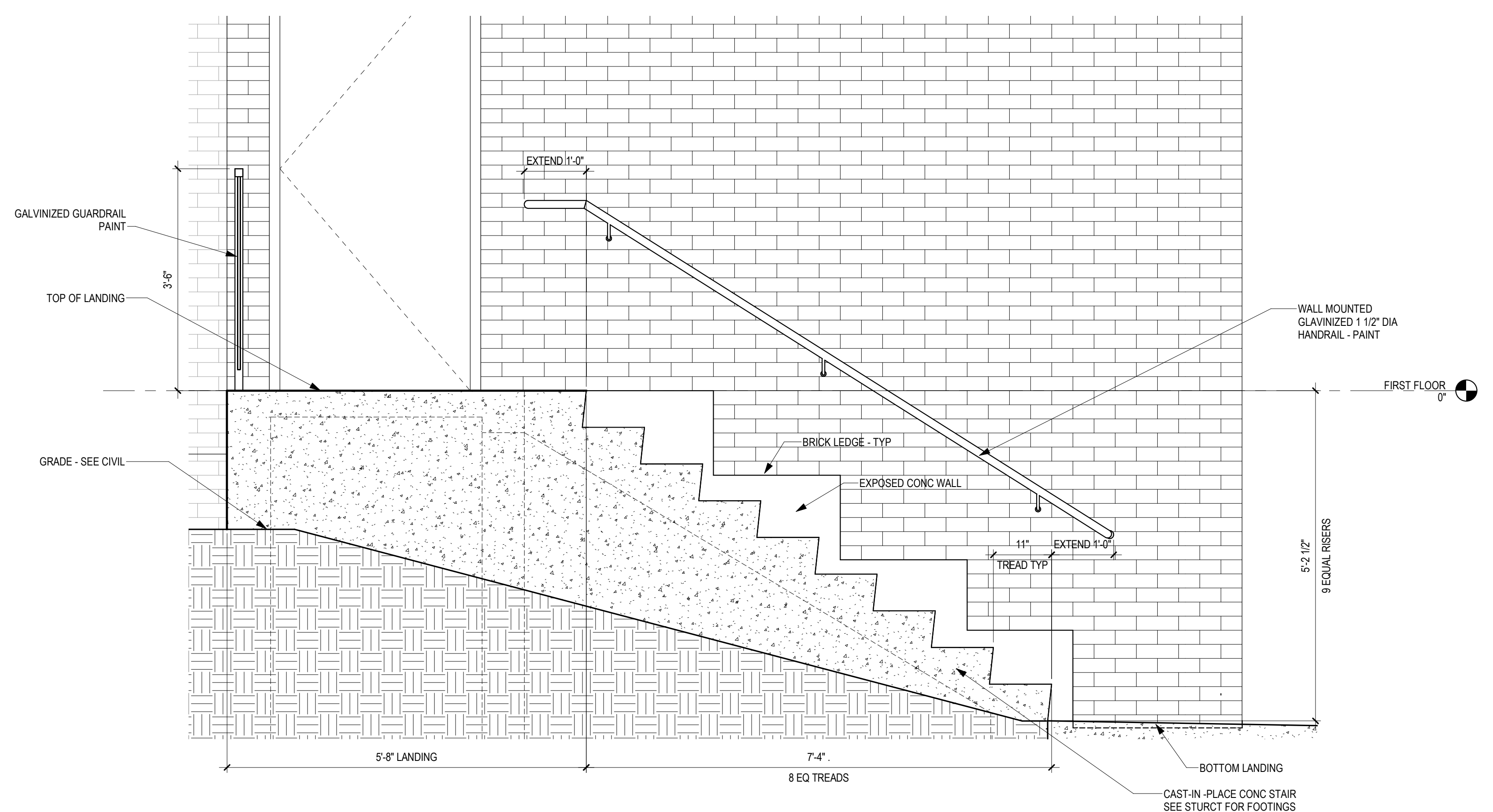
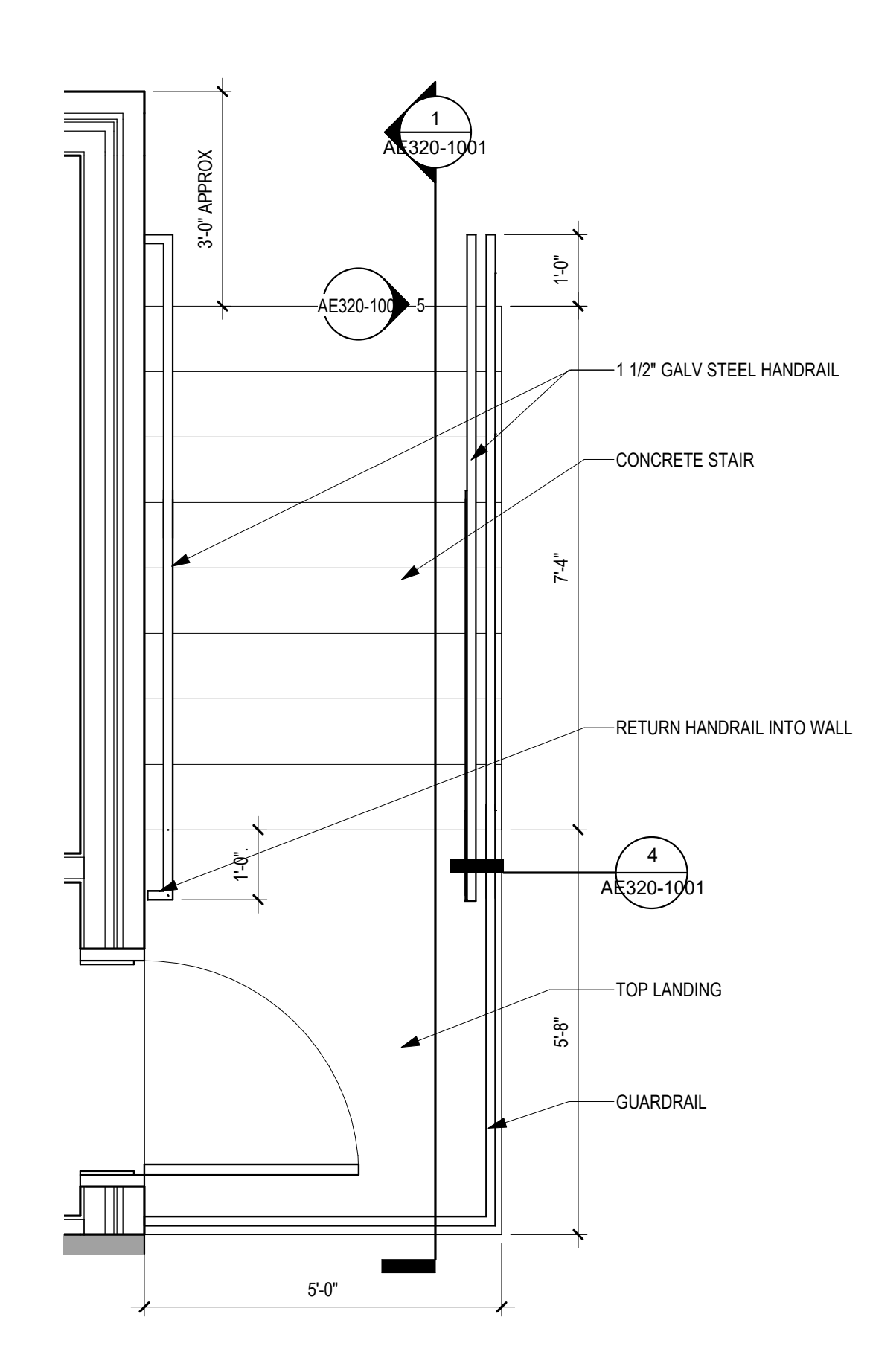


