' dimensions, 'GL-3 GLAZING', and 'GL-4 GLAZING'.



FINISH SCHEDULE									
RM #	ROOM NAME	FLOORS	BASE	WALL FINISH				CEILING	REMARKS
		FINISH	FINISH	NORTH FINISH	EAST FINISH	SOUTH FINISH	WEST FINISH	FINISH	
102	EXERCISE	RF-1/RF-2	RB-1	PT-1/PT-2	PT-7	EX/PT-7	PT-5	OTS/EX	PAINT EXPOSED STRUCTURE AND UTILITIES TO MATCH EXISTING
103	OFFICE	RF-2	RB-1	PT-1	PT-1	PT-1	PT-1	OTS/EX	PAINT EXPOSED STRUCTURE AND UTILITIES TO MATCH EXISTING
105A	CORRIDOR	EX/CPT-3/CPT-4	SEE PLAN	EX/PT-4/DP-1	NA	PT-6/DP-1	NA	PL/WAP-1	
105B	COMFORT	CPT-3	RB-1	PT-1	PT-6	PT-1	PT-1	GWB/PT-10	
105C	PRE-FUNCTION	TZ-1/TZ-2/TZ-3	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN	DP-1/PT-2/PT-6	OTS/PT-11	
105D	GYMNASIUM	RSF-1/RSF-2	RB-1	CMU-1	CMU-1	CMU-1	CMU-1	OTS/PT-11	PAINT HEADWALLS ABOVE STOREFRONT TO MATCH METAL DECK
105E	STORAGE	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	OTS	
105F	MECHANICAL	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	OTS	
110	STORAGE	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	GWB/PT-9	
111	CORRIDOR	CPT-1/CPT-2	RB-1	PT-2	PT-1	PT-3	PT-2	GWB/PT-10	
111A	LOCKER ROOM	CPT-1/CPT-2	CTB-1	PT-3/PT-1	PT-3/PT-1	PT-1	PT-1/PT-3/CT-4	GWB/PT-9	SEE ELEVATIONS
111B	SHOWER	CT-2	CTB-1	SS-1	SS-1/PT-1	PT-1	SS-1/PT-1	GWB/PT-9	SEE ELEVATIONS
111C	WOMENS	CT-1	CTB-1	CT-3	PT-1	CT-3/CT-4	CT-3	GWB/PT-9	SEE ELEVATIONS
111D	MENS	CT-1	CTB-1	CT-3/CT-4	PT-1	CT-3	CT-3	GWB/PT-9	SEE ELEVATIONS
111F	ADA TOILET	CT-1	CTB-1	PT-1	CT-3/CT-4	CT-3	PT-1	GWB/PT-9	SEE ELEVATIONS
111G	ADA TOILET	CT-1	CTB-1	PT-1	PT-1	CT-3	CT-3/CT-4	GWB/PT-9	SEE ELEVATIONS

GENERAL NOTES - FINISHES

CPT-3 FLOOR FINISH

CPT-4 FLOOR FINISH

TZ-1 FLOOR FINISH

TZ-2 FLOOR FINISH

TZ-3 FLOOR FINISH

1. EXISTING FINISHES TO REMAIN IN ALL ROOMS NOT LISTED ON FINISH SCHEDULE.

2. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.

3. PAINT EXPOSED STRUCTURE AND MEP+FP UTILITIES TO MATCH ADJACENT WALL OR CEILING. PATCH AND PAINT EXISTING EXPOSED STRUCTURE AND MEP+FP UTILITIES WHERE WALLS AND OTHER ITEMS REMOVED.

4. SEE DOOR SCHEDULE FOR DOOR FRAMES TO BE PAINTED.

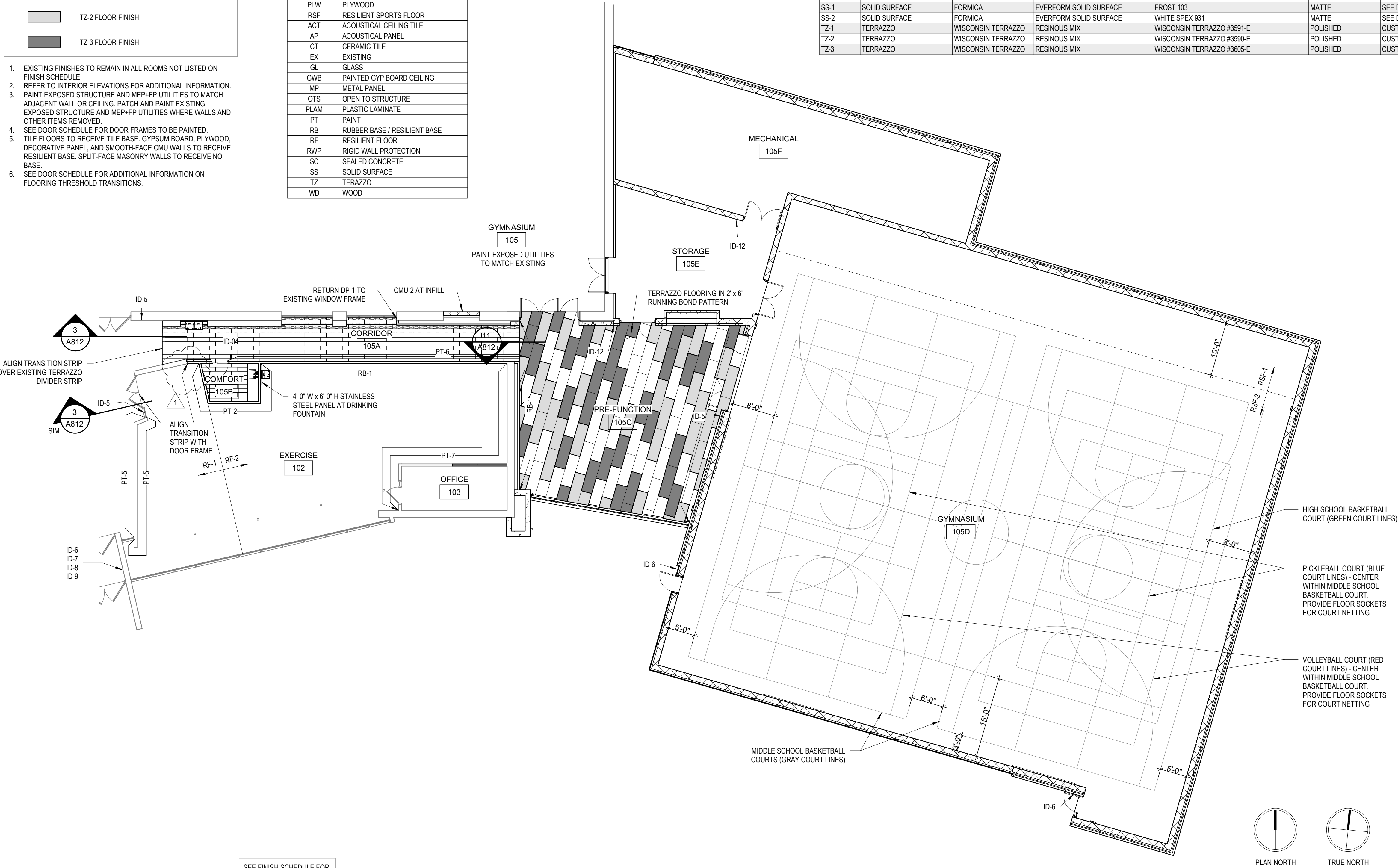
5. TILE FLOORS TO RECEIVE TILE BASE. GYPSUM BOARD, PLYWOOD, DECORATIVE PANEL, AND SMOOTH-FACE CMU WALLS TO RECEIVE RESILIENT BASE. SPLIT-FACE MASONRY WALLS TO RECEIVE NO BASE.

6. SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION ON FLOORING THRESHOLD TRANSITIONS.

ABBREVIATIONS - FINISH

FINISH TAG	FINISH DESCRIPTION
CMU-1	CMU
CMU-2	CMU
CPT	CARPET TILE
DP	DECORATIVE PANEL
PLW	PLYWOOD
RSF	RESILIENT SPORTS FLOOR
ACT	ACOUSTICAL CEILING TILE
AP	ACOUSTICAL PANEL
CT	CERAMIC TILE
EX	EXISTING
GL	GLASS
GWB	PAINTED GYP BOARD CEILING
MP	METAL PANEL
OTS	OPEN TO STRUCTURE
PLAM	PLASTIC LAMINATE
PT	PAINT
RB	RUBBER BASE / RESILIENT BASE
RF	RESILIENT FLOOR
RWP	RIGID WALL PROTECTION
SC	SEALED CONCRETE
SS	SOLID SURFACE
TZ	TERRAZZO
WD	WOOD

FINISH KEY							
TAG	PRODUCT	MANUFACTURER	COLLECTION/STYLE	COLOR	FINISH	SIZE	NOTES
AP-1	ACOUSTIC PANEL	ARKTURA	VAPOR TRAIL	ARKTURA WHITE	MATTE	24" X 48"	
CMU-1	CONCRETE MASONRY UNIT	COUNTY MATERIALS CORP.	SPLITFACE/SMOOTHFACE	SANDSTONE 18-314C	SMOOTH	8" X 16"	
CMU-2	CONCRETE MASONRY UNIT	COUNTY MATERIALS CORP.	PREMIER ULTRA BURNISHED	NORTH STAR 63-222B	SMOOTH	8" X 16"	
CPT-1	CARPET TILE	FORBO	FLOTEX/SEAGRASS	ALMOND 111003	STANDARD	9.5"X 39.4"	BRICK PATTERN INSTALLATION/50% OF COLOR MIX
CPT-2	CARPET TILE	FORBO	FLOTEX/SEAGRASS	CHARCOAL 111004	STANDARD	9.5"X 39.4"	BRICK PATTERN INSTALLATION/50% OF COLOR MIX
CPT-3	CARPET TILE	FORBO	FLOTEX/SEAGRASS	WALNUT 111005	STANDARD	9.5"X 39.4"	BRICK PATTERN INSTALLATION
CPT-4	CARPET TILE	FORBO	FLOTEX/SEAGRASS	LIQUORICE 111006	STANDARD	9.5"X 39.4"	BRICK PATTERN INSTALLATION
CT-1	CERAMIC TILE	DALTILE	FABRIC ART/MODERN LINEAR	TAUPE ML62	MATTE	12" X 24"	
CT-2	CERAMIC TILE	DALTILE	FABRIC ART/MODERN TEXTILE	TAUPE MT52	MATTE	1" X 3" MOSAIC	
CT-3	CERAMIC TILE	DALTILE	FABRIQUE	BLANC LINEN P685	MATTE	12" X 24"	
CT-4	CERAMIC TILE	CAESAR CERAMICHE	COCOON/CADENCE TILE	GLEE	MATTE	8" X 48"	
CTB-1	CERAMIC TILE BASE	DALTILE	FABRIC ART/MODERN LINEAR	TAUPE ML62	MATTE	6" X 12"	
DP-1	DECORATIVE PANEL	ACROVYN	ACROVYN BY DESIGN METALLICS	MEDIUM BRONZE #18172	METALLIC	-	
PT-1	PAINT	BENJAMIN MOORE	WALL PAINT	CLOUD WHITE 967	SEMI-GLOSS	-	
PT-2	PAINT	BENJAMIN MOORE	ACCENT PAINT	EDGEComb GRAY HC-173	SEMI-GLOSS	-	
PT-3	PAINT	SHERWIN WILLIAMS	ACCENT PAINT	REFUGE SW6228	SEMI-GLOSS	-	
PT-4	PAINT	SHERWIN WILLIAMS	ACCENT PAINT	CURIO GRAY SW0024	EGGSHELL	-	
PT-5	PAINT	SHERWIN WILLIAMS	ACCENT PAINT	STILL WATER SW6223	EGGSHELL	-	
PT-6	PAINT	SHERWIN WILLIAMS	ACCENT PAINT	INTERESTING AQUA SW6220	EGGSHELL	-	
PT-7	PAINT	BENJAMIN MOORE	ACCENT PAINT	GRENADA GREEN 432	EGGSHELL	-	
PT-8	PAINT	BENJAMIN MOORE	DOOR FRAME PAINT	DEVONSHIRE GREEN 1489	SEMI-GLOSS	-	
PT-9	PAINT	SHERWIN WILLIAMS	CEILING PAINT	HIGH REFLECTIVE WHITE SW7757	SEMI-GLOSS	-	
PT-10	PAINT	SHERWIN WILLIAMS	CEILING PAINT	HIGH REFLECTIVE WHITE SW7757	FLAT	-	
PT-11	PAINT	BENJAMIN MOORE	CEILING PAINT	DUNE WHITE 968	SEMI-GLOSS	-	
RB-1	RESILIENT BASE	TARKETT	THERMOSET RUBBER	BURNT UMBER 63	SOLID	4" HIGH	
RF-1	RESILIENT FLOOR	TARKETT SPORTS	DROPZONE ELITE	DARK GREY D2502	STANDARD	48" W ROLL	
RF-2	RESILIENT FLOOR	TARKETT SPORTS	DROPZONE ELITE	MED GREY D2504	STANDARD	48" W ROLL	
RSF-1	RESILIENT SPORTS FLOOR	TARKETT SPORTS	OWNSPORTS HPL7	GOLDEN MAPLE	STANDARD	66" W ROLL	CLASS 1 SYSTEM
RSF-2	RESILIENT SPORTS FLOOR	TARKETT SPORTS	OWNSPORTS ACTIVE+	GOLDEN MAPLE	STANDARD	66" W ROLL	CLASS 3 SYSTEM
SC-1	SEALED CONCRETE	-	-	-	-	-	
SS-1	SOLID SURFACE	FORMICA	EVERFORM SOLID SURFACE	FROST 103	MATTE	SEE DETAILS	
SS-2	SOLID SURFACE	FORMICA	EVERFORM SOLID SURFACE	WHITE SPEX 931	MATTE	SEE DETAILS	
TZ-1	TERRAZZO	WISCONSIN TERRAZZO	RESINOUS MIX	WISCONSIN TERRAZZO #3591-E	POLISHED	CUSTOM	
TZ-2	TERRAZZO	WISCONSIN TERRAZZO	RESINOUS MIX	WISCONSIN TERRAZZO #3590-E	POLISHED	CUSTOM	
TZ-3	TERRAZZO	WISCONSIN TERRAZZO	RESINOUS MIX	WISCONSIN TERRAZZO #3605-E	POLISHED	CUSTOM	



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MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

REVISION FOR:

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CHECKED BY JWH

FINISH PLANS &
SCHEDULE

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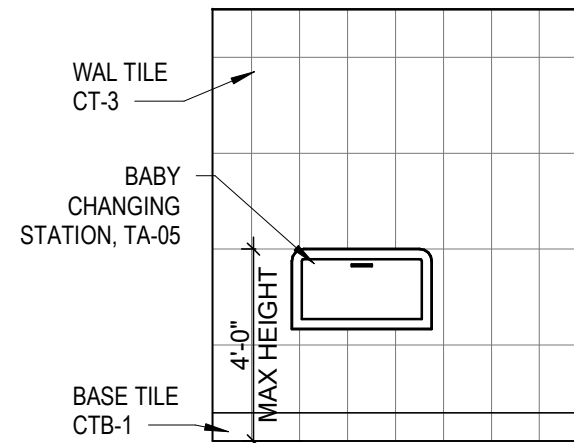
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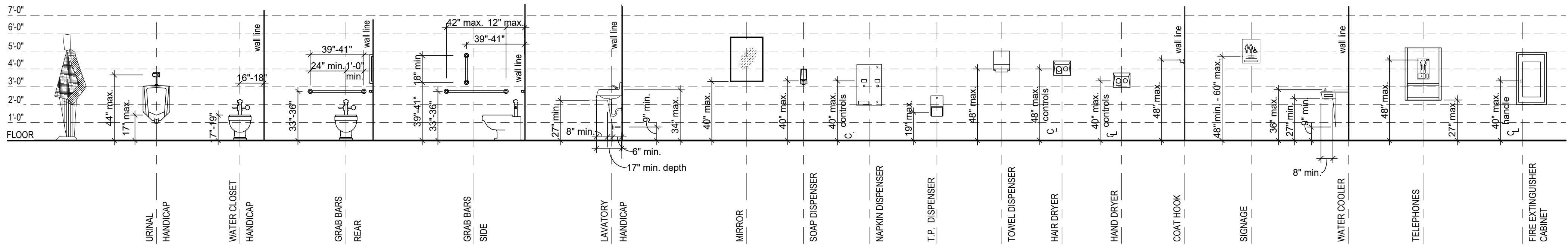
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ENLARGED PLANS &
INTERIOR ELEVATIONS

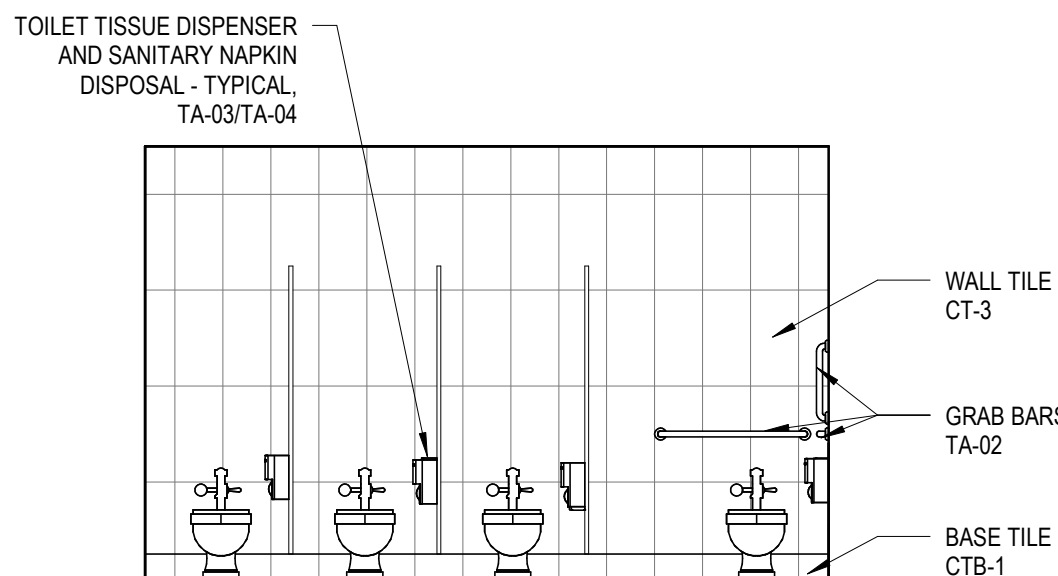
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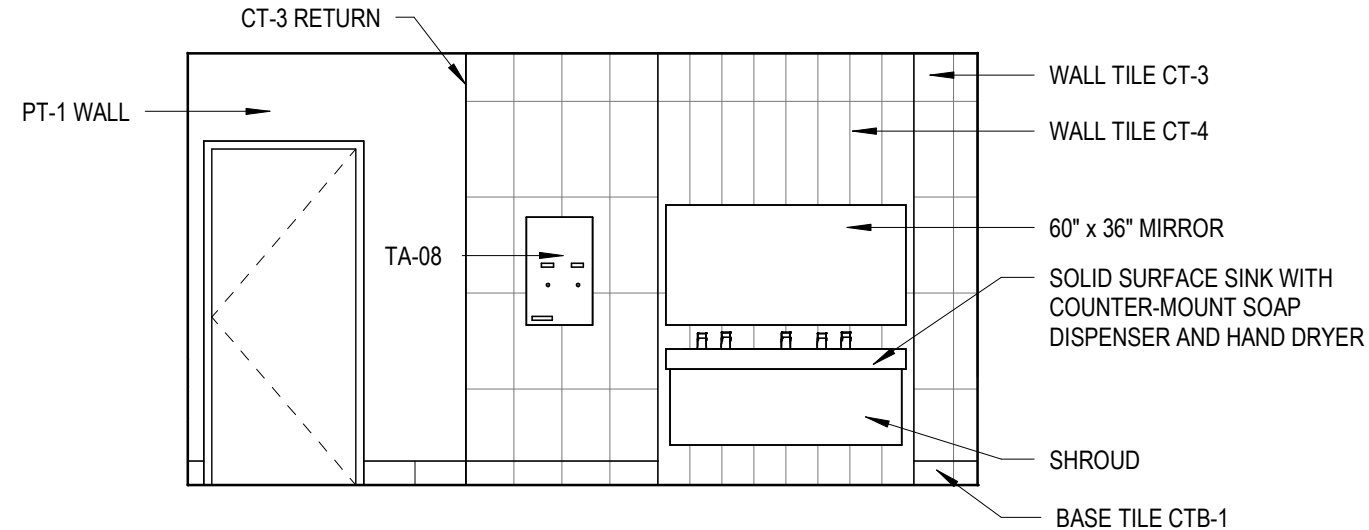
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SCALE: 1/4" = 1'-0"



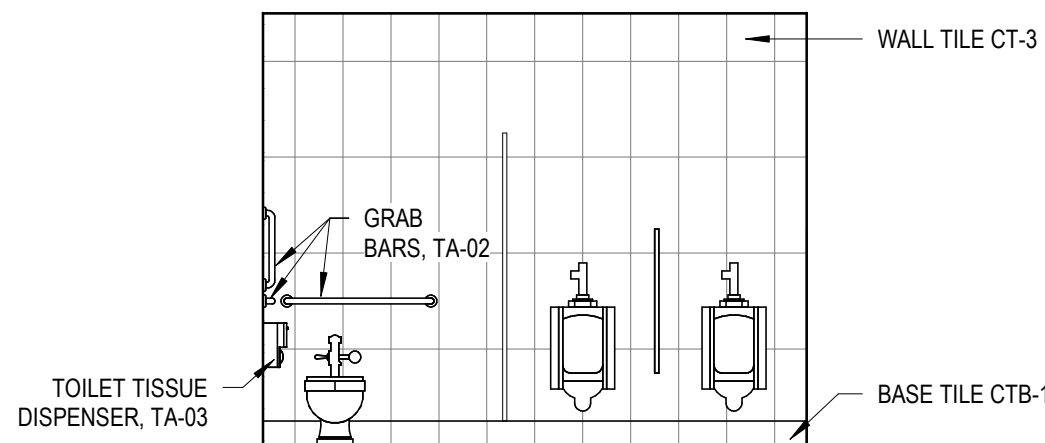
TYPICAL MOUNTING HEIGHTS LEGEND (ANSI)



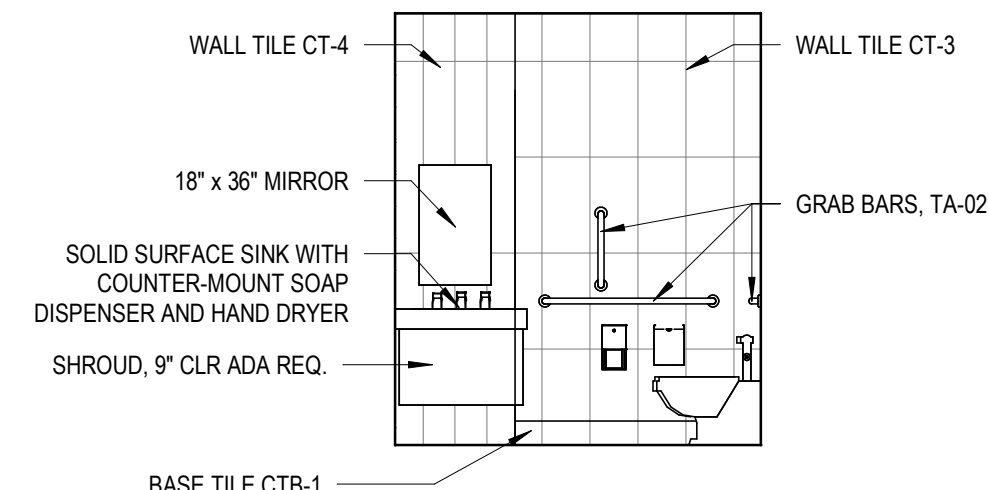
9 111C - NORTH
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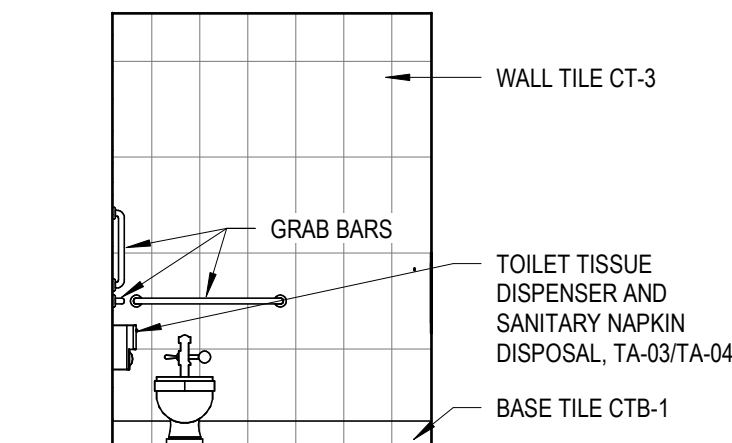
10 111C - SOUTH
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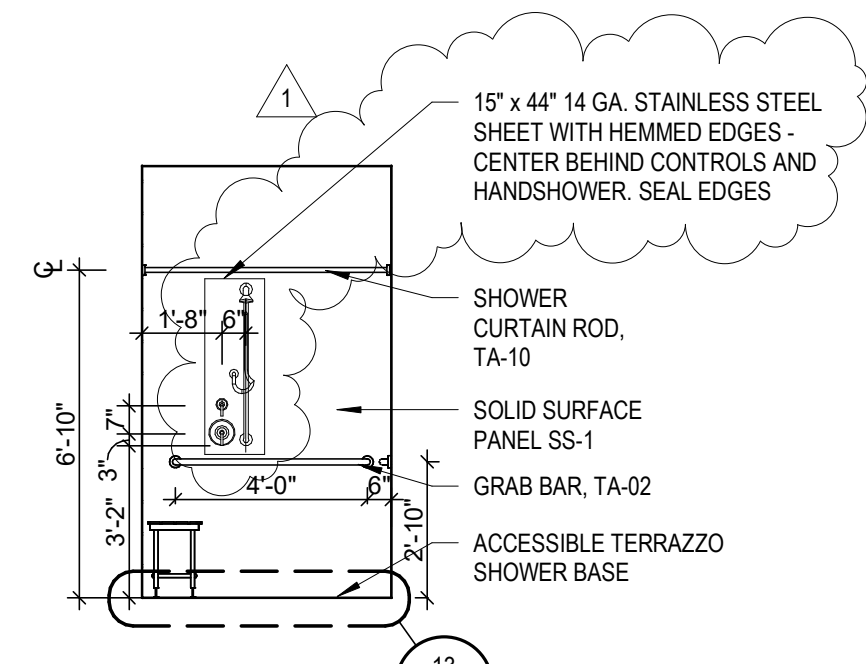
11 111D - SOUTH
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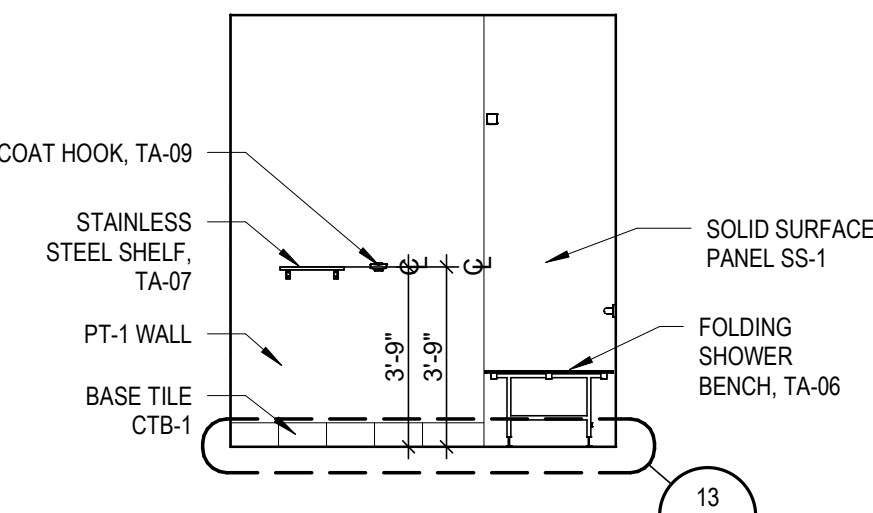
12 111F - EAST
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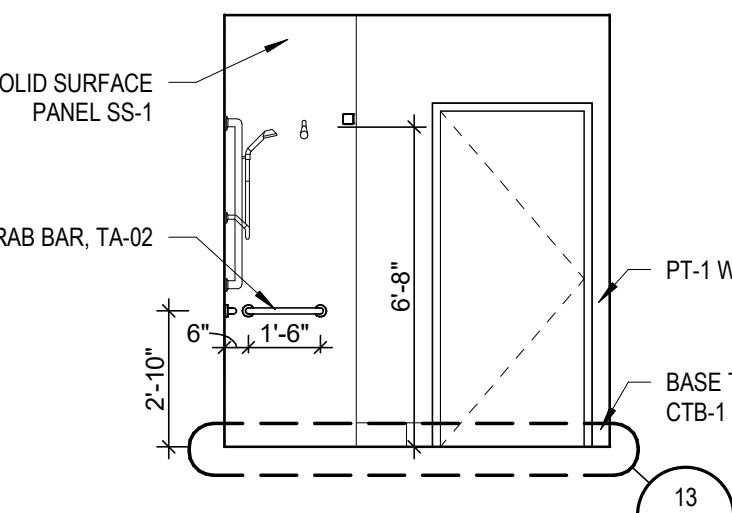
13 111F - SOUTH
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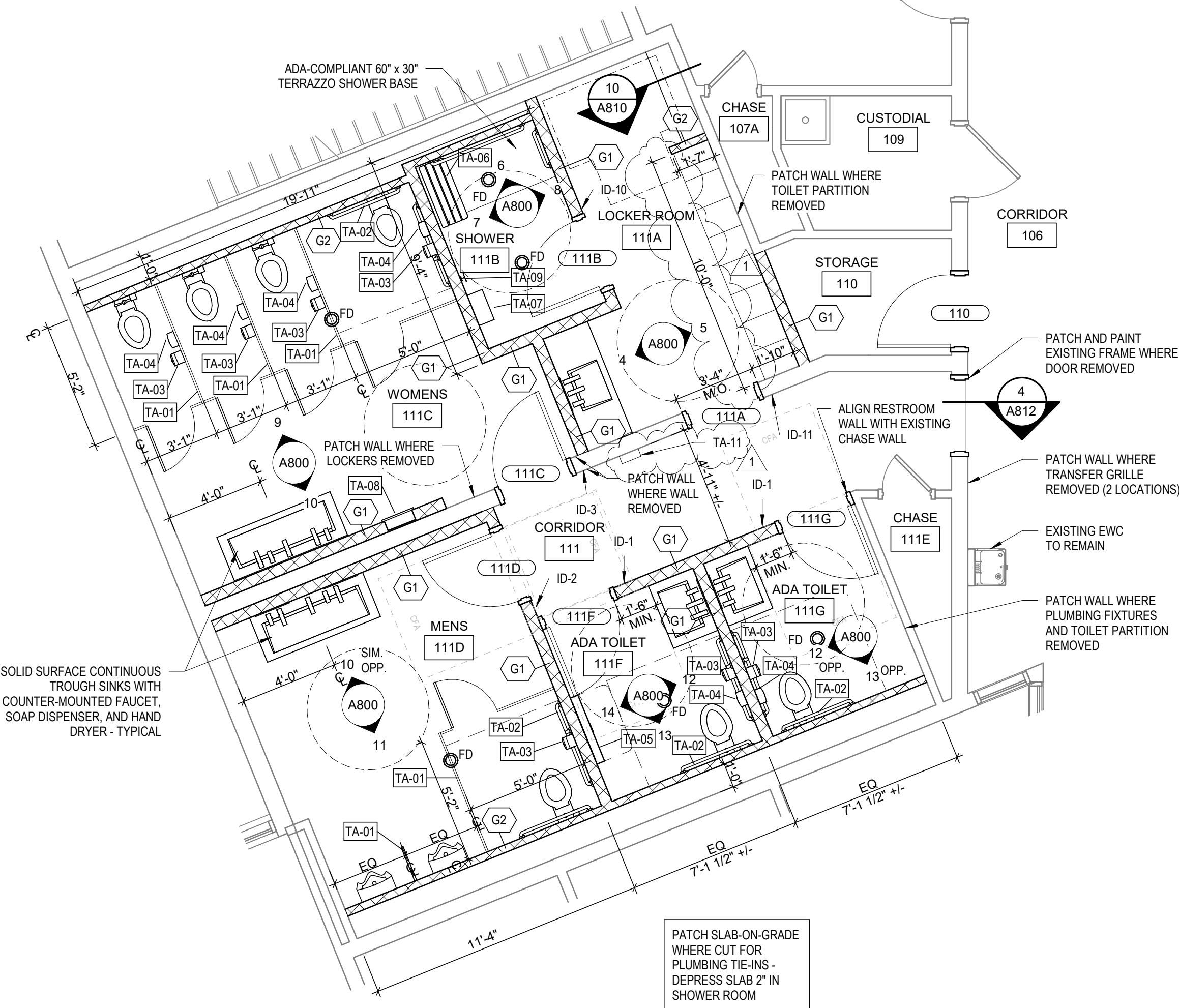
6 111B - NORTH
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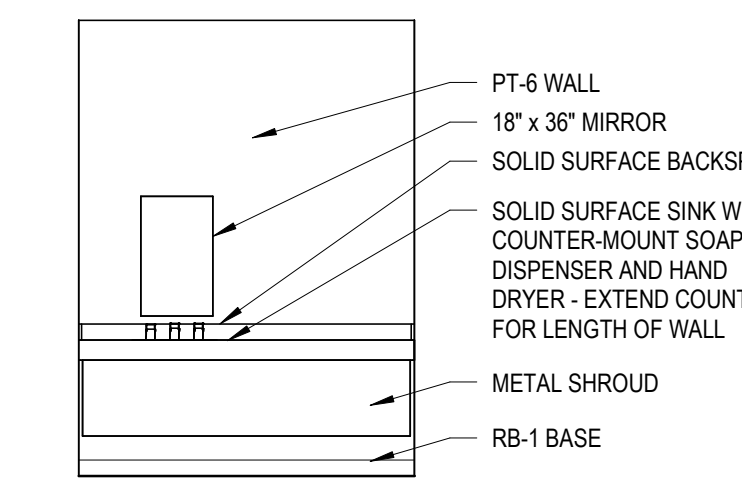
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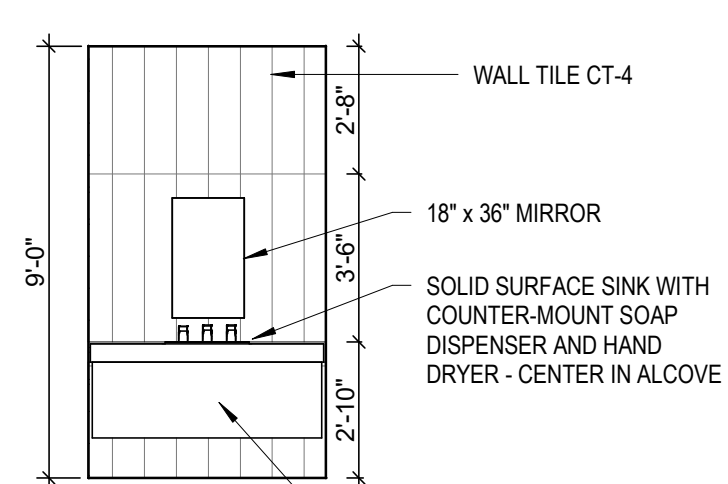
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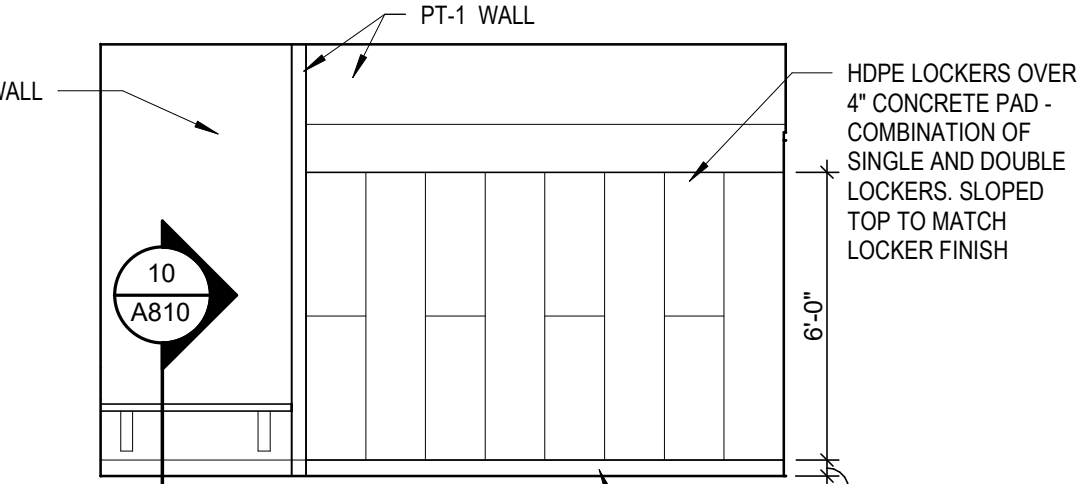
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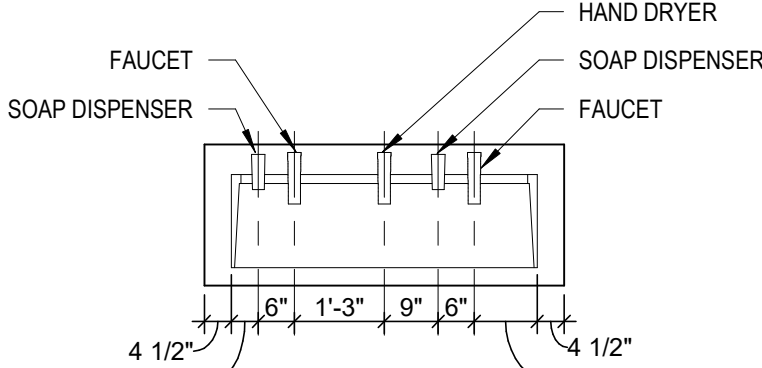
3 105B - EAST
SCALE: 1/4" = 1'-0"



4 111A - WEST
SCALE: 1/4" = 1'-0"



5 111A - EAST
SCALE: 1/4" = 1'-0"



2 SINK DETAILS
SCALE: 3/8" = 1'-0"

ROOM 111C AND 111D

ROOM 111F AND 111G

ROOM 111A

ROOM 111C AND 111D

SEE PLUMBING FOR ADDITIONAL INFORMATION

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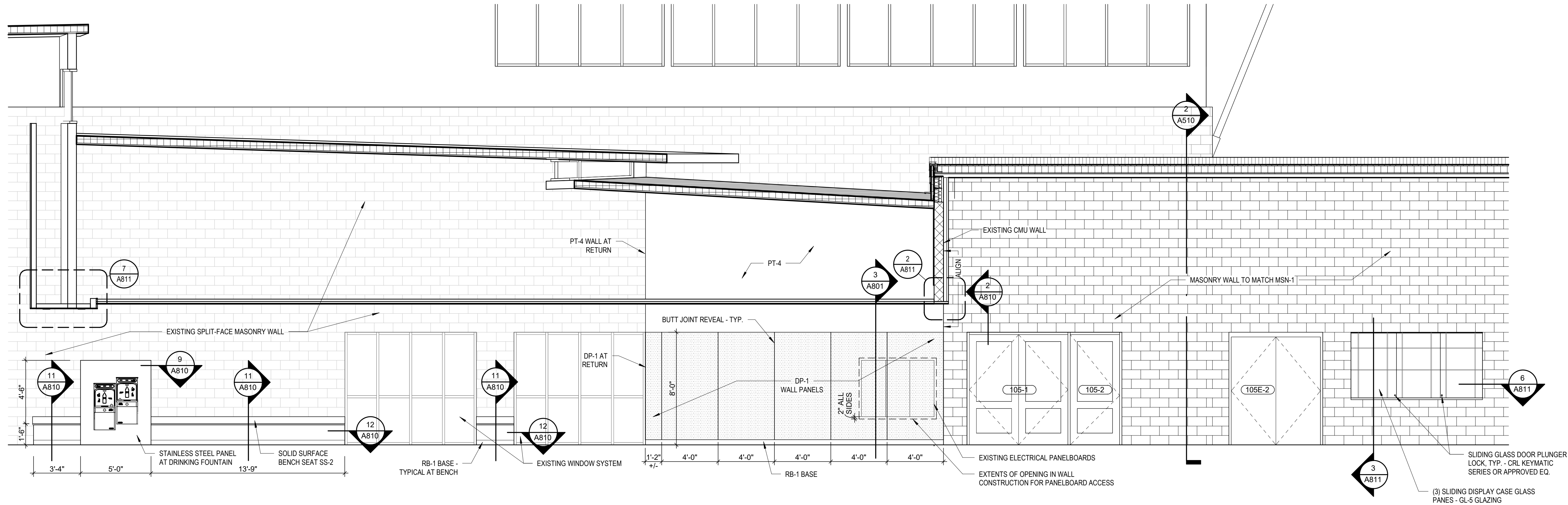
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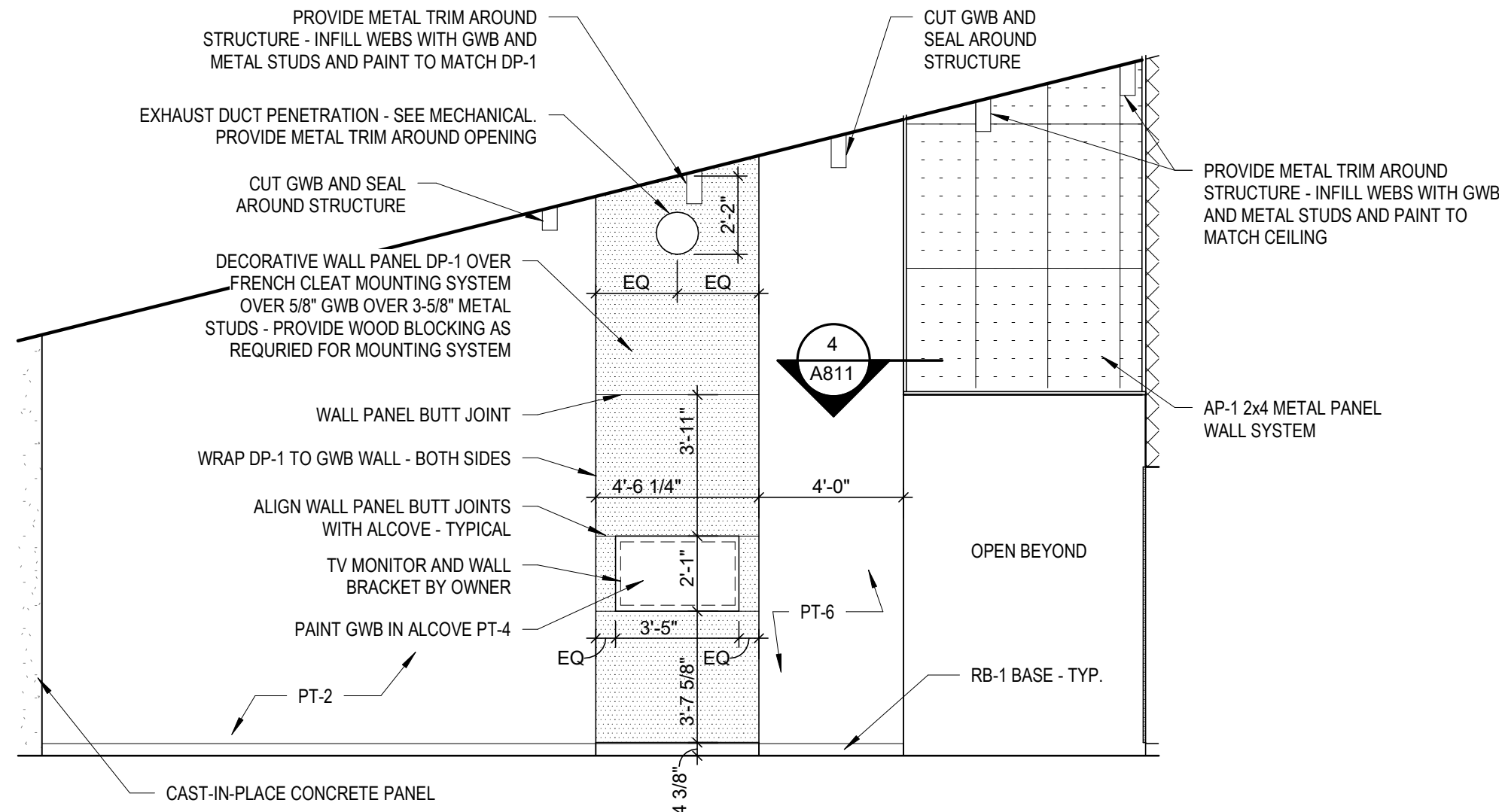
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INTERIOR ELEVATIONS