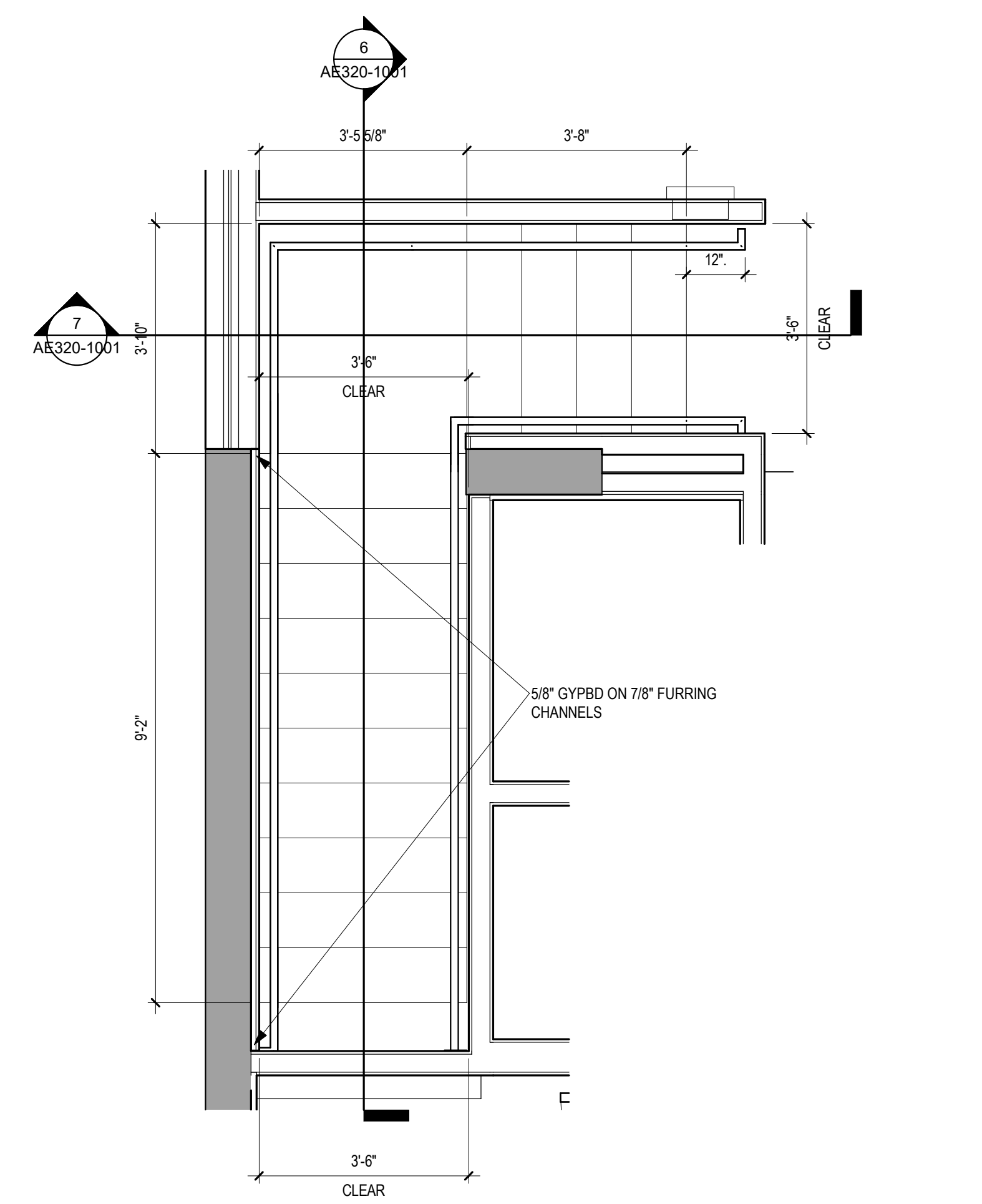
A  
B  
C  
D  
E  
F



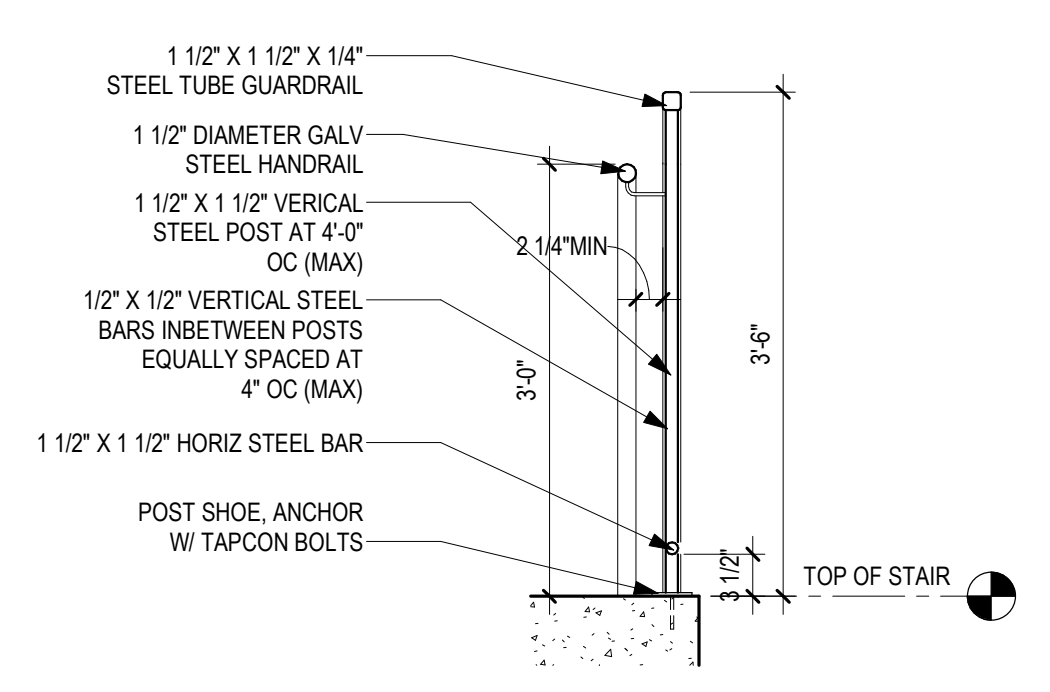
**1 STAIR SECTION**  
3/4" = 1'-0"  
0 1' 2' 4'



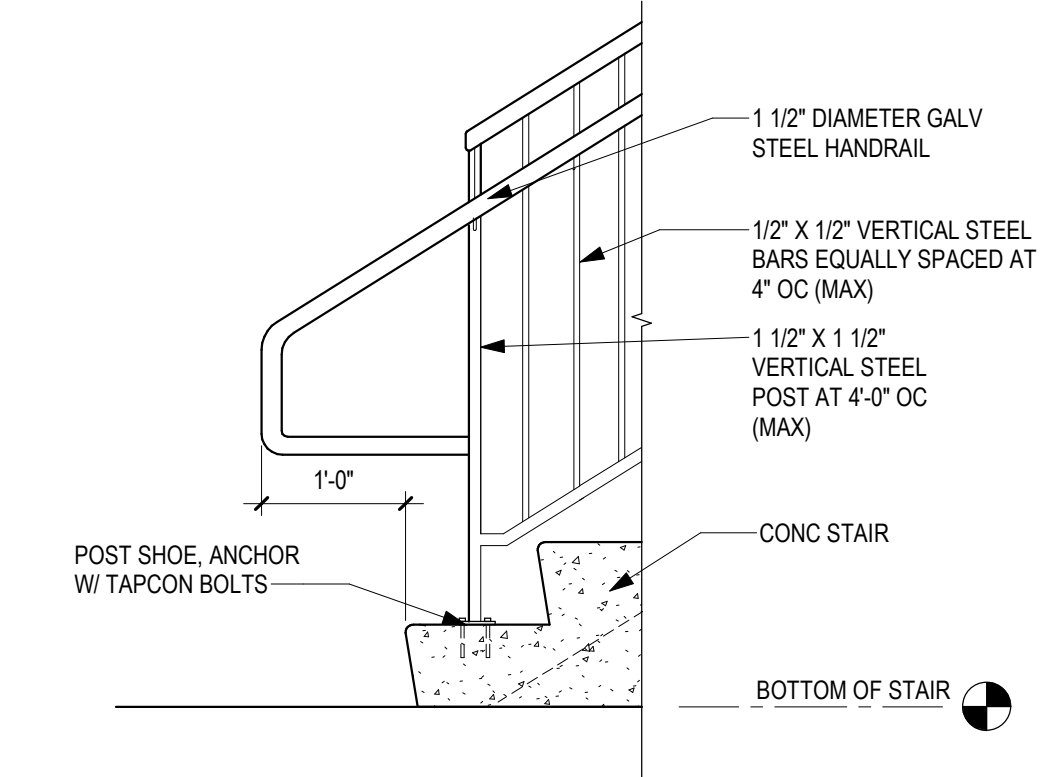
**2 ENLARGED EXTERIOR STAIR PLAN**  
1/2" = 1'-0"  
0 1' 2' 4'