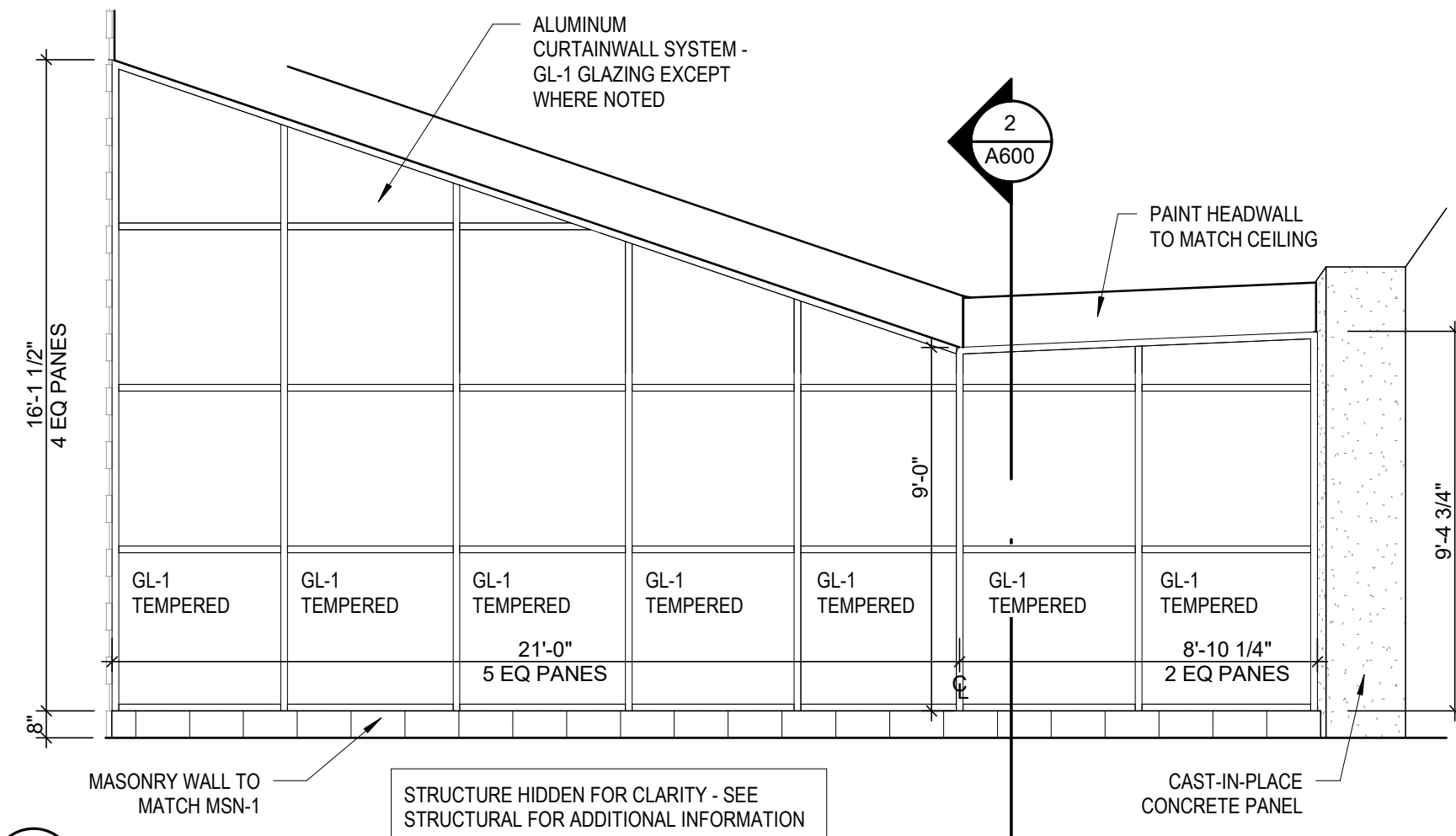
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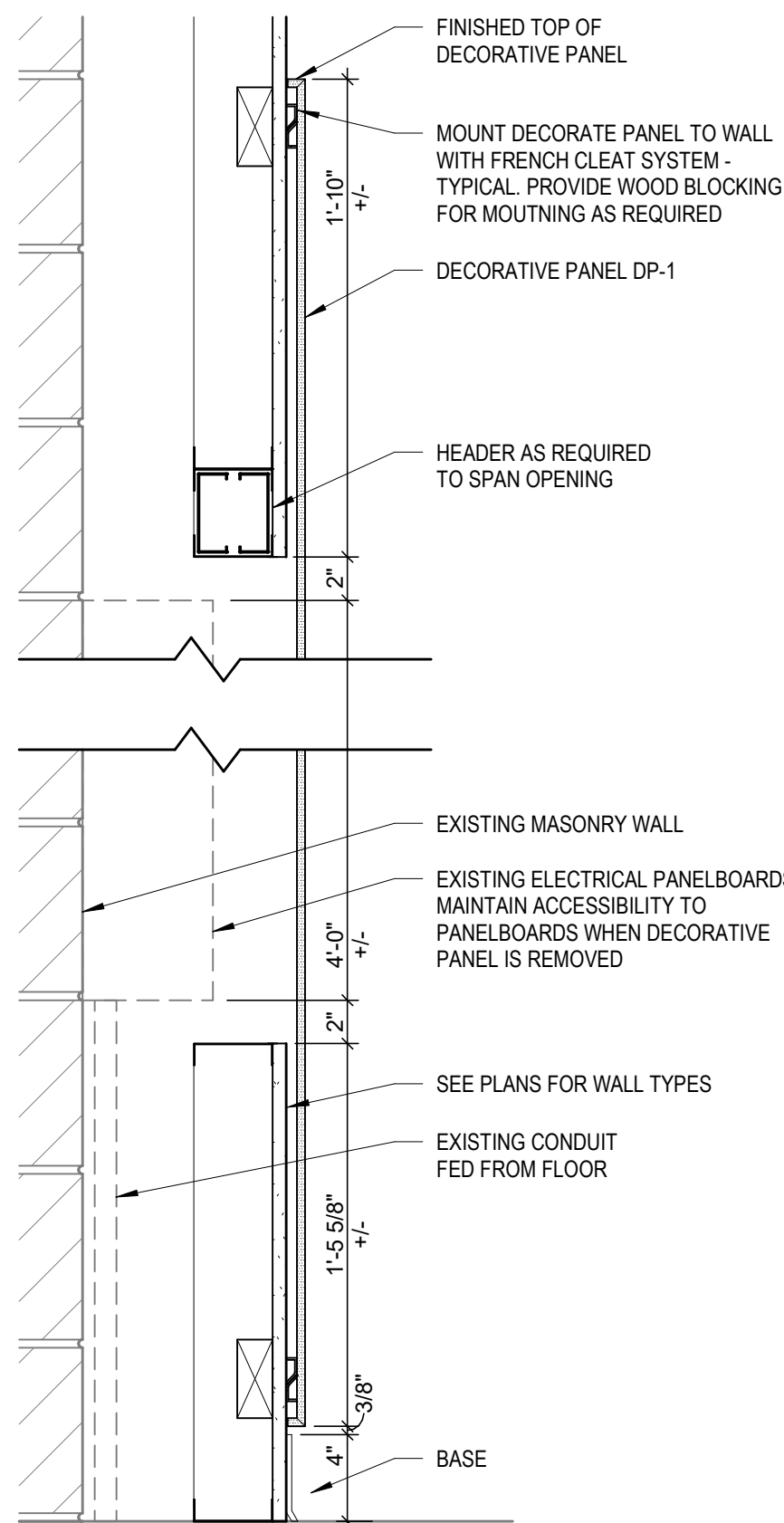
105A - NORTH
SCALE: 1/4" = 1'-0"



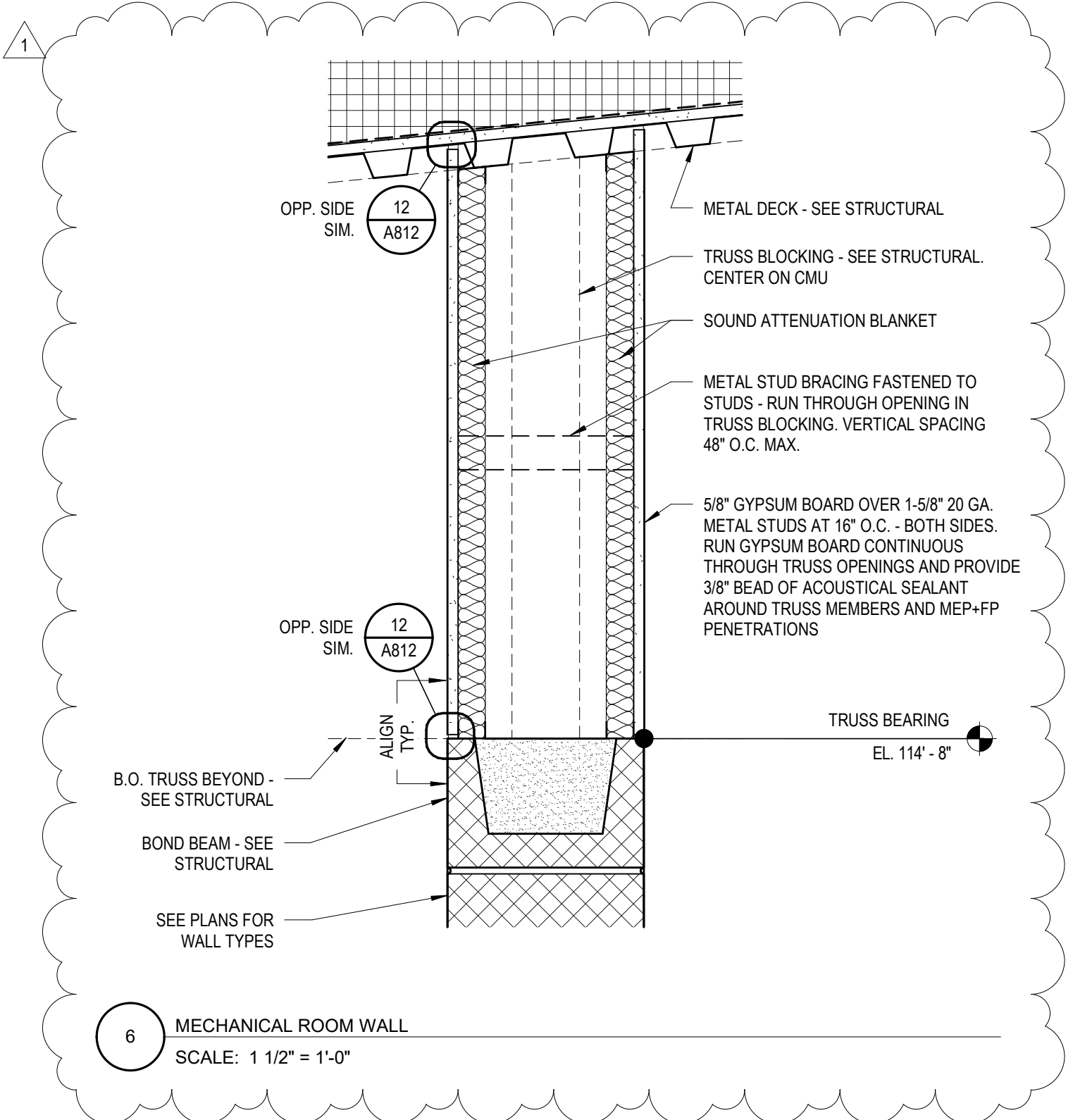
105C - WEST
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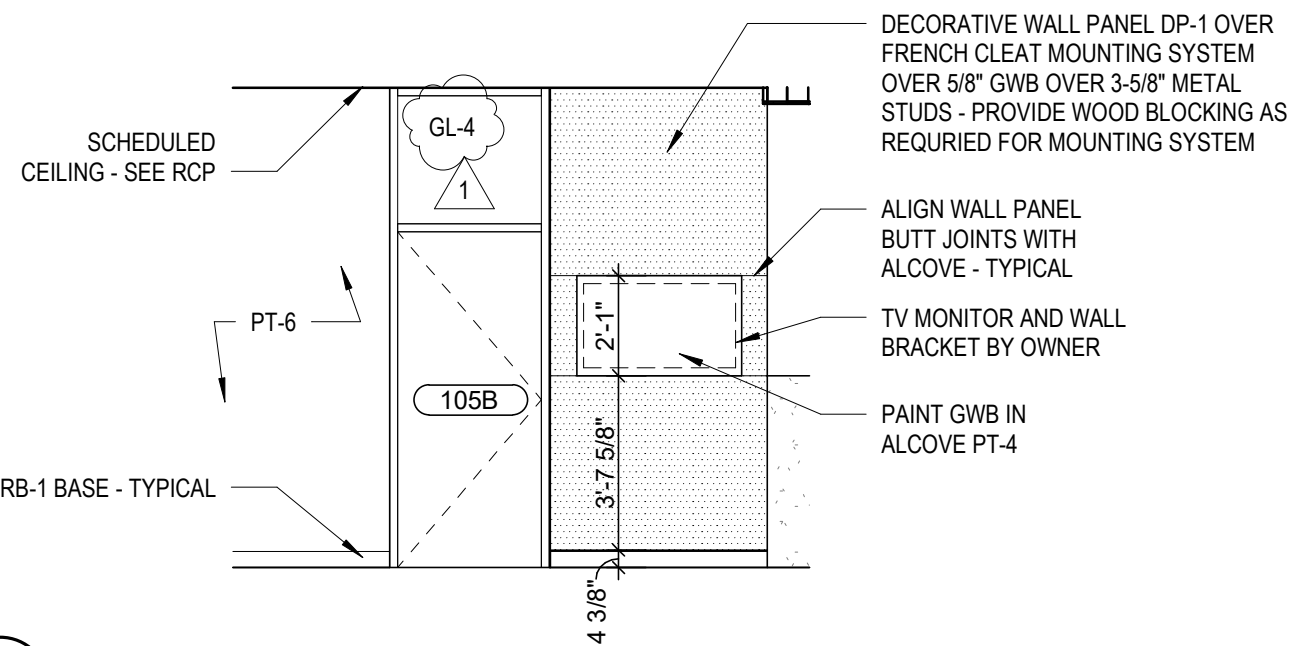
105C - SOUTH
SCALE: 1/4" = 1'-0"



WALL PANEL SECTION
SCALE: 1 1/2" = 1'-0"



MECHANICAL ROOM WALL
SCALE: 1 1/2" = 1'-0"



105A - SOUTH
SCALE: 1/4" = 1'-0"

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MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

REVISION FOR:

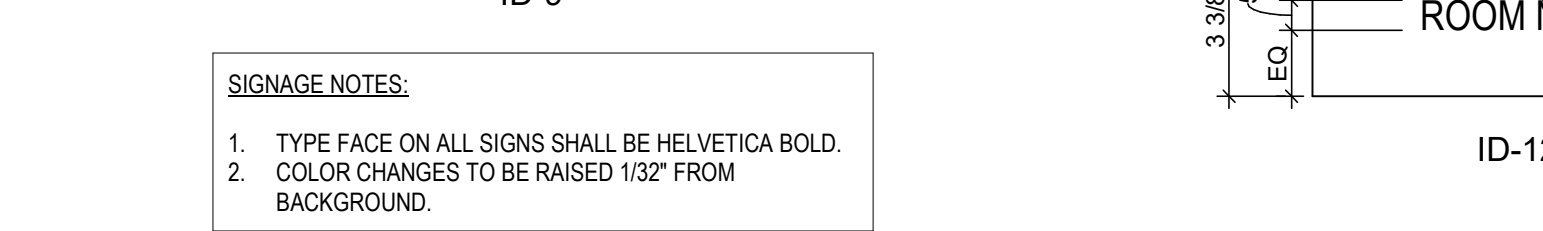
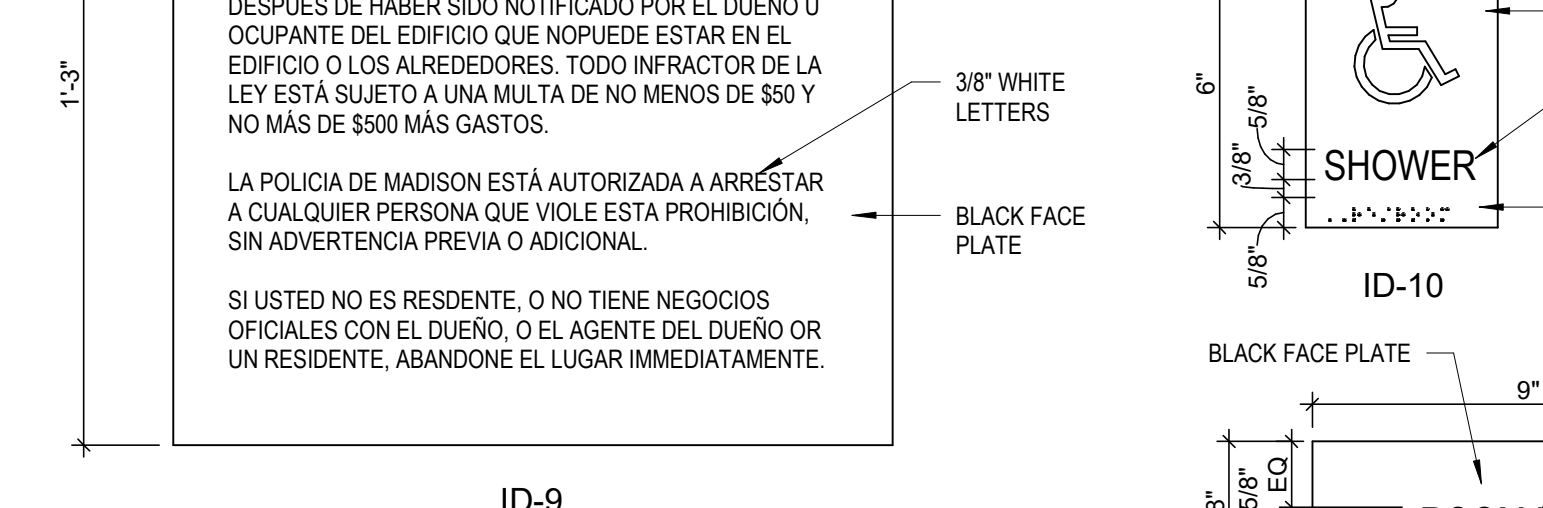
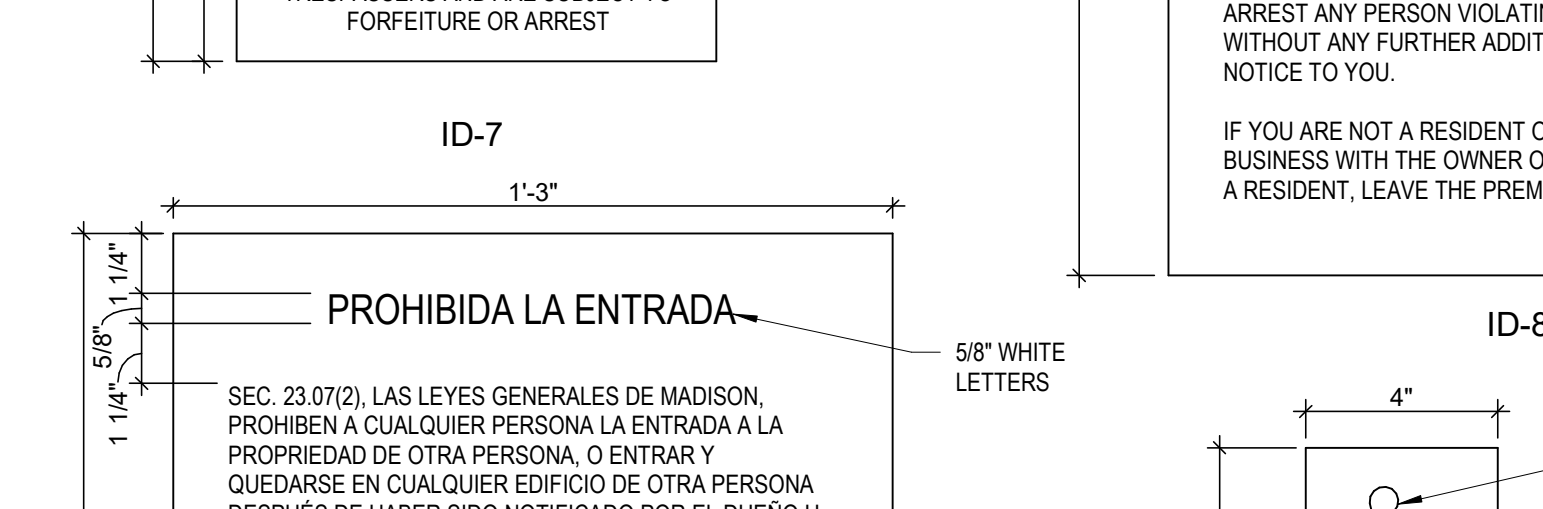
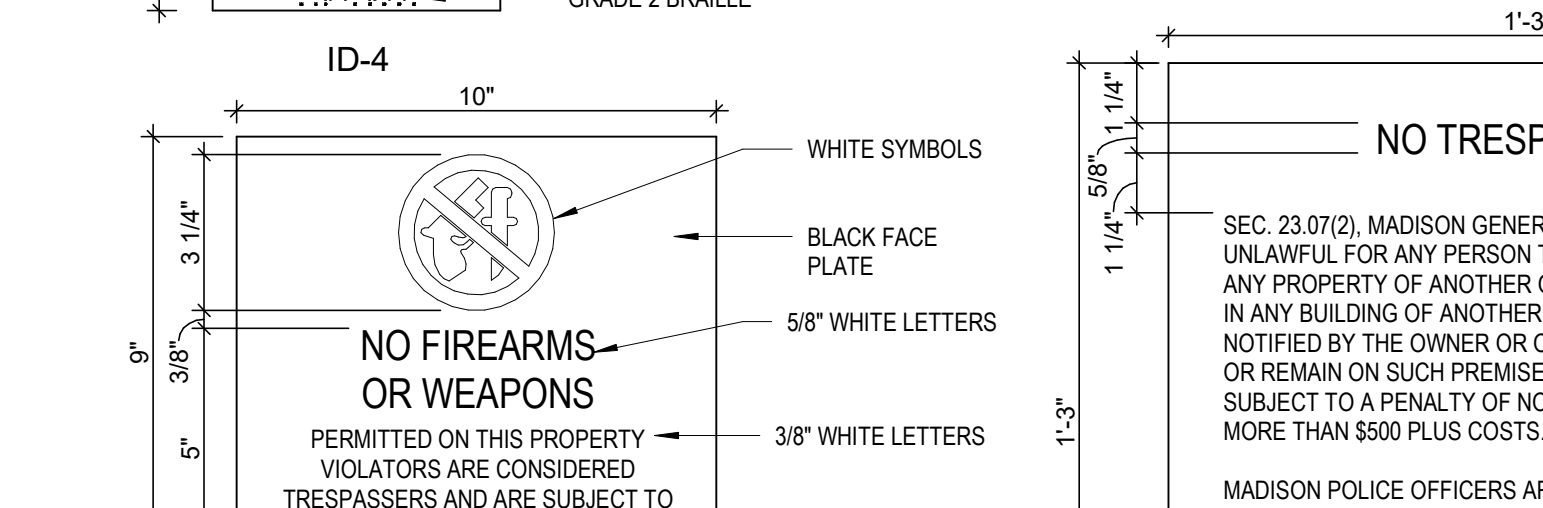
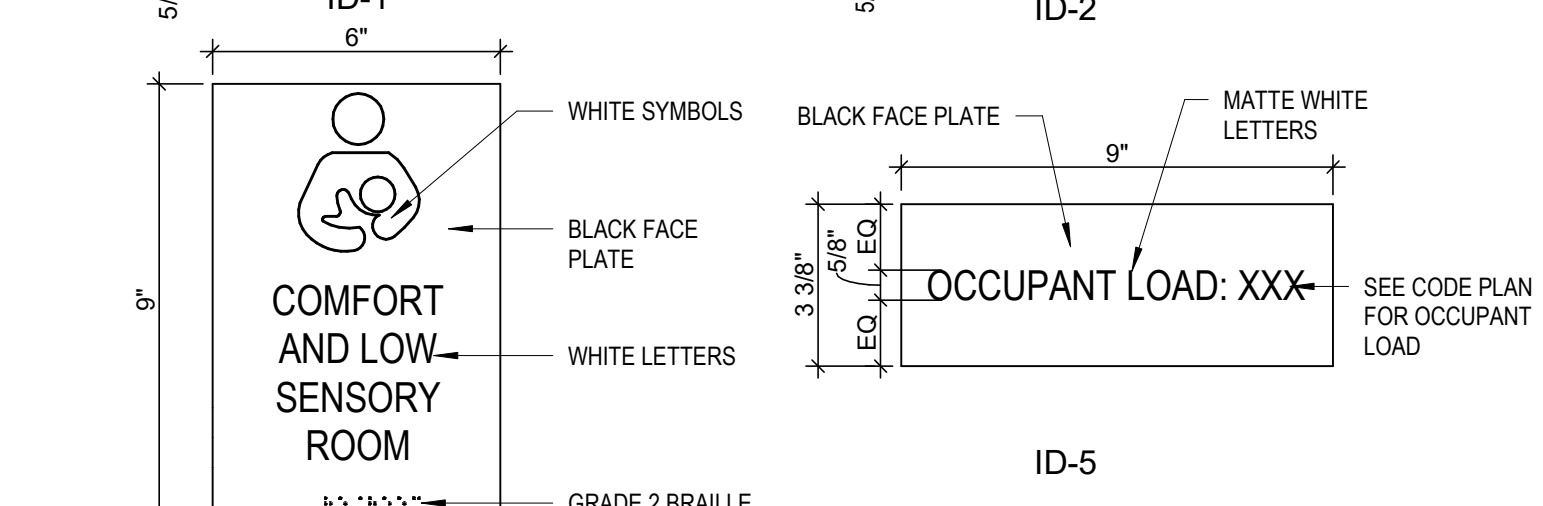
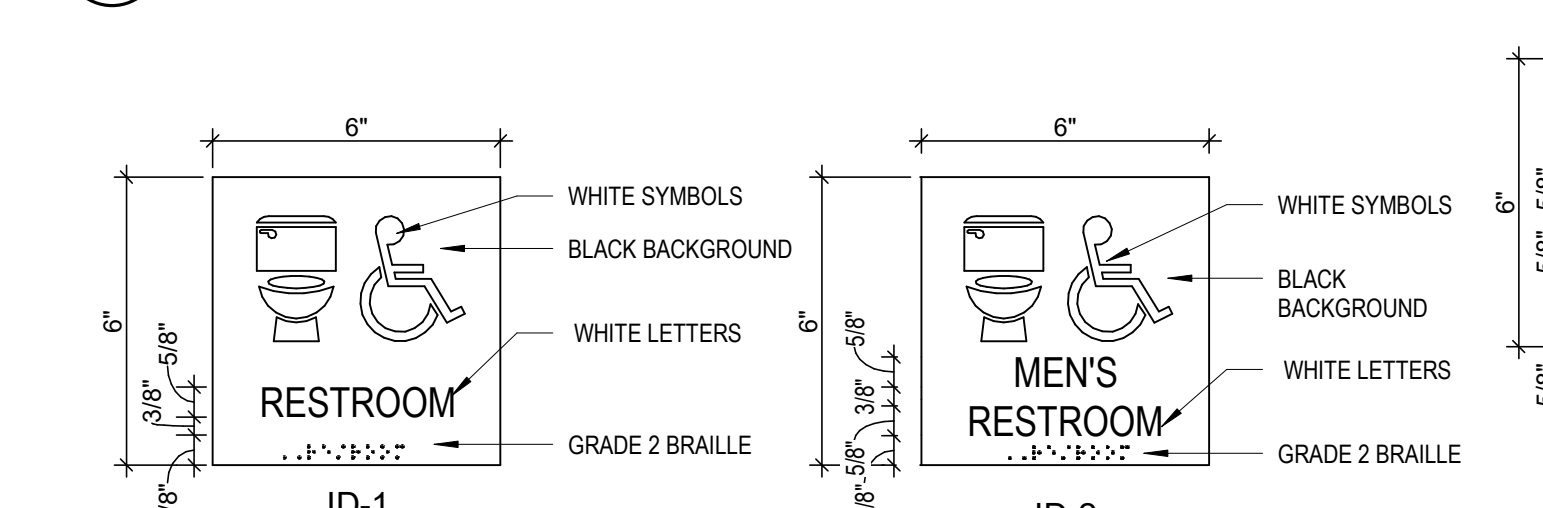
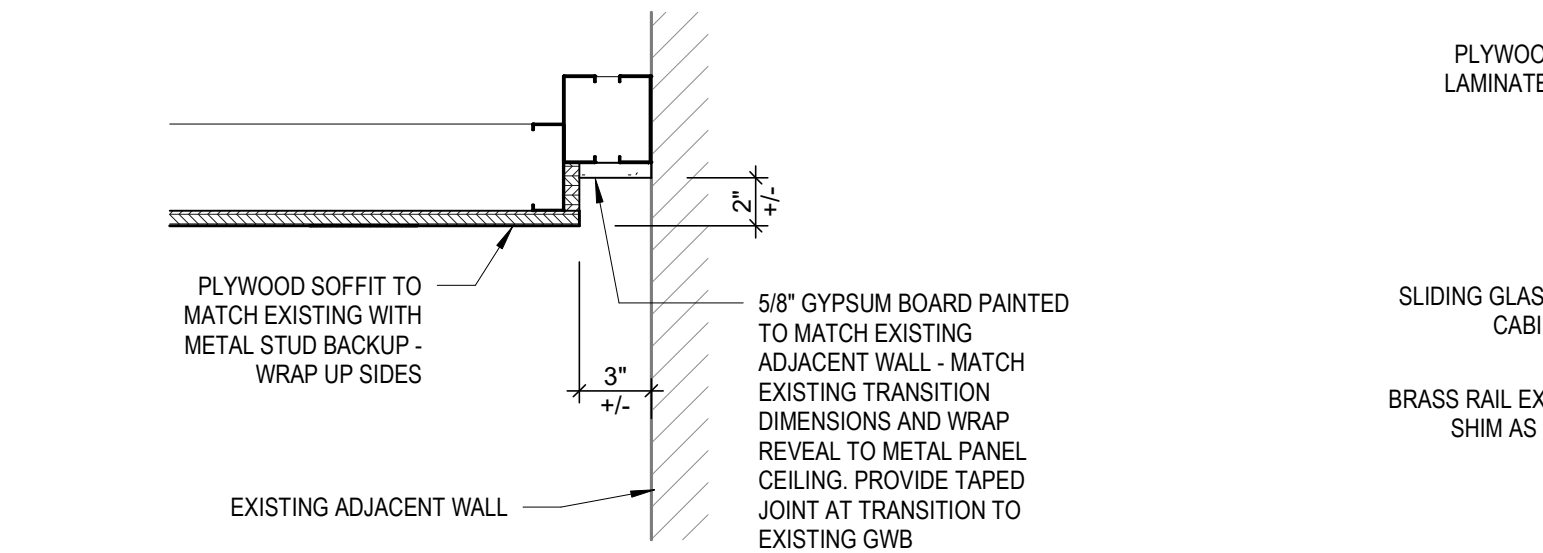
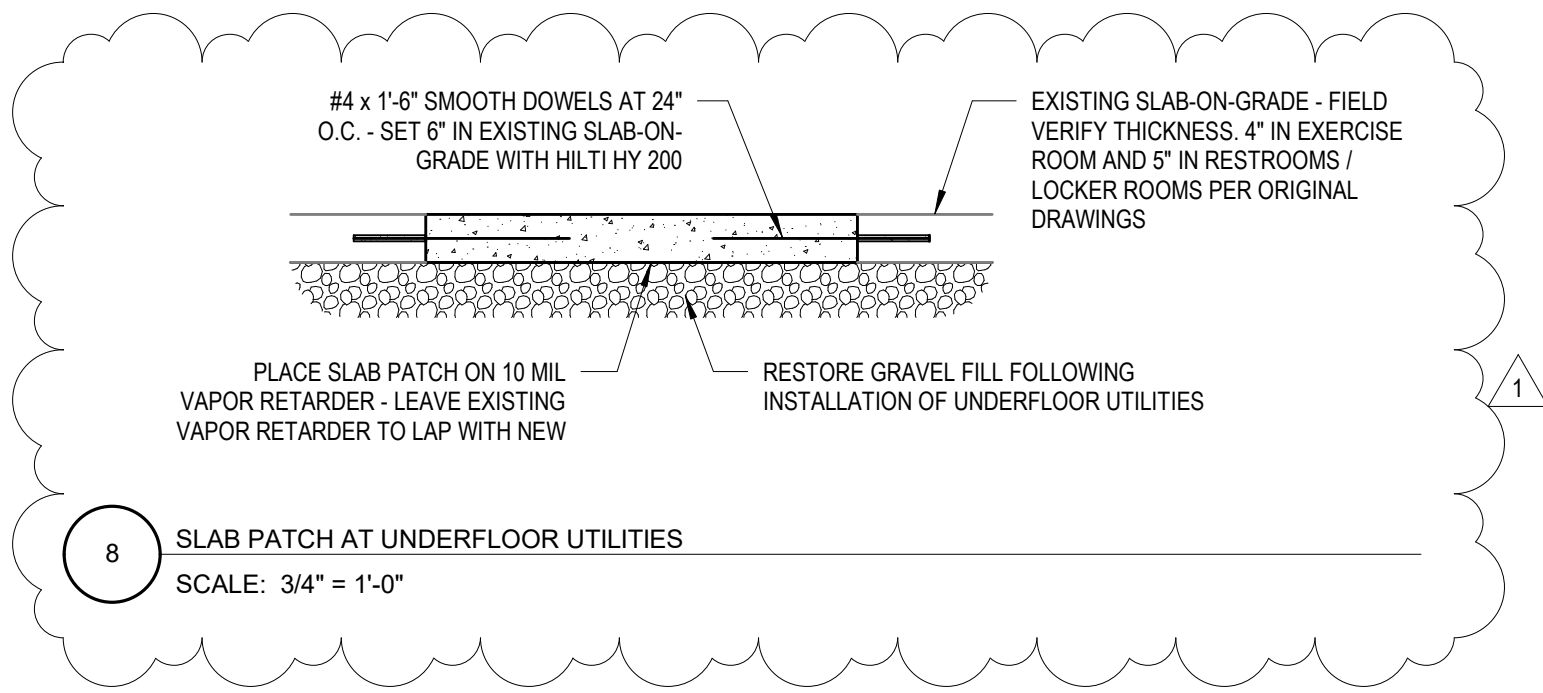
NO.	DESCRIPTION	DATE
1	ADDENDUM #2	6/13/2024