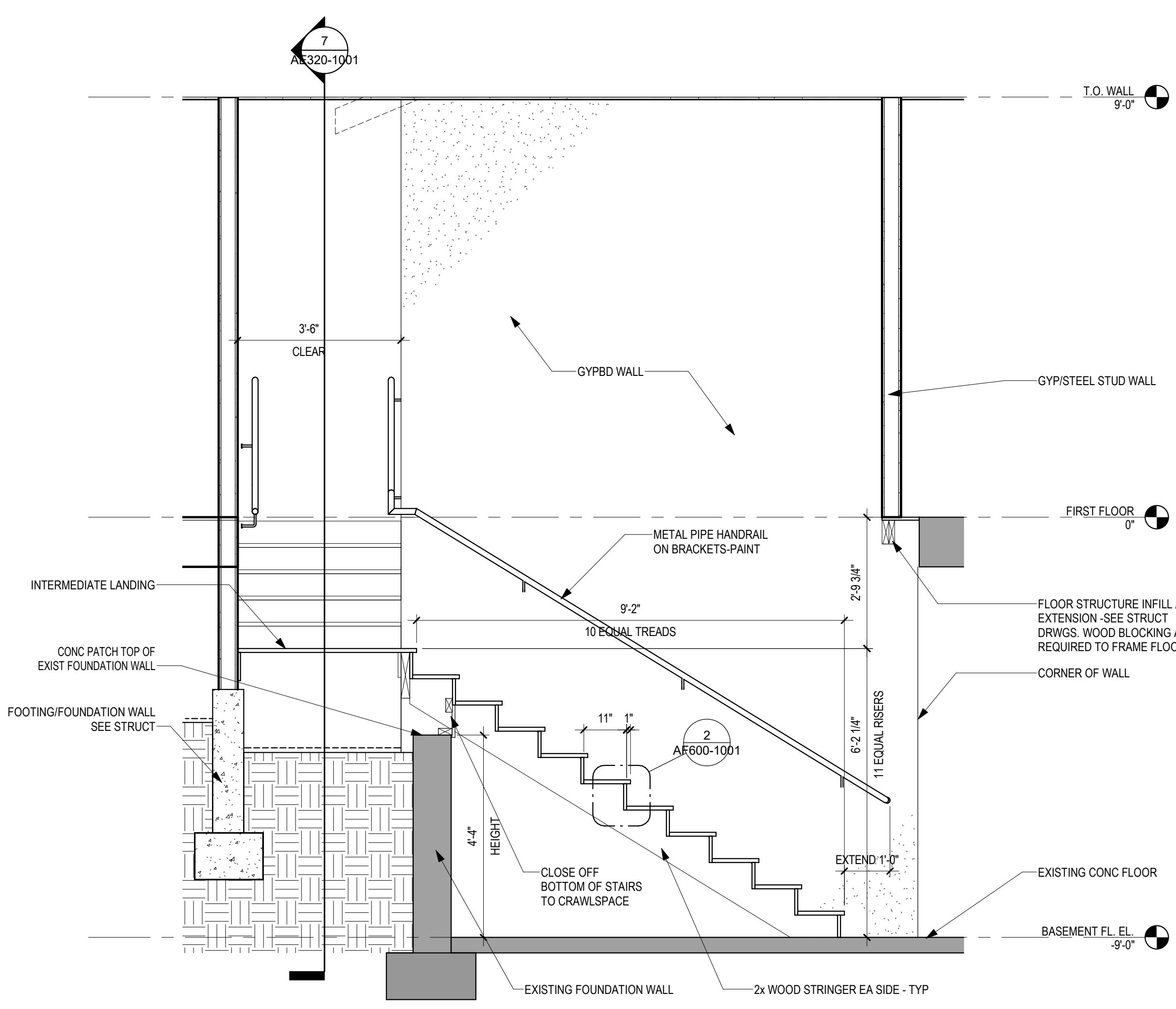
**3 ENLARGED STAIR PLAN**  
1/2" = 1'-0"  
0 1' 2' 4'



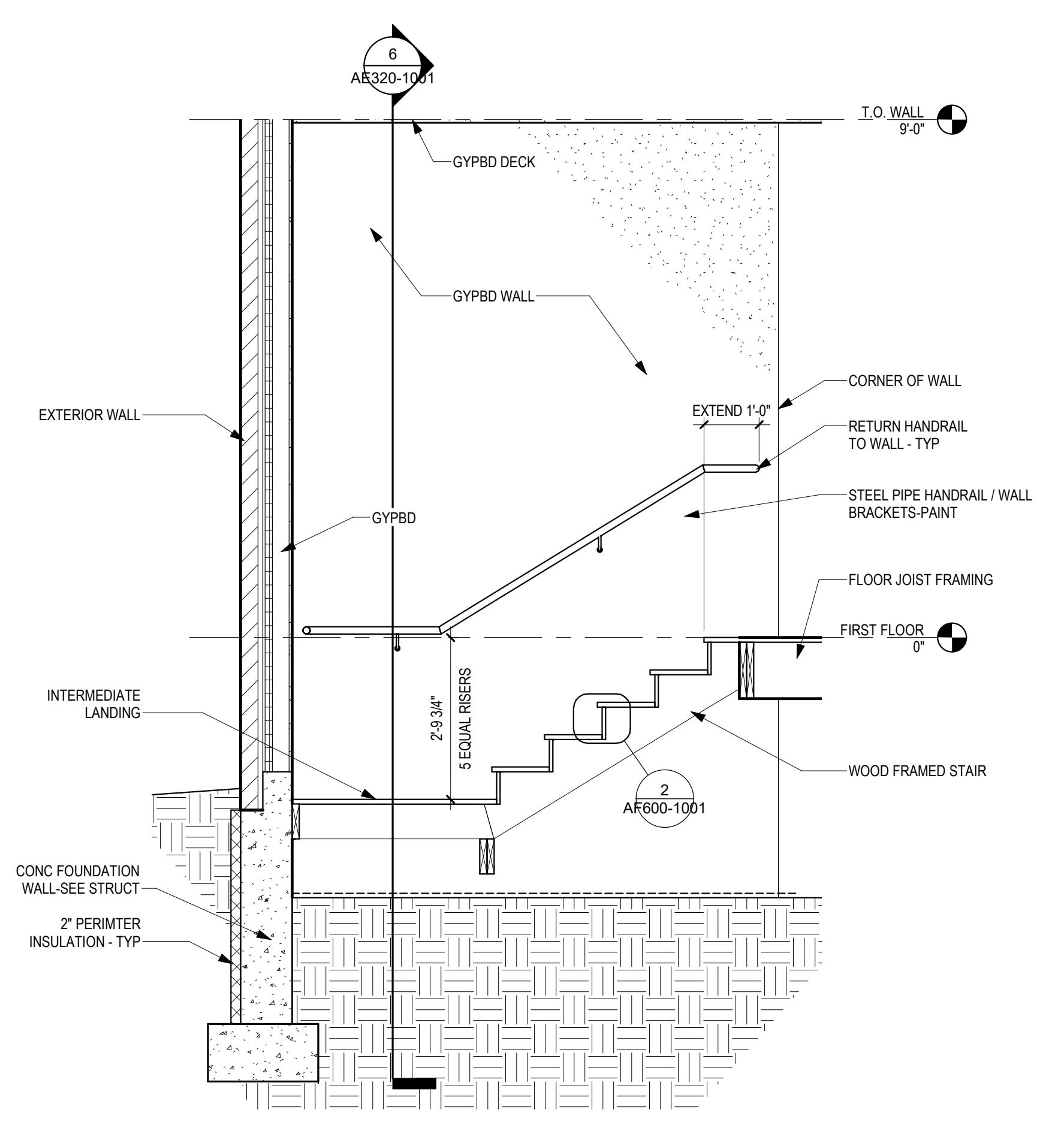
**4 STAIR GUARDRAIL / HANDRAIL SECTION**  
3/4" = 1'-0"