DRAWN BY DKB

CHECKED BY JWH

INTERIOR DETAILS

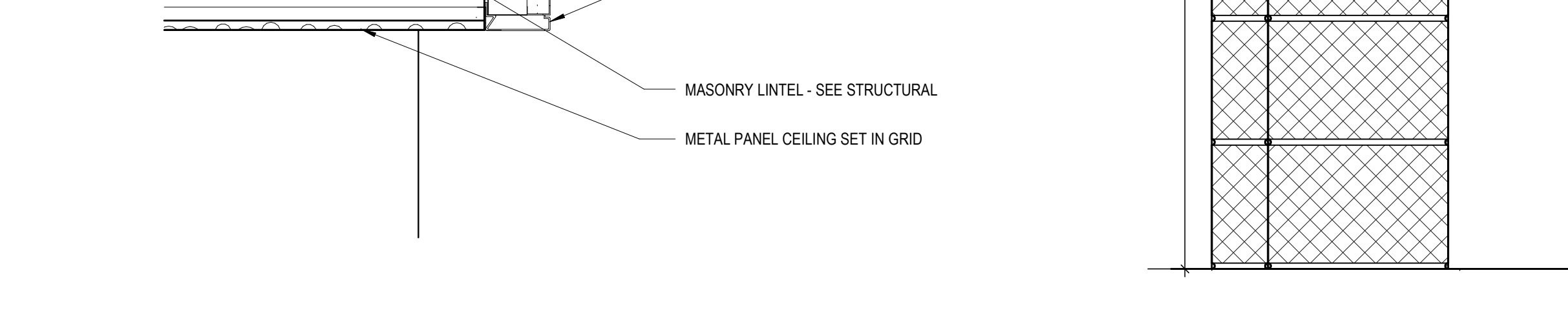
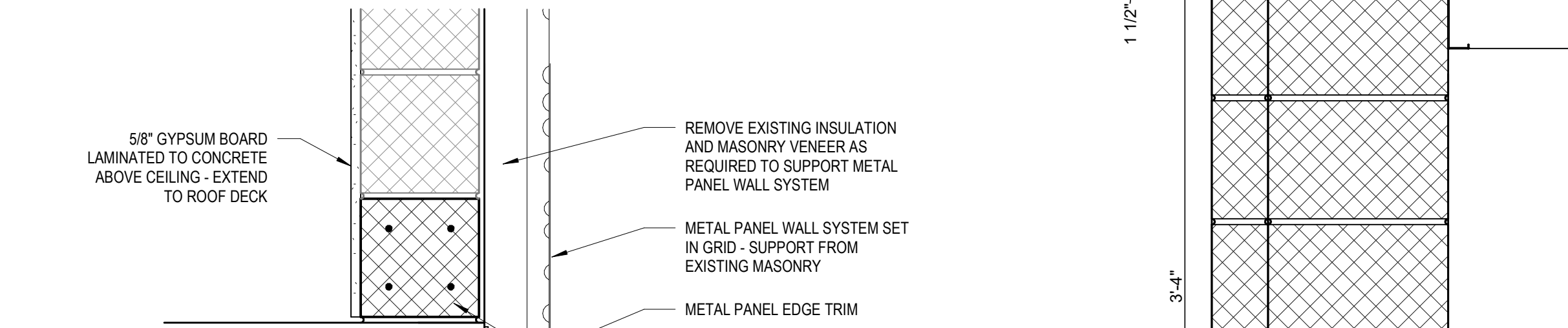
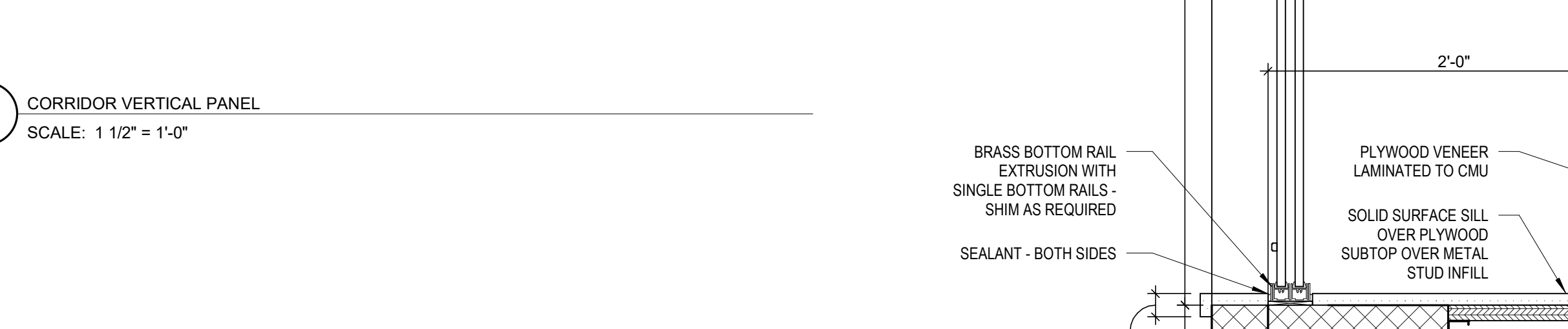
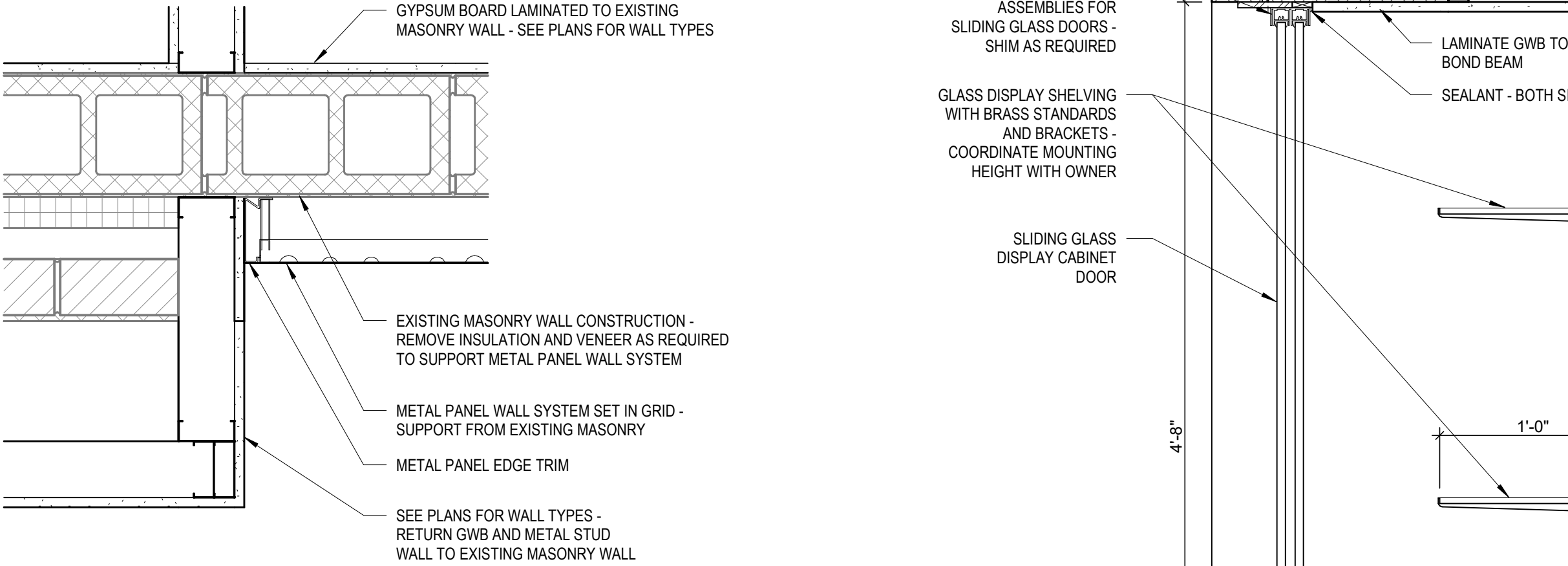
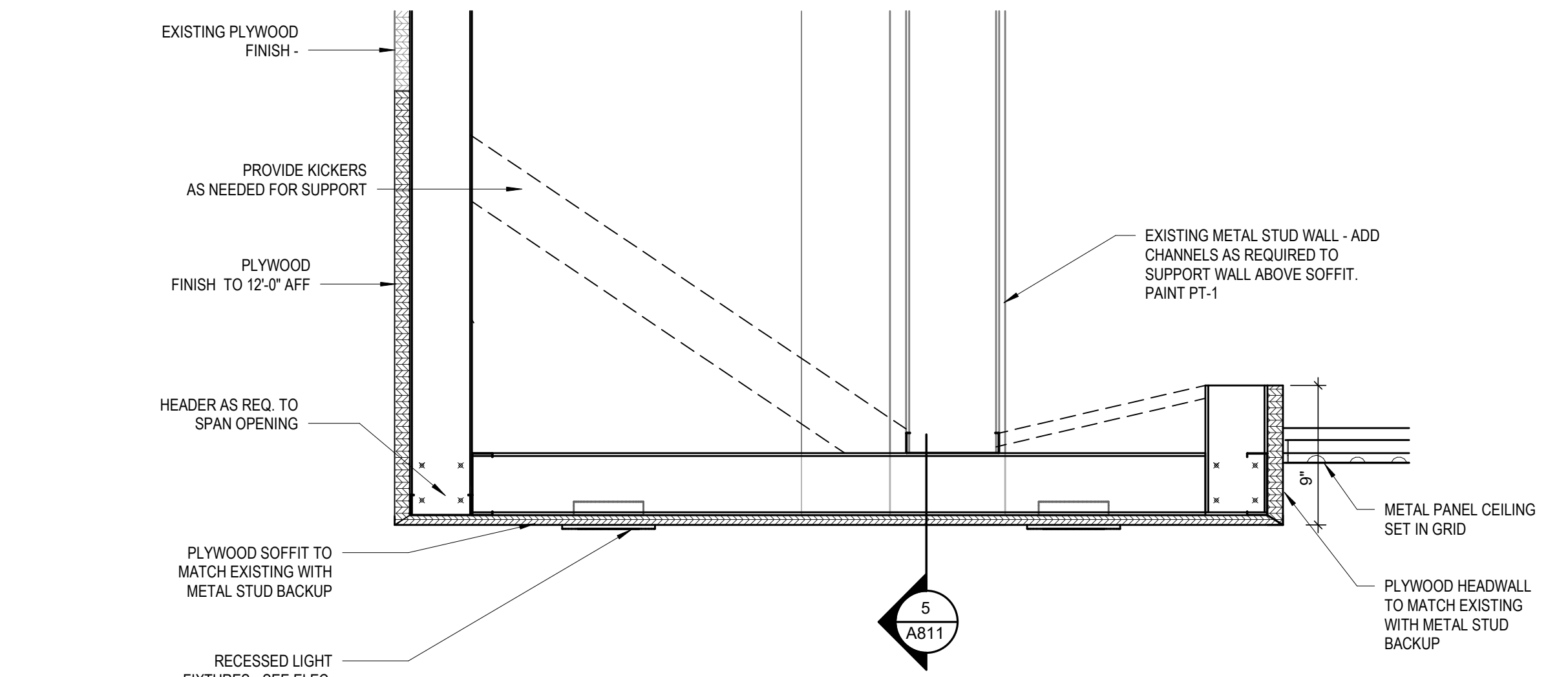
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SIGNAGE SCHEDULE

1. TYPE FACE ON ALL SIGNS SHALL BE HELVETICA BOLD.

2. COLOR CHANGES TO BE RAISED 1/32" FROM BACKGROUND.



CORRIDOR CEILING @ PRE-FUNCTION

SCALE: 1 1/2" = 1'-0"

TROPHY CABINET SECTION

SCALE: 1 1/2" = 1'-0"

STRUCTURAL DESIGN CRITERIA

1. THESE NOTES SUPPLEMENT THE SPECIFICATIONS. PROJECT SPECIFICATIONS SHALL BE REFERRED TO FOR CLARIFICATIONS AND ADDITIONAL INFORMATION. IN CASE OF CONFLICT BETWEEN PROJECT SPECIFICATIONS AND THESE NOTES, THESE NOTES SHALL GOVERN.

2. GOVERNING BUILDING CODE: 2015 IBC AS AMENDED BY THE STATE OF WISCONSIN.

3. DESIGN LOADS

LIVE LOAD

TYPICAL SLAB ON GRADE-----100 psf

MEZZANINE-----100 psf

ROOF

LIVE LOAD-----30 psf+DRIFTING

SNOW

SUPERIMPOSED DEAD LOAD-----10 psf

TOP CHORD-----10 psf

BOTTOM CHORD-----10 psf

ROOF DEAD LOAD-----30 psf

(8 PSF PV PANELS)

SNOW LOADS

GROUND SNOW (Pg)-----30 psf

SNOW LOAD IMPORTANCE FACTOR (I_s)-----1.0

SNOW LOAD EXPOSURE FACTOR (Ce)-----1.0

ROOF THERMAL LOAD FACTOR (Ct) AT BUILDING-----1.1

BASE ROOF SNOW LOAD AT BUILDING-----21 psf

WIND LOADS

BASIC WIND SPEED-----107 mph

BUILDING OCCUPANCY CATEGORY-----II

WIND LOAD IMPORTANCE FACTOR (I_w)-----1.0

WIND EXPOSURE CATEGORY-----C

INTERNAL PRESSURE COEFFICIENT-----±0.18

MAIN WIND FORCE - RESISTING SYSTEM:

MWFRS SELECTED EDGE STRIP DISTANCE, (2A)-----11.0 ft

CALCULATED HORIZONTAL LOADS:

	END ZONE		INTERIOR ZONE	
	WALL	ROOF	WALL	ROOF
TRANSVERSE CASE #1:	24.0 psf	16.5 psf	19.2 psf	13.2 psf
TRANSVERSE CASE #2:	24.0 psf	16.5 psf	19.2 psf	13.2 psf
LONGITUDINAL:	24.0 psf	16.5 psf	19.2 psf	13.2 psf

CALCULATED VERTICAL LOADS:

	END ZONE		INTERIOR ZONE	
	WINDWARD	LEEWARD	WINDWARD	LEEWARD
TRANSVERSE CASE #1:	1.8 psf	-14.7 psf	0.7 psf	-12.5 psf
TRANSVERSE CASE #2:	9.3 psf	-7.2 psf	8.0 psf	-5.2 psf
LONGITUDINAL:	-25.7 psf	-14.7 psf	-17.8 psf	-11.3 psf

COMPONENTS AND CLADDING:

(SEE ASCE/SEI 7-SECTION 6 FOR ZONE DEFINITIONS AND DIAGRAMS)

COMPONENT AND CLADDING SELECTED EDGE STRIP DISTANCE, (A)-----5.5 ft

TRIBUTARY WIND LOAD AREAS	10 ft²	50 ft²	100 ft²
ROOF (MONOSLOPE):			
ZONE 1 (NEGATIVE)	19.7 psf	17.3 psf	16.3 psf
ZONE 2 (NEGATIVE)	23.0 psf	20.7 psf	19.7 psf
ZONE 3 (NEGATIVE)	23.0 psf	20.7 psf	19.7 psf
WALLS:			
ZONE 4 (NEGATIVE)	21.3 psf	19.3 psf	18.4 psf
ZONE 5 (NEGATIVE)	26.3 psf	22.3 psf	20.4 psf
ZONE 4 & 5 (NEGATIVE)	19.7 psf	17.6 psf	16.7 psf

SEISMIC LOADS

SEISMIC USE GROUP / OCCUPANCY CATEGORY-----II

SEISMIC IMPORTANCE FACTOR (I_e)-----1.0

SEISMIC SITE CLASS-----C

SPECTRAL RESPONSE COEFFICIENT (S_{ds})-----0.048

SPECTRAL RESPONSE COEFFICIENT (S_{d1})-----0.032

SEISMIC DESIGN CATEGORY-----A

BASIC SEISMIC FORCE-RESISTING SYSTEM:

BEARING WALL SYSTEM

LIGHT FRAMED WALL SHEATHED WITH WOOD STRUCTURAL PANELS RATED

FOR SHEAR RESISTANCE:

R = 6.5 Ω_o = 3.0 Cd = 4.0

ANALYSIS PROCEDURE:

EQUIVALENT LATERAL FORCE PROCEDURE

4. FOUNDATIONS AND EARTHWORK

ALLOWABLE SOIL BEARING PRESSURE FOR FOOTINGS-----4,000 psf

5. CONCRETE

MINIMUM 28 DAY COMPRESSIVE STRENGTH (f_c)

FOOTINGS-----4,000 psi

PIERS, WALLS-----4,000 psi

SLAB-ON-GRADE (INTERIOR)-----3,500 psi

SLAB-ON-GRADE (EXTERIOR)-----4,500 psi

COVER ON MILD STEEL REINFORCEMENT

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH-----3"

CONCRETE EXPOSED TO EARTH OR WEATHER

#5 BARS AND SMALLER-----1 1/2"

#6 BARS AND LARGER-----2"

CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND-----1"

CONCRETE REINFORCEMENT YIELD STRENGTH (F_y)

ALL DEFORMED MILD STEEL-----60,000 psi

WELDED WIRE FABRIC-----65,000 psi

6. CONCRETE MASONRY

DESIGN STRESSES

MASONRY (NORMAL WEIGHT) MEETING ASTM C90-----f_m = 2,250 psi

GROUT: MIN COMPRESSIVE STRENGTH AT 28 DAYS MEETING ASTM C476-----3,000 psi

MINIMUM BLOCK COMPRESSIVE STRENGTH-----2,600 psi

7. STRUCTURAL STEEL

STRUCTURAL STEEL YIELD STRENGTH (F_y)

TUBES-----46,000 psi

WF BEAMS-----50,000 psi

WF COLUMNS-----50,000 psi

BOLTS FOR STANDARD FRAME CONNECTIONS-----3/4" DIAMETER A325

BOLTS FOR SINGLE SHEAR TAB CONNECTIONS-----3/4" DIAMETER A325

ANCHOR RODS-----F1554

WELDING ELECTRODES-----E70

8. MISCELLANEOUS

VERIFY OPENINGS THROUGH FLOOR AND WALLS WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL REQUIREMENTS. CHANGES IN SIZE, LOCATION OR NUMBER OF OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER. NOT ALL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS.
- GENERAL
1. STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THE SHOP DRAWINGS AND WORK.

2. NO OPENING SHALL BE MADE IN ANY STRUCTURAL BEAM, COLUMN, SUPPORT FLOOR, LOAD BEARING WALL, FOOTING, OR FOUNDATION WALL WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER. OPENINGS IN NON-LOAD BEARING WALLS REQUIRE THE ARCHITECT'S APPROVAL.

3. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON NEW STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.

4. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION.

5. FIREPROOFING METHODS AND MATERIALS FOR STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR RATING REQUIREMENTS, FIREPROOFING METHODS AND MATERIALS.

6. ALL SECTIONS, DETAIL AND NOTES SHOWN ON THE STRUCTURAL DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE NOTED.

7. WHEN CONFLICTS ARE NOTED ON THE DRAWINGS, THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE A/E FOR RESOLUTION PRIOR TO FABRICATION OR INSTALLATION.
- FOUNDATION NOTES
1. GEOTECHNICAL INFORMATION TAKEN FROM: GEOTECHNICAL EXPLORATION REPORT C23051-6.

2. THE OWNER SHALL RETAIN A SOILS ENGINEERING FIRM TO MONITOR PROPER SUBGRADE PREPARATIONS AND TO OVERSEE THE TESTING AND COMPACTION OF COMPACTED FILL MATERIAL.

3. CONTRACTOR SHALL LOCATE EXISTING UNDERGROUND UTILITIES BEFORE FOUNDATION EXCAVATION IF UNDERGROUND UTILITY CONFLICTS ARE DISCOVERED BEFORE OR ENCOUNTERED DURING EXCAVATION, NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY.

4. CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ANY EXISTING FOUNDATIONS.

5. BEFORE PLACING FOOTINGS, FOUNDATIONS, GRADE BEAMS, OR SLAB-ON-GRADE, THE SUB-GRADE SHALL BE PREPARED AND INSPECTED AS REQUIRED BY THE SPECIFICATIONS AND THE DRAWINGS.

6. REINFORCE ALL FOUNDATION WALLS AND FOOTINGS AS SHOWN ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.

7. CONTROL JOINTS IN THE CAST-IN-PLACE CONCRETE FOUNDATION WALLS SHALL BE PLACED AT NOT TO EXCEED 20' OC OR AS LOCATED ON THE DRAWINGS.

8. PERIMETER FOUNDATION WALL INSULATION IS NOT SHOWN ON THE FOUNDATION DETAILS. SEE ARCHITECTURAL DRAWINGS AND THE SPECIFICATIONS FOR INSULATION REQUIREMENTS.

9. SEE SPECIFICATIONS FOR FREE DRAINING BACKFILL BENEATH ALL CONCRETE WALKS AND SLABS ADJACENT TO STRUCTURE.

10. CONTRACTOR NOTE: THE BASE OF ALL EXCAVATIONS SHALL BE KEPT FREE OF WATER AND LOOSE SOIL PRIOR TO PLACING CONCRETE. CARE SHOULD BE TAKEN DURING EXCAVATION AND CONSTRUCTION TO MINIMIZE DISTURBANCE OF THE BEARING SOILS. THE CONCRETE SHOULD BE PLACED AS SOON AS POSSIBLE AFTER EXCAVATION TO PREVENT EXCESSIVE DRYING OR WETTING OF THE SOIL.
- MASONRY NOTES
1. ALL MASONRY WALLS ARE TO HAVE HORIZONTAL REINFORCEMENT WHICH DOES NOT EXCEED 16 INCHES ON CENTER VERTICALLY. SEE SPECIFICATIONS FOR INFORMATION RELATING TO CONCRETE BLOCK, BRICK, AND WALL REINFORCING.

2. ALL VERTICAL REINFORCING STEEL IN MASONRY WALLS ARE TO COMPLY WITH ASTM A615, GRADE 60. LAPS SHALL BE 48 BAR DIAMETERS (12" MINIMUM).

3. PROVIDE SPLICE BARS FOR ALL BOND BEAM REINFORCING AT ALL CORNERS. SPLICE BAR TO BE THE SAME SIZE AS BARS IN THE BOND BEAM. LAPS SHALL BE 50 BAR DIAMETER.

4. WHERE MASONRY IS APPLIED ADJACENT TO STEEL MEMBERS (BEAMS AND COLUMNS) PROVIDE ANCHORING DEVICES PER SPECIFICATIONS.

5. REFER TO ARCHITECTURAL PLANS FOR ROUGH OPENING LOCATIONS, SIZES, AND ELEVATIONS.

6. USE SIMPSON TITEN HD OR APPROVED EQUAL TYPE ANCHORS IN CMU WALL PARTITIONS.

7. ALL NON-STRUCTURAL CMU WALLS SHALL BE REINFORCED WITH A #3 VERTICAL BAR AT 48" OC WITH THAT CMU CORE GROUTED AND HORIZONTAL JOINT REINFORCEMENT AT 16" OC THE BOTTOM TWO COURSES SHALL BE GROUTED SOLID. PROVIDE CONTINUOUS BOND BEAM AT TOP OF WALL WITH 2 #4's CONTINUOUS GROUT BOND BEAM SOLID. PROVIDE #3 DOWEL AT 48" OC MATCH VERTICAL BAR, LAP 50 BAR DIAMETERS. PROVIDE INTEL BLOCK AS BOND BEAM WITH (2) #5 x CONT, AND 8" BEARING EACH END. TYPICAL UNLESS NOTED OTHERWISE.

8. CONSTRUCTION BRACING FOR MASONRY WALLS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED. MASONRY SUBMITTALS SHALL CONTAIN A LETTER SEALED BY THE ENGINEER AND SHALL BE ISSUED TO THE OWNER AFTER SUBMITTAL REVIEW AND PRIOR TO STARTING MASONRY CONSTRUCTION.
- COLD FORMED TRUSS NOTES
1. TRUSS FABRICATOR SHALL DESIGN TRUSSES FOR LOADS SPECIFIED ON PLANS IN CONFORMANCE WITH "QUALITY CONTROL MANUAL" BY TPI. REFER TO THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DEAD LOADS RESULTING FROM DORMERS AND OTHER MISCELLANEOUS FRAMING. ALL TRUSSES SHALL BE DESIGNED FOR A MINIMUM OF 30 PSF LIVE LOAD PLUS 10 psf DEAD LOAD.

2. LIVE LOAD IS ON A HORIZONTAL PROJECTION OTHER LIVE LOADS SHOWN ON THE DRAWINGS ARE IN ADDITION TO THESE DESIGNATED LOADS.

3. CHECK VERTICALLY PROJECTED ELEMENTS FOR DESIGN WIND LOAD.

4. DESIGN TRUSSES TO RESIST A NET UPLIFT OF 10 PSF.

5. SUBMIT SHOP DRAWINGS AND CALCULATIONS PRIOR TO FABRICATION.

6. CONFORM TO TPI SPECIFICATIONS.

7. FLOOR TRUSS LL DEFLECTION SHALL NOT EXCEED L/480.

8. ROOF TRUSS LL DEFLECTION SHALL NOT EXCEED L/360.

9. PERMANENT BRACING NOT SHOWN ON PLANS, WHICH IS REQUIRED FOR STRENGTH AND STABILITY OF TRUSS MEMBERS, SHALL BE DESIGNED AND PROVIDED BY TRUSS SUPPLIER.

10. ALL TRUSS TOP CHORDS SHALL BE CONTINUOUSLY BRACED BY THE (ROOF/FLOOR) DECKING. ALL ROOF TRUSS WEB MEMBERS SHALL BE BRACED AT 4'-0" OC UNLESS CALCULATIONS SHOW OTHERWISE.

11. TEMPORARY BRACING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. PROVIDE IN ACCORDANCE WITH TPI GUIDELINES.

12. PROVIDE 24" WIDE VIERENDEEL PANEL AT CENTER OF EACH PARALLEL CHORD TRUSS.
- STRUCTURAL STEEL NOTES
1. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM WITH THE AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION), "MANUAL OF STEEL CONSTRUCTION", LATEST EDITION.

2. ALL STEEL DETAILS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AISC "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN", LATEST EDITION.

3. ALL WELDING SHALL BE BY WELDERS HOLDING CURRENT VALID AWS CERTIFICATES IN THE TYPE OF WELD REQUIRED.

4. SHOP CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE BOLTED OR WELDED. FIELD CONNECTIONS SHALL BE BOLTED UNLESS SPECIFICALLY DETAILED OTHERWISE.

5. DESIGN IN ACCORDANCE WITH GUIDE DETAILS AND REACTIONS.

6. USE A325N BOLTS UNLESS NOTED OTHERWISE.

7. OVERSIZED OR SLOTTED HOLES SHALL NOT BE USED FOR ANY CONNECTIONS UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR APPROVED IN WRITING BY THE ENGINEER.

8. ALL BEAM COPES MUST BE MADE TO A RADIUS (1" MINIMUM). ALL BUTT AND FULL PENETRATION WELDS SHALL BE MADE USING RUN OFF TABS WHICH SHALL BE TRIMMED FLUSH AND GROUND SMOOTH AFTER WELD IS COMPLETED.

9. ALL WELDS INDICATED SHALL MEET THE MINIMUM WELD SIZE SPECIFIED BY THE CURRENT AISC MANUAL OF STEEL DESIGN. (SINGLE PASS AS REQUIRED).

10. CUTS, HOLES, COPING, ETC. REQUIRED FOR WORK OF OTHER TRADES SHALL BE SHOWN ON THE SHOP DRAWINGS AND MADE IN THE SHOP. CUTS OR BURNING OF HOLES IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED.

11. PROVIDE ANY NECESSARY TEMPORARY BRACING OR GUYS TO PROVIDE LATERAL SUPPORT OF THE BUILDING UNTIL PERMANENT FRAME IS COMPLETELY INSTALLED.

12. INSTALL EXPANSION BOLTS IN ACCORDANCE WITH THE ICBO REPORT RECOMMENDATIONS.

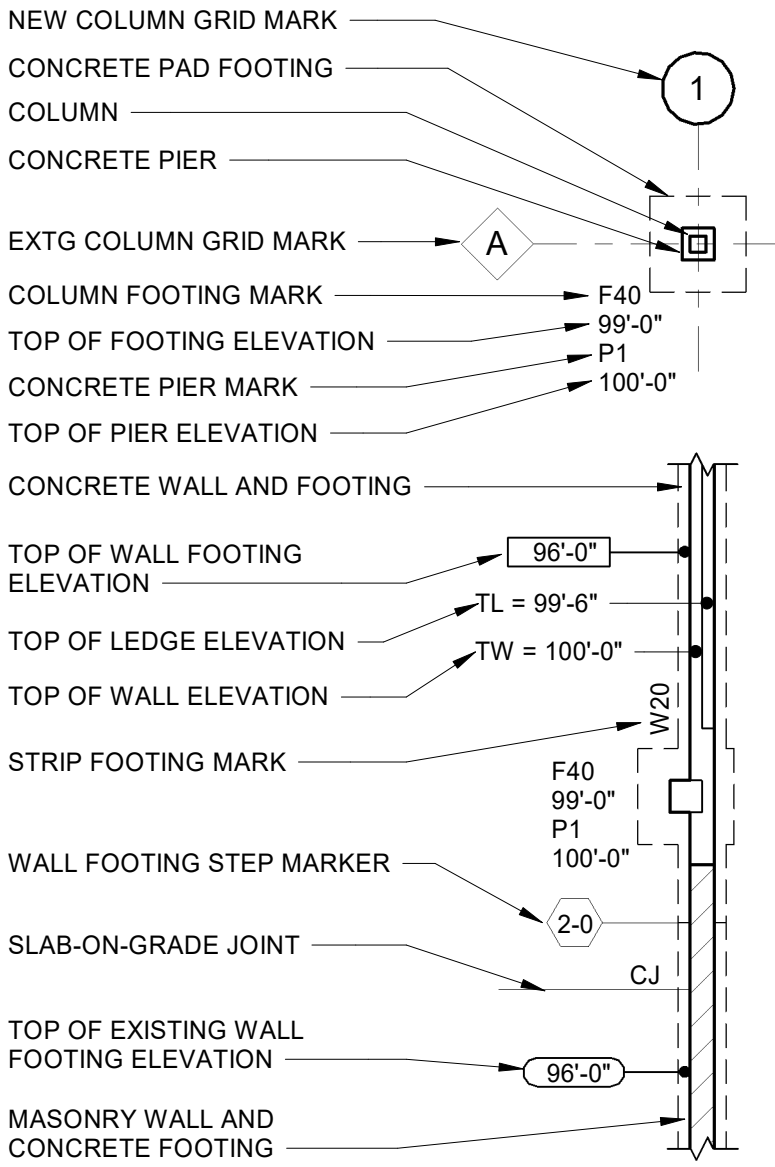
13. ALL ELEVATOR GUIDE BEAMS SHALL BE S8x18.4 UNLESS NOTED OTHERWISE. SLOPE TO MATCH BEAM SLOPE.

14. STRUCTURAL STEEL FRAMING SHALL BE TRUE AND PLUMB BEFORE CONNECTIONS ARE FINALLY BOLTED OR WELDED.
-
- MILWAUKEE | MADISON | CHICAGO
-
- www.oneida.com Job Number 2023037
Office 608.243.6470 Fax 608.241.3914
5100 Eastpark Blvd, Suite 300,
Madison, Wisconsin 53718
- Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items.
- WARNER PARK
COMMUNITY
RECREATION CENTER
EXPANSION
- 1625 NORTHPORT DRIVE
MADISON, WI 53704
- CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715
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|-----|-------------|-----------|
| 1 | ADDENDUM 2 | 6/13/2024 |
- DRAWN BY AWB
- CHECKED BY Checker
- STRUCTURAL NOTES
- S001

ABBREVIATION LIST

AB	ANCHOR BOLT (ROD)
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ARCH	ARCHITECTURAL
BLDG	BUILDING
BRG	BEARING
BP(##)	BASE PLATE CALL-OUT
CF	COLD-FORMED
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLR	CLEAR (DISTANCE)
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
DBA	DEFORMED BAR ANCHOR
DEMO	DEMOLITION / DEMOLISH
DIA	DIAMETER
DWG	DRAWING
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
EF	EACH FACE
EJ	EXPANSION JOINT
ELEV	ELEVATION
EQ	EQUAL
EW	EACH WAY
EWEF	EACH WAY EACH FACE
EXP	EXPANSION
EXT	EXTERIOR
EXTG	EXISTING
FD	FLOOR DRAIN
FLR	FLOOR
FV	FIELD VERIFY
F(##)	FOOTING CALL-OUT
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GLULAM	GLUE-LAMINATED BEAM(S)
HK	HOOK
HORIZ	HORIZONTAL
HP	HIGH POINT
HWS	HEADED WELDED STUD(S)
IF	INSIDE FACE
INT	INTERIOR
JBE	JOIST BEARING ELEVATION
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LSL	LAMINATED STRAND LUMBER
LTWT	LIGHTWEIGHT
LVL	LAMINATED VENEER LUMBER
LW	LONG WAY
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
NA	NOT APPLICABLE
NTS	NOT TO SCALE
OC	ON CENTER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
PC	PRECAST / PRESTRESSED
PCI	POUNDS PER CUBIC INCH
PDF	POUNDS PER CUBIC FOOT
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PROJ	PROJECTION
PSF	POUNDS PER CUBIC FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRE (POST) -TENSIONED
P(#)	PIER CALL-OUT
RD	ROOF DRAIN
REINF	REINFORC(ED)(ING)
RTU	ROOF TOP UNIT
SIM	SIMILAR
SOG	SLAB-ON-GRADE
SPA	SPAC(ES)(ED)(ING)
SPEC	SPECIFICATION(S)
SQ	SQUARE
SS	STAINLESS STEEL
SW	SHORT WAY
TL	TOP OF LEDGE
TP	TOP OF PIER
TW	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
WP	WORKING POINT
WWF	WELDED WIRE FABRIC

FOUNDATION LEGEND



LINTEL SCHEDULE

LENGTH	SIZE AND REINFORCING	NOTE/ REMARKS
0'-4"	8" W x 8" H BOND BM W/ (2) #5 BOT	SEE ARCH FOR LOCATIONS
4'-8"	8" W x 16" H BOND BM W/ (2) #5 BOT	SEE ARCH FOR LOCATIONS

NOTES:

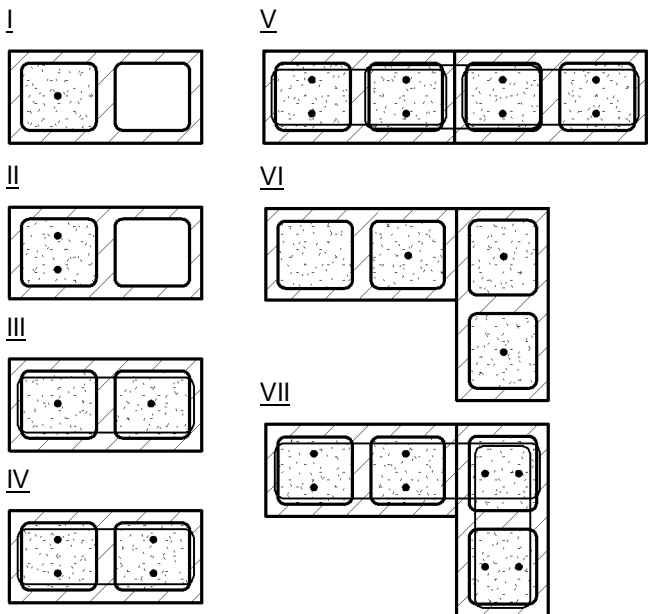
1. AT NEW WALLS, REINFORCE AT BEARING WITH (1) #5 VERT FULL HEIGHT OF WALL FROM FLOOR TO FLOOR OR FLOOR TO ROOF.
2. AT EXISTING WALLS, BEAR LINTEL ON MIN (2) COURSES GROUTED CMU.
3. AT EXTERIOR OPENINGS, PROVIDE GALV BENT PL5/16"x7 1/2"x7 1/2" x CONT TO OPENING CORNERS.
4. 8" MIN BEARING AT ENDS.

MASONRY PIER SCHEDULE

MARK	SIZE (LENGTH)	TYPE	VERTICAL REINFORCING	CLOSED LOOP TIE	COMMENTS
MP1	16"	III	(6) #6	(2) SETS OF 1/4" AT 8"	
MP2	24"	IV	(8) #6	(2) SETS OF 1/4" AT 8"	

NOTES

1. ALL REINFORCED CMU CORES ARE GROUTED SOLID.
2. RUN HORIZONTAL JOINT REINFORCING CONT. THROUGH MASONRY PIERS.
3. USE 1/4" (2) RODS AS CLOSED LOOP TIES.
4. USE BOND BEAM CMU BLOCKS OR DROP TOP CMU BLOCK AT MASONRY PIERS WITH TIES.
5. SIZE IS WALL WIDTH x LENGTH.



WALL FOOTING SCHEDULE

MARK	CONTINUOUS FOOTING DIMENSIONS		FOOTING REINFORCEMENT	REMARKS
	WIDTH	THICKNESS		
W24	2' - 4"	1' - 0"	(3) #6; B. CONT	
W28	2' - 8"	1' - 0"	(3) #6; B. CONT	
W30	3' - 0"	1' - 0"	(3) #6; B. CONT	
W36	3' - 6"	1' - 0"	(x) #X; B. CONT	
W90	9' - 0"	1' - 8"	(7) @ 12" T&B, EW	

MASONRY WALL REINFORCEMENT SCHEDULE

MARK	WALL TYPE	REINFORCEMENT		NOTES
		VERTICAL	HORIZONTAL	
A	12" CMU	#6 AT 16" OC	HJR AT 16" OC	BOND BEAM WITH (1) #5 AT 40" OC AND AT BOTTOM OF WALL
B	12" CMU	#8 AT 8" OC	HJR AT 16" OC	VERTICAL REINFORCING TO BE AT EXTERIOR FACE OF CMU
C	8" CMU	#6 AT 16" OC	HJR AT 16" OC	BOND BEAM WITH (1) #5 AT 40" OC AND AT BOTTOM OF WALL

NOTES:

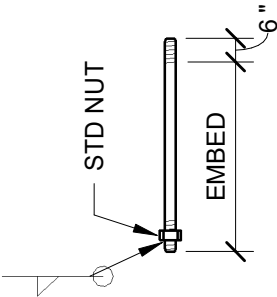
1. SEE ARCHITECTURAL WALL TYPES FOR ADDITIONAL REQUIREMENTS.
2. REINFORCEMENT IS TO BE LOCATED IN CENTER OF WALL UNO.
3. PROVIDE CONTINUOUS BOND BEAM WITH (2) #5 AT ALL BEARING ELEVATIONS AND OVER WINDOWS DOORS AND OTHER OPENINGS UNO.
4. PROVIDE HORIZONTAL REINFORCEMENT INTO INTERSECTING WALLS AT 16" OC VERTICAL. EXTENT 30" EACH DIRECTION WITH PREFABRICATED "T" AND "L" SECTION TYP.
5. SEE GENERAL MASONRY NOTES ON SHEET S001 FOR NON LOAD BEARING WALL REINFORCEMENT REQUIREMENTS.
6. PROVIDE DOWELS TO MATCH VERTICAL REINFORCEMENT. EMBED DOWELS 30" INTO FOUNDATION WALL AND LAP 36" WITH OR MAKE CONTINUOUS WITH VERTICAL STEEL

BASE PLATE SCHEDULE

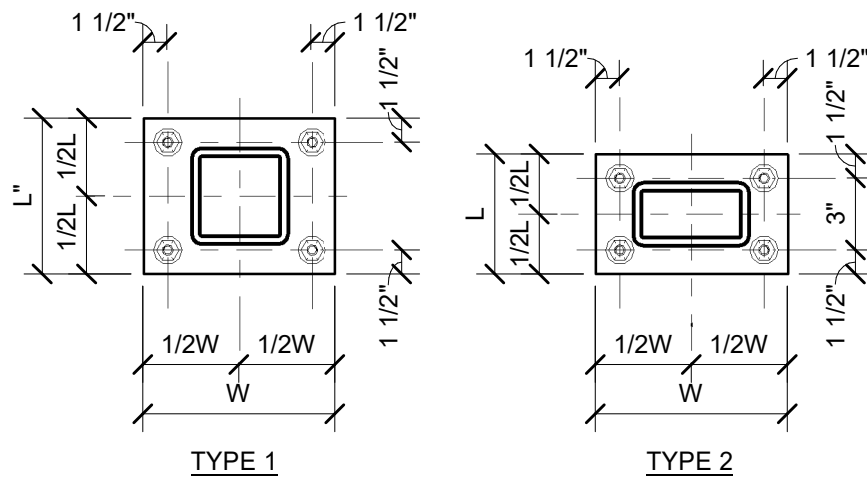
MARK	SIZE 'T' x 'W' x 'L'	ANCHOR RODS	BASE PLATE TYPE	NOTES
BP1	3/4" x 9" x 0'-9"	(4) 3/4" DIA x 4"	1	TYPICAL HSS4x4x1/2
BP2	3/4" x 11" x 0'-9"	(4) 3/4" DIA x 4"	2	TYPICAL HSS5x3x5/16

BASE PLATE NOTES:

1. FASTEN STEEL COLUMN TO TOP OF CONCRETE USING (4) F1554 [36] [55] [105] ANCHOR RODS OF SIZE INDICATED WITH DOUBLE NUTS AT COLUMN BASE PLATE, AND 1 1/2" GROUT AT 3/4" DIAMETER ANCHOR RODS AND 2" GROUT AT 1" DIAMETER ANCHOR RODS, SET ANCHOR RODS WITH 6" PROJECTION



BASE PLATE TYPES:



LOOSE STEEL LINTEL SCHEDULE

PROVIDE WHERE OTHER LINTELS ARE NOT SPECIFICALLY DETAILED

WALL THICK	CLEAR MASONRY OPENING WIDTH	SECTION
ALL	AT FIRE EXTINGUISHER CABINETS AND DRINKING FOUNTAINS	1/4" PLATE
4"	TO 5'-0"	ST3x6.25
4"	TO 7'-0"	PL 3/8 x 4 1/2 ON PL 3/8 x 3 1/2
4"	TO 9'-0"	PL 3/8"x7 1/2" ON PL 3/8"x3 1/2"
6"	TO 5'-0"	(2) L3 1/2x2 1/2x1/4 (LLV)
6"	TO 7'-0"	WT4x10.5
6"	TO 9'-0"	WT7x11
6"	TO 12'-0"	WT7x13 WITH PL 1/2"x2"
8"	TO 5'-0"	(2) L3 1/2x3 1/2x1/4
8"	TO 7'-0"	(2) L4x3 1/2x5/16 (LLV)
8"	TO 9'-0"	WT7x15
10"	TO 7'-0"	W8x10 WITH PL5/16"x9"
10"	TO 10'-0"	W8x15 WITH PL5/16"x9"
12"	TO 5'-0"	(3) L3 1/2x3 1/2x1/4
12"	TO 7'-0"	W8x10 WITH PL5/16"x11"
12"	TO 10'-0"	W8x15 WITH PL5/16"x11"

NOTES:

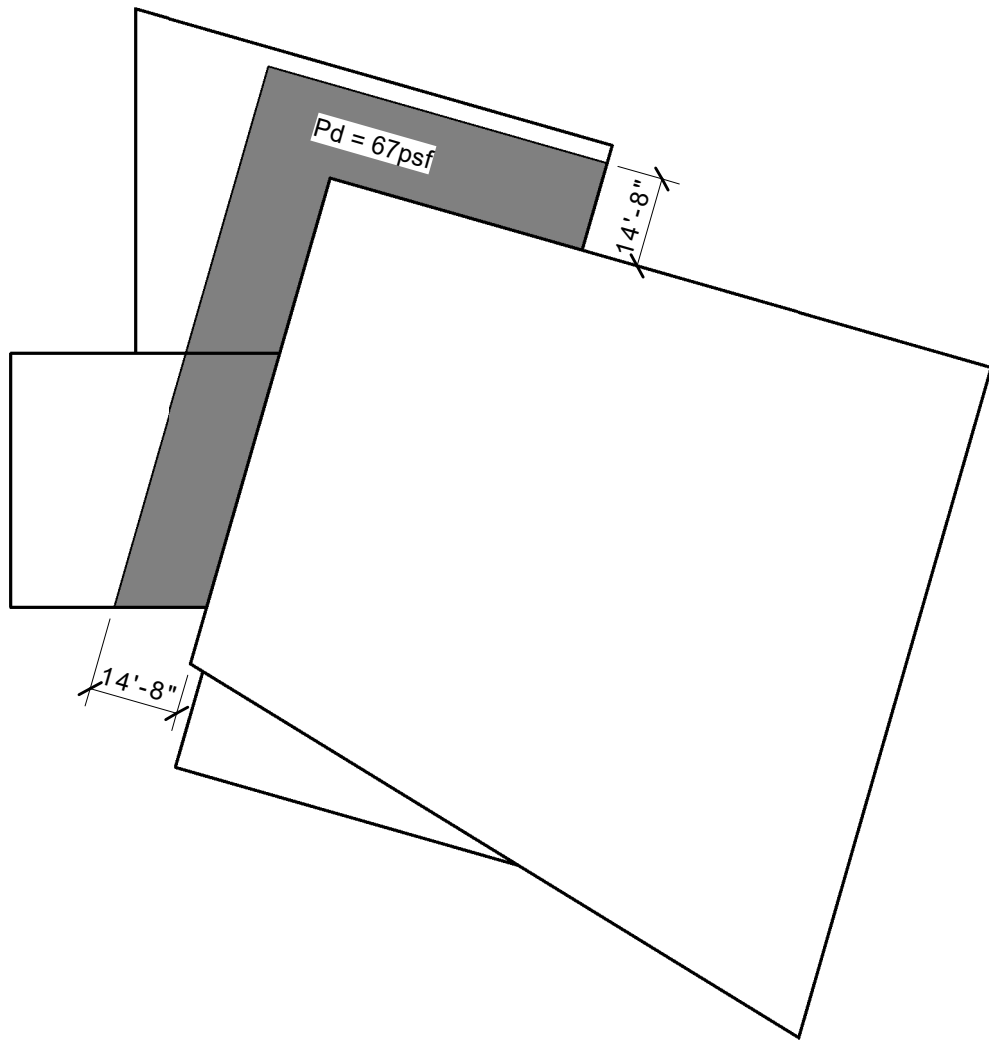
1. PROVIDE MINIMUM 8" BEARING AT EACH END OF LINTEL.
2. GROUT BLOCK CORES AND REINFORCE WITH (1) #5 VERT BELOW LINTEL BEARING.
3. CENTER LINTELS IN WALL UNLESS OTHERWISE NOTED.
4. BOTTOM PLATES UNDER WIDE FLANGE SHAPES SHALL BE EXTENDED FULL LENGTH OF LINTEL.
5. WELD LINTEL COMPONENTS INTO SINGLE UNIT.
6. NOT LINTELS ARE REQUIRED FOR 4" AND 6" NON-BEARING MASONRY WALLS WHERE GROUTED HOLLOW METAL FRAMES HAVE A HEADSPAN OF 4'-0" OR LESS.

BRICK LOOSE LINTEL SCHEDULE

MARK	SECTION	NOTE/ REMARKS
W ≤ 4'-0"	L4x4x5/16	.
6'-6" < L < 9'-0"	L6x4x3/8	.
9'-0" < L < 12'-0"	L7x4x1/2	.
12'-0" < L < 15'-0"	L8x4x3/4	.
		.
		.