**5 STAIR BOTTOM GUARDRAIL ELEVATION**  
3/4" = 1'-0"



**6 STAIR SECTION 1**  
1/2" = 1'-0"  
0 1' 2' 4'



**7 STAIR SECTION 2**  
1/2" = 1'-0"  
0 1' 2' 4'

**BID DOCUMENTS**

Revisions:	Date:

CONSULTANT		
MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL: IMEG CORP. 14755 PRESTON RD STE 845 DALLAS, TX 75254 (309) 786-5075	GEOTECHNICAL: AET 1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397	COST ESTIMATING: CPMI 3285 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16409

STAMP

PROFESSIONAL SEAL  
THOMAS A. CLEBAN  
REGISTERED PROFESSIONAL ARCHITECT  
STATE OF MINNESOTA  
DATE: 10/31/2022  
License # 9335

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title  
**STAIR SECTIONS AND ENLARGED PLANS**

Approved: \_\_\_\_\_

Phase  
**BID DOCUMENTS SUBMITTAL**

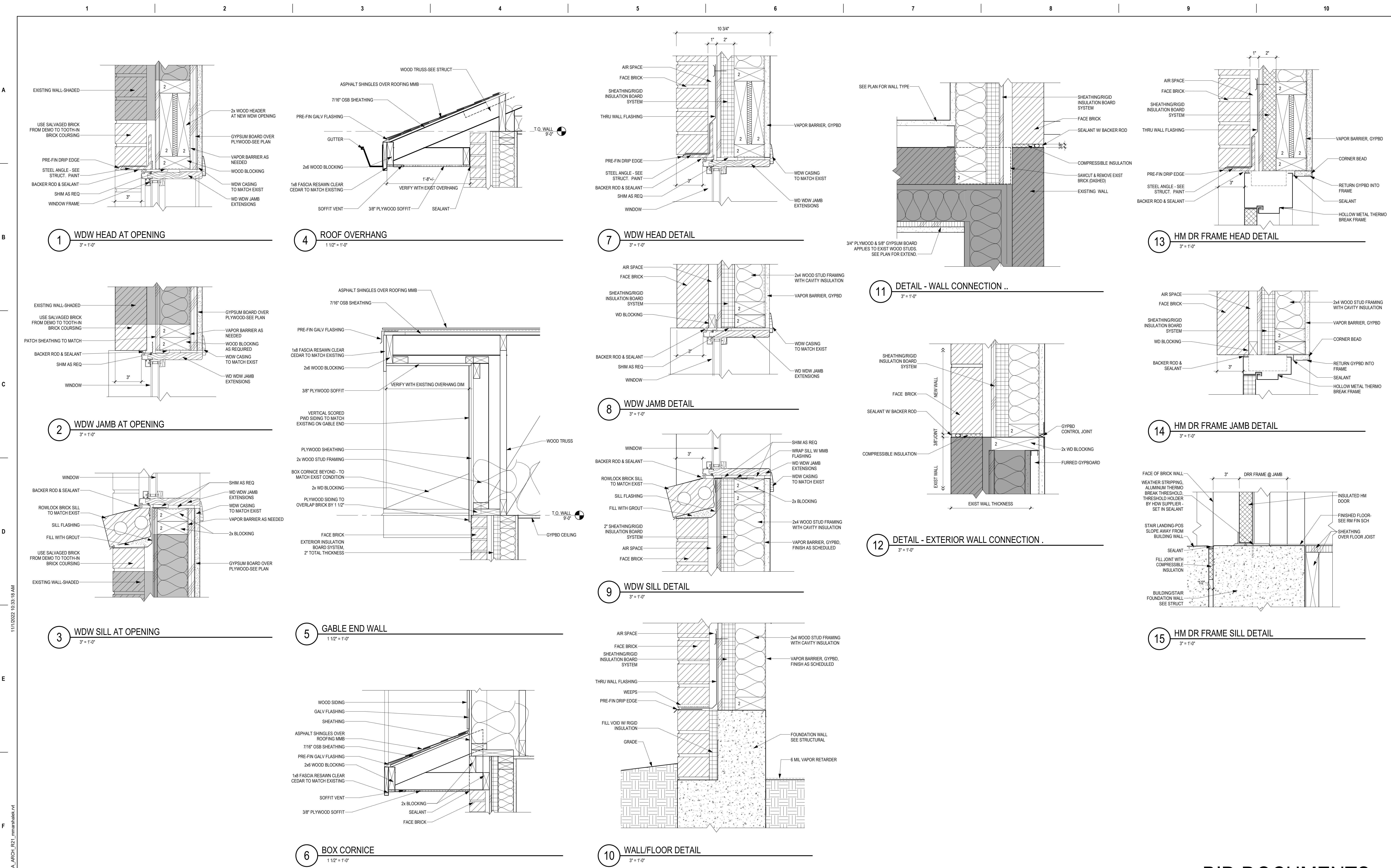
Project Title  
**BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS**

Location: STURGIS, SOUTH DAKOTA

Issue Date: 10/31/2022  
Checked: LA  
Drawn: MMM

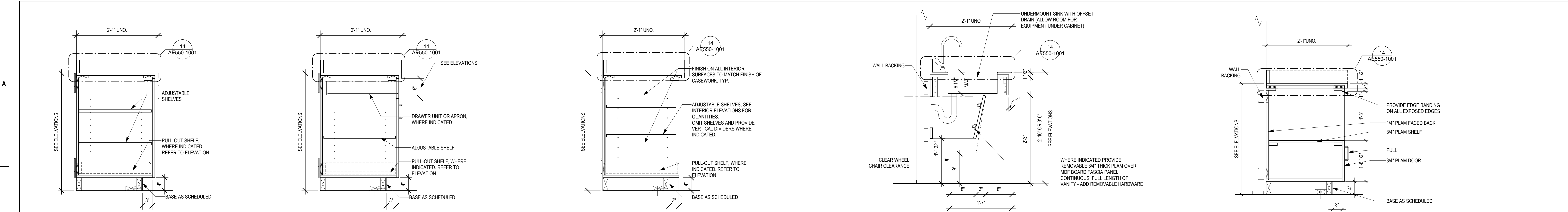
Project Number: 884-CM-3015  
Building Number: 1001  
Drawing Number: AE320-1001  
31 OF 84