NOTES:

1. LINTELS TO BE SHOP PAINTED WITH ZINC RICK URETHANE. SEE SPECIFICATIONS.
2. PROVIDE 4" MIN BEARING EACH END OF LINTEL UNDER 9'-0". 8" BEARING FOR LONGER LINTELS.
3. SEE ARCH FOR CONTROL JOINT LOCATIONS AND FLASHING REQUIREMENTS.



DRIFT LOAD KEY PLAN

SCALE: 12" = 1'-0"

WARNER PARK
COMMUNITY
RECREATION CENTER
EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704

CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

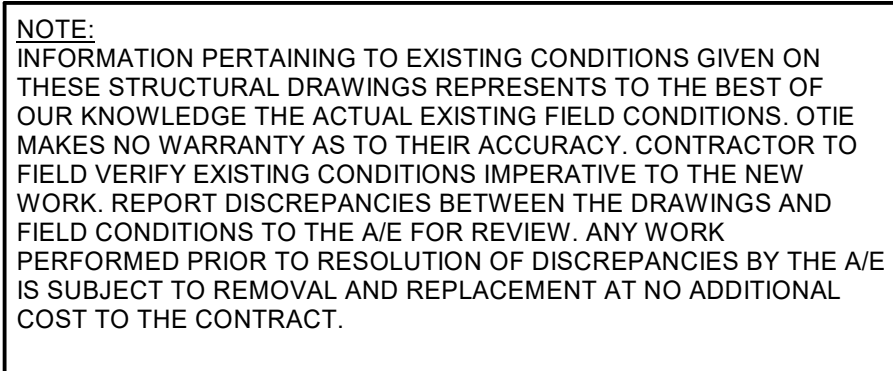
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1	ADDENDUM 2	6/13/2024

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STRUCTURAL
SCHEDULES



1. SEE S001 FOR DESIGN CRITERIA AND ADDITIONAL NOTES.
2. TYPICAL WHERE SLAB ABUTS WALL, PROVIDE "1" RIGID INSULATION. SEE ARCHITECTURAL.
3. AVOID SITUATIONS WHERE CONTROL JOINTS ARE DISCONTINUOUS ACROSS AN ADJACENT JOINT BUT WHERE ABSOLUTELY NECESSARY, PROVIDE (2) #5 @ 1' LONG. DO NOT BROKEN SLAB AT THIS T-INTERSECTION WITH THE UNDERSTANDING THAT THIS WILL LIMIT CURE WIDTH BUT NOT PREVENT IT.
4. REFERENCE ARCHITECTURAL DRAWINGS FOR STOP DIMENSIONS AND FINAL STPOE ELEVATIONS.
5. REFERENCE CONCRETE SPECIFICATIONS FOR CONCRETE FINISH ON SURFACES EXPOSED TO VIEW.



Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items.

1625 NORTHPORT DRIVE
MADISON, WI 53704

CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
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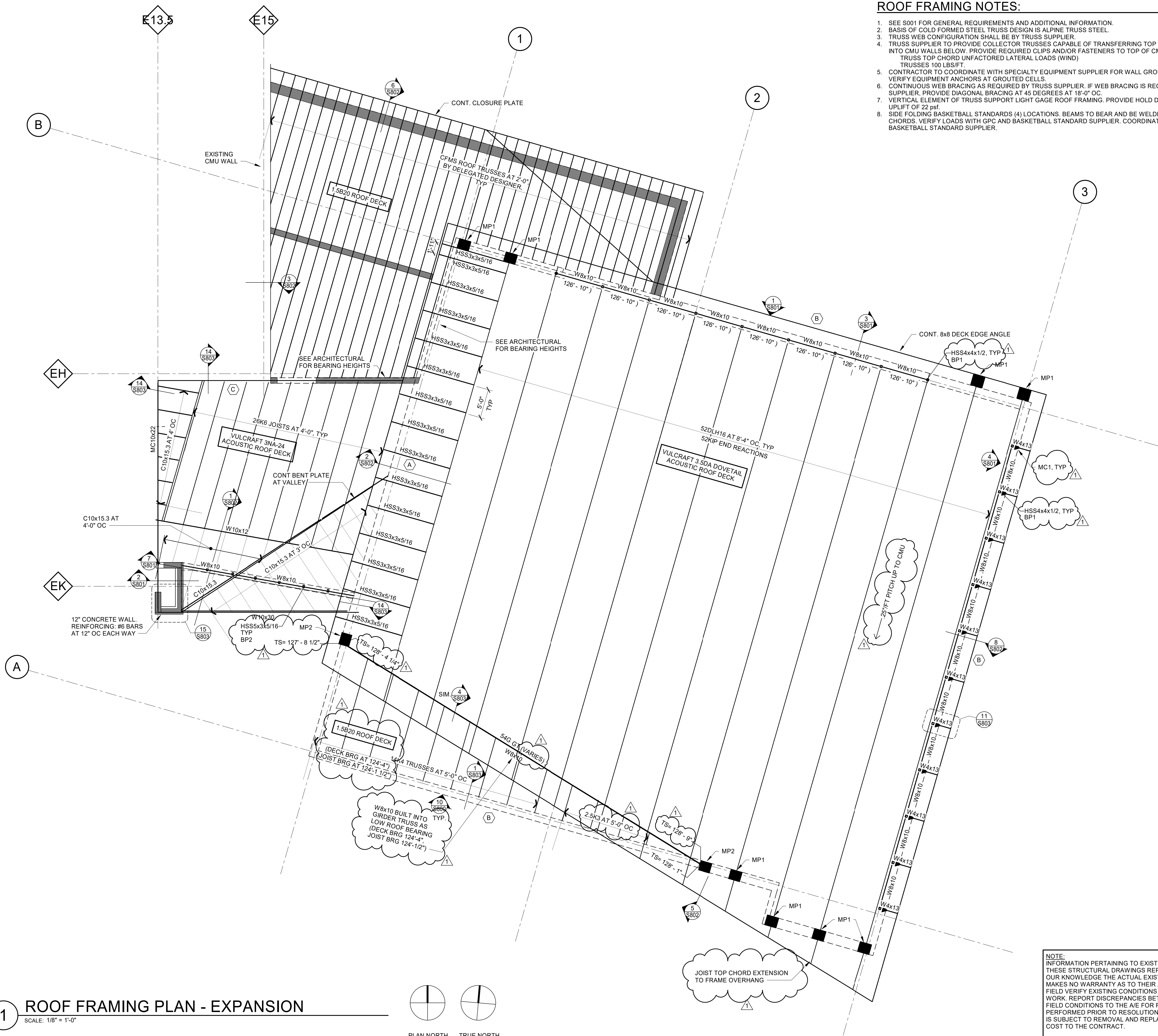
NO.	DESCRIPTION	DATE
1	ADDENDUM 2	6/13/2024

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FOUNDATION PLAN - EXPANSION

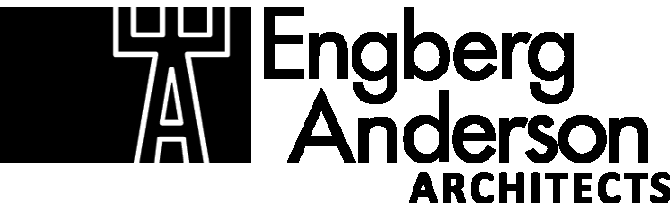
S200



ROOF FRAMING NOTES:

- SEE S001 FOR GENERAL REQUIREMENTS AND ADDITIONAL INFORMATION.
- BASIS OF COLD FORMED STEEL TRUSS DESIGN IS ALPINE TRUSS STEEL.
- TRUSS WEB CONFIGURATION SHALL BE BY TRUSS SUPPLIER.
- TRUSS SUPPLIER TO PROVIDE COLLECTOR TRUSSES CAPABLE OF TRANSFERRING TOP CHORD LATERAL LOADS INTO CMU WALLS BELOW. PROVIDE REQUIRED CLIPS AND/OR FASTENERS TO TOP OF CMU WALL/LEDGER TRUSS TOP CHORD UNFACTORED LATERAL LOADS (WIND) TRUSSES 100 LBS/FT.
- CONTRACTOR TO COORDINATE WITH SPECIALTY EQUIPMENT SUPPLIER FOR WALL GROUTING REQUIREMENTS. VERIFY EQUIPMENT ANCHORS AT GROUTED CELLS.
- CONTINUOUS WEB BRACING AS REQUIRED BY TRUSS SUPPLIER. IF WEB BRACING IS REQUIRED BY THE TRUSS SUPPLIER, PROVIDE DIAGONAL BRACING AT 45 DEGREES AT 18'-0" OC.
- VERTICAL ELEMENT OF TRUSS SUPPORT LIGHT GAGE ROOF FRAMING. PROVIDE HOLD DOWN/STRAP TO RESIST UPLIFT OF 22 psf.
- SIDE FOLDING BASKETBALL STANDARDS (4) LOCATIONS. BEAMS TO BEAR AND BE WELDED TO JOISTS BOTTOM CHORDS. VERIFY LOADS WITH GPC AND BASKETBALL STANDARD SUPPLIER. COORDINATE LOCATIONS WITH BASKETBALL STANDARD SUPPLIER.

NOTE:
INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE STRUCTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. OTIE MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THE NEW WORK. REPORT DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE A/E FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE A/E IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.



MILWAUKEE | MADISON | CHICAGO



www.otie.com Job Number 2023037
Office 608.243.6470 Fax 608.241.3914
5100 Eastpark Blvd, Suite 300,
Madison, Wisconsin 53718

Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items.

WARNER PARK
COMMUNITY
RECREATION CENTER
EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKE SIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

REVISION FOR:

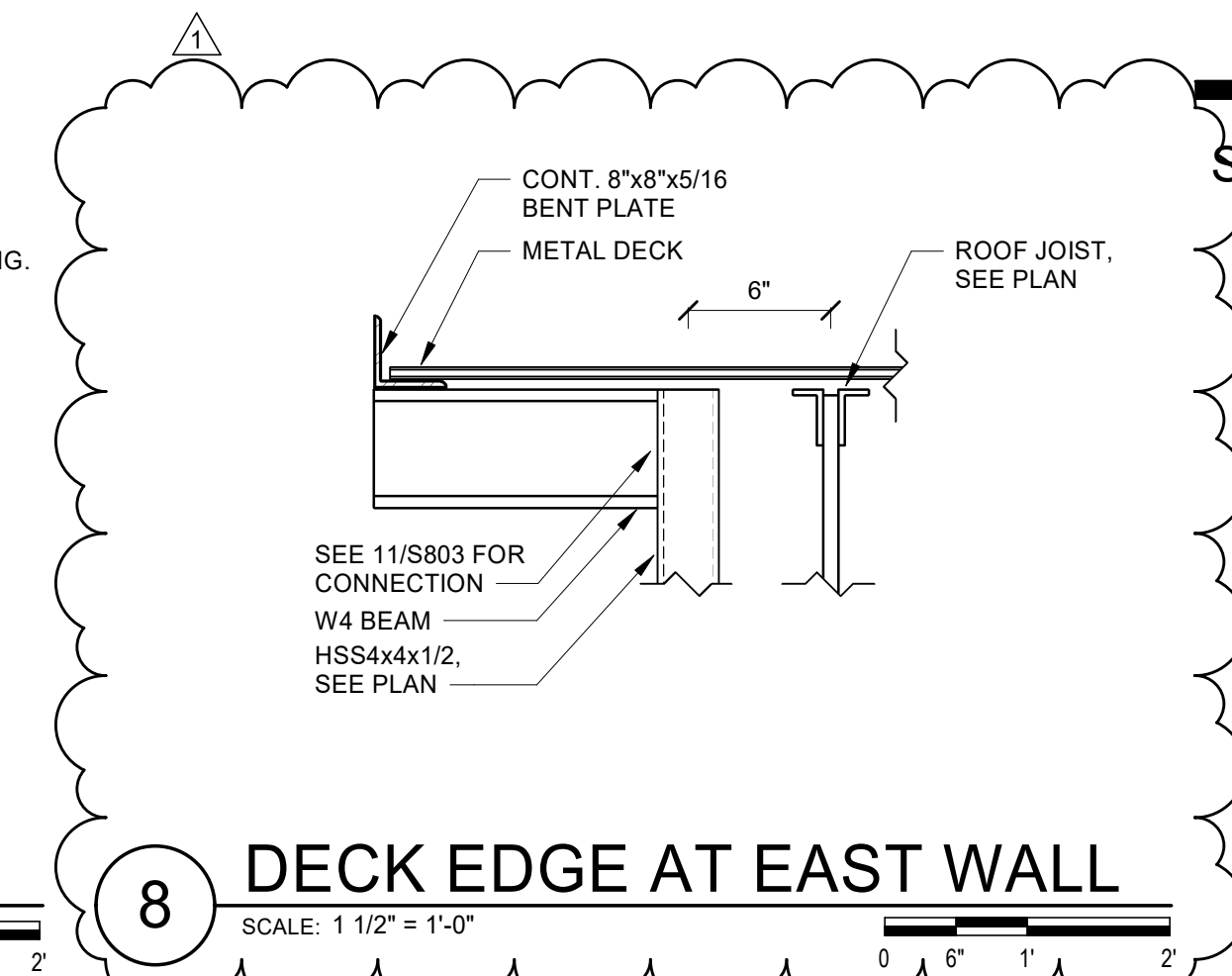
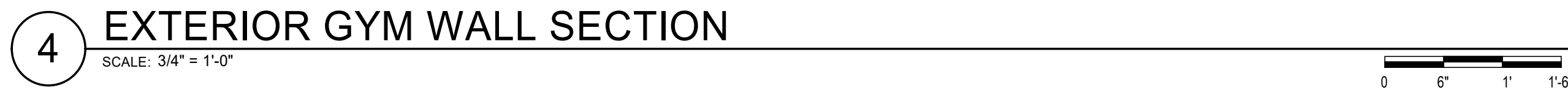
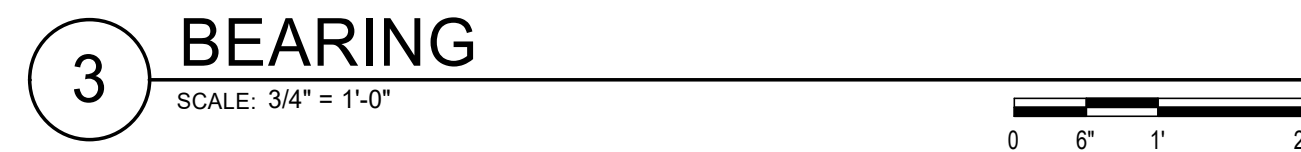
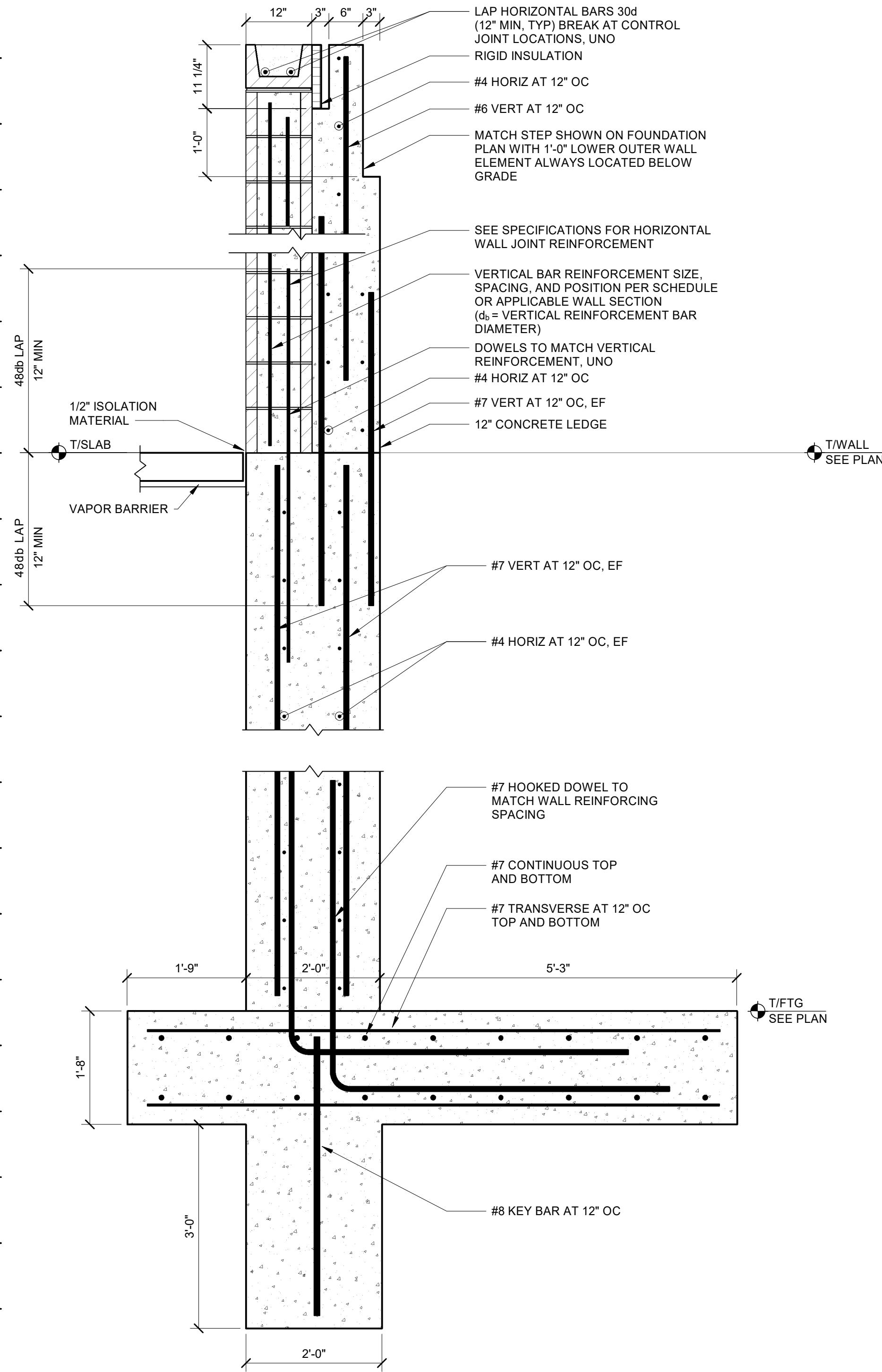
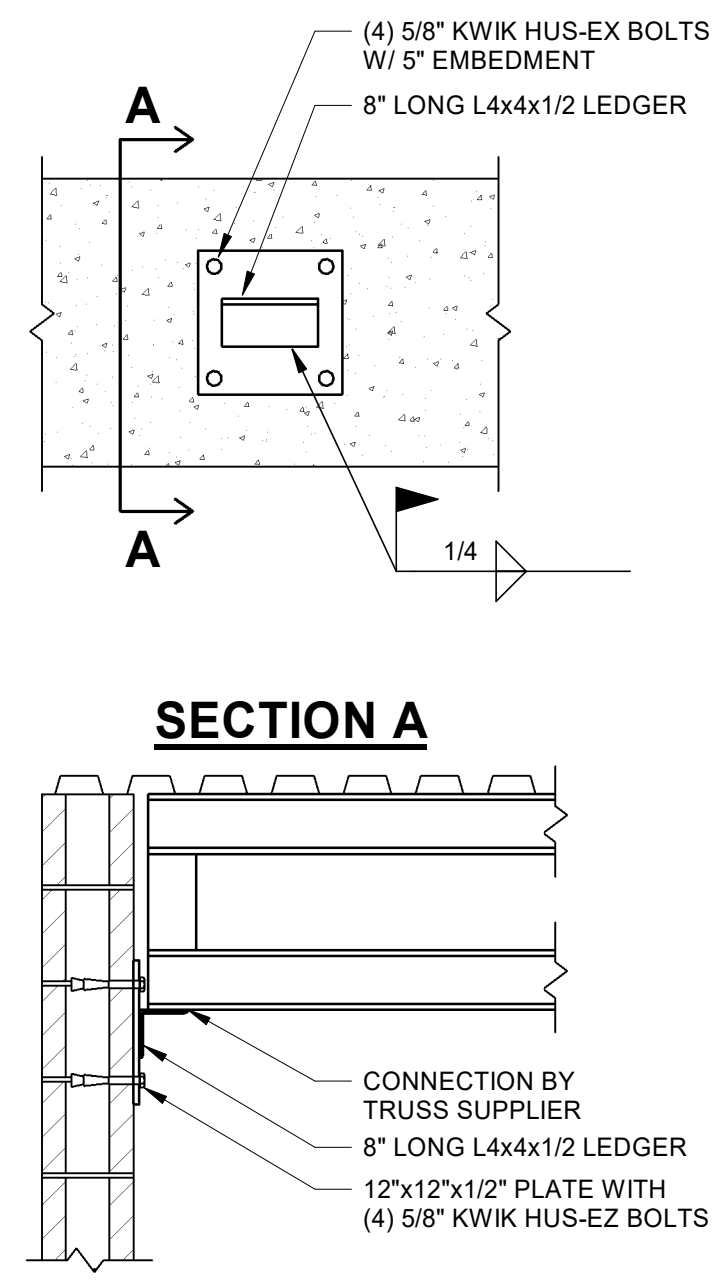
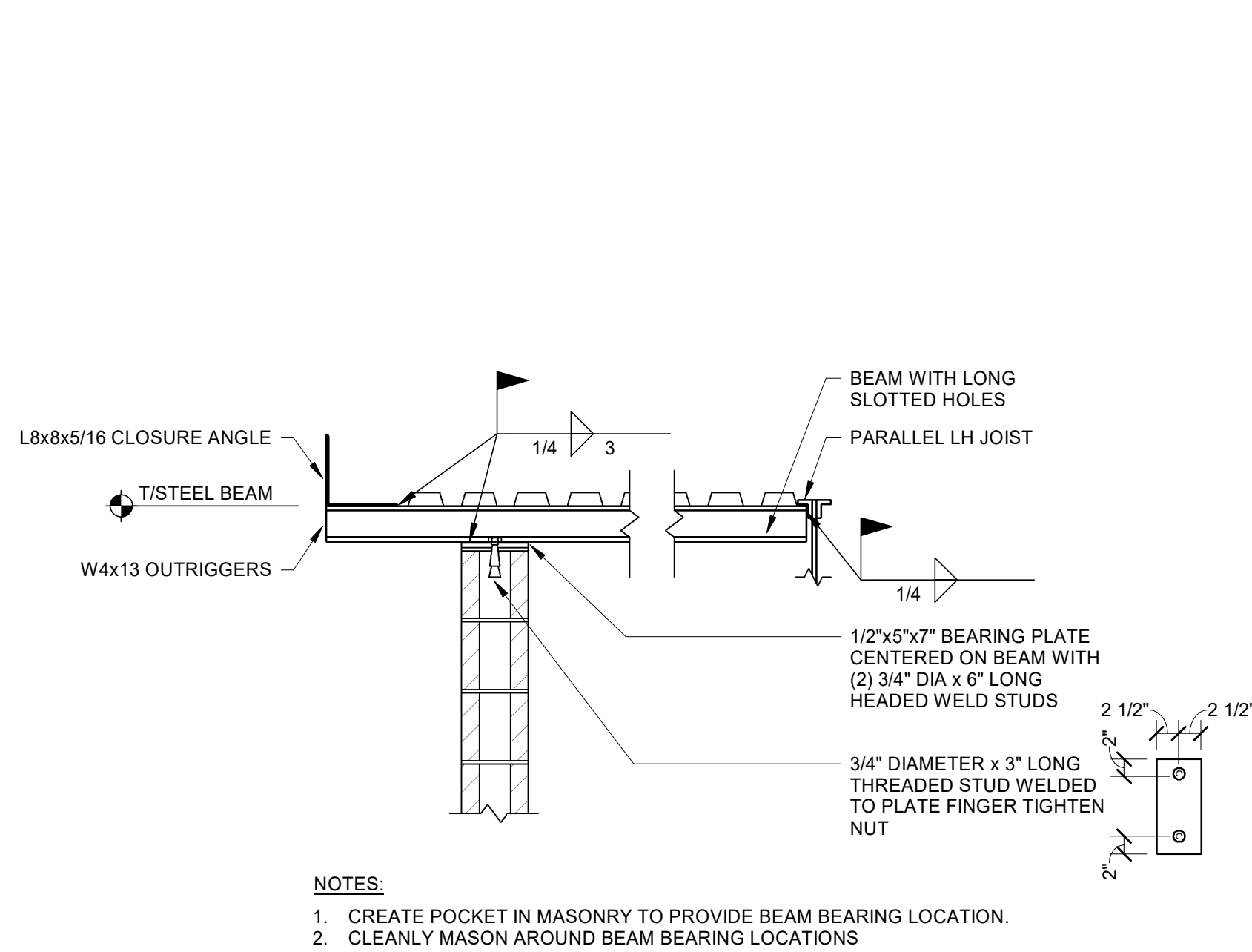
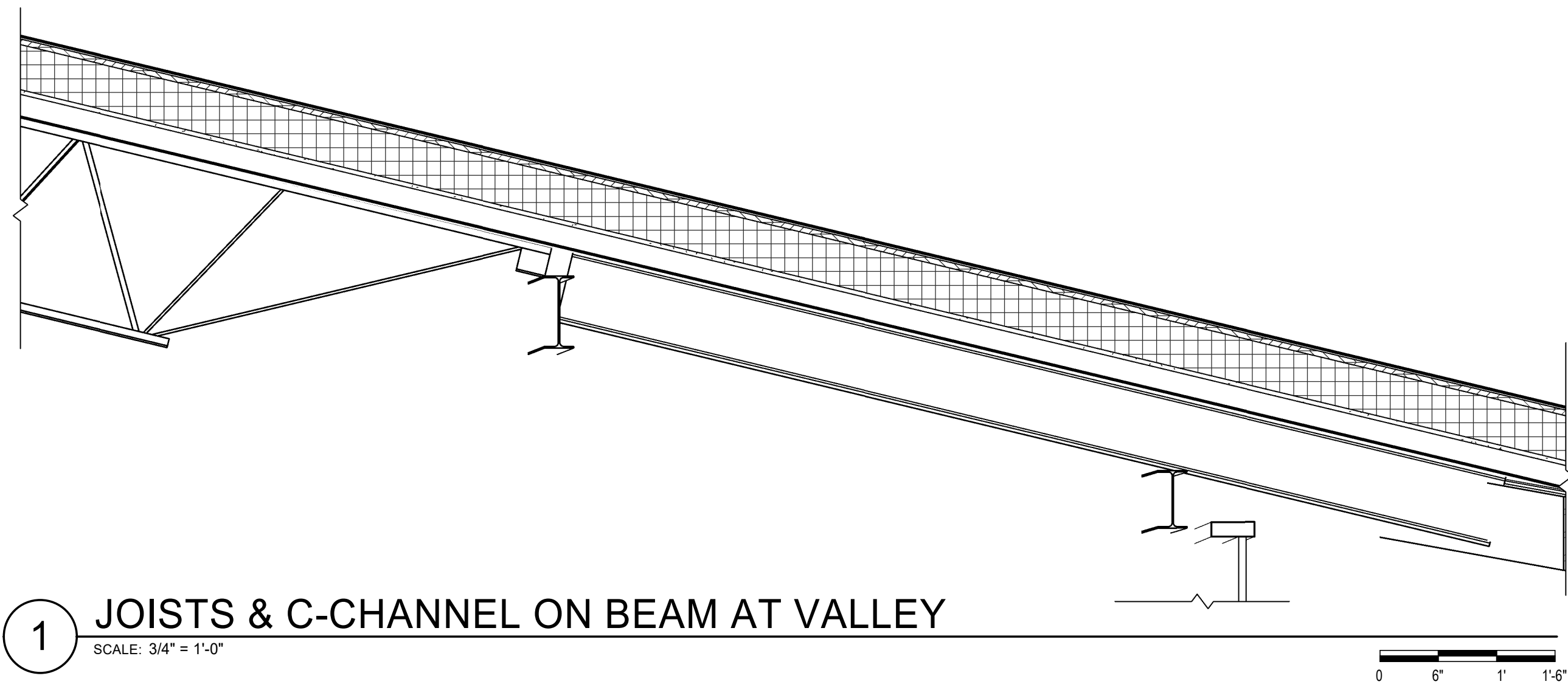
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1	ADDENDUM 2	6/13/2024

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ROOF FRAMING PLAN -
EXPANSION

S201



WARNER PARK
COMMUNITY
RECREATION CENTER
EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

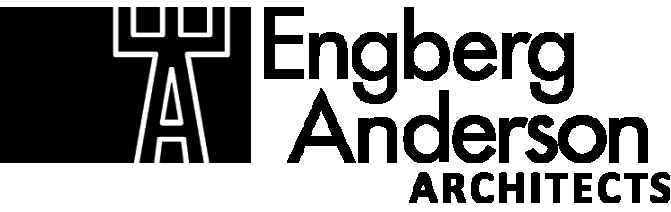
PROJECT NUMBER 223471.00

ISSUED FOR:		
BID SET	5/16/2024	
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REVISION FOR:		
NO.	DESCRIPTION	DATE
1	ADDENDUM 2	6/13/2024

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STRUCTURAL DETAILS

S802



MILWAUKEE | MADISON | CHICAGO



5525 NOBEL DRIVE
SUITE 110
MADISON, WI 53711
PH: 608.277.1728 FAX: 608.271.7046
JDR PROJECT NO: 23.0319

WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

REVISION FOR:

NO.	DESCRIPTION	DATE
1	Addendum #2	6/13/2024

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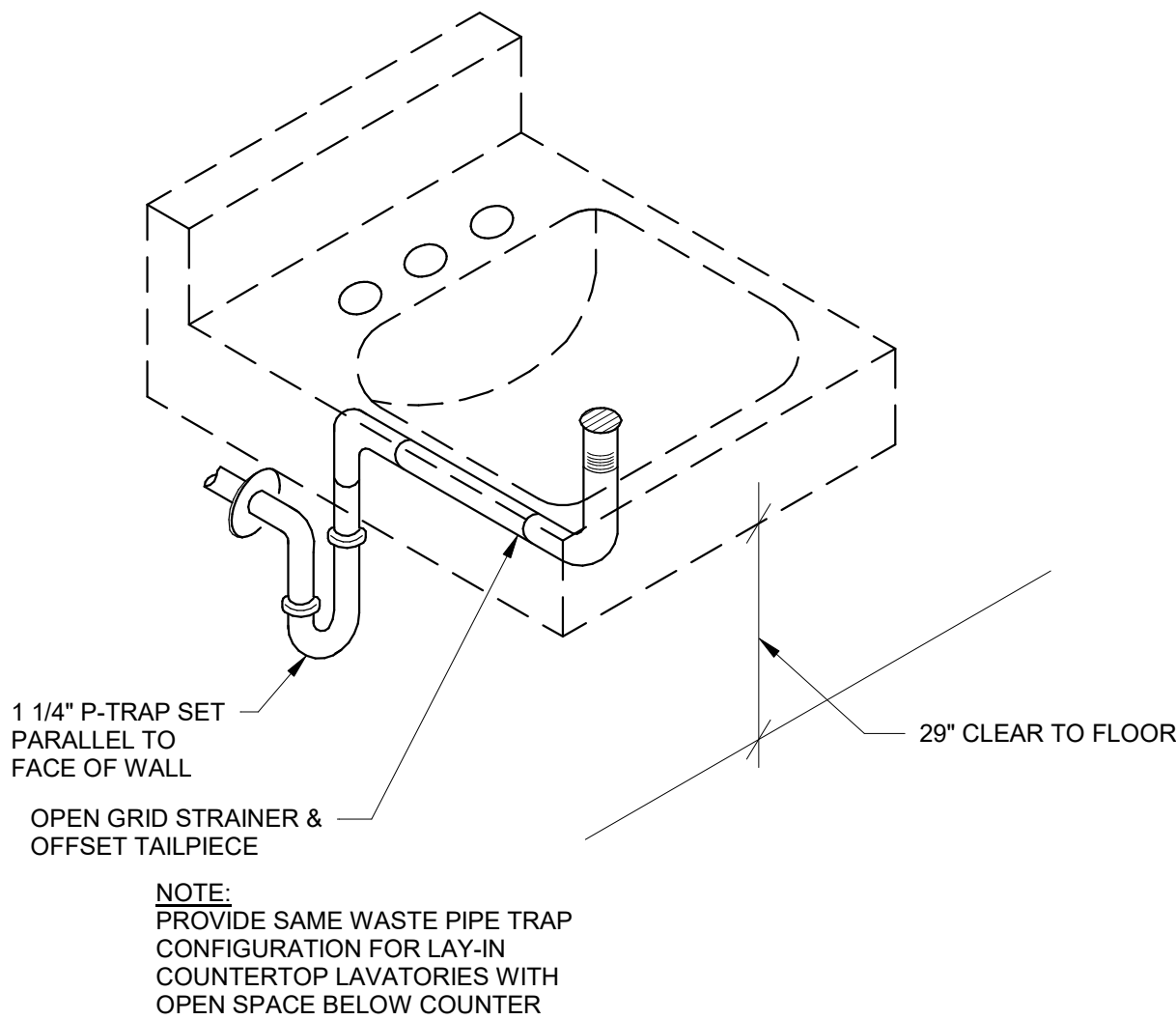
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SCHEDULES - PLUMBING

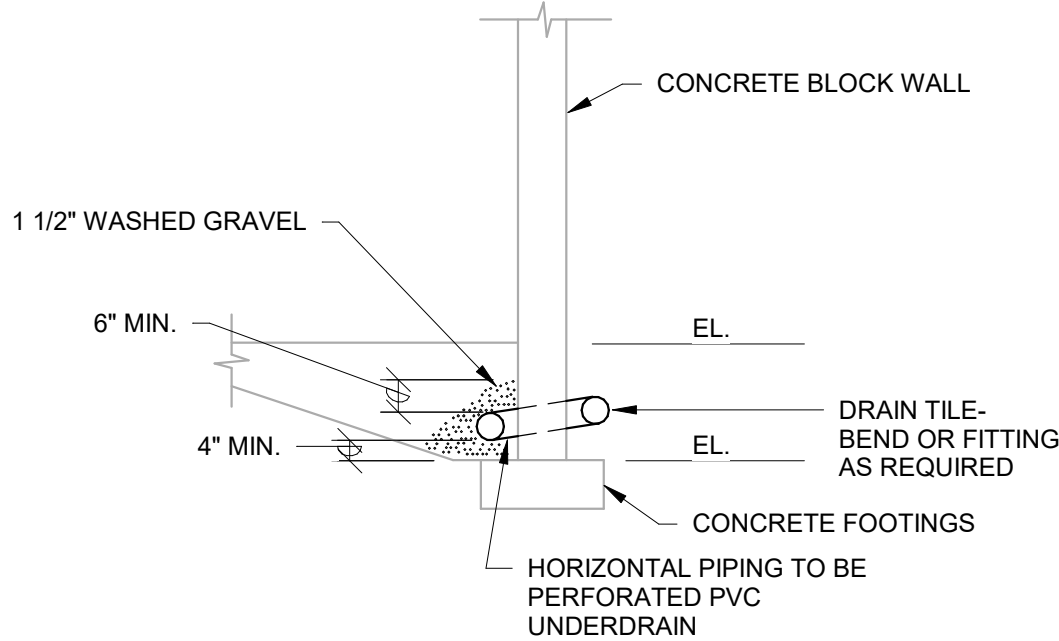
PLUMBING FIXTURES SCHEDULE											
ID	FIXTURE	WASTE			WATER				DETAIL / SHEET	DESCRIPTION / REMARKS	
		DFU	TRAP	VENT (MIN)	COLD CWFU	SIZE	HWFU	SIZE			
EW-C-1	ELECTRIC WATER COOLER WITH BOTTLE FILLER (ADA COMPLIANT)	1	1 1/2"	1 1/2"	0.25	1/2"	---	---	---	FIXTURE: ELKAY LVRCGRN8WSK WALL HUNG, VANDAL RESISTANT ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION AND FILTER, LIGHT GRAY GRANITE FINISH, SELF-CLOSING PUSH BUTTON VALVE CONTROLS, SELF-CONTAINED CHILLER UNDER FIXTURE, ADA COMPLIANT. FIXTURE TO BE MOUNTED AT STANDARD HEIGHT. TRAP & DRAIN: CHROME PLATED 17 GAUGE CAST BRASS TRAP. STOPS & SUPPLIES: McGUIRE LFBV2165CC, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES. SUPPORT: MANUFACTURER'S RECOMMENDED WALL BRACKET AND COMPONENTS.	
EW-C-2	ELECTRIC WATER COOLER WITH BOTTLE FILLER (HI-LO)	1	1 1/2"	1 1/2"	0.25	1/2"	---	---	---	FIXTURE: ELKAY LVRCGRNTL8WSK WALL HUNG VANDAL RESISTANT HI-LO ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION AND FILTER, LIGHT GRAY GRANITE FINISH, SELF-CLOSING PUSH BUTTON VALVE CONTROLS, SELF-CONTAINED CHILLER UNDER FIXTURE, ADA COMPLIANT. FIXTURE TO BE MOUNTED AT ADA HEIGHT. TRAP & DRAIN: CHROME PLATED 17 GAUGE CAST BRASS TRAP. STOPS & SUPPLIES: McGUIRE LFBV2165CC, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES. SUPPORT: MANUFACTURER'S RECOMMENDED WALL BRACKET AND COMPONENTS.	
HB-1	HOSE BIBB	---	---	---	3	1/2"	---	---	---	FIXTURE: WOODFORD MODEL 24 ANTI-SIPHON HOSE BIBB, EXPOSED COLD WATER, INTEGRAL VACUUM BREAKER, 3/4" HOSE CONNECTION.	
L-1	LAVATORY (DOUBLE STATION)	1	1 1/4"	1 1/2"	0.5	1/2"	0.5	1/2"	---	FIXTURE: SLOAN AD-82000 CLARK STREET WALL MOUNTED TWIN STATION LAVATORY SINK, COORDINATE COLOR WITH ARCHITECT, ADA COMPLIANT. PROVIDE SUPPORT AS REQUIRED BY MANUFACTURER. FAUCET: (2) SLOAN OPTIMA ETF-410 HARDWIRED ELECTRONIC FAUCET, 0.35 GPM AERATOR, SINGLE HOLE MOUNTING, CHROME FINISH, SENSOR OPERATED, BOX TRANSFORMER POWER SUPPLY. INCLUDE STATE APPROVED BELOW DECK MIXING VALVE. REFER TO ARCHITECTURAL ELEVATIONS FOR LAYOUT OF FAUCETS. ACCESSORIES: (2) SLOAN ESD-410-CP HARDWIRED FOAM SOAP DISPENSER, CHROME FINISH. INCLUDE ESD-324 PLUG-IN POWER ACCESSORY. (1) XLERATOR XL-SYNC-C-120V HAND DRYER, CHROME FINISH. REFER TO ARCHITECTURAL ELEVATIONS FOR LAYOUT OF ACCESSORIES. TRAP & DRAIN: PROVIDE McGUIRE PROWRAP PRE-WRAPPED OFFSET DRAIN AND P-TRAP, CHROME PLATED 17 GAUGE CAST BRASS TRAP, WITH GRID STRAINER DRAIN. STOPS & SUPPLIES: QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.	
L-2	LAVATORY (SINGLE STATION)	1	1 1/4"	1 1/2"	0.5	1/2"	0.5	1/2"	---	FIXTURE: SLOAN AD-81000 CLARK STREET WALL MOUNTED SINGLE STATION LAVATORY SINK, COORDINATE COLOR WITH ARCHITECT, ADA COMPLIANT. PROVIDE SUPPORT AS REQUIRED BY MANUFACTURER. FAUCET: (1) SLOAN OPTIMA ETF-410 HARDWIRED ELECTRONIC FAUCET, 0.35 GPM AERATOR, SINGLE HOLE MOUNTING, CHROME FINISH, SENSOR OPERATED, BOX TRANSFORMER POWER SUPPLY. INCLUDE STATE APPROVED BELOW DECK MIXING VALVE. REFER TO ARCHITECTURAL ELEVATIONS FOR LAYOUT OF FAUCET. ACCESSORIES: (1) SLOAN ESD-410-CP HARDWIRED FOAM SOAP DISPENSER, CHROME FINISH. INCLUDE ESD-324 PLUG-IN POWER ACCESSORY. (1) XLERATOR XL-SYNC-C-120V HAND DRYER, CHROME FINISH. REFER TO ARCHITECTURAL ELEVATIONS FOR LAYOUT OF ACCESSORIES. TRAP & DRAIN: PROVIDE McGUIRE PROWRAP PRE-WRAPPED OFFSET DRAIN AND P-TRAP, CHROME PLATED 17 GAUGE CAST BRASS TRAP, WITH GRID STRAINER DRAIN. STOPS & SUPPLIES: QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.	
SH-1	SHOWER (ADA COMPLIANT)	2	2"	1 1/2"	2	1/2"	2	1/2"	---	ENCLOSURE: FIELD BUILT BY OTHERS. FIXTURE INCLUDING CONTROLS: ACORN 538-CSH-WSB-DIV-FX-QD-RD SHOWER SYSTEM, 1.5 GPM, ONE FIXED CONICAL SHOWER HEAD MOUNTED ON WALL, REFER TO ARCHITECTURAL PLANS FOR FIXED SHOWER HEAD MOUNTING HEIGHT, ANTI-LIGATURE TEMPERATURE / VOLUME CONTROL WITH INTEGRAL STOPS, TEMP-PRESSURE BALANCING VALVE. INCLUDE DIVERTER VALVE WITH HANDHELD SHOWER & RPT STAINLESS STEEL HOSE WITH QUICK DISCONNECT. RPT TO PROVIDE 14 GAUGE STAINLESS STEEL PANEL FOR SHOWER CONTROL AND DIVERTER VALVE. COORDINATE SIZE AND LOCATION OF 14 GAUGE STAINLESS STEEL PANEL WITH GC. TEMPERATURE CONTROL AND DIVERTER VALVE MOUNTED ON 14 GAUGE STAINLESS STEEL PANEL, VALVE CONCEALED BEHIND PANEL, ADA COMPLIANT. HAND SHOWER, 14 GAUGE STAINLESS STEEL PANEL, AND CONTROLS TO BE INSTALLED ON NORTH (LONG SIDE) WALL. SHOWER HEAD TO BE INSTALLED ON EAST (SHORT SIDE) WALL. DRAIN: FLOOR DRAIN FD-1 IN SHOWER FLOOR.	
UR-1	URINAL (STANDARD HEIGHT)	2	2"	1 1/2"	2	3/4"	---	---	---	FIXTURE: ZURN ECO VANTAGE HET WALL HUNG TOILET Z5615-BWL-AM, FLUSH VALVE TOILET, WHITE VITREOUS CHINA, ELONGATED BOWL, ZURNSHEILD CERAMIC GLAZE, 1.28 GPF MAX, 2 1/2" TRAPWAY, 1-1/2" TOP SPUD, MOUNTED AT ADA HEIGHT. FLUSH VALVE: ZURN AQUASENSE ZER6000AV-HET-TM-HW, CONCEALED SENSOR OPERATED HARDWIRED URINAL FLUSH VALVE, INFRARED SENSOR, 3/4" TOP SPUD, 0.5 GPF, DIAPHRAGM TYPE, ELECTRICAL OVERRIDE, POLISHED CHROME FINISH, ADA COMPLIANT. PROVIDE ZURN P6000-HW6 HARDWIRED POWER CONVERTER. SUPPORT: COMMERCIAL GRADE, WALL HUNG URINAL SUPPORT, STEEL STANCHIONS, IRON WELDED FEET, STEEL SLEEVES, FASTEN TO FLOOR.	
UR-2	URINAL (ADA HEIGHT)	2	2"	1 1/2"	2	3/4"	---	---	---	FIXTURE: ZURN OMNI-FLO Z5755-U, WALL HUNG URINAL, 0.5 GPF, FLUSHOMETER TYPE, WASHOUT, 3/4" TOP SPUD, WHITE VITREOUS CHINA, MOUNTED AT ADA HEIGHT. FLUSH VALVE: ZURN AQUASENSE ZER6000AV-HET-TM-HW, CONCEALED SENSOR OPERATED HARDWIRED URINAL FLUSH VALVE, INFRARED SENSOR, 3/4" TOP SPUD, 0.5 GPF, DIAPHRAGM TYPE, ELECTRICAL OVERRIDE, POLISHED CHROME FINISH, ADA COMPLIANT. PROVIDE ZURN P6000-HW6 HARDWIRED POWER CONVERTER. SUPPORT: COMMERCIAL GRADE, WALL HUNG URINAL SUPPORT, STEEL STANCHIONS, IRON WELDED FEET, STEEL SLEEVES, FASTEN TO FLOOR.	
WC-1	WATER CLOSET (STANDARD HEIGHT)	6	4"	2"	6.5	1 1/2"	---	---	---	FIXTURE: ZURN ECO VANTAGE HET WALL HUNG TOILET Z5615-BWL-AM, FLUSH VALVE TOILET, WHITE VITREOUS CHINA, ELONGATED BOWL, ZURNSHEILD CERAMIC GLAZE, 1.28 GPF MAX, 2 1/2" TRAPWAY, 1-1/2" TOP SPUD, MOUNTED AT ADA HEIGHT. FLUSH VALVE: ZURN AQUASENSE ZER6000AV-HET-TM-HW, CONCEALED SENSOR OPERATED HARDWIRED FLUSH VALVE, INFRARED SENSOR, 1-1/2" TOP SPUD, 1.28 GPF, DIAPHRAGM TYPE, ELECTRICAL OVERRIDE, POLISHED CHROME FINISH, ADA COMPLIANT. PROVIDE ZURN P6000-HW6 HARDWIRED POWER CONVERTER. SEAT: ZURN Z5955SS-EL-AM, OPEN FRONT TOILET SEAT, WHITE INJECTION MOLDED, SELF SUSTAINING CHECK HINGES, ANTI-MICROBIAL AGENT. SUPPORT: COMMERCIAL GRADE WATER CLOSET CARRIER.	
WC-2	WATER CLOSET (ADA HEIGHT)	6	4"	2"	6.5	1 1/2"	---	---	---	FIXTURE: ZURN ECO VANTAGE HET WALL HUNG TOILET Z5615-BWL-AM, FLUSH VALVE TOILET, WHITE VITREOUS CHINA, ELONGATED BOWL, ZURNSHEILD CERAMIC GLAZE, 1.28 GPF MAX, 2 1/2" TRAPWAY, 1-1/2" TOP SPUD, MOUNTED AT ADA HEIGHT. FLUSH VALVE: ZURN AQUASENSE ZER6000AV-HET-TM-HW, CONCEALED SENSOR OPERATED HARDWIRED FLUSH VALVE, INFRARED SENSOR, 1-1/2" TOP SPUD, 1.28 GPF, DIAPHRAGM TYPE, ELECTRICAL OVERRIDE, POLISHED CHROME FINISH, ADA COMPLIANT. PROVIDE ZURN P6000-HW6 HARDWIRED POWER CONVERTER. SEAT: ZURN Z5955SS-EL-AM, OPEN FRONT TOILET SEAT, WHITE INJECTION MOLDED, SELF SUSTAINING CHECK HINGES, ANTI-MICROBIAL AGENT. SUPPORT: COMMERCIAL GRADE WATER CLOSET CARRIER.	
WH-1	WALL HYDRANT	---	---	---	4	3/4"	---	---	---	FIXTURE: WOODFORD MODEL B67, EXTERNAL FREEZELESS WALL HYDRANT BOX TYPE, AUTOMATIC DRAINING, INTEGRAL VACUUM BREAKER, 3/4" HOSE CONNECTION, LOOSE TEE KEY WITH TAMPER RESISTANT BOX.	

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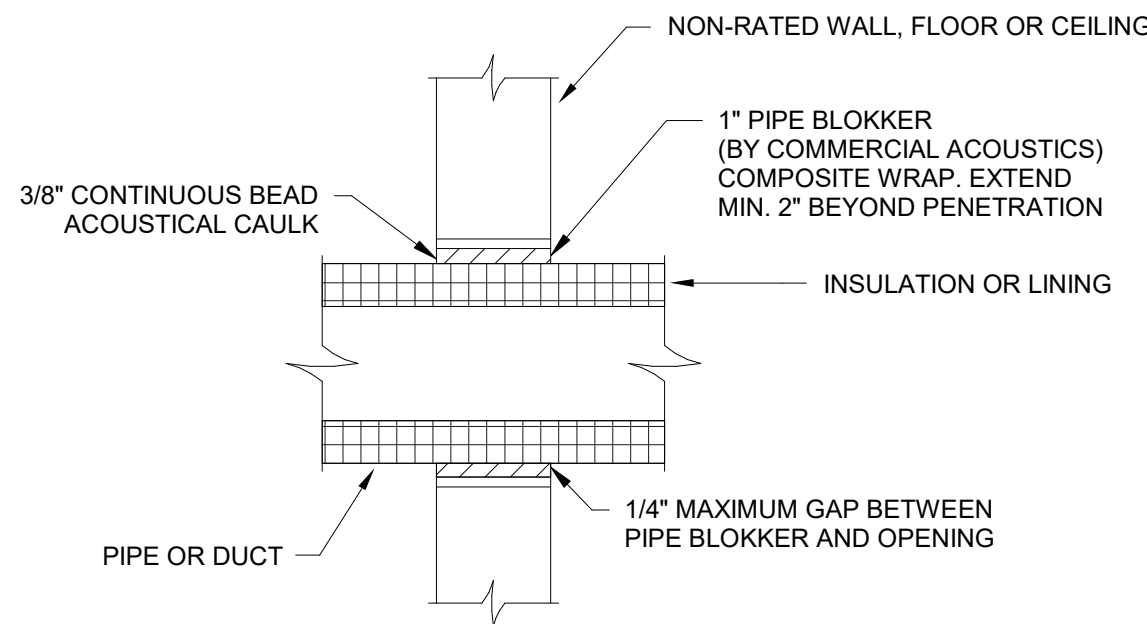
PLUMBING DRAIN AND CLEANOUT SCHEDULE						
ID	FIXTURE	WASTE			DETAIL / SHEET	DESCRIPTION / REMARKS
		DFU	TRAP	VENT		
FD-1	FLOOR DRAIN (ROUND)	2	2"	1 1/2"	---	FIXTURE: ZURN ZN415-B, CAST IRON BODY, 6" DIAMETER NICKEL BRONZE STRAINER, COMBINATION INVERTIBLE MEMBRANE CLAMP, AND ADJUSTABLE COLLAR.
		3	3"	1 1/2"		
		4	4"	2"		
FD-2	FLOOR DRAIN (ROUND, HEAVY DUTY)	2	2"	1 1/2"	---	FIXTURE: ZURN ZN508, CAST IRON BODY, 9" DIAMETER NICKEL BRONZE TOP, SEEPAGE PAN, COMBINATION MEMBRANE FLASHING CLAMP & FRAME, AND HEAVY DUTY DEEP FLANGE SLOTTED GRATE.
		3	3"	1 1/2"		
		4	4"	2"		
HD-1	HUB DRAIN - AT GRADE	3	2"	1 1/2"	---	EXTEND HUB 2" (MIN) ABOVE FLOOR, INSTALL PIPE INCREASER ONE PIPE SIZE LARGER MINIMUM.
		4	3"	1 1/2"		
		6	4"	2"		
RD-1	ROOF DRAIN	---	---	---	---	FIXTURE: ZURN ZC100-C-EA-R ROOF DRAIN, CAST IRON BODY, 15" DIA, COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD, UNDERDECK CLAMP, ADJUSTABLE EXTENSION, ROOF SUMP RECEIVER, AND CAST IRON STRAINER.
ECO	FLOOR CLEANOUT	---	---	---	---	FINISHED AREAS WITH HARD FLOORS: ZURN ZN1400-BP, CAST IRON, ADJUSTABLE FLOOR CLEANOUT WITH NICKEL BRONZE TOP AND BRONZE PLUG. FINISHED AREAS WITH CARPETED FLOORS: ZURN ZN1400-BP-CM, CAST IRON, ADJUSTABLE FLOOR CLEANOUT WITH NICKEL BRONZE TOP AND BRONZE PLUG, WITH CARPET MARKER. UNFINISHED AREAS: ZURN ZN1400-BP, CAST IRON, ADJUSTABLE FLOOR CLEANOUT WITH NICKEL BRONZE TOP AND BRONZE PLUG.
WCO	WALL CLEANOUT	---	---	---	---	FIXTURE: ZURN ZS1468, POLISHED STAINLESS STEEL, ROUND ACCESS COVER, SECURING SCREW & BRONZE RAISED HEX HEAD PLUG, VERIFY LENGTH OF SCREW WITH WALL CONSTRUCTION.
YCO	YARD CLEANOUT	---	---	---	---	FIXTURE: 4" PIPE RISER WITH PLUMBING CREATION CI-48-6 FROST SLEEVE OR 6" PIPE RISER WITH PLUMBING CREATION CI-48-6 FROST SLEEVE EXTENDING 5 FEET BELOW FINISHED GRADE.



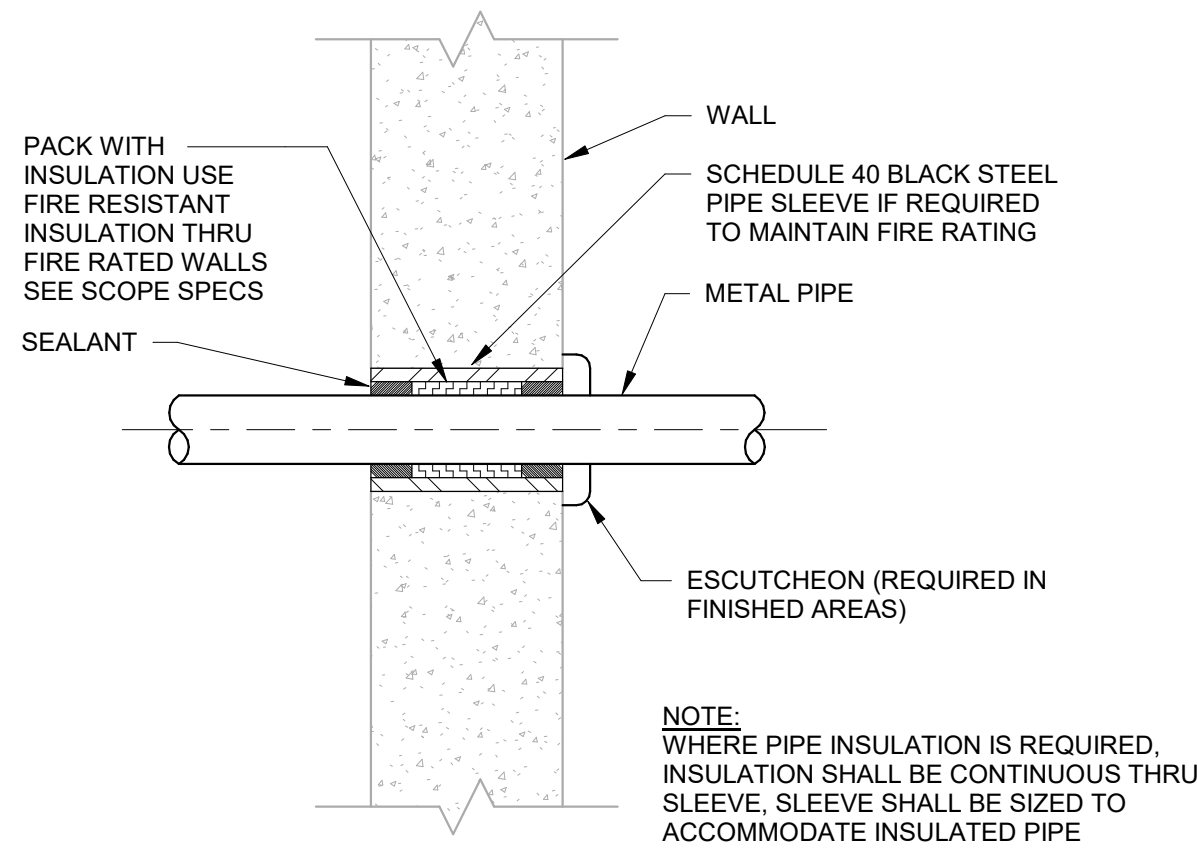
4 WALL HUNG LAVATORY - BARRIER FREE
P901 SCALE: NONE



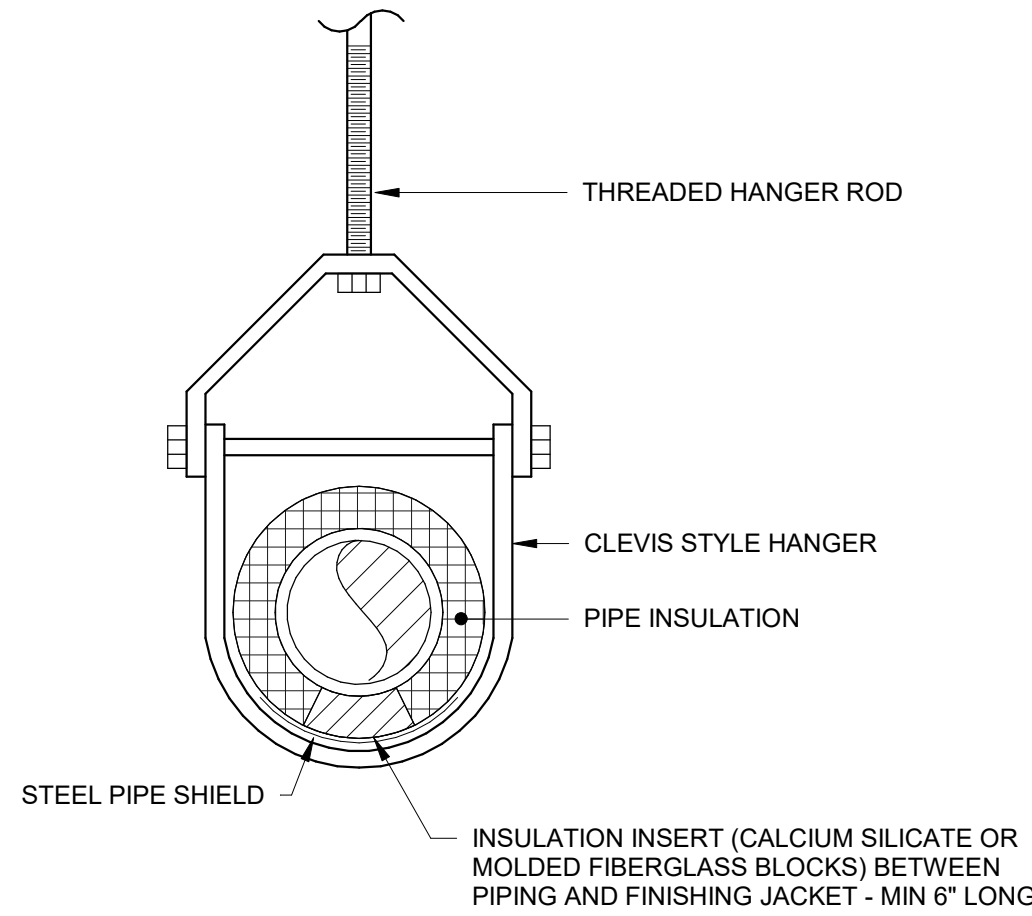
5 SECTION THRU DRAIN TILE
P901 SCALE: NONE



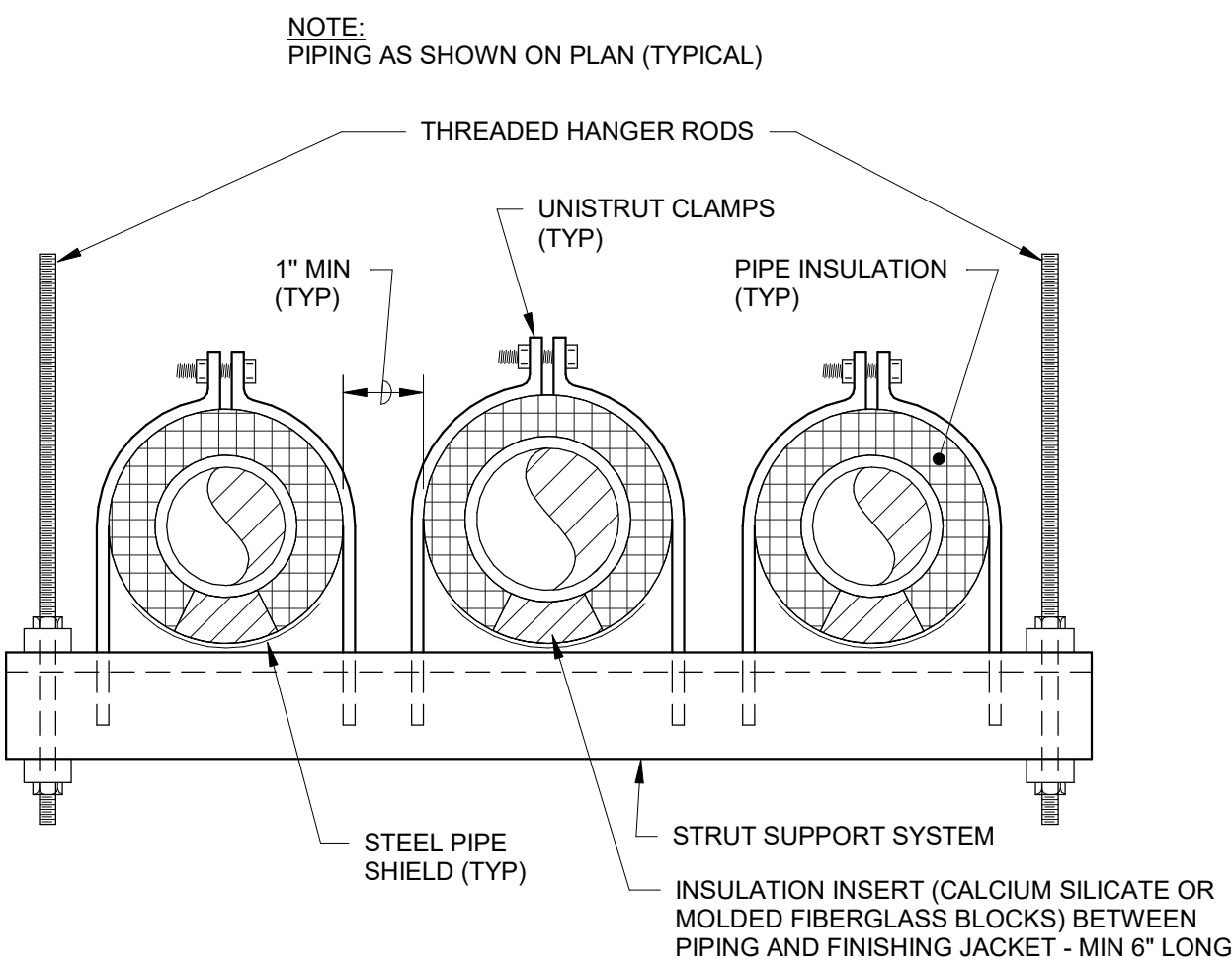
6 SOUND ATTENUATION PIPE SLEEVE
P901 SCALE: NONE



1 SLEEVE THRU WALL DETAIL
P901 SCALE: NONE



2 PIPE HANGER DETAIL
P901 SCALE: NONE



3 TRAPEZE HANGER DETAIL
P901 SCALE: NONE

WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE

MADISON, WI 53704

CITY OF MADISON PARKS DIVISION

330 EAST LAKESIDE STREET

MADISON, WI 53715

PROJECT NUMBER

223471.00

ISSUED FOR:

BID SET

5/16/2024

REVISION FOR:

NO.

DESCRIPTION

DATE

1

Addendum #2

6/13/2024

DRAWN BY

Author

CHECKED BY

Checker

DETAILS - PLUMBING

WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

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CHECKED BY RCS

FIRST FLOOR
EXPANSION PLAN - HVAC

M201



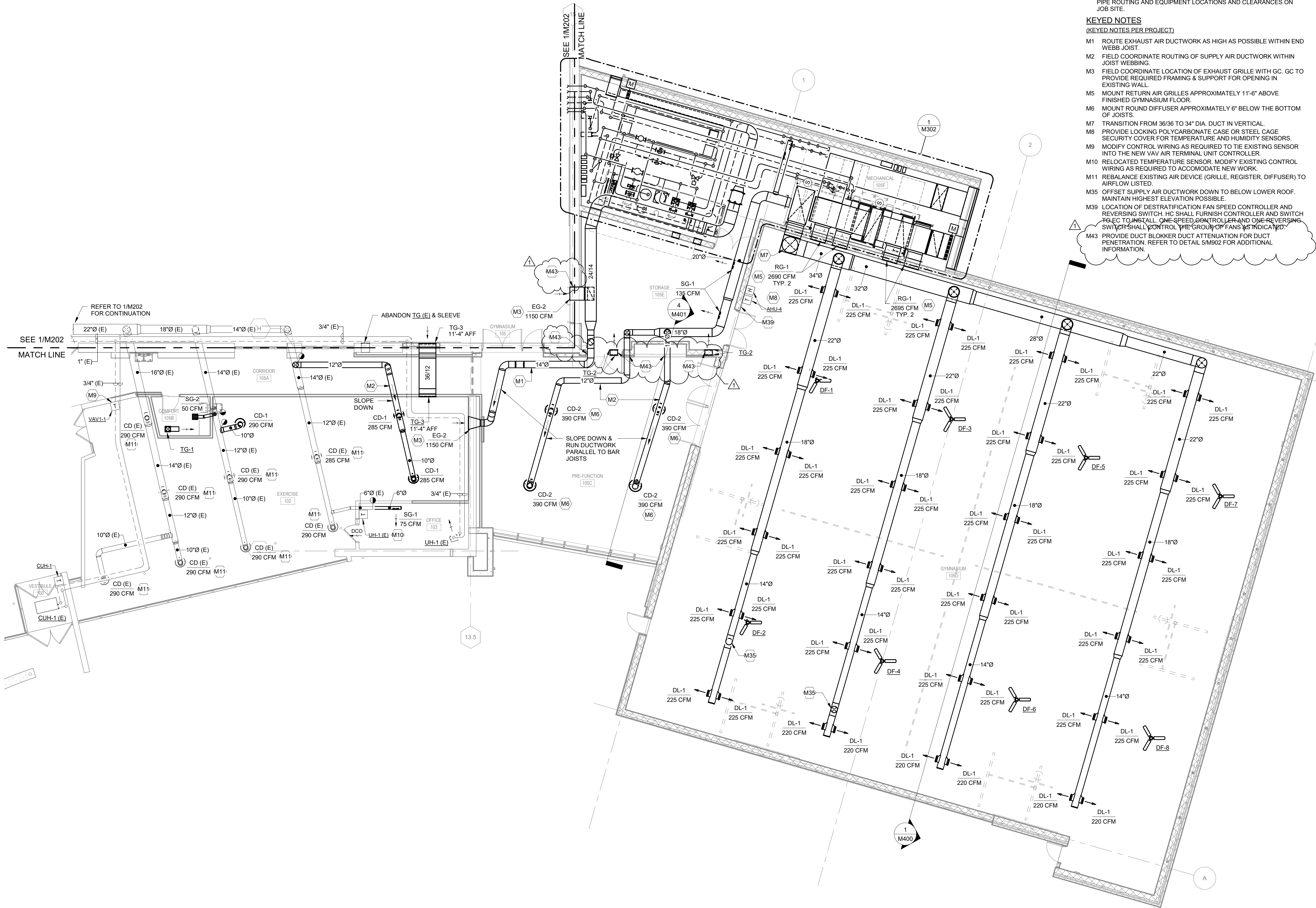
GENERAL NOTES:

- COORDINATE ALL DUCT, PIPING, AND EQUIPMENT INSTALLATION WITH JOIST LAYOUT WHERE REQUIRED.
- HVAC CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF DUCT & PIPE ROUTING AND EQUIPMENT LOCATIONS AND CLEARANCES ON JOB SITE.

KEYED NOTES

(KEYED NOTES PER PROJECT)

- M1 ROUTE EXHAUST AIR DUCTWORK AS HIGH AS POSSIBLE WITHIN END WEBB JOIST.
- M2 FIELD COORDINATE ROUTING OF SUPPLY AIR DUCTWORK WITHIN JOIST WEBBING.
- M3 FIELD COORDINATE LOCATION OF EXHAUST GRILLE WITH GC. GC TO PROVIDE REQUIRED FRAMING & SUPPORT FOR OPENING IN EXISTING WALL.
- M5 MOUNT RETURN AIR GRILLES APPROXIMATELY 11'-6" ABOVE FINISHED GYMNASIUM FLOOR.
- M6 MOUNT ROUND DIFFUSER APPROXIMATELY 6" BELOW THE BOTTOM OF JOISTS.
- M7 TRANSITION FROM 36/36 TO 34" DIA. DUCT IN VERTICAL.
- M8 PROVIDE LOCKING POLYCARBONATE CASE OR STEEL CAGE SECURITY COVER FOR TEMPERATURE AND HUMIDITY SENSORS.
- M9 MODIFY CONTROL WIRING AS REQUIRED TO TIE EXISTING SENSOR INTO THE NEW VAV AIR TERMINAL UNIT CONTROLLER.
- M10 RELOCATED TEMPERATURE SENSOR. MODIFY EXISTING CONTROL WIRING AS REQUIRED TO ACCOMMODATE NEW WORK.
- M11 REBALANCE EXISTING AIR DEVICE (GRILLE, REGISTER, DIFFUSER) TO AIRFLOW LISTED.
- M35 OFFSET SUPPLY AIR DUCTWORK DOWN TO BELOW LOWER ROOF. MAINTAIN HIGHEST ELEVATION POSSIBLE.
- M39 LOCATION OF DESTRATIFICATION FAN SPEED CONTROLLER AND REVERSING SWITCH. HC SHALL FURNISH CONTROLLER AND SWITCH. RELOC TO INSTALL ONE SPEED CONTROLLER AND ONE REVERSING SWITCH SHALL CONTROL THE GROUP OF FANS AS INDICATED.
- M43 PROVIDE DUCT BLOKKER DUCT ATTENUATION FOR DUCT PENETRATION. REFER TO DETAIL 3/M902 FOR ADDITIONAL INFORMATION.



CHILLER DEMOLITION & REPLACEMENT NOTES:

1. HVAC CONTRACTOR SHALL PHASE THE DEMOLITION OF THE EXISTING CHILLER AND CHILLED WATER PLANT WITH THE INSTALLATION OF THE NEW HEAT RECOVERY CHILLER PLANT. EXISTING CHILLER AND CHILLED WATER PLANT SHALL REMAIN OPERATIONAL TO LIMIT DOWNTIME OF COOLING TO THE FACILITY.

GENERAL NOTES:

1. COORDINATE ALL DUCT, PIPING, AND EQUIPMENT INSTALLATION WITH JOIST LAYOUT WHERE REQUIRED.
2. HVAC CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF DUCT & PIPE ROUTING AND EQUIPMENT LOCATIONS AND CLEARANCES ON JOB SITE.

KEYED NOTES

(KEYED NOTES PER PROJECT)

- M27 4" CONCRETE EQUIPMENT PAD BY GC. HC TO COORDINATE SIZE AND LOCATION.
- M28 6" GEOTHERMAL BOREFIELD MANIFOLDS. REFER TO DETAIL 3/M902 FOR ADDITIONAL REQUIREMENTS.
- M29 PROVIDE 72/76 INSULATED PLENUM FOR OUTSIDE AIR INTAKE, 72/76 INSULATED PLENUM FOR RELIEF AIR, AND PROVIDE INSULATED BLANK-OFF PANELS FOR UN-USED PORTIONS OF LOUVER.
- M30 COORDINATE WITH EC TO PROVIDE 120/1 POWER AND DATA CONNECTION TO TEMPERATURE CONTROL PANEL.
- M31 PROVIDE CONDENSATE LOOP SEAL AND ROUTE CONDENSATE TO HUB DRAIN. CONDENSATE PIPE SIZE SHALL NOT BE SMALLER THAN UNIT CONNECTION SIZE. HUB DRAIN BY PC.
- M34 DUCT MOUNTED SMOKE DETECTOR BY EC.
- M38 LINE ALL RETURN AIR DUCTWORK ASSOCIATED WITH AHU-4. DUCT SIZES SHOWN ARE INSIDE DUCT DIMENSIONS.
- M40 PROVIDE PIPE BLOKKER PIPE ATTENUATION FOR PIPE PENETRATION. REFER TO DETAIL 5/M902 FOR ADDITIONAL INFORMATION.

- M41 FIELD COORDINATE GEOTHERMAL FIELD PIPING WITH STORM PIPING. REFER TO CIVIL PLANS FOR ADDITIONAL INFORMATION.
- M43 PROVIDE DUCT BLOKKER DUCT ATTENUATION FOR DUCT PENETRATION. REFER TO DETAIL 5/M902 FOR ADDITIONAL INFORMATION.

WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

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ISSUED FOR:

BID SET 05/16/2024

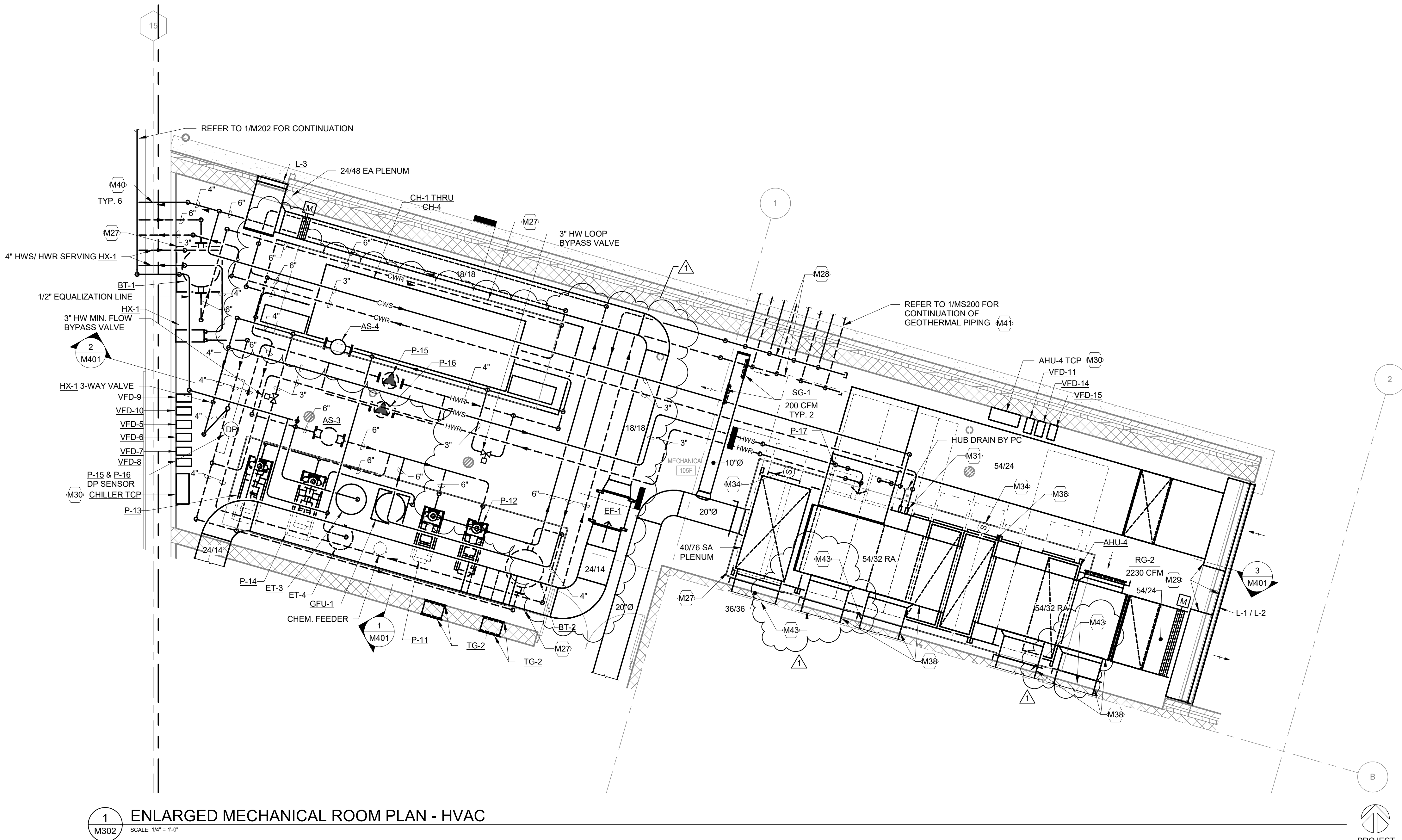
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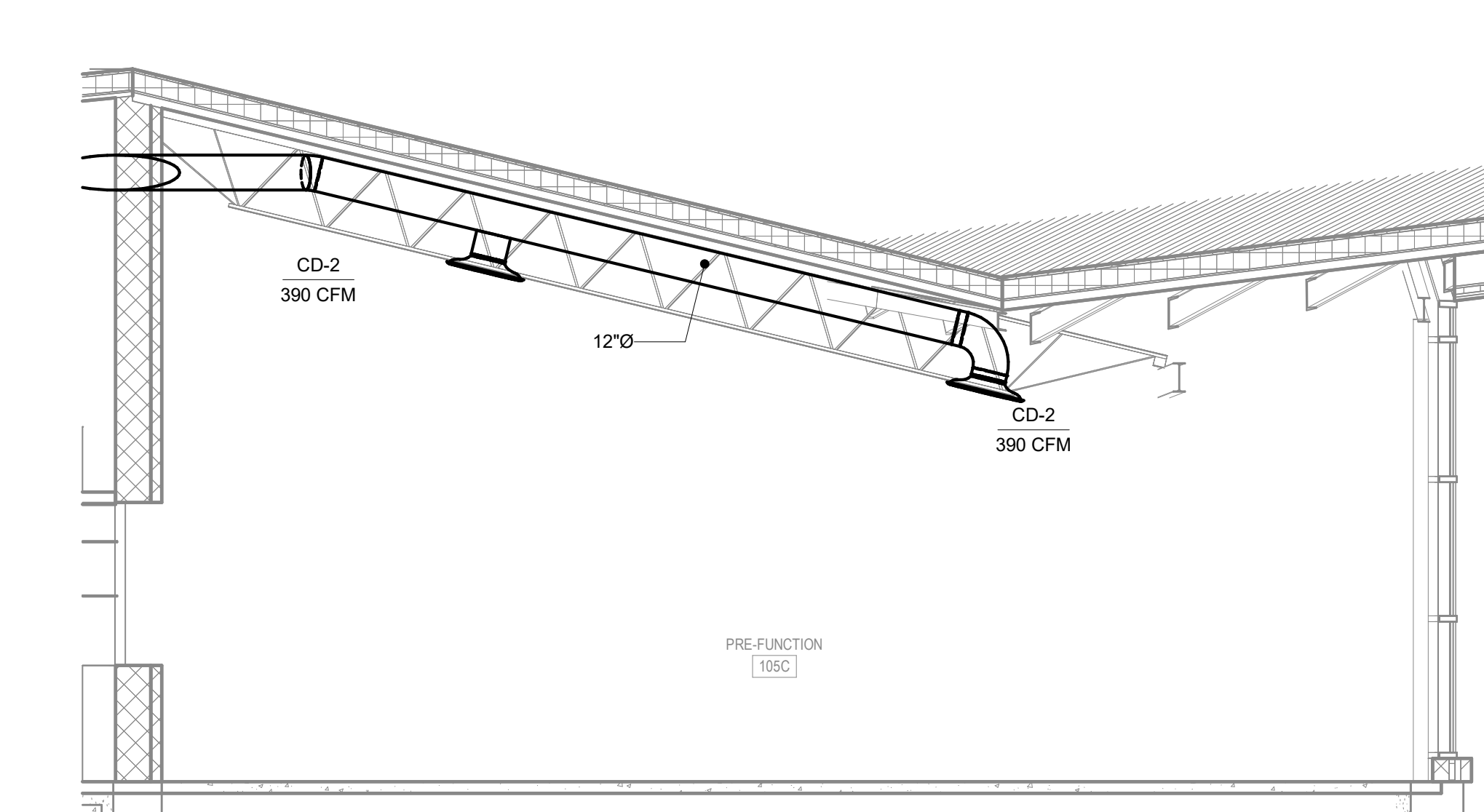
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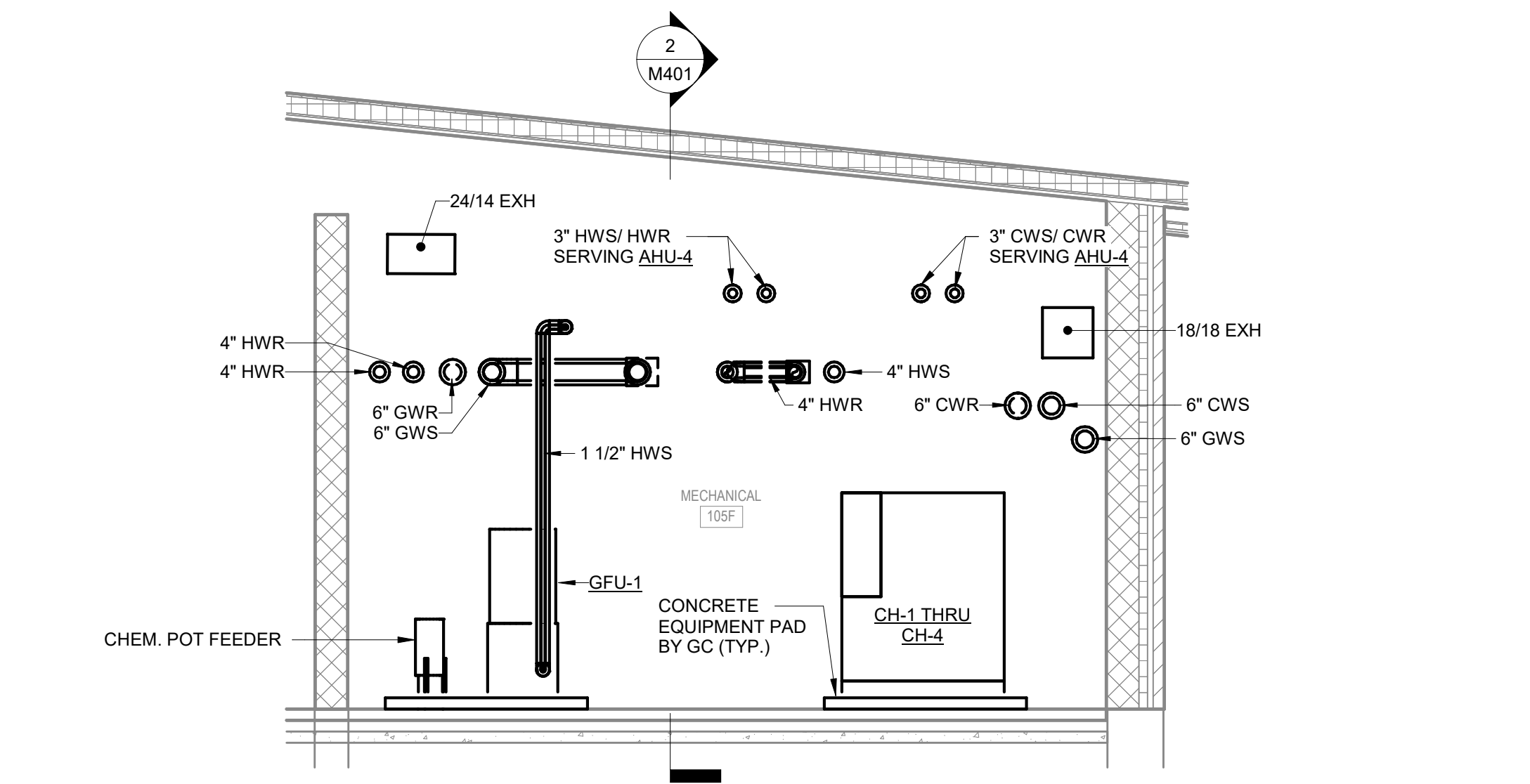
ENLARGED MECHANICAL
ROOM PLAN - HVAC