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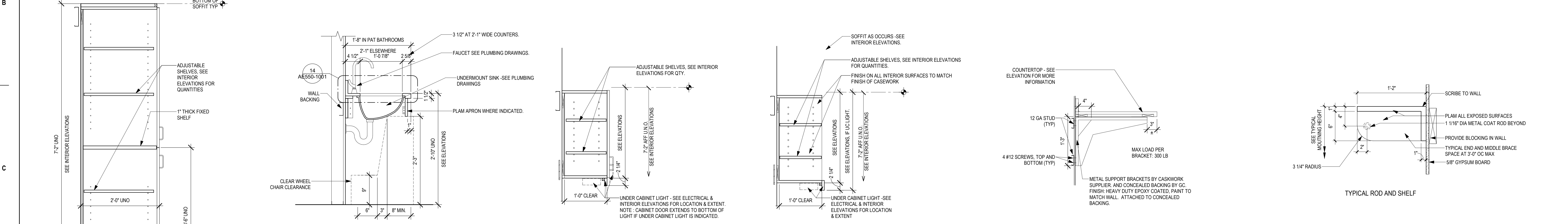


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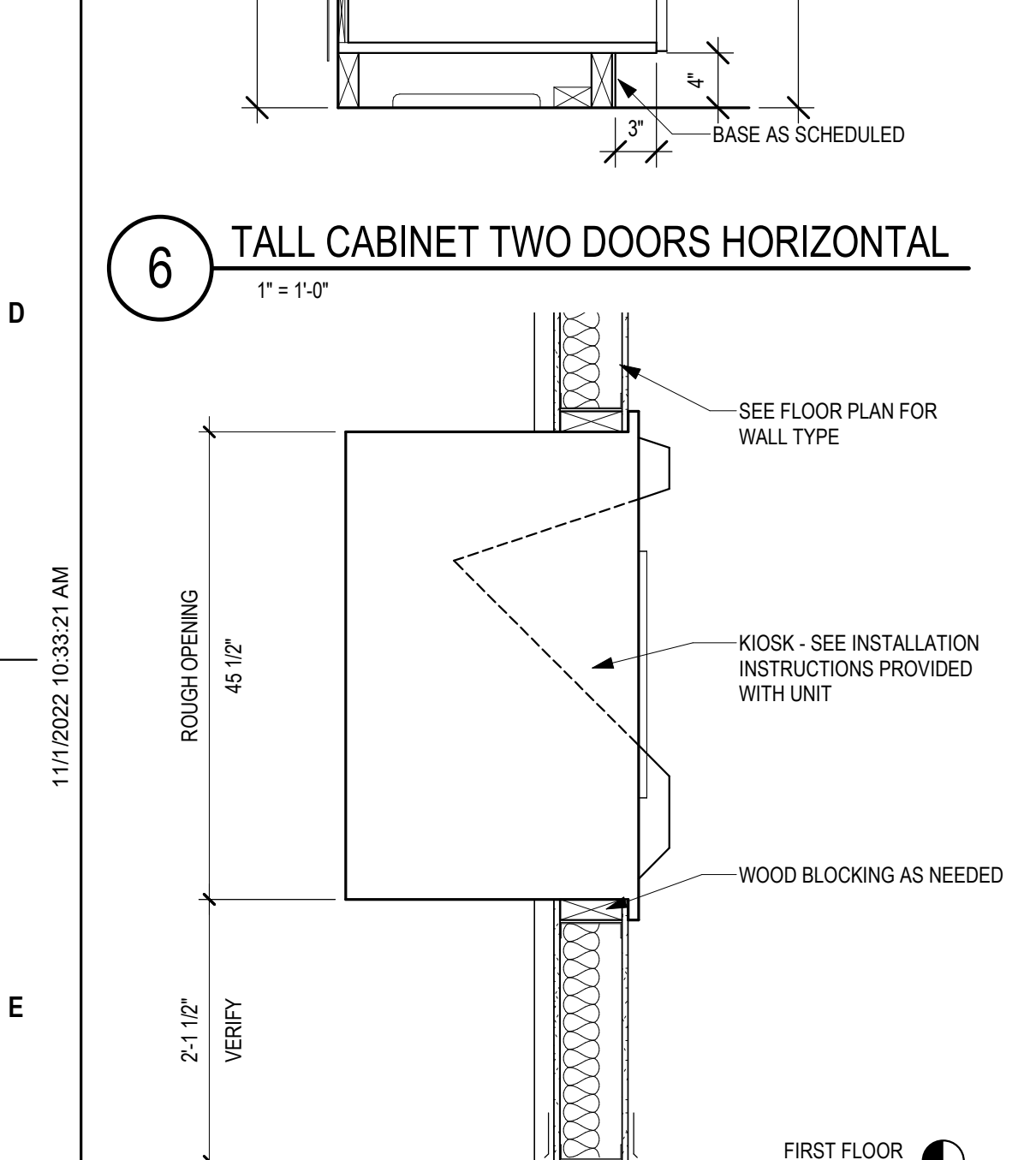
<b>CONSULTANT</b> MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL <b>IMEG CORP.</b> 14755 PRESTON RD STE 845 DALLAS, TX 75254 (209) 786-5075		<b>GEOTECHNICAL:</b> <b>AET</b> 1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397		<b>COST ESTIMATING:</b> <b>CPMI</b> 3265 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663		<b>ARCHITECT/ENGINEER OF RECORD</b> <b>ANDERSON</b> 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com Anderson Engineering of Minnesota, LLC   Proj # 16409		<b>STAMP</b> 		<b>Office of Construction and Facilities Management</b> <b>VA</b> U.S. Department of Veterans Affairs		Drawing Title <b>DETAILS</b> Approved:		Phase <b>BID DOCUMENTS SUBMITTAL</b>		Project Title <b>BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS</b>		Project Number <b>884-CM-3015</b> Building Number <b>1001</b> Drawing Number <b>AE501-1001</b> 32 OF 84	
<b>Revisions:</b>		<b>Date:</b>		<b>Location:</b> STURGIS, SOUTH DAKOTA		<b>Issue Date:</b> 10/31/2022		<b>Checked:</b> LA		<b>Drawn:</b> MMM									