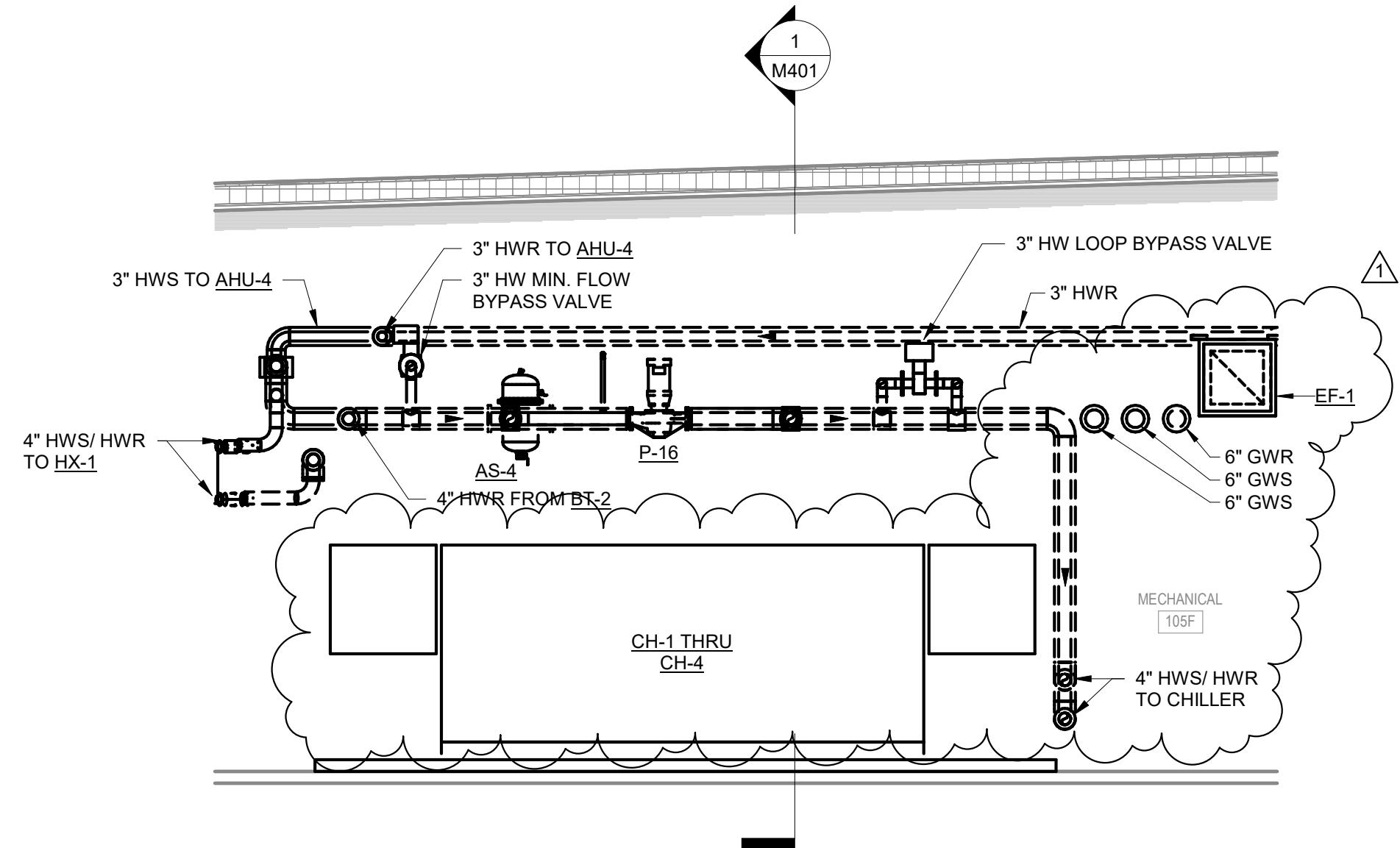
M302



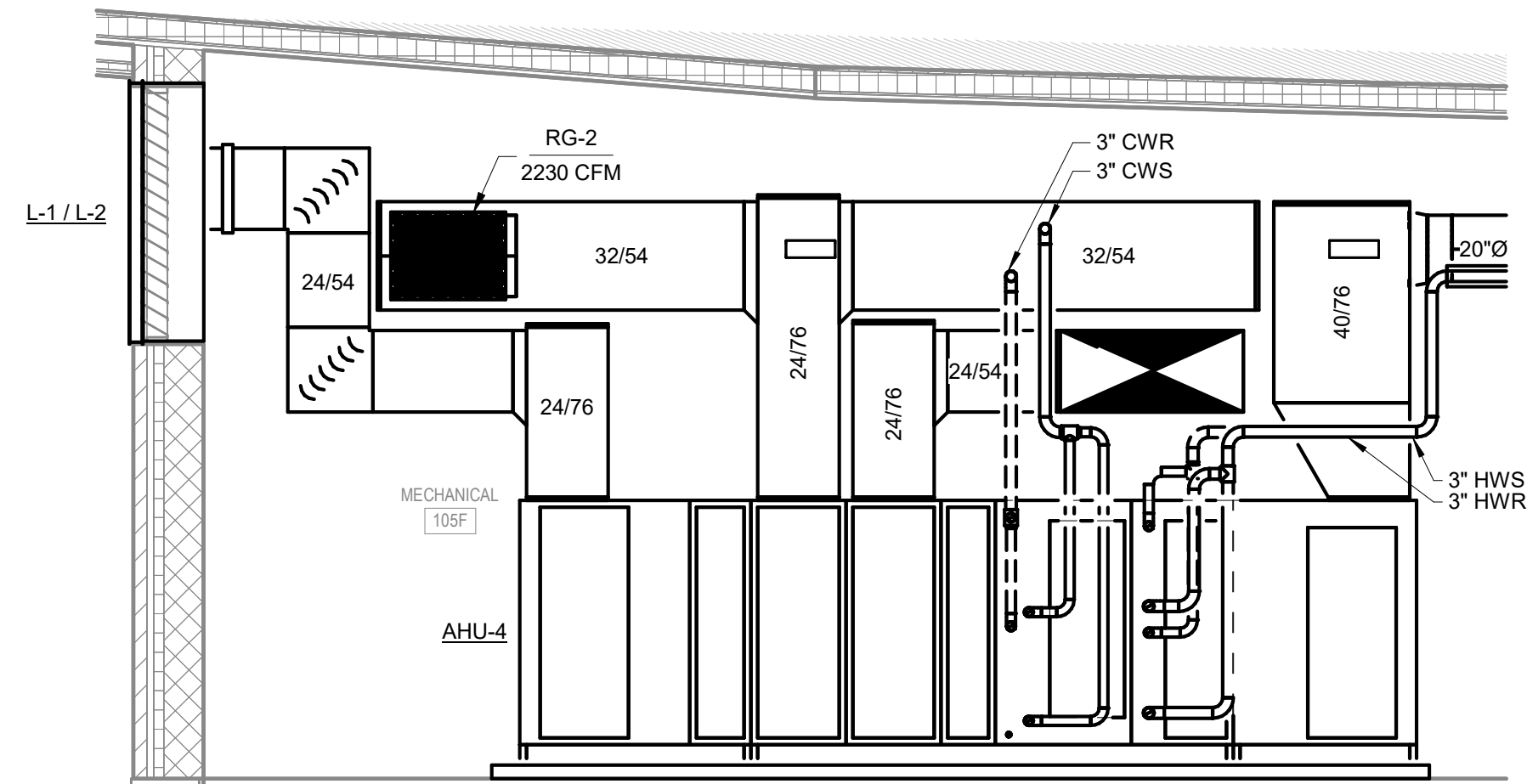
4 105C PRE-FUNCTION SECTION
SCALE: 1/4" = 1'-0"



1 105F MECHANICAL SECTION 1
SCALE: 1/4" = 1'-0"



2 105F MECHANICAL SECTION 2
SCALE: 1/4" = 1'-0"



3 AHU-4 SECTION
SCALE: 1/4" = 1'-0"

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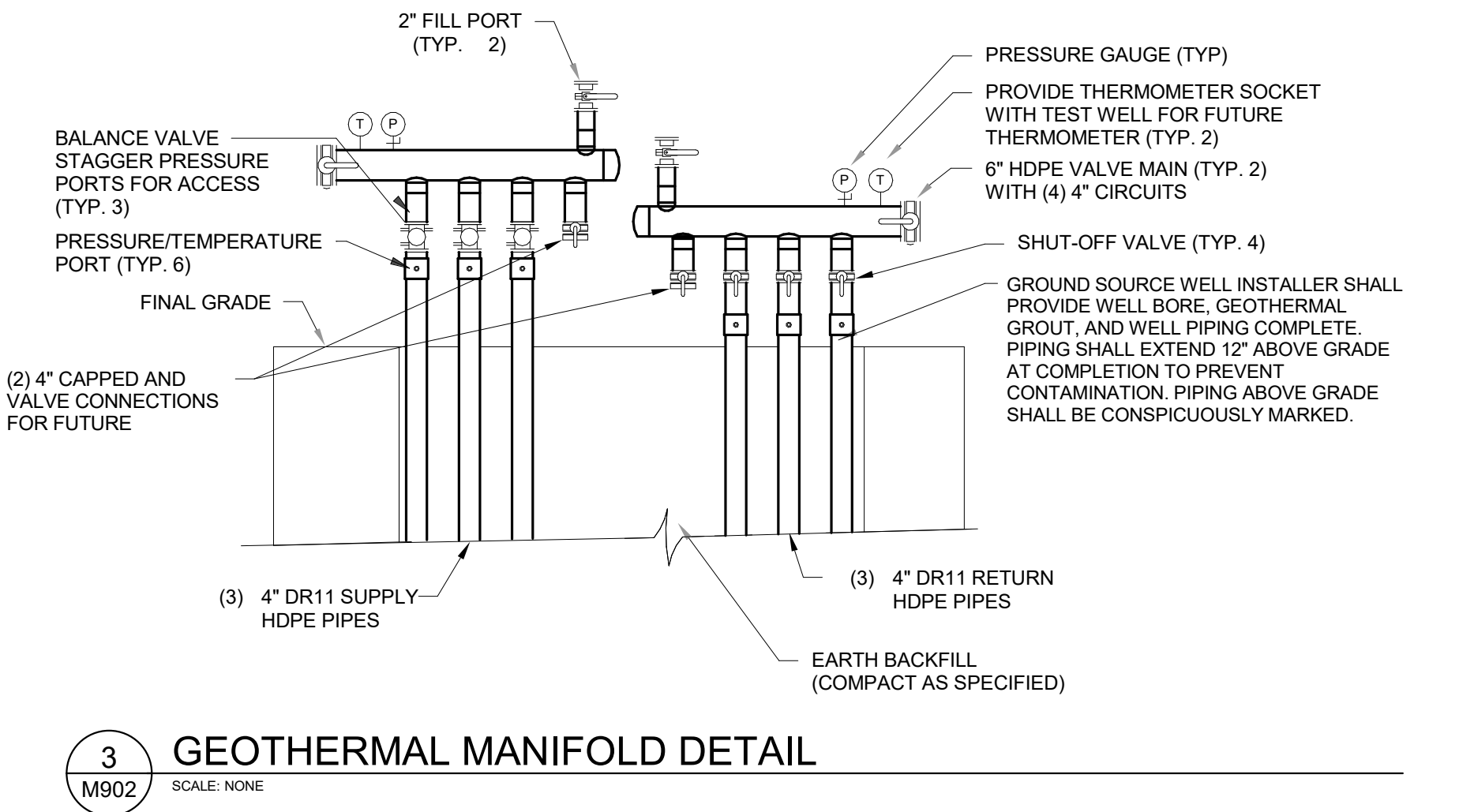
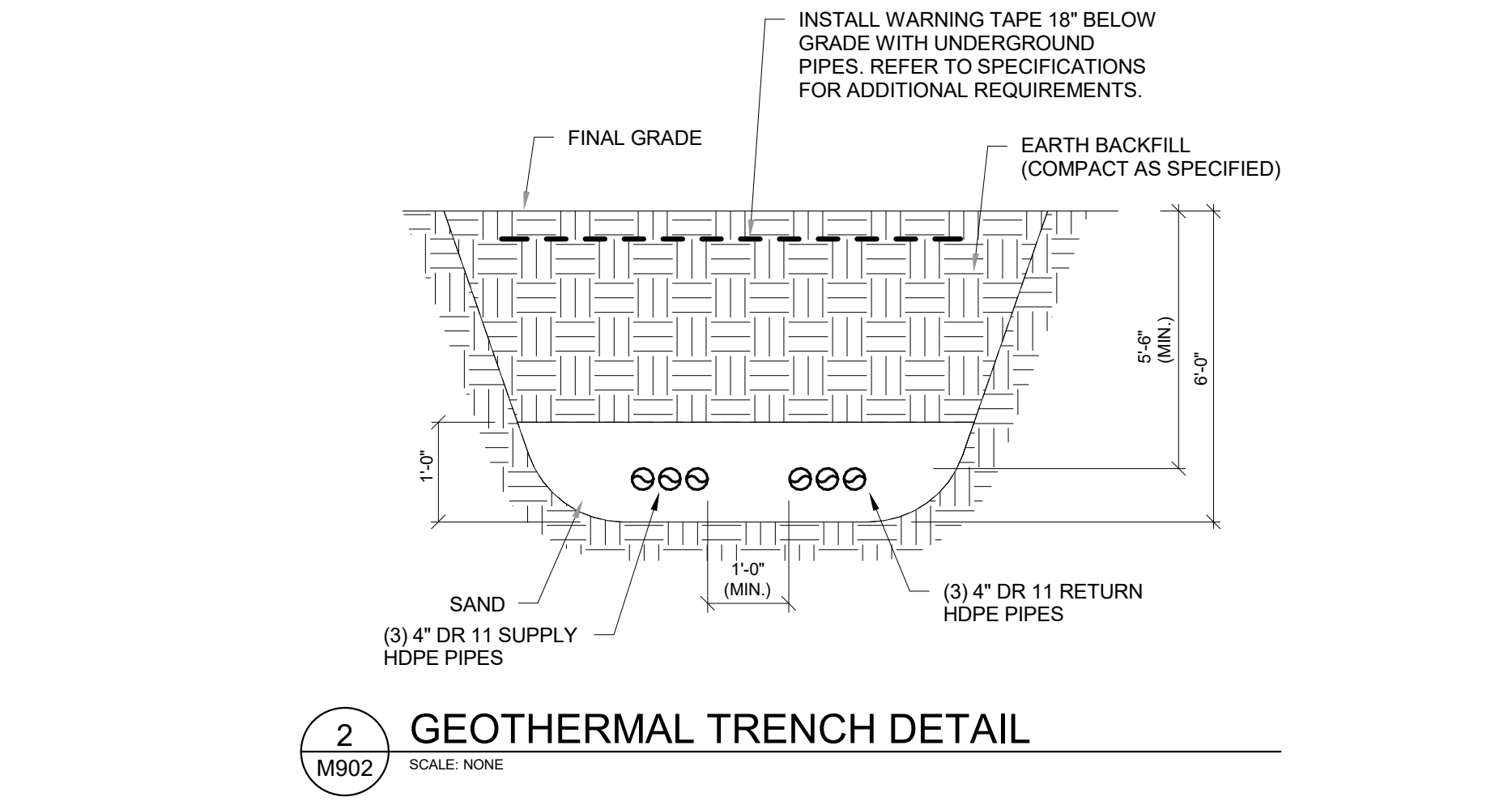
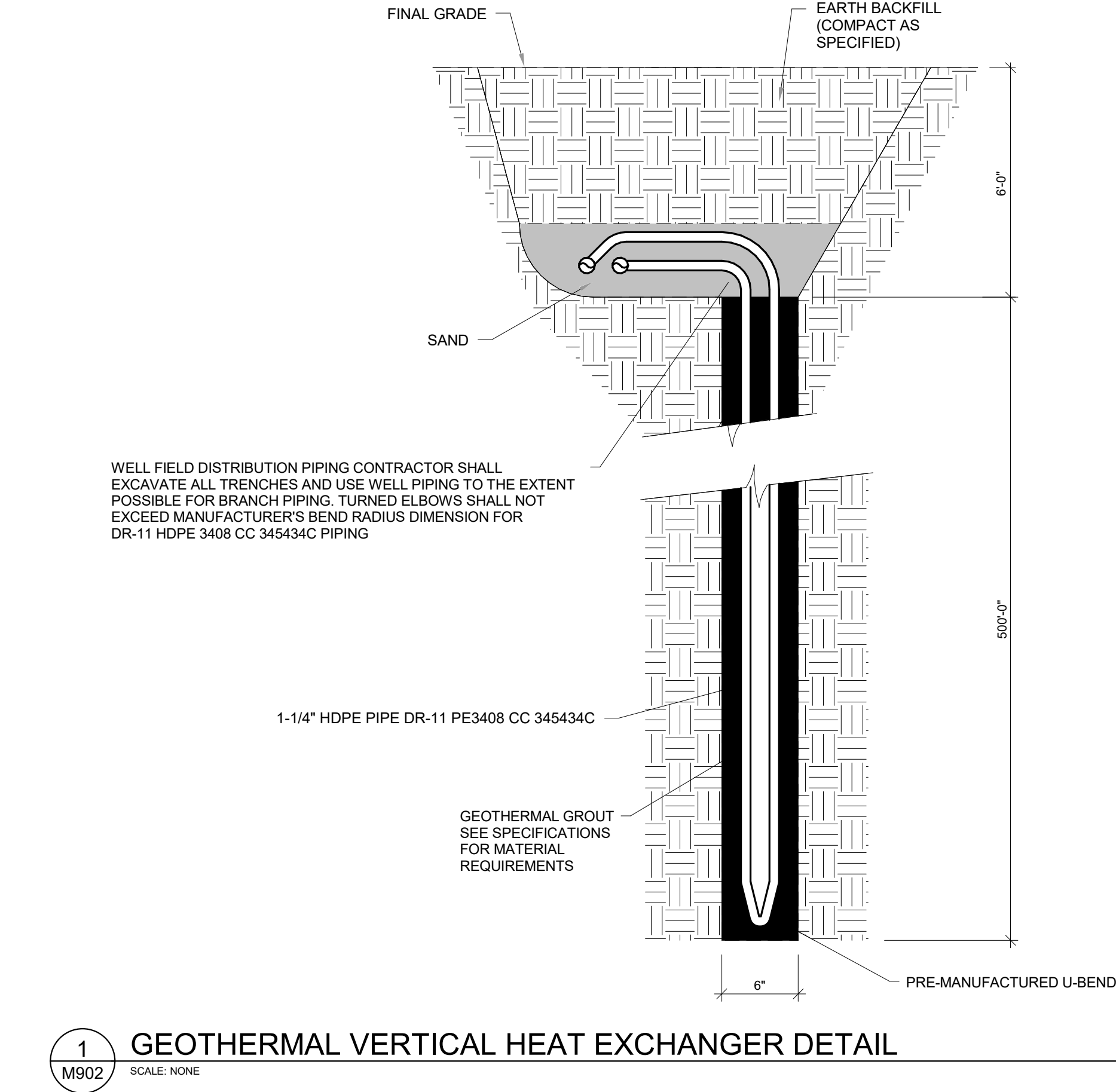
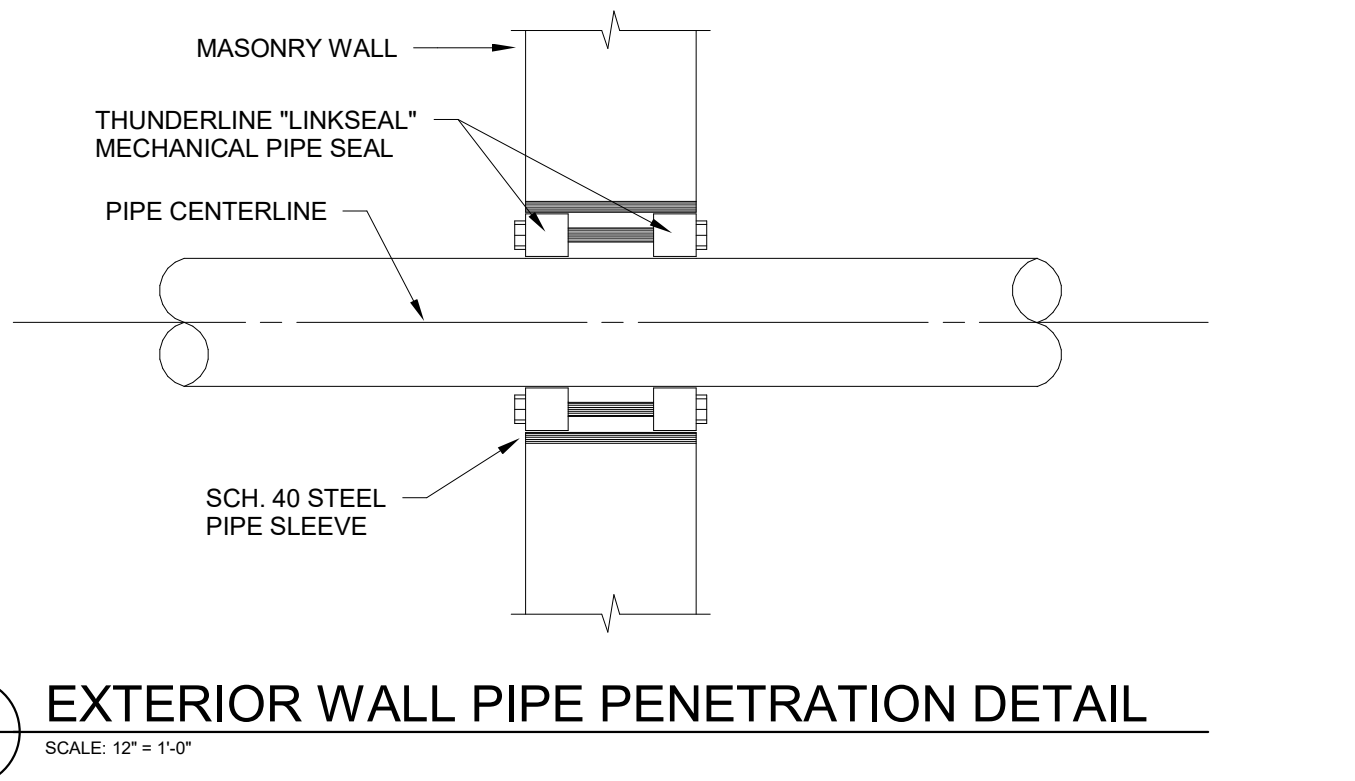
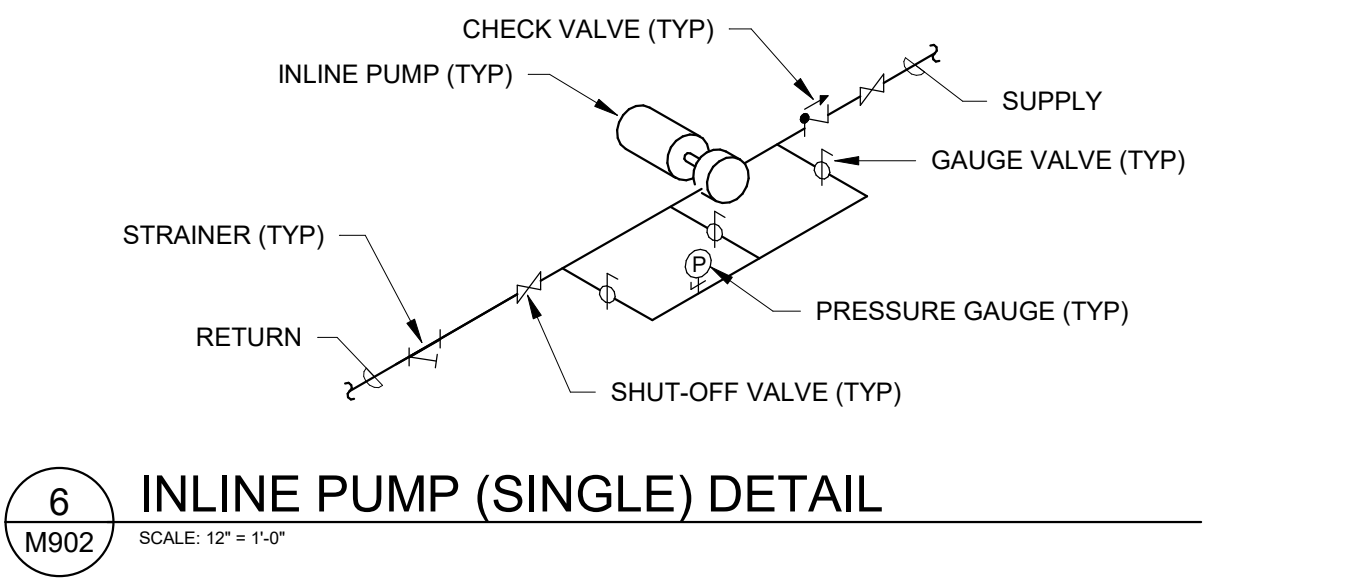
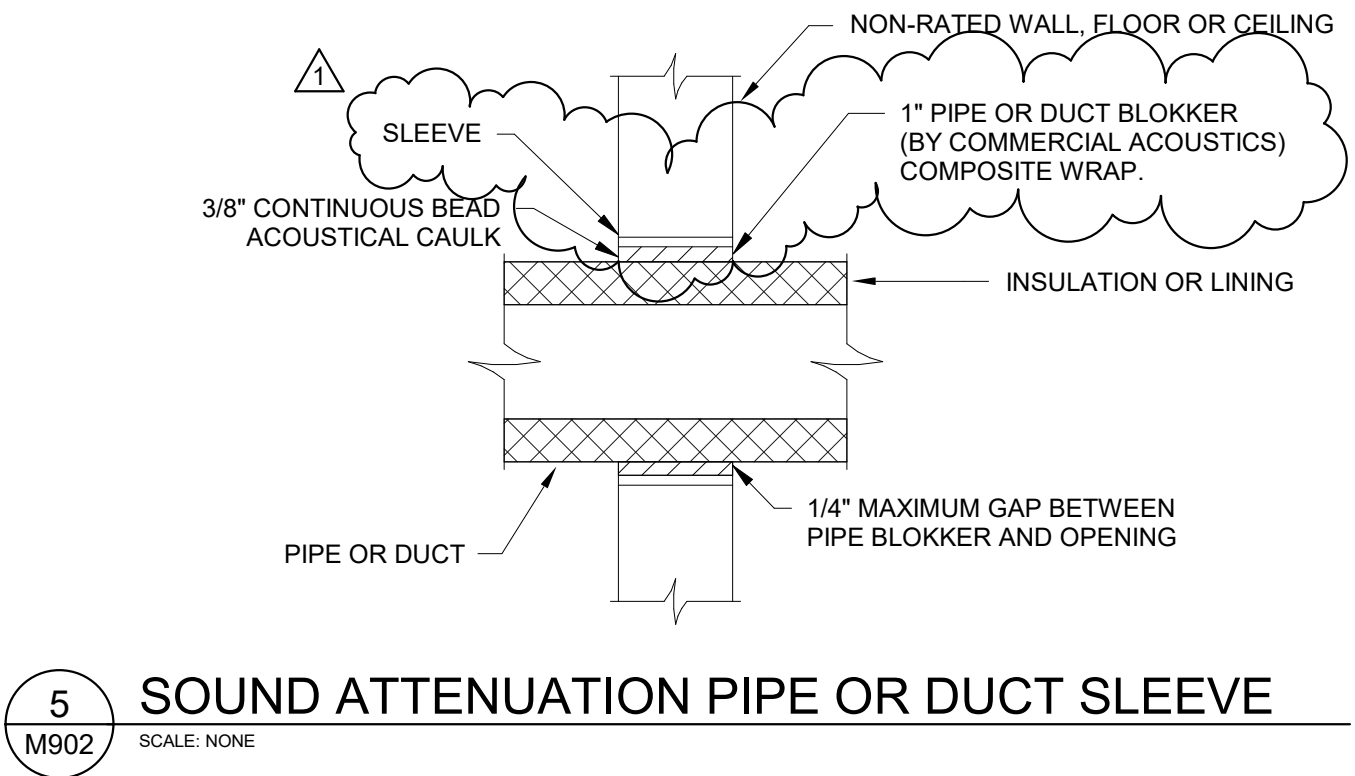
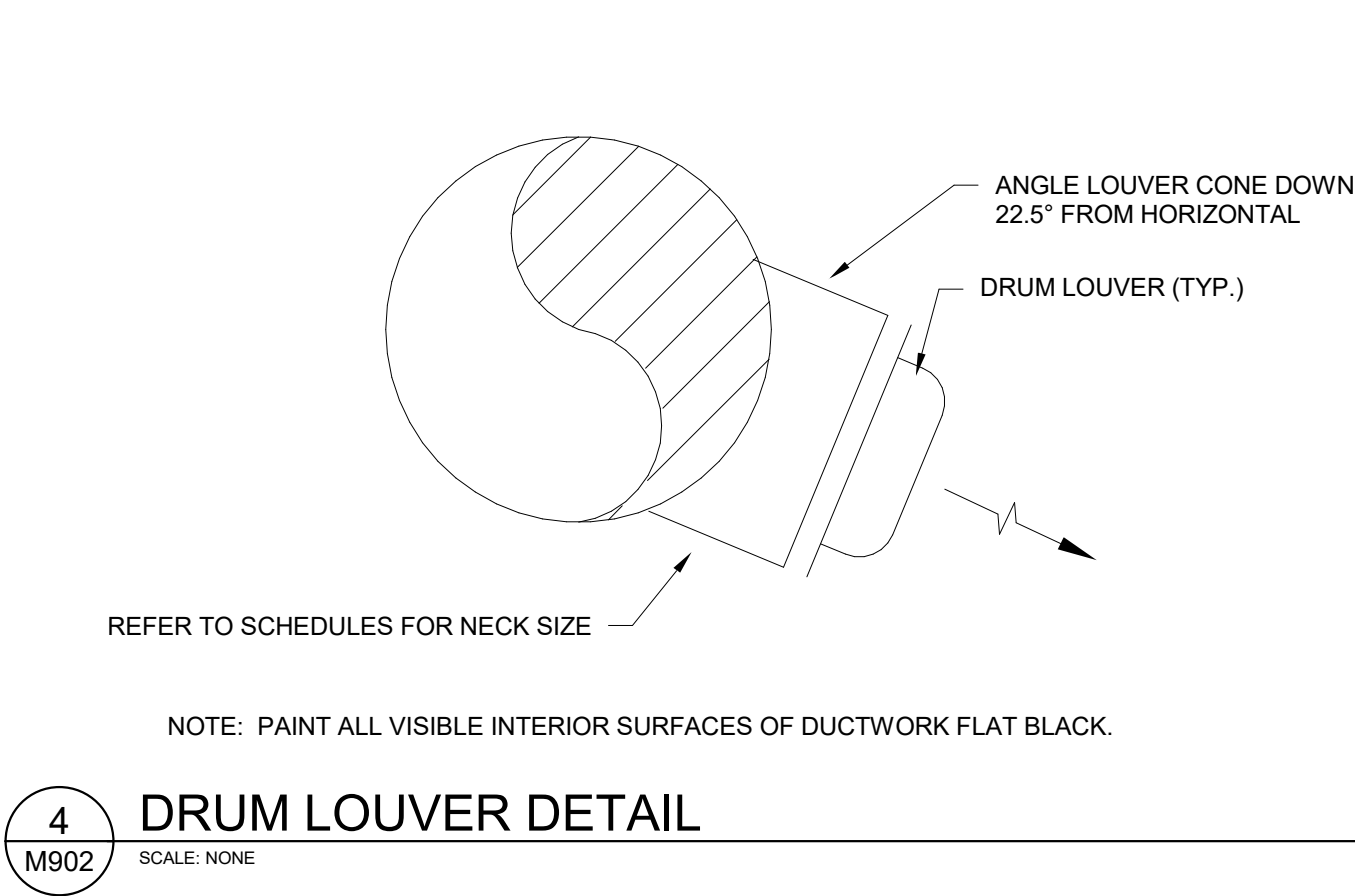
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SECTIONS - HVAC



WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

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DETAILS - HVAC

M902

WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE

MADISON, WI 53704

CITY OF MADISON PARKS DIVISION

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PROJECT
NORTH

DRAWN BY

JDR

CHECKED BY

JDR

OVERALL FIRST FLOOR
PLAN – POWER AND
SYSTEMS

E200

1 OVERALL FIRST FLOOR PLAN – POWER AND SYSTEMS

SCALE: 1/16" = 1'-0"

POWER GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- NOTE THAT THIS PROJECT CONSISTS OF A COMPLETE REPLACEMENT OF THE FIRE ALARM SYSTEM AS SHOWN ON THE PLANS. ANY/ALL EXISTING FIRE ALARM DEVICES: CONTROL PANELS, ANNUNCIATOR PANELS, CABLING, ETC. SHALL BE DISCONNECTED AND REMOVED COMPLETE. REUSE OF EXISTING INFRASTRUCTURE (BOXES AND CONDUITS ONLY) IS ACCEPTABLE WHERE SIZED AND SUPPORTED PROPERLY. THE NEW VOICE FIRE ALARM SYSTEM THROUGHOUT THE BUILDING SHALL BE INSTALLED, PROGRAMMED, TESTED, COMMISSIONED, AND APPROVED BY THE LOCAL AHJ PRIOR TO DECOMMISSIONING AND REMOVING THE EXISTING FIRE ALARM SYSTEM. ANY/ALL NEW FIRE ALARM DEVICES SHALL BE RECESSED IN EXISTING WALLS/CEILINGS UNLESS INDICATED OTHERWISE. ANY AND ALL FIRE ALARM CABLING SHALL BE EMT CONDUIT AT A MINIMUM. NO FREE AIR CABLING IS ALLOWED. ANY/ALL EXISTING BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE REMOVED SHALL HAVE THE EXISTING WALLS/CEILINGS PATCHED AND PAINTED TO OWNER'S SATISFACTION. ANY/ALL NEW BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE SURFACE MOUNTED ON EXISTING WALLS/CEILINGS SHALL BE PAINTED TO OWNER'S SATISFACTION.
- ALL RECEPTACLES WITH PLUG LOAD CONTROL SHALL BE CONTROLLABLE VIA THE LIGHTING CONTROLS SHOWN ON THE LIGHTING PLANS. PROVIDE CONTROL DEVICES, ETC. AS REQUIRED TO ACHIEVE THE CONTROLS SHOWN.

SYSTEMS GENERAL NOTES:

- ALL LOW VOLTAGE CABLES OR CONDUCTORS OPERATING AT LESS THAN 50 VOLTS SHALL BE IN ELECTRICAL METAL TUBING (EMT) WHERE INSTALLED WITHIN WALLS OR INACCESSIBLE SPACES.
- TV OUTLETS, VOLUME CONTROLS, TELEPHONE OUTLETS, AND DATA OUTLETS SHALL CONSIST OF A BACK BOX WITH CONDUIT STUBBED ABOVE THE ACCESSIBLE CEILING. SEE ROUGH-IN DETAIL. VERIFY SIZE OF BACK BOX REQUIRED WITH DEVICE TO BE INSTALLED. LOCATE BACK BOXES 6" FROM ADJACENT POWER RECEPTACLE INTENDED FOR COMPUTER USE.
- ANY/ALL LOW VOLTAGE SYSTEMS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: COMMUNICATIONS, PAGING, CLOCK SYSTEM, CLASS BELLS, ETC., SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. FIELD VERIFY ALL LOW VOLTAGE SYSTEM REQUIREMENTS AND EXTEND/MAINTAIN/REUSE AS REQUIRED. EXTEND ANY/ALL NEW COMMUNICATIONS CABLING TO EXISTING MDF/IDF AS REQUIRED. COORDINATE JACK/CABLING REQUIREMENTS AND COLORS WITH OWNER.
- CAMERA MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND CAMERA MOUNT TYPE PRIOR TO INSTALL.
- ALL WAP LOCATIONS SHOWN ARE APPROXIMATE. CONFIRM ALL EXACT/FINAL WAP LOCATIONS WITH CITY I.T. DEPARTMENT PRIOR TO ROUGH IN. WAP MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND WAP MOUNT TYPE PRIOR TO INSTALL.
- ALL NEW CAT6 CABLING SHALL BE ROUTED TO STORAGE (TR ROOM) #105E.

KEYED NOTES

(KEYED NOTES PER PROJECT)

- FOR CONNECTION OF TELECOM ROOMS, RUN TWELVE STRAND SINGLE MODE FIBER FROM STORAGE (TR ROOM) 123 TO STORAGE (TR ROOM) 105E. TERMINATE WITH LC CONNECTORS ON CABINET MOUNTED PATCH PANEL IN EACH TR. PROVIDE 12 LC TO LC PATCH CABLES.
- PROVIDE AND INSTALL NEW LOCKING IT CABINET EQUAL TO HUBBELL #H504836.
- PROVIDE AND INSTALL (2) 2" CONDUITS ROUTED FROM STORAGE (TR ROOM) 123 TO STORAGE (TR ROOM) 105E. PROVIDE JUNCTION BOXES ABOVE CEILING IN WORK ROOM 115 AND IN GYMNASIUM 105 APPROXIMATELY AS SHOWN. CONDUITS SHALL BE PAINTED TO MATCH EXISTING CEILING/UTILITIES COLOR WHEN ROUTED THROUGH SPACE(S) WITH NO CEILINGS.
- EXISTING KITCHEN HOOD MONITOR MODULE TO BE DISCONNECTED, REMOVED, AND REPLACED. CONNECT TO NEW FIRE ALARM CONTROL PANEL IN SAME LOCATION. FIELD VERIFY ALL REQUIREMENTS WITH EXISTING HOOD/EQUIPMENT AND CONNECT TO NEW FIRE ALARM SYSTEM AS REQUIRED.
- FIRE ALARM DEVICE TO BE SURFACE MOUNTED AT APPROXIMATE LOCATION SHOWN.
- PROVIDE A PAGING SPEAKER CABLING TERMINATION POINT (J-BOX AS REQUIRED) ABOVE THE CEILING IN THIS ROOM. ALL NEW PAGING SPEAKER CABLING FROM PRE-FUNCTION #105C AND GYMNASIUM #105D SHALL BE ROUTED TO THIS POINT. ALL NEW PAGING SPEAKER CABLING FROM OFFICE #103 (CURRENTLY DAMAGED) SHALL BE ROUTED OVERHEAD TO THIS POINT. EXTEND NEW CABLES TO EXISTING AMP FROM THIS LOCATION.

KEYED NOTES

(KEYED NOTES PER PROJECT)

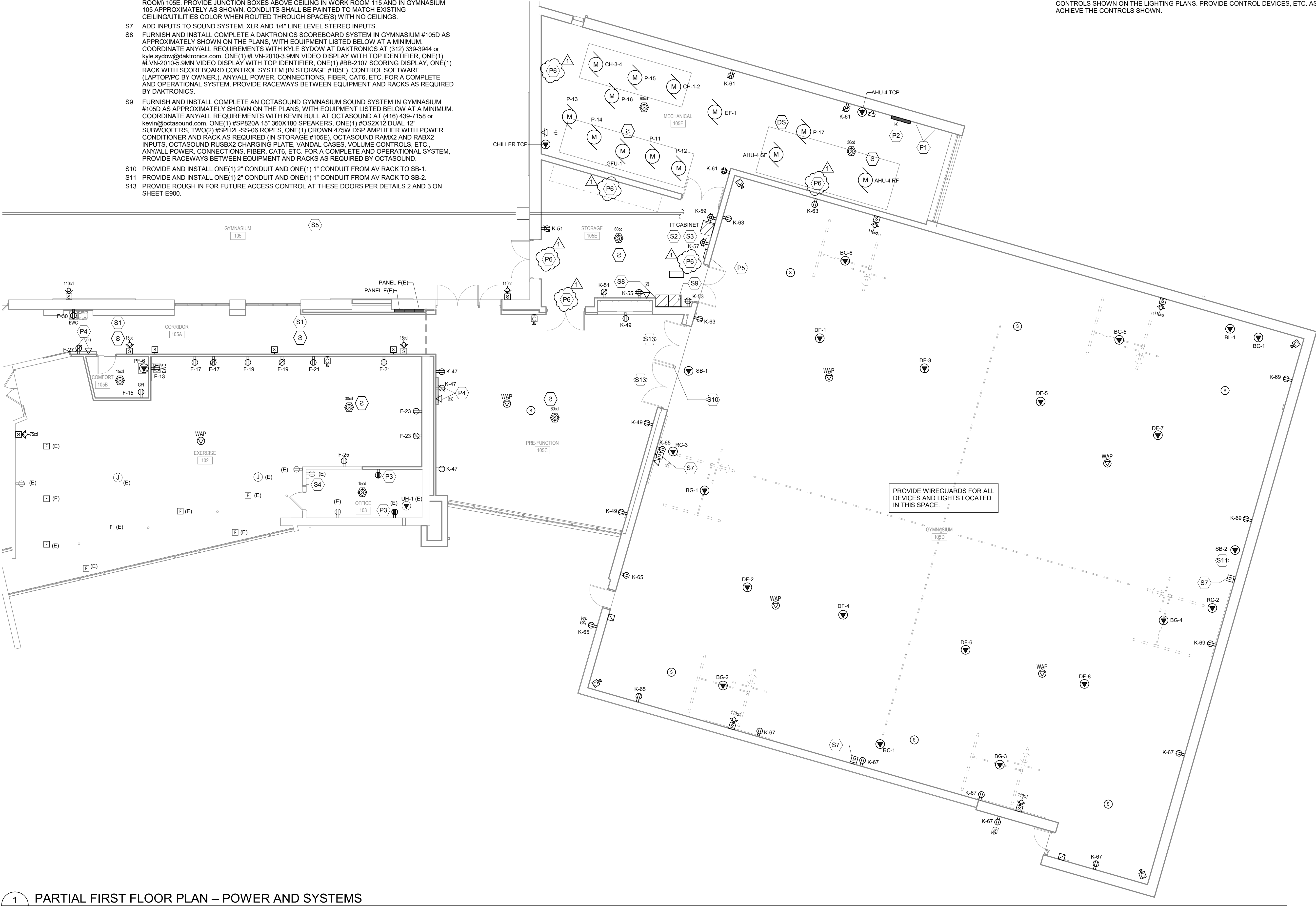
- P1 LOCATE INVERTERS FOR ROOF MOUNTED PV ARRAY AT THIS LOCATION.
- P2 PROVIDE AND INSTALL NEW 208Y/120V, 600A PANEL 'K'.
- P3 PROVIDE AND INSTALL DUAL CONTROLLED RECEPTACLE EQUAL TO LEGRAND #WRC-20-2. PROVIDE CEILING MOUNTED RF TRANSMITTER EQUAL TO LEGRAND #WRC-TX-LM. PROVIDE ROOM CONTROLLERS AS REQUIRED.
- P4 COORDINATE HEIGHT OF POWER AND DATA FOR SCREEN WITH ARCHITECT.
- P5 LOCATION OF DESTRATIFICATION FAN SPEED CONTROLLER AND REVERSING SWITCH. HC SHALL FURNISH CONTROLLER AND SWITCH TO EC TO INSTALL. REFER TO MOUNT OR MORE DETAILS.
- P6 PROVIDE SOUND ATTENUATION AS REQUIRED AT ANY/ALL WALL PENETRATIONS. REFER TO 10/E900 FOR MORE DETAIL.
- S1 MOUNT SMOKE DETECTOR ABOVE PERFORATED CEILING.
- S2 FOR CONNECTION OF TELECOM ROOMS, RUN TWELVE STRAND SINGLE MODE FIBER FROM STORAGE (TR ROOM) 123 TO STORAGE (TR ROOM) 105E. TERMINATE WITH LC CONNECTORS ON CABINET MOUNTED PATCH PANEL IN EACH TR. PROVIDE 12 LC TO LC PATCH CABLES.
- S3 PROVIDE AND INSTALL NEW LOCKING IT CABINET EQUAL TO HUBBELL #HSQ4836.
- S4 EXTEND EXISTING PAGING FEEDS THROUGH OVERHEAD CONDUIT SYSTEM TO THIS LOCATION. CONTRACTOR SHALL CUT EXISTING UNDERGROUND FEED AND SPLICE TO NEW OVERHEAD CONDUIT SYSTEM.
- S5 PROVIDE AND INSTALL (2) 2" CONDUITS ROUTED FROM STORAGE (TR ROOM) 123 TO STORAGE (TR ROOM) 105E. PROVIDE JUNCTION BOXES ABOVE CEILING IN WORK ROOM 115 AND IN GYMNASIUM 105 APPROXIMATELY AS SHOWN. CONDUITS SHALL BE PAINTED TO MATCH EXISTING CEILING/UTILITIES COLOR WHEN ROUTED THROUGH SPACE(S) WITH NO CEILINGS.
- S7 ADD INPUTS TO SOUND SYSTEM. XLR AND 1/4" LINE LEVEL STEREO INPUTS.
- S8 FURNISH AND INSTALL COMPLETE A DAKTRONICS SCOREBOARD SYSTEM IN GYMNASIUM #105D AS APPROXIMATELY SHOWN ON THE PLANS, WITH EQUIPMENT LISTED BELOW AT A MINIMUM. COORDINATE ANY/ALL REQUIREMENTS WITH KYLE SYDOW AT DAKTRONICS AT (312) 339-3944 or kyle.sydown@daktronics.com. ONE(1) #LVN-2010-3.9MN VIDEO DISPLAY WITH TOP IDENTIFIER, ONE(1) #LVN-2010-5.9MN VIDEO DISPLAY WITH TOP IDENTIFIER, ONE(1) #BB-2107 SCORING DISPLAY, ONE(1) RACK WITH SCOREBOARD CONTROL SYSTEM (IN STORAGE #105E), CONTROL SOFTWARE (LAPTOP/PC BY OWNER.), ANY/ALL POWER, CONNECTIONS, FIBER, CAT6, ETC. FOR A COMPLETE AND OPERATIONAL SYSTEM, PROVIDE RACEWAYS BETWEEN EQUIPMENT AND RACKS AS REQUIRED BY DAKTRONICS.
- S9 FURNISH AND INSTALL COMPLETE AN OCTASOUND GYMNASIUM SOUND SYSTEM IN GYMNASIUM #105D AS APPROXIMATELY SHOWN ON THE PLANS, WITH EQUIPMENT LISTED BELOW AT A MINIMUM. COORDINATE ANY/ALL REQUIREMENTS WITH KEVIN BULL AT OCTASOUND AT (416) 439-7158 or kevin@octasound.com. ONE(1) #SP820A 15" 350X180 SPEAKERS, ONE(1) #OS2X12 DUAL 12" SUBWOOFERS, TWO(2) #SPH12L SS-06 ROPS, ONE(1) CROWN 475W/ DSP AMPLIFIER WITH POWER CONDITIONER AND RACK AS REQUIRED (IN STORAGE #105E), OCTASOUND RAMX2 AND RABX2 INPUTS, OCTASOUND RUSBX2 CHARGING PLATE, VANDAL CASES, VOLUME CONTROLS, ETC., ANY/ALL POWER, CONNECTIONS, FIBER, CAT6, ETC. FOR A COMPLETE AND OPERATIONAL SYSTEM, PROVIDE RACEWAYS BETWEEN EQUIPMENT AND RACKS AS REQUIRED BY OCTASOUND.
- S10 PROVIDE AND INSTALL ONE(1) 2" CONDUIT AND ONE(1) 1" CONDUIT FROM AV RACK TO SB-1.
- S11 PROVIDE AND INSTALL ONE(1) 2" CONDUIT AND ONE(1) 1" CONDUIT FROM AV RACK TO SB-2.
- S13 PROVIDE ROUGH IN FOR FUTURE ACCESS CONTROL AT THESE DOORS PER DETAILS 2 AND 3 ON SHEET E900.

SYSTEMS GENERAL NOTES:

1. ALL LOW VOLTAGE CABLES OR CONDUCTORS OPERATING AT LESS THAN 50 VOLTS SHALL BE IN ELECTRICAL METAL TUBING (EMT) WHERE INSTALLED WITHIN WALLS OR INACCESSIBLE SPACES.
2. TV OUTLETS, VOLUME CONTROLS, TELEPHONE OUTLETS, AND DATA OUTLETS SHALL CONSIST OF A BACK BOX WITH CONDUIT STUBBED ABOVE THE ACCESSIBLE CEILING. SEE ROUGH-IN DETAIL. VERIFY SIZE OF BACK BOX REQUIRED WITH DEVICE TO BE INSTALLED. LOCATE BACK BOXES 6" FROM ADJACENT POWER RECEPTACLE INTENDED FOR COMPUTER USE.
3. ANY/ALL LOW VOLTAGE SYSTEMS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: COMMUNICATIONS, PAGING, CLOCK SYSTEM, CLASS BELLS, ETC., SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. FIELD VERIFY ALL LOW VOLTAGE SYSTEM REQUIREMENTS AND EXTEND/MAINTAIN/REUSE AS REQUIRED. EXTEND ANY/ALL NEW COMMUNICATIONS CABLING TO EXISTING MDF/IDF AS REQUIRED. COORDINATE JACK/CABLING REQUIREMENTS AND COLORS WITH OWNER.
4. CAMERA MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND CAMERA MOUNT TYPE PRIOR TO INSTALL.
5. ALL WAP LOCATIONS SHOWN ARE APPROXIMATE. CONFIRM ALL EXACT/FINAL WAP LOCATIONS WITH CITY I.T. DEPARTMENT PRIOR TO ROUGH IN. WAP MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND WAP MOUNT TYPE PRIOR TO INSTALL.
6. ALL NEW CAT6 CABLING SHALL BE ROUTED TO STORAGE (TR ROOM) #105E.

POWER GENERAL NOTES:

1. REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
2. THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
3. VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
4. NOTE THAT THIS PROJECT CONSISTS OF A COMPLETE REPLACEMENT OF THE FIRE ALARM SYSTEM AS SHOWN ON THE PLANS. ANY/ALL EXISTING FIRE ALARM DEVICES, CONTROL PANELS, ANNUNCIATOR PANELS, CABLING, ETC. SHALL BE DISCONNECTED AND REMOVED COMPLETE. REUSE OF EXISTING INFRASTRUCTURE (BOXES AND CONDUITS ONLY) IS ACCEPTABLE WHERE SIZED AND SUPPORTED PROPERLY. THE NEW VOICE FIRE ALARM SYSTEM THROUGHOUT THE BUILDING SHALL BE INSTALLED, PROGRAMMED, TESTED, COMMISSIONED, AND APPROVED BY THE LOCAL AHJ PRIOR TO DECOMMISSIONING AND REMOVING THE EXISTING FIRE ALARM SYSTEM. ANY/ALL NEW FIRE ALARM DEVICES SHALL BE RECESSED IN EXISTING WALLS/CEILINGS UNLESS INDICATED OTHERWISE. ANY AND ALL FIRE ALARM CABLING SHALL BE EMT CONDUIT AT A MINIMUM. NO FREE AIR CABLING IS ALLOWED. ANY/ALL EXISTING BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE REMOVED SHALL HAVE THE EXISTING WALLS/CEILINGS PATCHED AND PAINTED TO OWNER'S SATISFACTION. ANY/ALL NEW BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE SURFACE MOUNTED ON EXISTING WALLS/CEILINGS SHALL BE PAINTED TO OWNER'S SATISFACTION.
5. ALL RECEPTACLES WITH PLUG/LOAD CONTROL SHALL BE CONTROLLABLE VIA THE LIGHTING CONTROLS SHOWN ON THE LIGHTING PLANS. PROVIDE CONTROL DEVICES, ETC. AS REQUIRED TO ACHIEVE THE CONTROLS SHOWN.





LIGHTING GENERAL NOTES:

1. REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
2. REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE AND CONTROLLER INSTALLATIONS.
3. VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
4. WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
5. POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
6. EXIT SIGNAGE IS INDICATED ON THE PLANS BASED ON ANTICIPATED EGRESS PATHS THROUGHOUT THE BUILDING. ELECTRICAL CONTRACTOR SHALL CONFIRM ALL EGRESS PATHS WITH ARCHITECT/OWNER/GENERAL CONTRACTOR DURING CONSTRUCTION AND SHALL ADD/MODIFY EXIT SIGNAGE AS REQUIRED TO COMPLY WITH PATHWAYS.
7. ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
8. LIGHT FIXTURES AND OTHER APPARATUS SUPPORTED BY THE ACOUSTICAL CEILING GRID MUST MEET THE REQUIREMENTS OF NEC SECTION 410.16, MEANS OF SUPPORT.

KEYED NOTES

(KEYED NOTES PER PROJECT)

- L2 EXISTING LIGHTING FIXTURE RELOCATED TO THIS LOCATION. CONNECT TO NEARBY LIGHTING CONTROLS AND CIRCUIT.
- L3 MOUNT LIGHTING FIXTURE TO BOTTOM OF STRUCTURAL TRUSS.
- L6 ELECTRICAL CONTRACTOR TO PROVIDE INLINE LIGHTING IN PERFORATED ARCHITECTURAL CEILING PANELS. COORDINATE FINAL LAYOUT OF INLINE LIGHTS WITH ARCHITECT.
- P2 PROVIDE AND INSTALL NEW 208Y/120V, 600A PANEL 'K'.

**WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION**

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

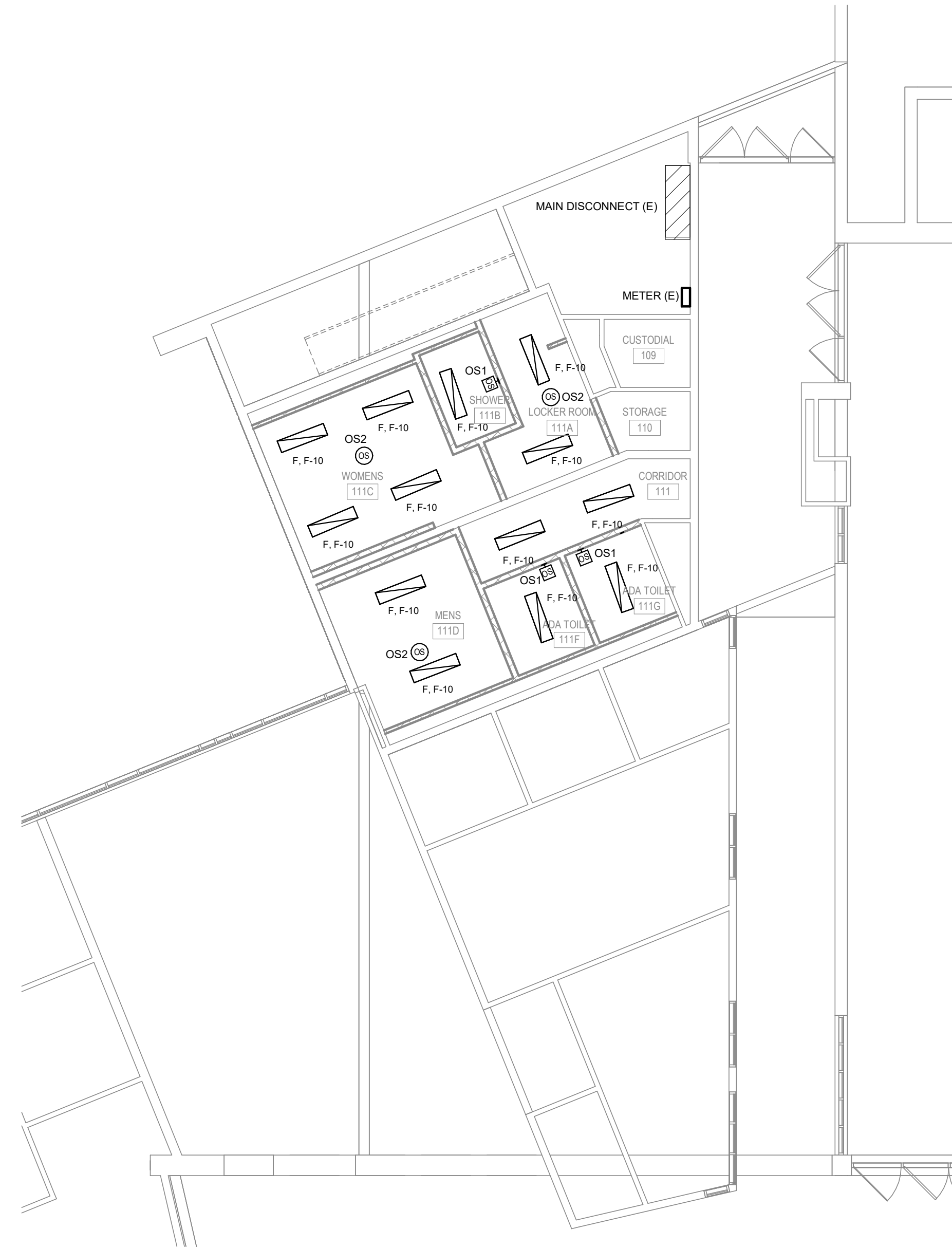
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1	Addendum #2	6/13/2024

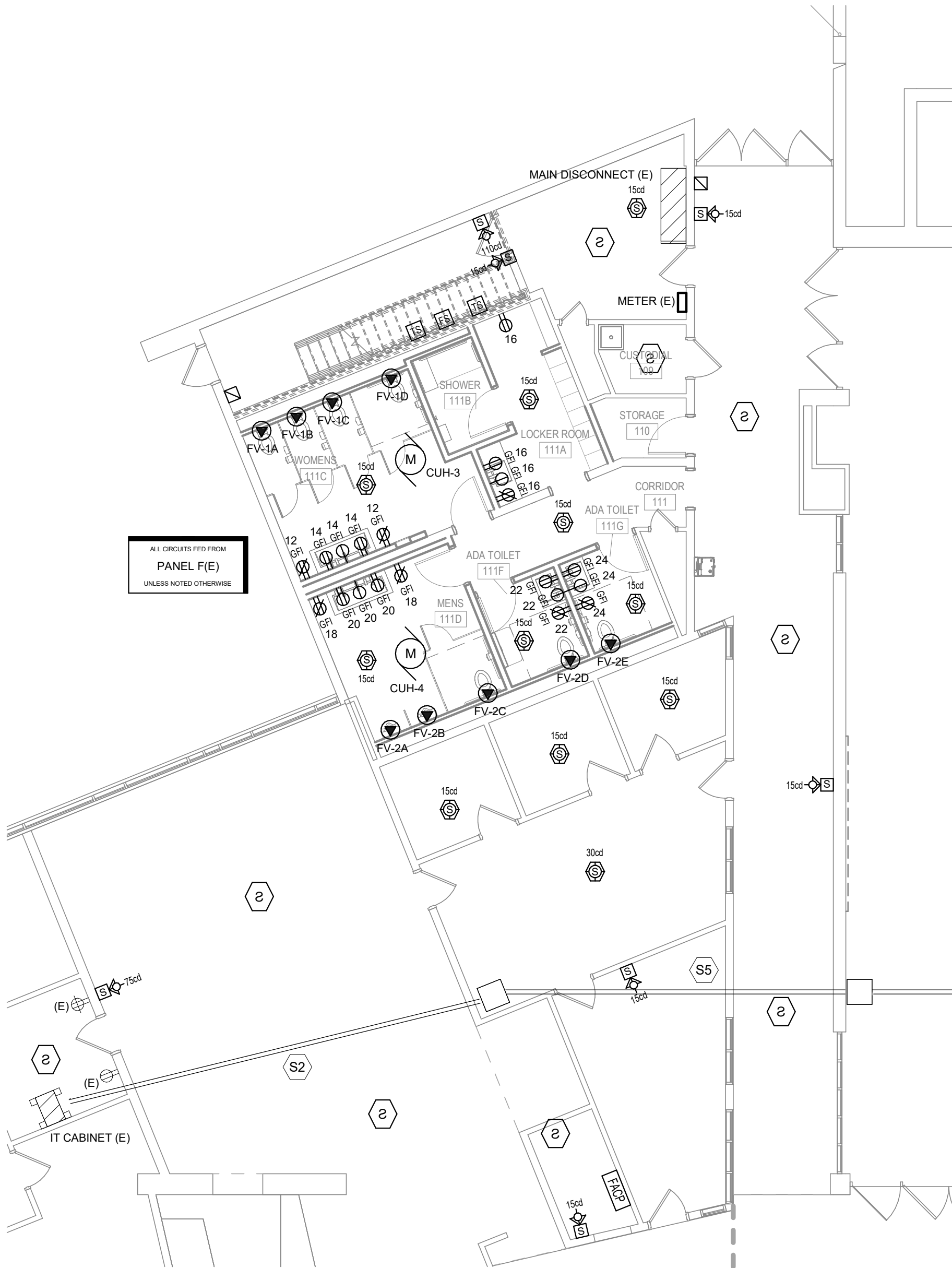
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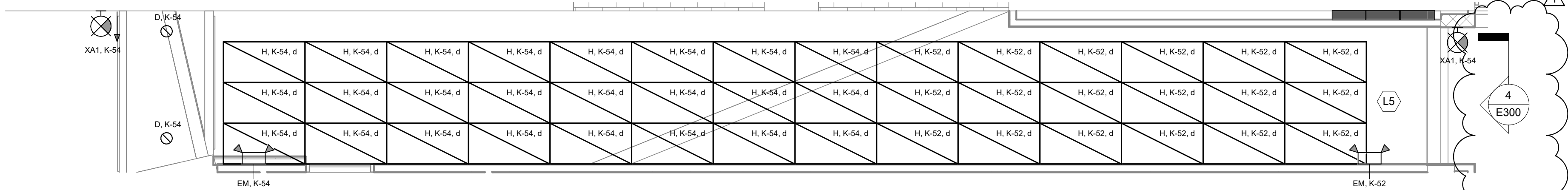
**PARTIAL FIRST FLOOR
PLAN – LIGHTING**



2 FIRST FLOOR PLAN – LIGHTING
SCALE: 1/8" = 1'-0"



1 FIRST FLOOR PLAN – POWER AND SYSTEMS
SCALE: 1/8" = 1'-0"



3 CORRIDOR 105A - LIGHTING
SCALE: 1/4" = 1'-0"

LIGHTING CONTROLS GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
- OCCUPANCY SENSOR LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. ACTUAL LOCATION TO BE DETERMINED IN FIELD PER MANUFACTURER'S RECOMMENDATIONS AND LAYOUT. PROVIDE A MINIMUM 4'-0" OF FLEX CONDUIT/WIRING SO THAT THE SENSOR CAN BE FIELD ADJUSTED FOR PROPER COVERAGE DURING FINAL COMMISSIONING. THE TRAINED FACTORY PERSONNEL SHALL PERFORM THE FINAL COMMISSIONING.

POWER GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILL WORK WITH ARCHITECTURAL PLANS.
- NOTE THAT THIS PROJECT CONSISTS OF A COMPLETE REPLACEMENT OF THE FIRE ALARM SYSTEM AS SHOWN ON THE PLANS. ANY/ALL EXISTING FIRE ALARM DEVICES, CONTROL PANELS, ANNUNCIATOR PANELS, CABLING, ETC. SHALL BE DISCONNECTED AND REMOVED COMPLETE. REUSE OF EXISTING INFRASTRUCTURE (BOXES AND CONDUITS ONLY) IS ACCEPTABLE WHERE SIZED AND SUPPORTED PROPERLY. THE NEW VOICE FIRE ALARM SYSTEM THROUGHOUT THE BUILDING SHALL BE INSTALLED, PROGRAMMED, TESTED, COMMISSIONED, AND APPROVED BY THE LOCAL AHJ PRIOR TO DECOMMISSIONING AND REMOVING THE EXISTING FIRE ALARM SYSTEM. ANY/ALL NEW FIRE ALARM DEVICES SHALL BE RECESSED IN EXISTING WALLS/CEILINGS UNLESS INDICATED OTHERWISE. ANY AND ALL FIRE ALARM CABLING SHALL BE EMT CONDUIT AT A MINIMUM. NO FREE AIR CABLING IS ALLOWED. ANY/ALL EXISTING BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE REMOVED SHALL HAVE THE EXISTING WALLS/CEILINGS PATCHED AND PAINTED TO OWNER'S SATISFACTION. ANY/ALL NEW BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE SURFACE MOUNTED ON EXISTING WALLS/CEILINGS SHALL BE PAINTED TO OWNER'S SATISFACTION.
- ALL RECEPTACLES WITH PLUG LOAD CONTROL SHALL BE CONTROLLABLE VIA THE LIGHTING CONTROLS SHOWN ON THE LIGHTING PLANS. PROVIDE CONTROL DEVICES, ETC. AS REQUIRED TO ACHIEVE THE CONTROLS SHOWN.

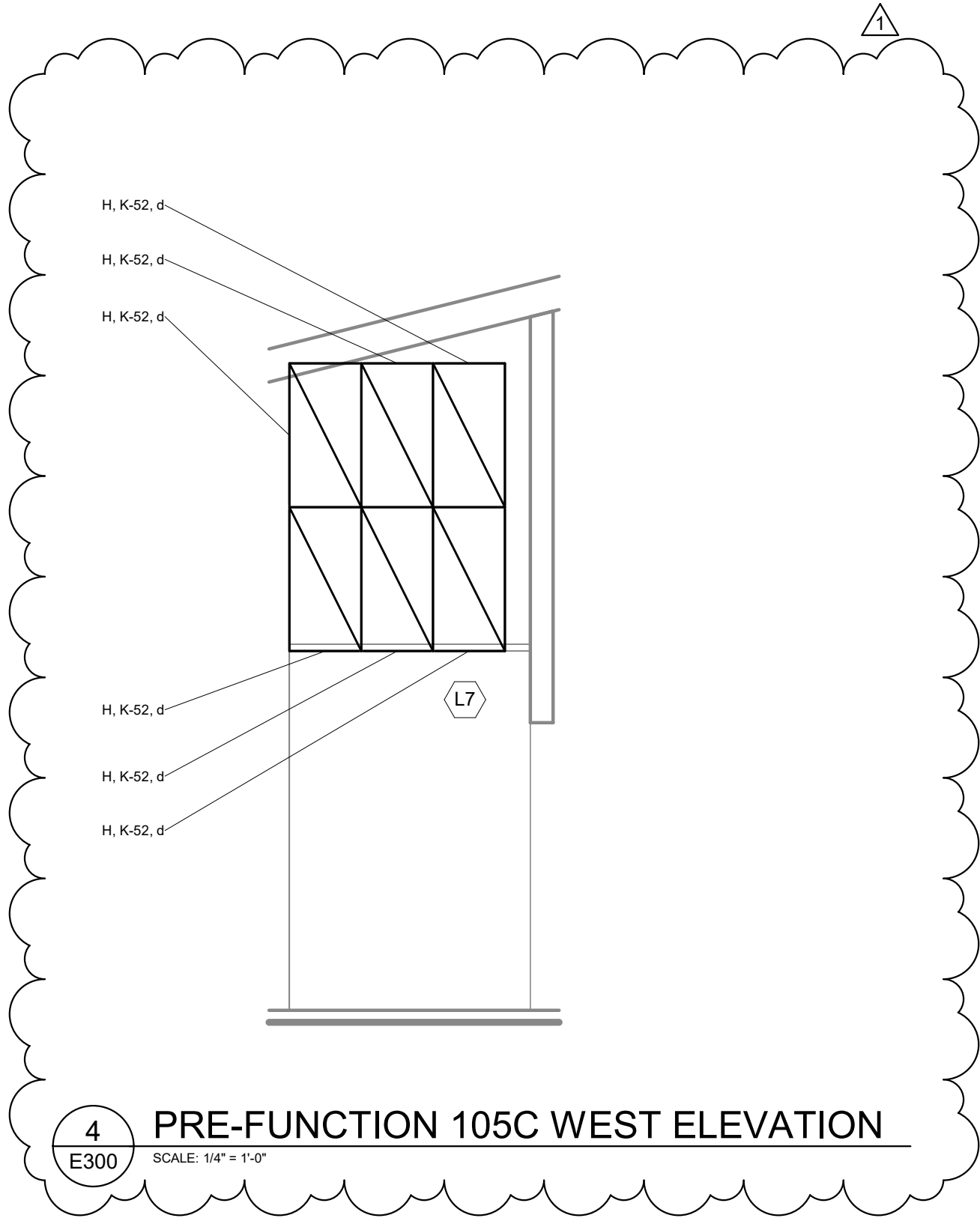
SYSTEMS GENERAL NOTES:

- ALL LOW VOLTAGE CABLES OR CONDUCTORS OPERATING AT LESS THAN 50 VOLTS SHALL BE IN ELECTRICAL METAL TUBING (EMT) WHERE INSTALLED WITHIN WALLS OR INACCESSIBLE SPACES.
- TV OUTLETS, VOLUME CONTROLS, TELEPHONE OUTLETS, AND DATA OUTLETS SHALL CONSIST OF A BACK BOX WITH CONDUIT STUBBED ABOVE THE ACCESSIBLE CEILING. SEE ROUGH-IN DETAIL. VERIFY SIZE OF BACK BOX REQUIRED WITH DEVICE TO BE INSTALLED. LOCATE BACK BOXES 6" FROM ADJACENT POWER RECEPTACLE INTENDED FOR COMPUTER USE.
- ANY/ALL LOW VOLTAGE SYSTEMS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: COMMUNICATIONS, PAGING, CLOCK SYSTEM, CLASS BELLS, ETC., SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. FIELD VERIFY ALL LOW VOLTAGE SYSTEM REQUIREMENTS AND EXTEND/MAINTAIN/REUSE AS REQUIRED. EXTEND ANY/ALL NEW COMMUNICATIONS CABLING TO EXISTING MDF/IDF AS REQUIRED. COORDINATE JACK/CABLING REQUIREMENTS AND COLORS WITH OWNER.
- CAMERA MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND CAMERA MOUNT TYPE PRIOR TO INSTALL.
- ALL WAP LOCATIONS SHOWN ARE APPROXIMATE. CONFIRM ALL EXACT/FINAL WAP LOCATIONS WITH CITY I.T. DEPARTMENT PRIOR TO ROUGH IN. WAP MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND WAP MOUNT TYPE PRIOR TO INSTALL.
- ALL NEW CAT6 CABLING SHALL BE ROUTED TO STORAGE (TR ROOM) #105E.

KEYED NOTES

(KEYED NOTES PER PROJECT)

- L5 ELECTRICAL CONTRACTOR TO PROVIDE INTEGRAL BACKLIGHTING BEHIND PERFORATED ARCHITECTURAL CEILING PANELS THROUGHOUT CORRIDOR 105A. FIELD CUT BACKLIGHTING SECTIONS THAT DO NOT FIT IN 2'X4' LIGHT TRAYS.
- L7 ELECTRICAL CONTRACTOR TO PROVIDE INTEGRAL BACKLIGHTING BEHIND PERFORATED ARCHITECTURAL CEILING PANELS IN VERTICAL SECTION IN PRE-FUNCTION 105C. FIELD CUT BACKLIGHTING SECTIONS THAT DO NOT FIT IN 2'X4' LIGHT TRAYS.
- S2 FOR CONNECTION OF TELECOM ROOMS, RUN TWELVE STRAND SINGLE MODE FIBER FROM STORAGE (TR ROOM) 123 TO STORAGE (TR ROOM) 105E. TERMINATE WITH LC CONNECTORS ON CABINET MOUNTED PATCH PANEL IN EACH TR. PROVIDE 12 LC TO LC PATCH CABLES.
- S5 PROVIDE AND INSTALL (2) 2" CONDUITS ROUTED FROM STORAGE (TR ROOM) 123 TO STORAGE (TR ROOM) 105E. PROVIDE JUNCTION BOXES ABOVE CEILING IN WORK ROOM 115 AND IN GYMNASIUM 105 APPROXIMATELY AS SHOWN. CONDUITS SHALL BE PAINTED TO MATCH EXISTING CEILING/UTILITIES COLOR WHEN ROUTED THROUGH SPACE(S) WITH NO CEILINGS.



4 PRE-FUNCTION 105C WEST ELEVATION
SCALE: 1/4" = 1'-0"

WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

REVISION FOR:

NO.	DESCRIPTION	DATE
1	Addendum #2	6/13/2024

DRAWN BY JDR

CHECKED BY JDR

LARGE SCALE PLANS -
ELECTRICAL

E300

WARNER PARK COMMUNITY RECREATION CENTER EXPANSION

1625 NORTHPORT DRIVE

MADISON, WI 53704

CITY OF MADISON PARKS DIVISION

330 EAST LAKESIDE STREET
MADISON, WI 53715

MADISON, WI 53715

PROJECT NUMBER

223471.00

ISSUED FOR:

BID SET

5/16/2024

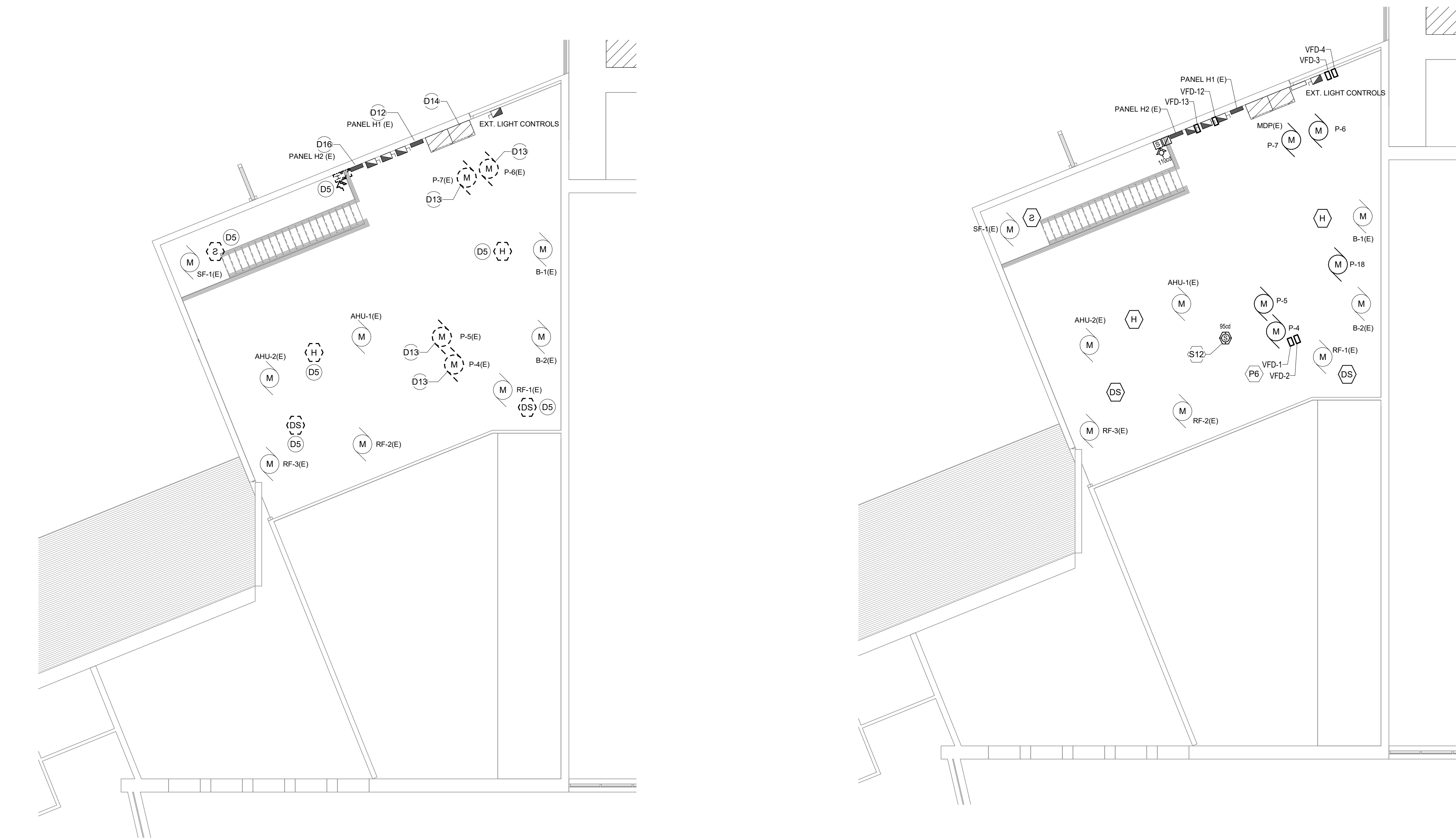
REVISION FOR:

NO.	DESCRIPTION
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DATE _____

1 Addendum #2

6/13/2024



2 NORTH MEZZANINE DEMOLITION PLAN – POWER AND SYSTEMS
E301 SCALE: 1/8" = 1'-0"

1 NORTH MEZZANINE PLAN – POWER AND SYSTEMS
E301 SCALE: 1/8" = 1'-0"

SYSTEMS GENERAL NOTES:

1. ALL LOW VOLTAGE CABLES OR CONDUCTORS OPERATING AT LESS THAN 50 VOLTS SHALL BE IN ELECTRICAL METAL TUBING (EMT) WHERE INSTALLED WITHIN WALLS OR INACCESSIBLE SPACES.
2. TV OUTLETS, VOLUME CONTROLS, TELEPHONE OUTLETS, AND DATA OUTLETS SHALL CONSIST OF A BACK BOX WITH CONDUIT STUBBED ABOVE THE ACCESSIBLE CEILING. SEE ROUGH-IN DETAIL. VERIFY SIZE OF BACK BOX REQUIRED WITH DEVICE TO BE INSTALLED. LOCATE BACK BOXES 6" FROM ADJACENT POWER RECEPTACLE INTENDED FOR COMPUTER USE.
3. ANYALL LOW VOLTAGE SYSTEMS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: COMMUNICATIONS, PAGING, CLOCK SYSTEM, CLASS BELLS, ETC., SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. FIELD VERIFY ALL LOW VOLTAGE SYSTEM REQUIREMENTS AND EXTEND/MAINTAIN/REUSE AS REQUIRED. EXTEND ANY/ALL NEW COMMUNICATIONS CABLEING TO EXISTING MDF/IDF AS REQUIRED. COORDINATE JACK/CABLING REQUIREMENTS AND COLORS WITH OWNER.
4. CAMERA MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND CAMERA MOUNT TYPE PRIOR TO INSTALL.
5. ALL WP LOCATIONS SHOWN ARE APPROXIMATE. CONFIRM ALL EXACT/FINAL WP LOCATIONS WITH CITY IT. DEPARTMENT PRIOR TO ROUGH IN. WP MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND WP MOUNT TYPE PRIOR TO INSTALL.
6. ALL NEW CAT6 CABLEING SHALL BE ROUTED TO STORAGE (TR ROOM) #105E.

POWER GENERAL NOTES:

1. REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
2. THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.

4. VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILL WORK WITH ARCHITECTURAL PLANS.
4. NOTE THAT THIS PROJECT CONSISTS OF A COMPLETE REPLACEMENT OF THE FIRE ALARM SYSTEM AS SHOWN IN THE PLANS. ANY/ALL EXISTING FIRE ALARM DEVICES, CONTROL PANELS, ANY/ALL JUNCTION PANELS, ETC. SHALL BE DISCONNECTED AND REMOVED COMPLETE. REUSE OF EXISTING INFRASTRUCTURE (BOXES AND CONDUITS ONLY) IS ACCEPTABLE WHERE SIZED AND SUPPORTED PROPERLY. THE NEW VOICE FIRE ALARM SYSTEM THROUGHOUT THE BUILDING SHALL BE INSTALLED, PROGRAMMED, TESTED, COMMISSIONED, AND APPROVED BY THE LOCAL A-HJ PRIOR TO DECOMMISSIONING AND REMOVING THE EXISTING FIRE ALARM SYSTEM. ANY/ALL NEW FIRE ALARM DEVICES SHALL BE RECESSED IN EXISTING WALLS/CEILING UNLESS INDICATED OTHERWISE. ANY/ALL NEW WALL FIRE ALARMS SHALL BE CONDUIT TO MAIN PANEL. FREE AIR CABLEING IS ALLOWED. ANY/ALL EXISTING BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE REMOVED SHALL HAVE THE EXISTING WALLS/CEILING PATCHED AND PAINTED TO OWNER'S SATISFACTION. ANY/ALL NEW BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE SURFACE MOUNTED ON EXISTING WALLS/CEILING SHALL BE PAINTED TO OWNER'S SATISFACTION.
4. ALL RECEPTACLES WITH PULL-OUT CONTROL SHALL BE CONTROLLABLE VIA THE LIGHTING CONTROLS SHOWN ON THE LIGHTING PLANS. PROVIDE CONTROL DEVICES, ETC. AS REQUIRED TO ACHIEVE THE CONTROLS SHOWN.

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

- D5 EXISTING FIRE ALARM INITIATION DEVICE TO BE DISCONNECTED, REMOVED, AND REPLACED. CONNECT TO NEW FIRE ALARM CONTROL PANEL IN SAME LOCATION.
- D12 EXISTING CUTLER HAMMER PRL1A 225A 120/208V 3PH PANEL 'H1' TO REMAIN.
- D13 EXISTING PUMP TO BE DISCONNECTED AND REMOVED BY OTHERS. REMOVE FEEDER BACK TO SOURCE. DISCONNECT AND REMOVE EXISTING BREAKER AND REPLACE WITH NEW BREAKER SIZE SHOWN ON E800.
- D14 CHALLENGER 1600A 208V/120V SWITCHBOARD EXISTING TO REMAIN. REFER TO E600 FOR DETAILS.
- D16 EXISTING CUTLER HAMMER PRL1A 225A 120/208V 3PH PANEL 'H2' TO REMAIN.