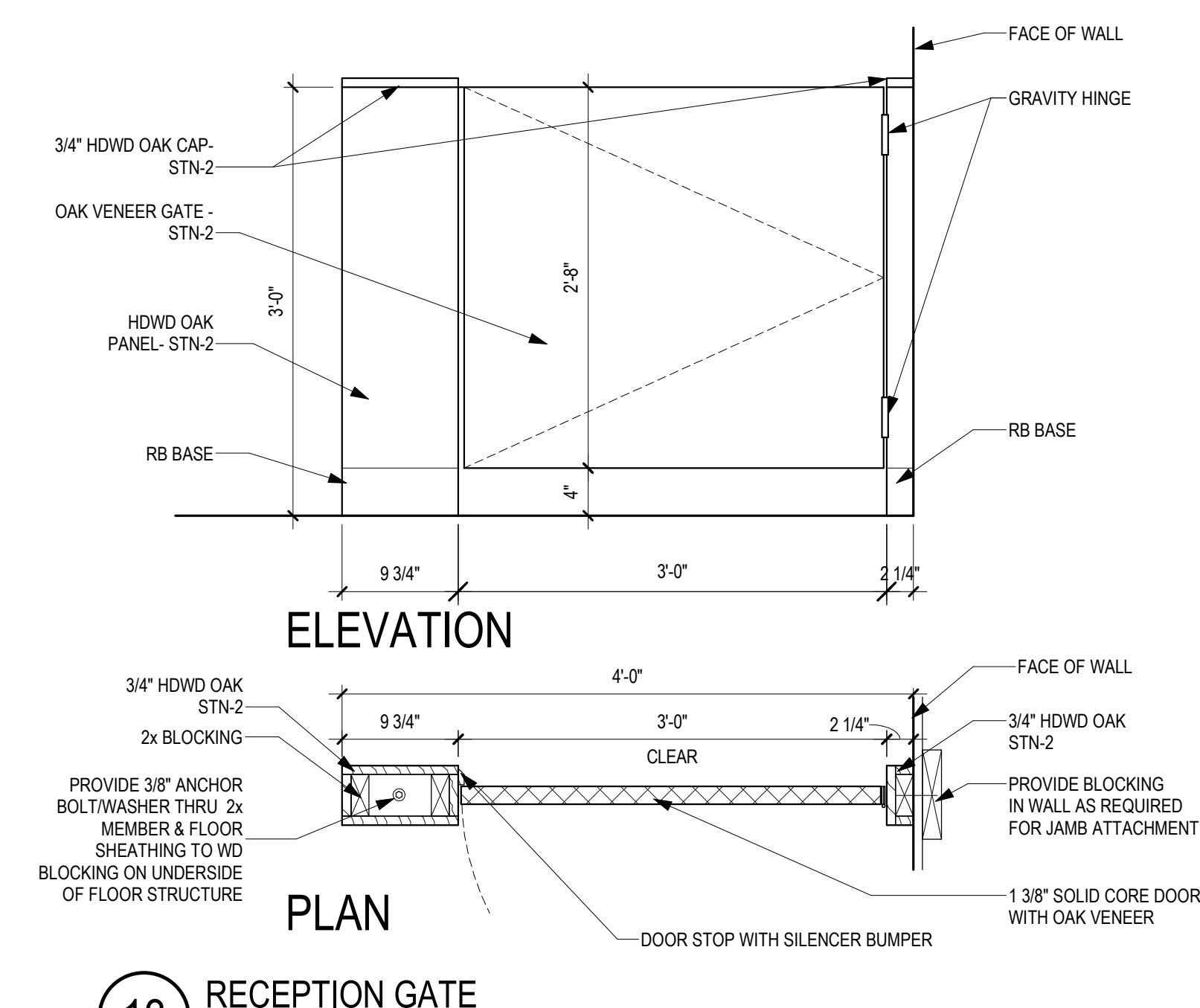
1 BASE CABINET 1" = 1'-0"  
 2 BASE CABINET DRAWER & DOOR 1" = 1'-0"  
 3 BASE CABINET OPEN 1" = 1'-0"  
 4 CABINET WITH SINK AND APRON 1" = 1'-0"  
 5 SECTION - BASE CABINET WITH DOOR & OPEN SHELF 1" = 1'-0"



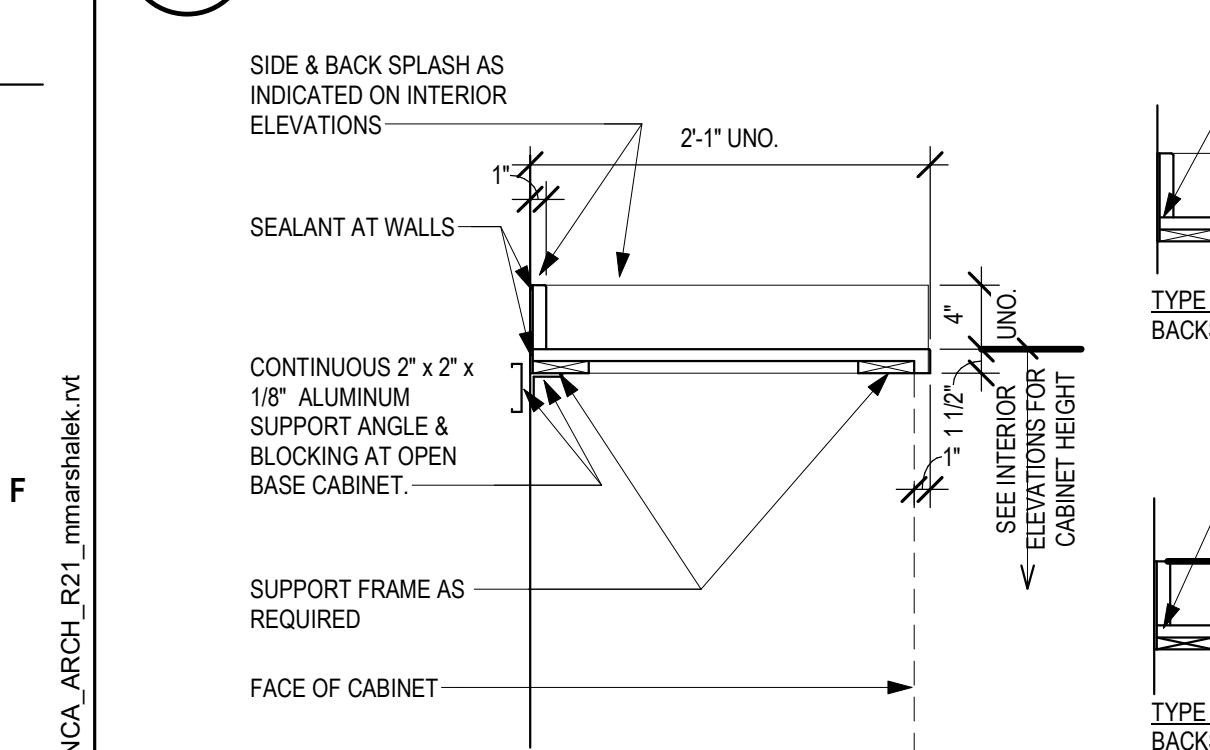
6 TALL CABINET TWO DOORS HORIZONTAL 1" = 1'-0"  
 7 SECTION @ LAVATORY TOP 1" = 1'-0"  
 8 WALL CABINET WITH DOOR 1" = 1'-0"  
 9 WALL CABINET OPEN SHELF 1" = 1'-0"  
 10 COUNTERTOP SUPPORT BRACKET AND BACKING 1" = 1'-0"  
 11 SECTION DETAIL INTERIOR - TYPICAL ROD AND SHELF 1 1/2" = 1'-0"