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LARGE SCALE PLANS - NORTH MEZZANINE

E301

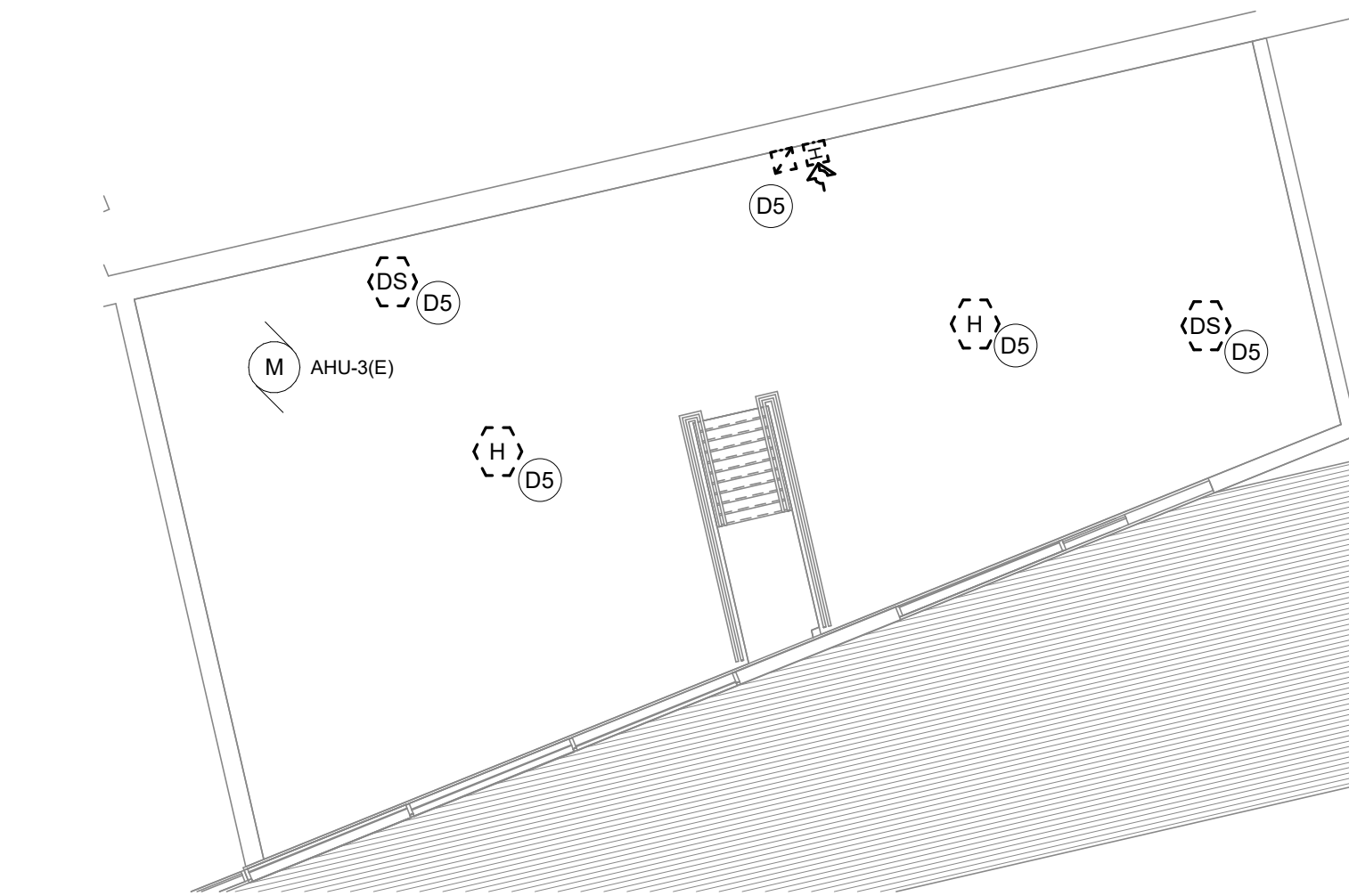
WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

1625 NORTHPORT DRIVE
MADISON, WI 53704

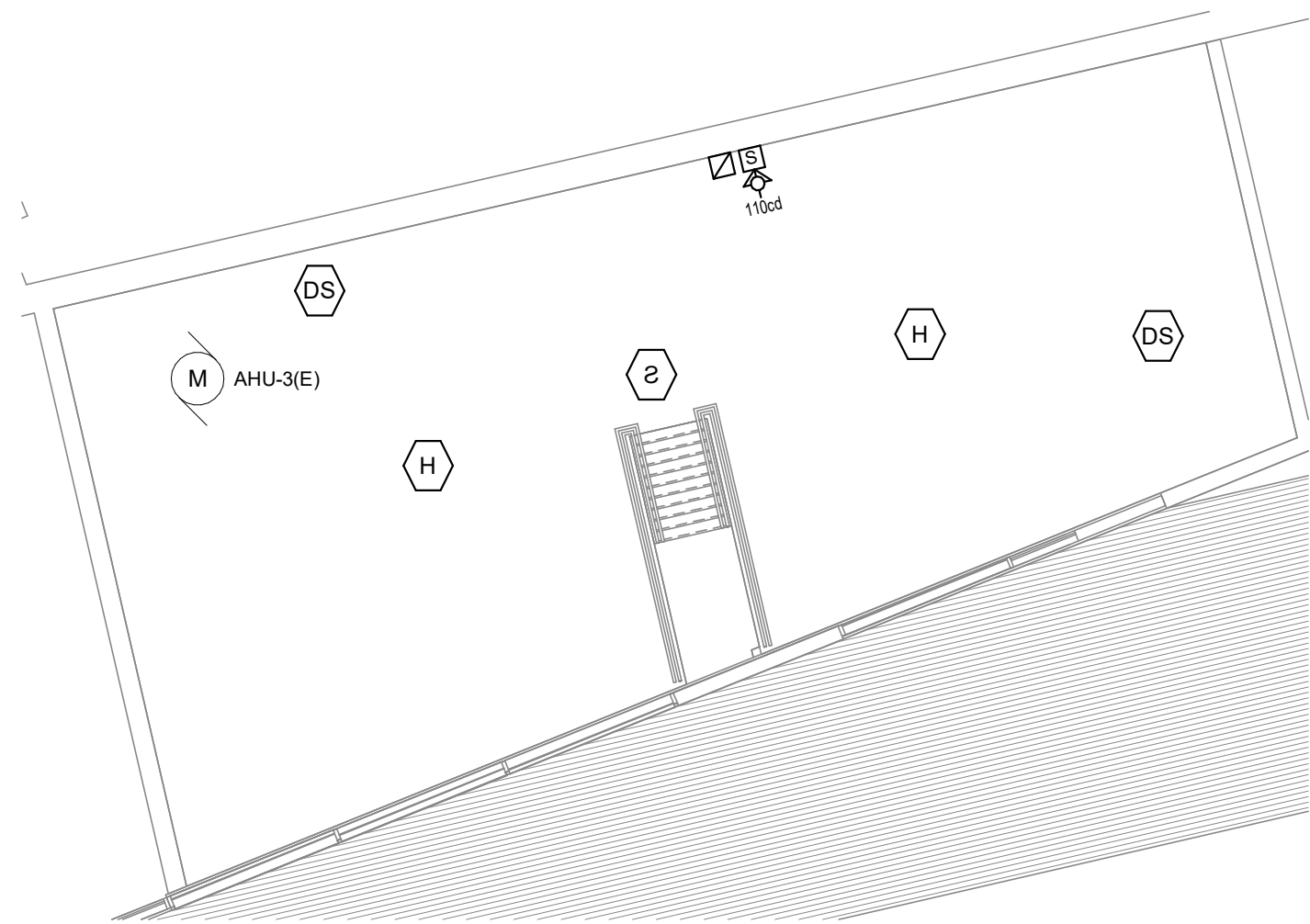
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER

223471.00



2 SOUTH MEZZANINE DEMO PLAN – POWER AND SYSTEMS
E302 SCALE: 1/8" = 1'-0"



1 SOUTH MEZZANINE PLAN – POWER AND SYSTEMS
E302 SCALE: 1/8" = 1'-0"

SYSTEMS GENERAL NOTES:

- ALL LOW VOLTAGE CABLES OR CONDUCTORS OPERATING AT LESS THAN 50 VOLTS SHALL BE IN ELECTRICAL METAL TUBING (EMT) WHERE INSTALLED WITHIN WALLS OR INACCESSIBLE SPACES.
- TV OUTLETS, VOLUME CONTROLS, TELEPHONE OUTLETS, AND DATA OUTLETS SHALL CONSIST OF A BACK BOX WITH CONDUIT STUBBED ABOVE THE ACCESSIBLE CEILING, SEE ROUGH-IN DETAIL. VERIFY SIZE OF BACK BOX REQUIRED WITH DEVICE TO BE INSTALLED. LOCATE BACK BOXES 6" FROM ADJACENT POWER RECEPTACLE INTENDED FOR COMPUTER USE.
- ANY/ALL LOW VOLTAGE SYSTEMS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: COMMUNICATIONS, PAGING, CLOCK SYSTEM, CLASS BELLS, ETC., SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. FIELD VERIFY ALL LOW VOLTAGE SYSTEM REQUIREMENTS AND EXTEND/MAINTAIN/REUSE AS REQUIRED. EXTEND ANY/ALL NEW COMMUNICATIONS CABLING TO EXISTING MDF/IDF AS REQUIRED. COORDINATE JACK/CABLING REQUIREMENTS AND COLORS WITH OWNER.
- CAMERA MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND CAMERA MOUNT TYPE PRIOR TO INSTALL.
- ALL WAP LOCATIONS SHOWN ARE APPROXIMATE. CONFIRM ALL EXACT/FINAL WAP LOCATIONS WITH CITY I.T. DEPARTMENT PRIOR TO ROUGH IN. WAP MOUNTING SHALL BE COORDINATED WITH OWNER. VERIFY DESIRED MOUNTING HEIGHT AND WAP MOUNT TYPE PRIOR TO INSTALL.
- ALL NEW CAT6 CABLING SHALL BE ROUTED TO STORAGE (TR ROOM) #105E.

POWER GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.

3. VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.

4. NOTE THAT THIS PROJECT CONSISTS OF A COMPLETE REPLACEMENT OF THE FIRE ALARM SYSTEM AS SHOWN ON THE PLANS. ANY/ALL EXISTING FIRE ALARM DEVICES, CONTROL PANELS, ANNUNCIATOR PANELS, CABLING, ETC. SHALL BE DISCONNECTED AND REMOVED COMPLETE. REUSE OF EXISTING INFRASTRUCTURE (BOXES AND CONDUITS ONLY) IS ACCEPTABLE WHERE SIZED AND SUPPORTED PROPERLY. THE NEW VOICE FIRE ALARM SYSTEM THROUGHOUT THE BUILDING SHALL BE INSTALLED, PROGRAMMED, TESTED, COMMISSIONED, AND APPROVED BY THE LOCAL AHJ PRIOR TO DECOMMISSIONING AND REMOVING THE EXISTING FIRE ALARM SYSTEM. ANY/ALL NEW FIRE ALARM DEVICES SHALL BE RECESSED IN EXISTING WALLS/CEILINGS UNLESS INDICATED OTHERWISE. ANY AND ALL FIRE ALARM CABLING SHALL BE EMT CONDUIT AT A MINIMUM. NO FREE AIR CABLING IS ALLOWED. ANY/ALL EXISTING BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE REMOVED SHALL HAVE THE EXISTING WALLS/CEILINGS PATCHED AND PAINTED TO OWNER'S SATISFACTION. ANY/ALL NEW BOXES AND CONDUITS WITHIN THE EXISTING BUILDING THAT ARE SURFACE MOUNTED ON EXISTING WALLS/CEILINGS SHALL BE PAINTED TO OWNER'S SATISFACTION.

5. ALL RECEPTACLES WITH PLUG LOAD CONTROL SHALL BE CONTROL CABLE VIA THE LIGHTING CONTROLS SHOWN ON THE LIGHTING PLANS. PROVIDE CONTROL DEVICES, ETC. AS REQUIRED TO ACHIEVE THE CONTROLS SHOWN.

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

DS EXISTING FIRE ALARM INITIATION DEVICE TO BE DISCONNECTED, REMOVED, AND REPLACED. CONNECT TO NEW FIRE ALARM CONTROL PANEL IN SAME LOCATION.

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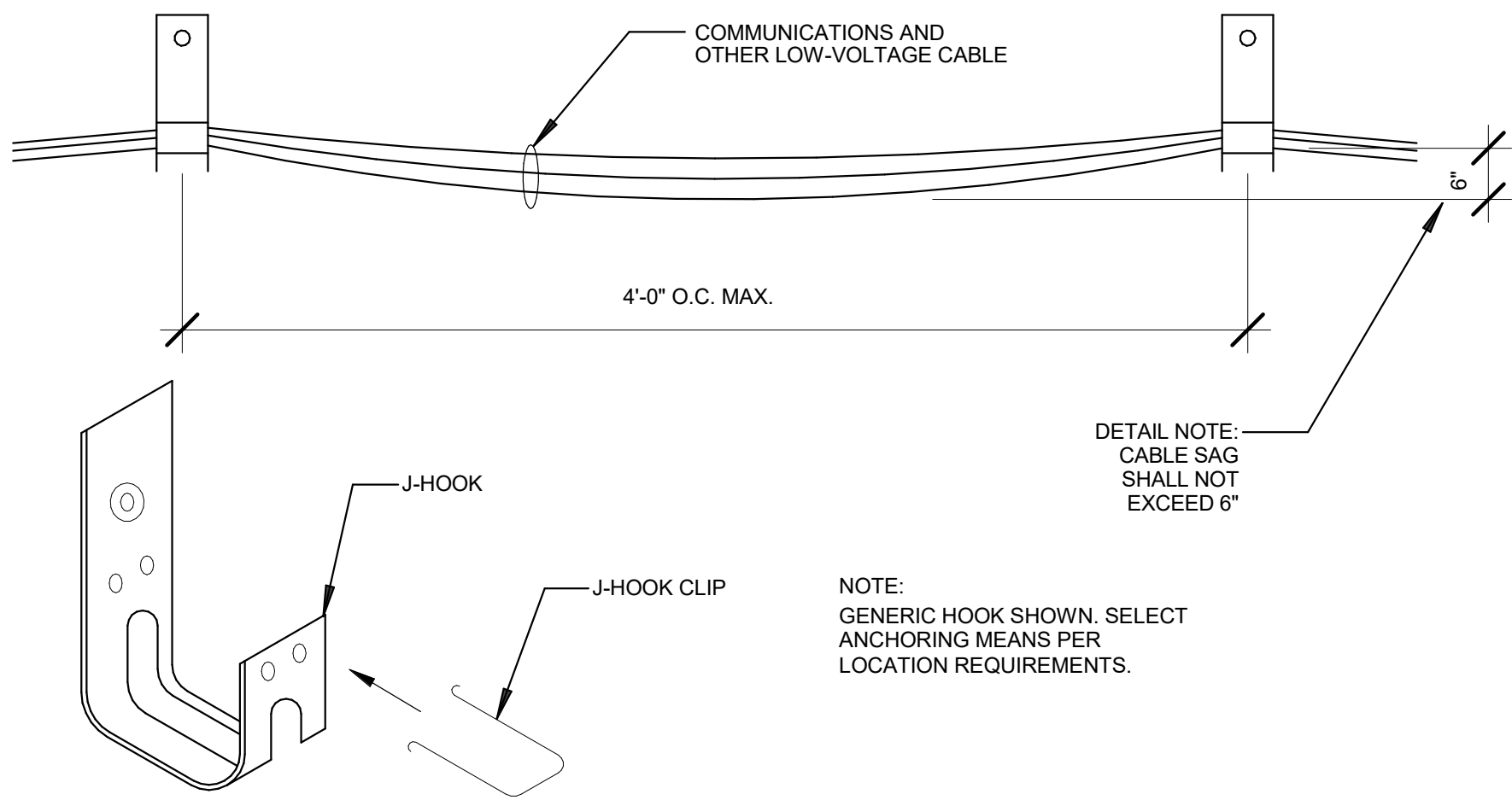
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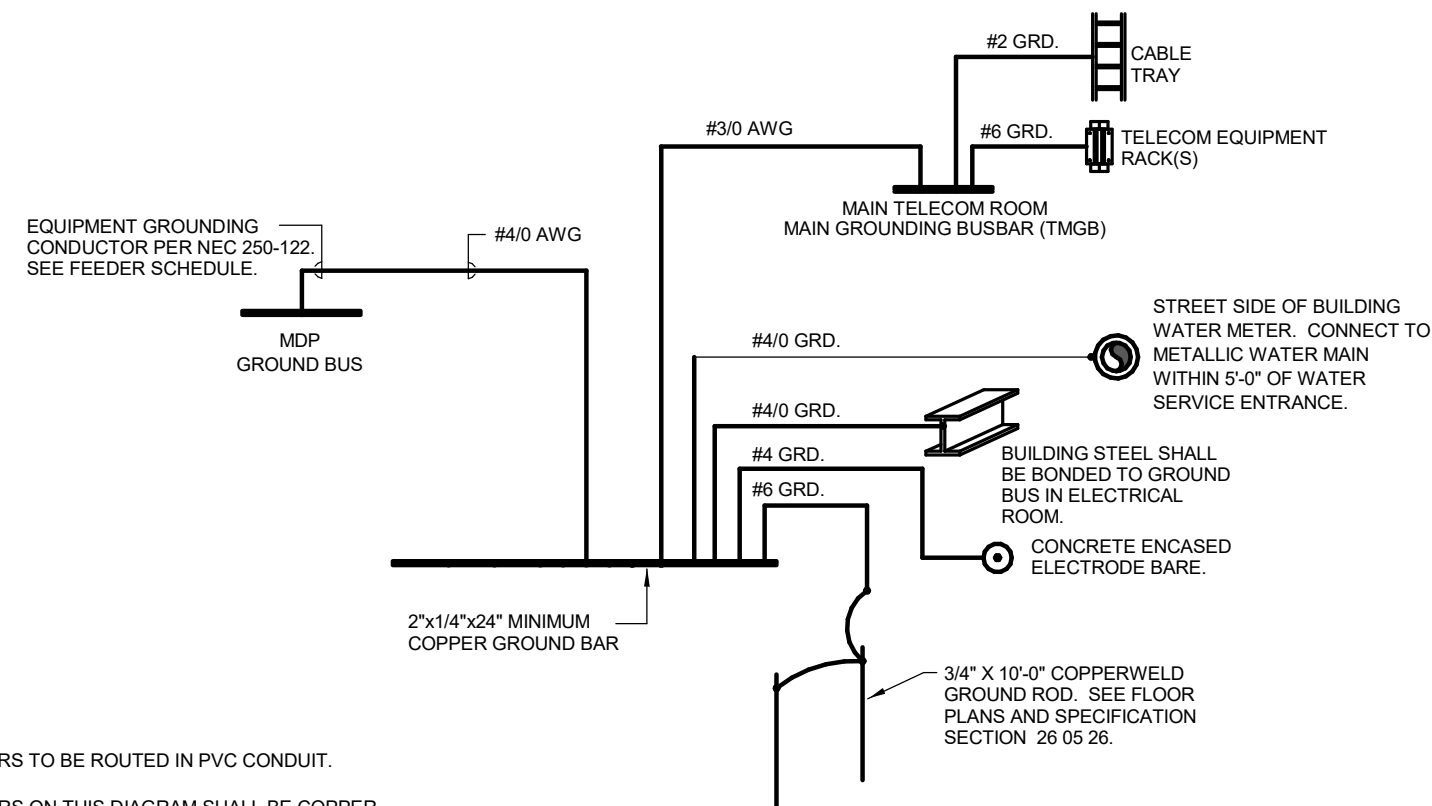
LARGE SCALE PLANS -
SOUTH MEZZANINE

E302



8 TYPICAL CABLE SUPPORT HOOK INSTALLATION

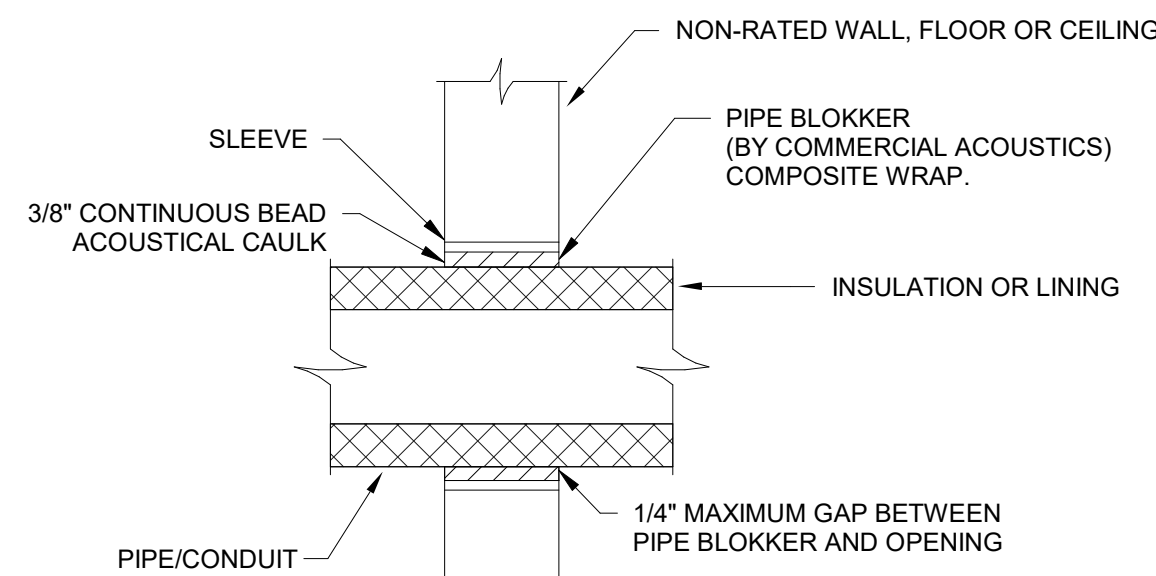
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- NOTES:
- ALL GROUND CONDUCTORS TO BE ROUTED IN PVC CONDUIT.
 - ALL GROUND CONDUCTORS ON THIS DIAGRAM SHALL BE COPPER.

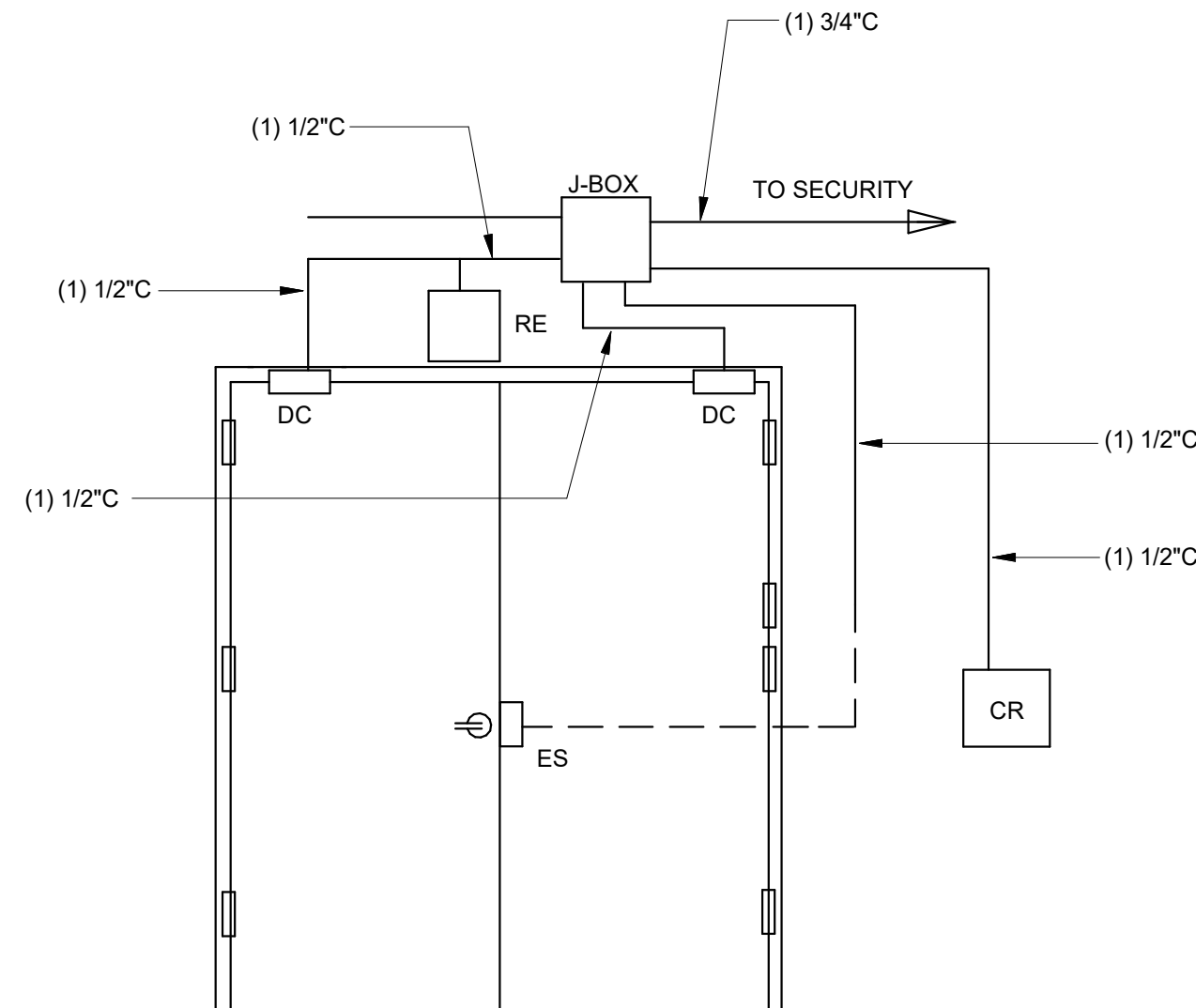
9 TYPICAL GROUNDING SYSTEM

SCALE: NONE



10 SOUND ATTENUATION CONDUIT

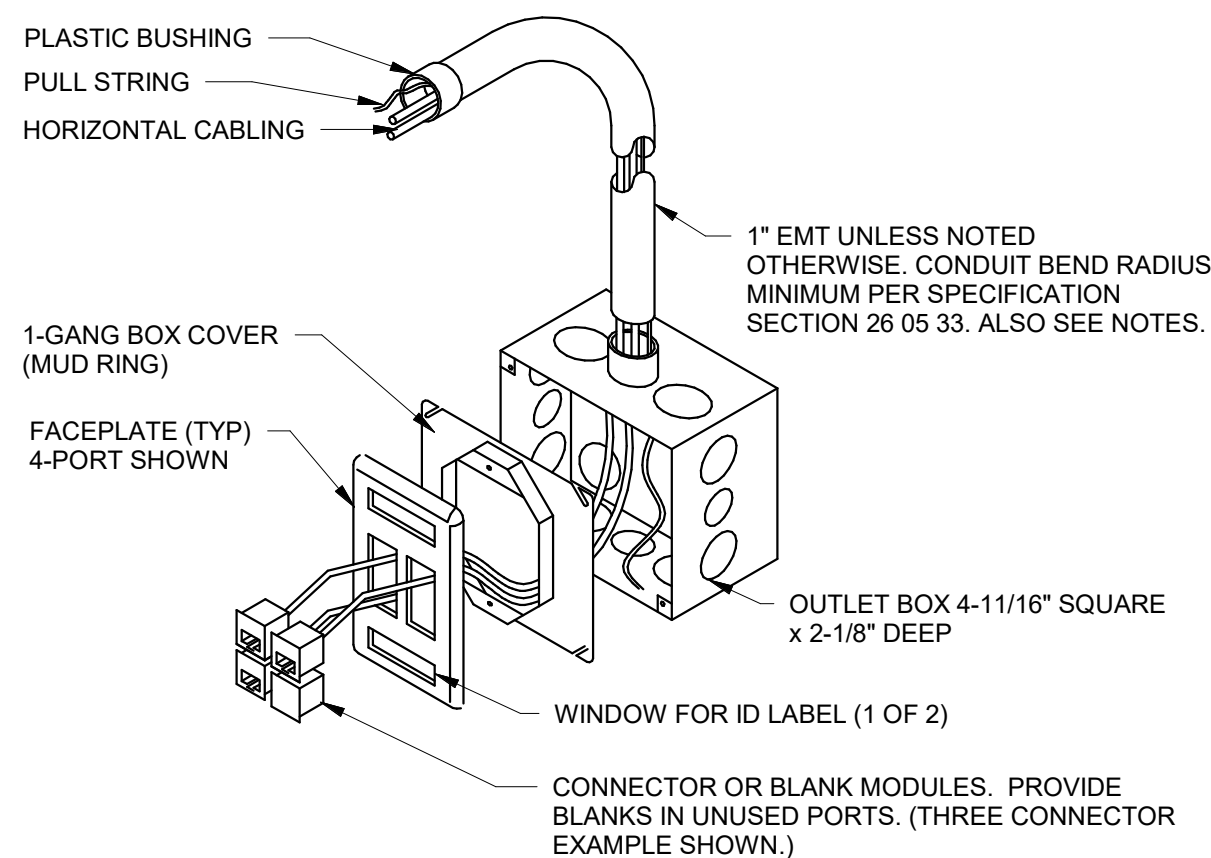
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- CARD READER CONTROL WITH ELECTRIC STRIKE.
- ENTRY BY CARD READER. EXIT IS MANUAL AND ALWAYS AVAILABLE.
- REQUEST TO EXIT SHOWN ON PLANS.
- NOT ALL DEVICES ON DETAIL ARE AT EACH DOOR. REFER TO PLAN.

5 TYPICAL ACCESS CONTROLS DOUBLE DOORS

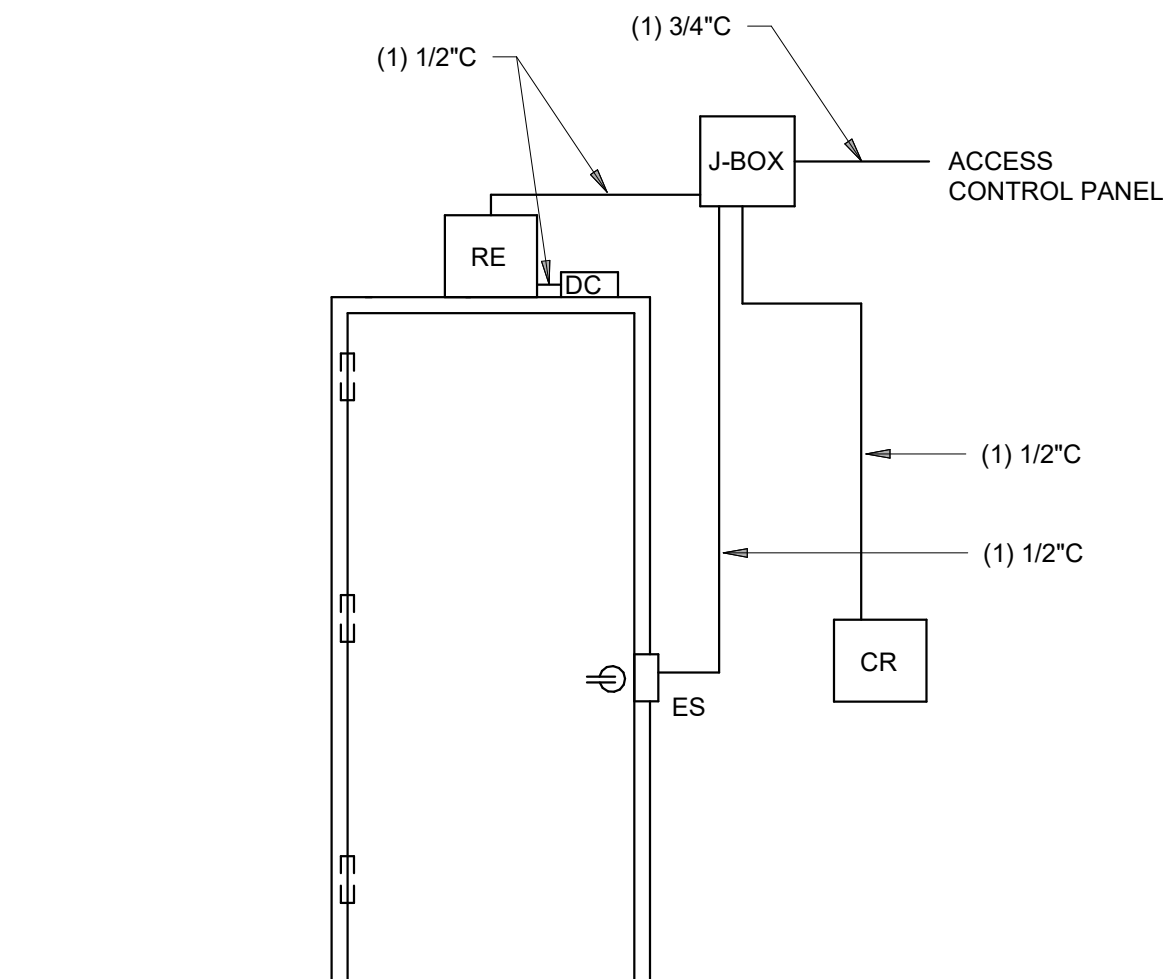
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- NOTES:
- CONDUIT SHALL BE CONTINUOUS FROM OUTLET BOX TO ACCESSIBLE CEILING SPACE OR AS INDICATED ON DRAWINGS.
 - PROVIDE PULL STRING IN ALL CONDUITS.
 - REFER TO SPECIFICATION SECTION 27 00 05 FOR CONNECTOR TYPES.

6 TYPICAL COMMUNICATION EQUIPMENT OUTLET

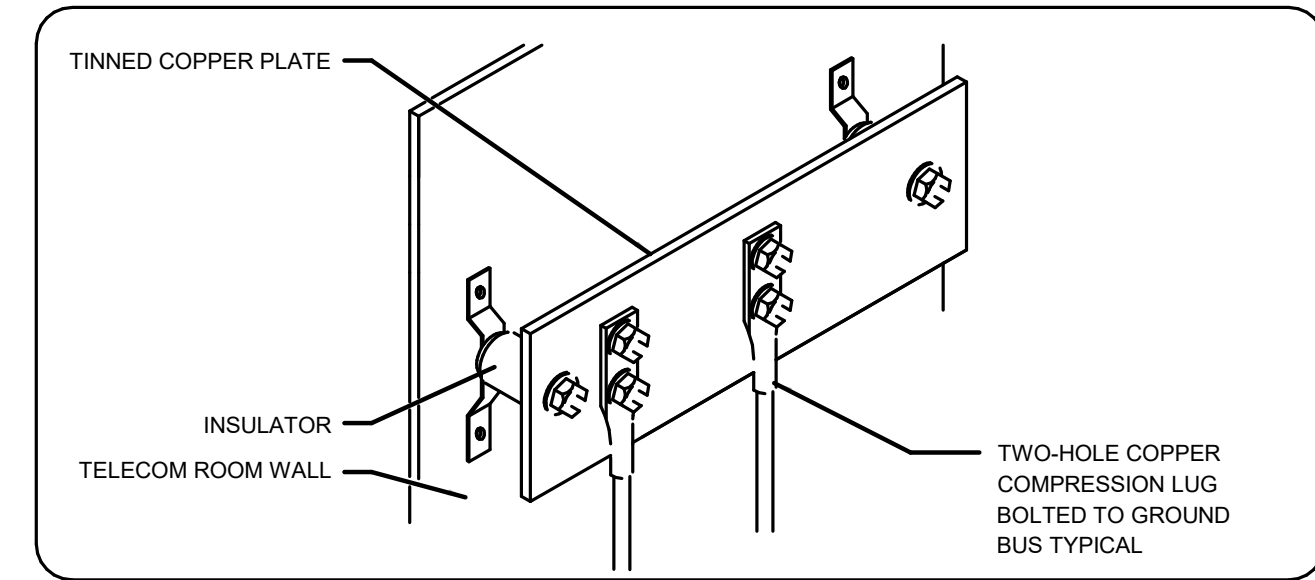
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- CARD READER CONTROL WITH ELECTRIC STRIKE.
- ENTRY BY CARD READER. EXIT IS MANUAL AND ALWAYS AVAILABLE.
- REQUEST TO EXIT SHOWN ON PLANS.
- NOT ALL DEVICES ON DETAIL ARE AT EACH DOOR. REFER TO PLAN.

7 TYPICAL ACCESS CONTROLS SINGLE DOOR

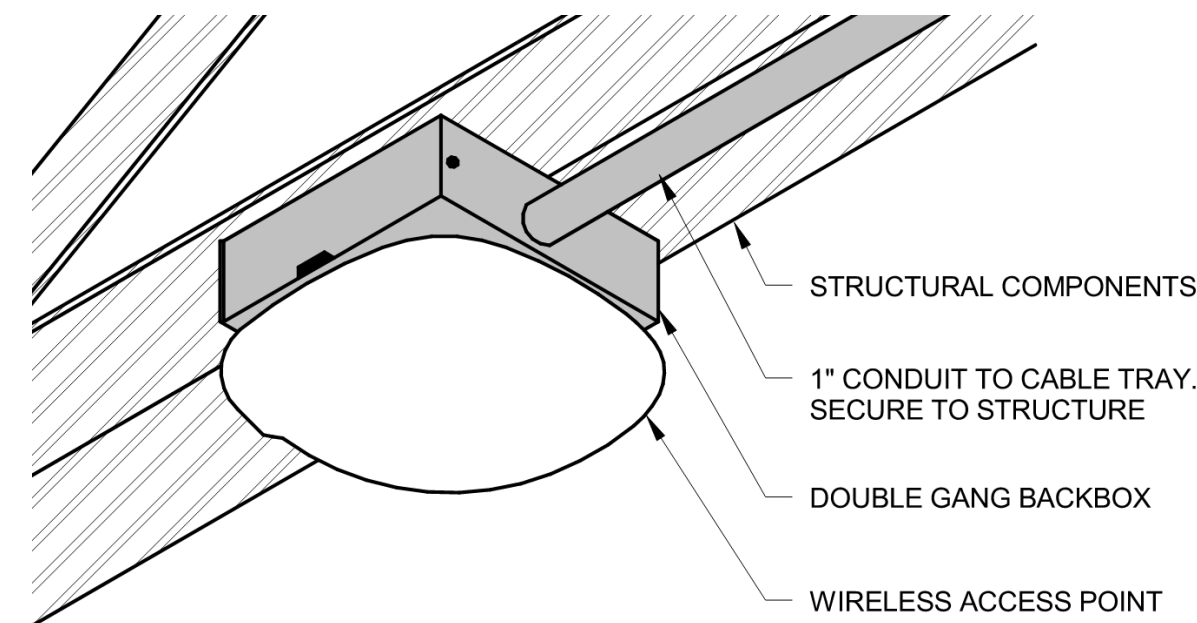
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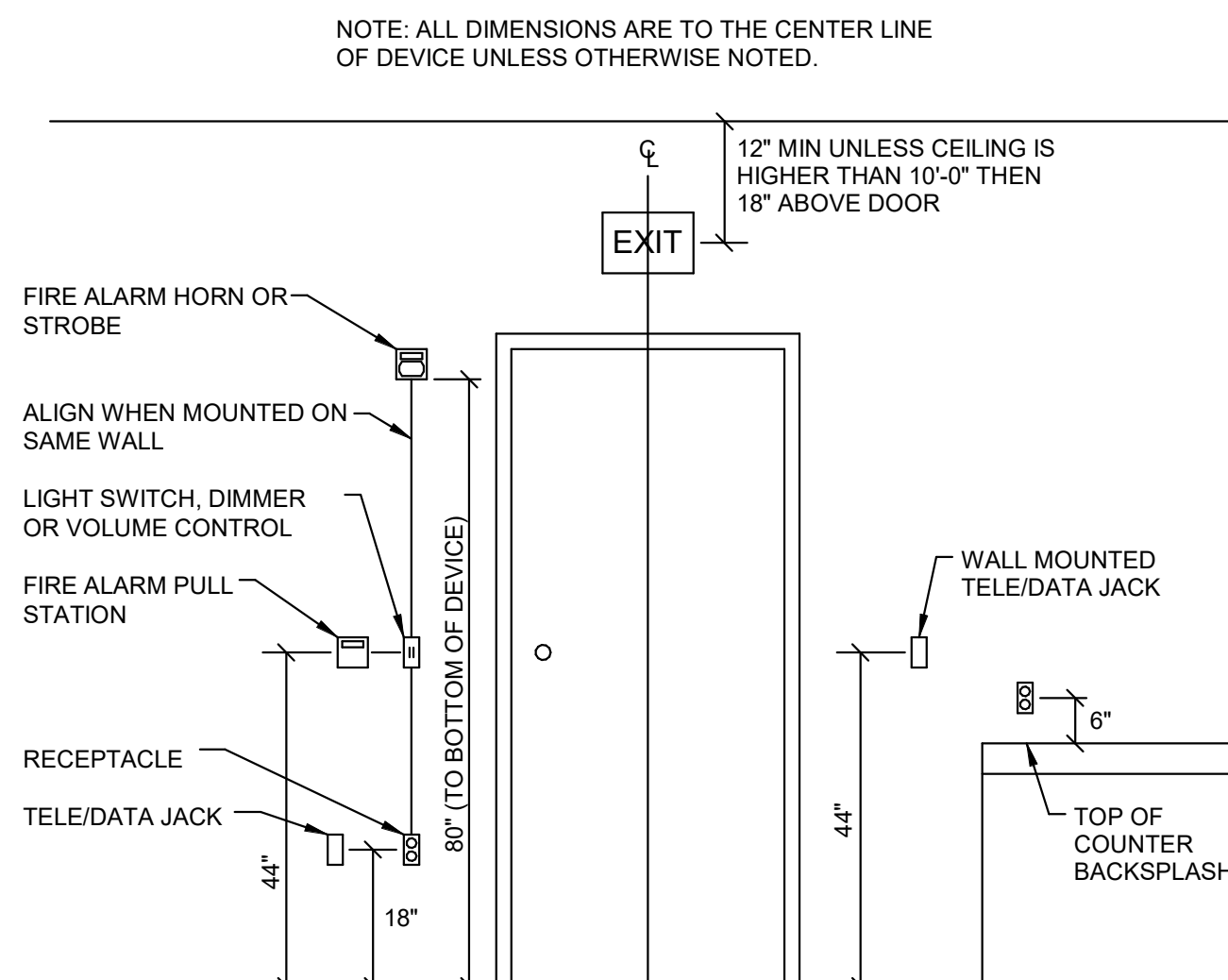
1 TYPICAL GROUNDING BAR

SCALE: NONE



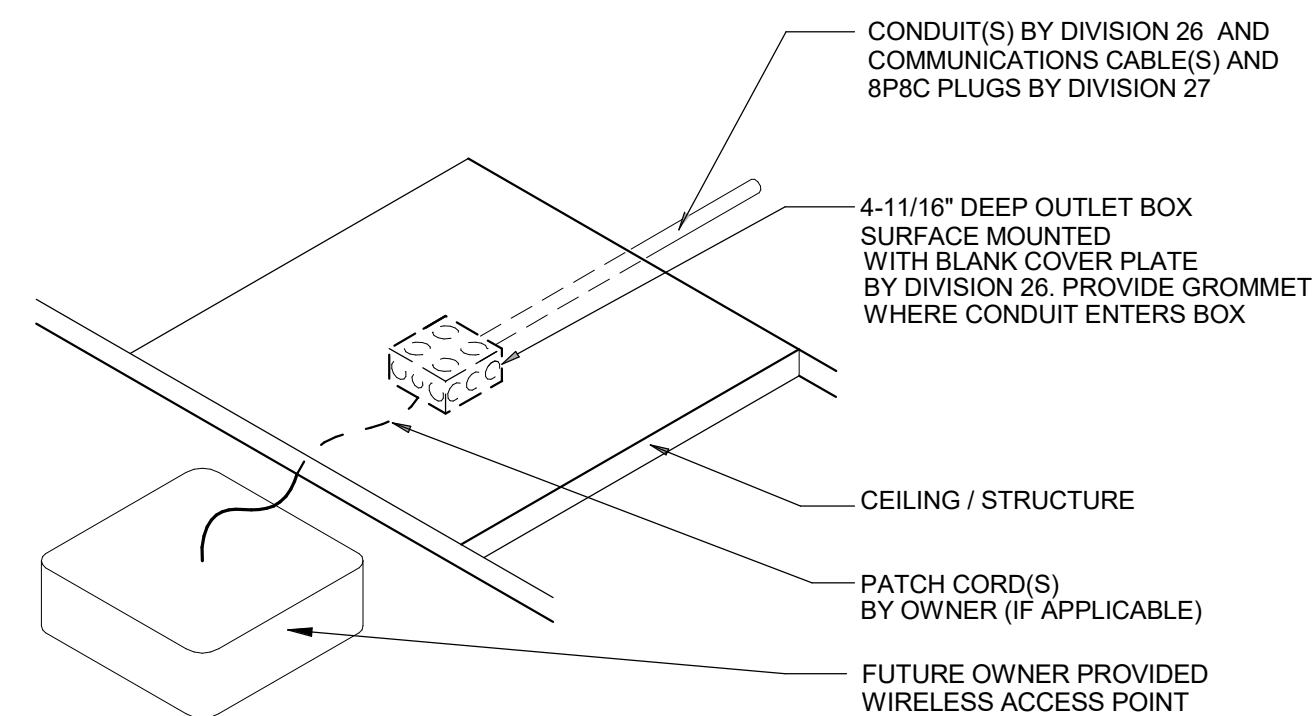
2 TYPICAL WIRELESS ACCESS POINT PENDANT MOUNT

SCALE: NONE



3 TYPICAL MOUNTING HEIGHTS

SCALE: NONE



4 TYPICAL EQUIPMENT OUTLET FOR WIRELESS ACCESS - SURFACE

SCALE: NONE

WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION

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REVISION FOR:

NO.	DESCRIPTION	DATE
1	Addendum #2	6/13/2024

DRAWN BY JDR

CHECKED BY JDR

DETAILS - ELECTRICAL

E900