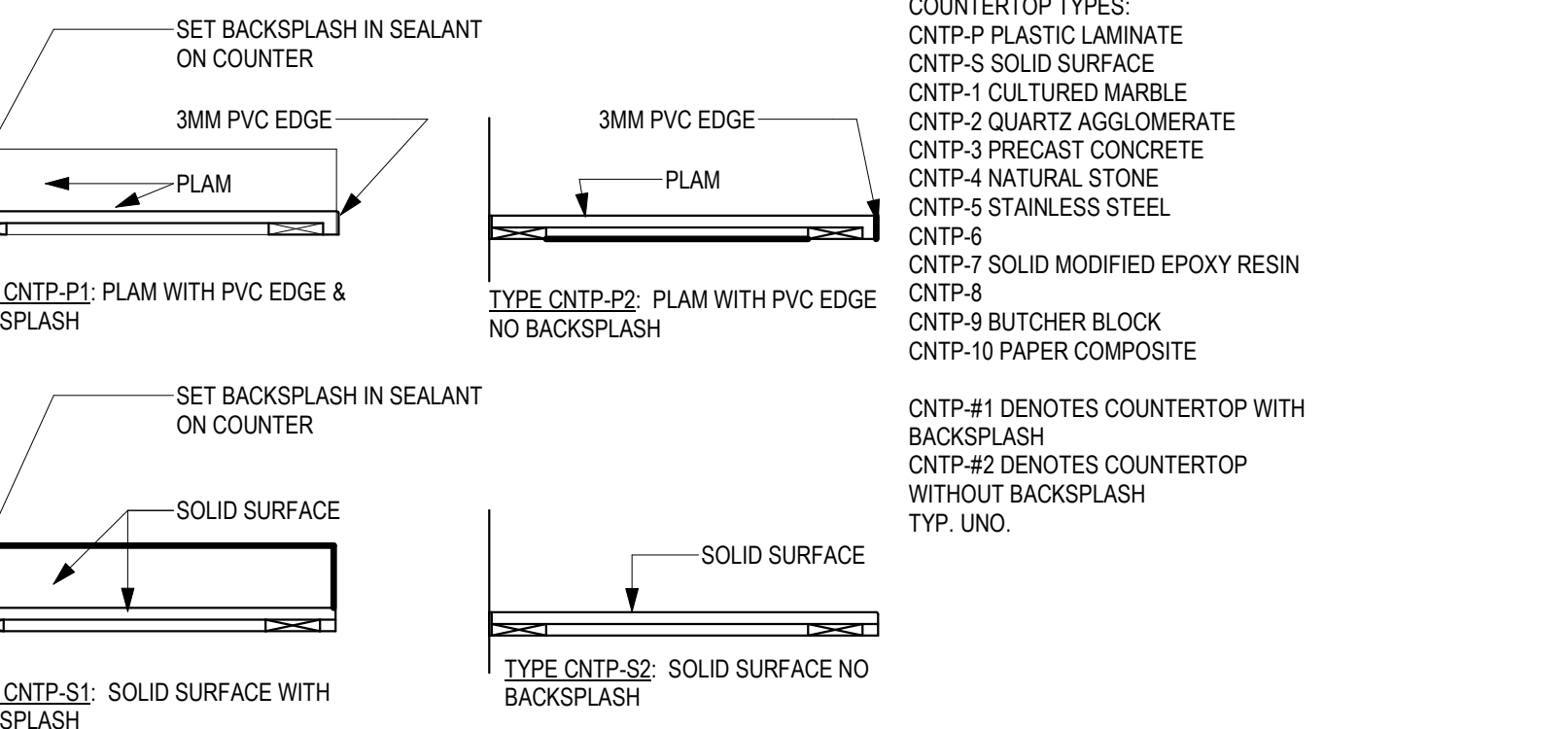
12 SECTION THRU KIOSK 3/4" = 1'-0"



13 RECEPTION GATE 1" = 1'-0"



14 COUNTERTOP TYPES (CNTP) 1" = 1'-0"



COUNTERTOP TYPES:  
 CNTP-P: PLASTIC LAMINATE  
 CNTP-S: SOLID SURFACE  
 CNTP-1: CULTURED MARBLE  
 CNTP-2: QUARTZ AGGLOMERATE  
 CNTP-3: PRECAST CONCRETE  
 CNTP-4: NATURAL STONE  
 CNTP-5: STAINLESS STEEL  
 CNTP-6: CNTP-7 SOLID MODIFIED EPOXY RESIN  
 CNTP-8: CNTP-9 BUTCHER BLOCK  
 CNTP-10: PAPER COMPOSITE  
 CNTP-#1 DENOTES COUNTERTOP WITH BACKSPLASH  
 CNTP-#2 DENOTES COUNTERTOP WITHOUT BACKSPLASH  
 TYP. UNO.

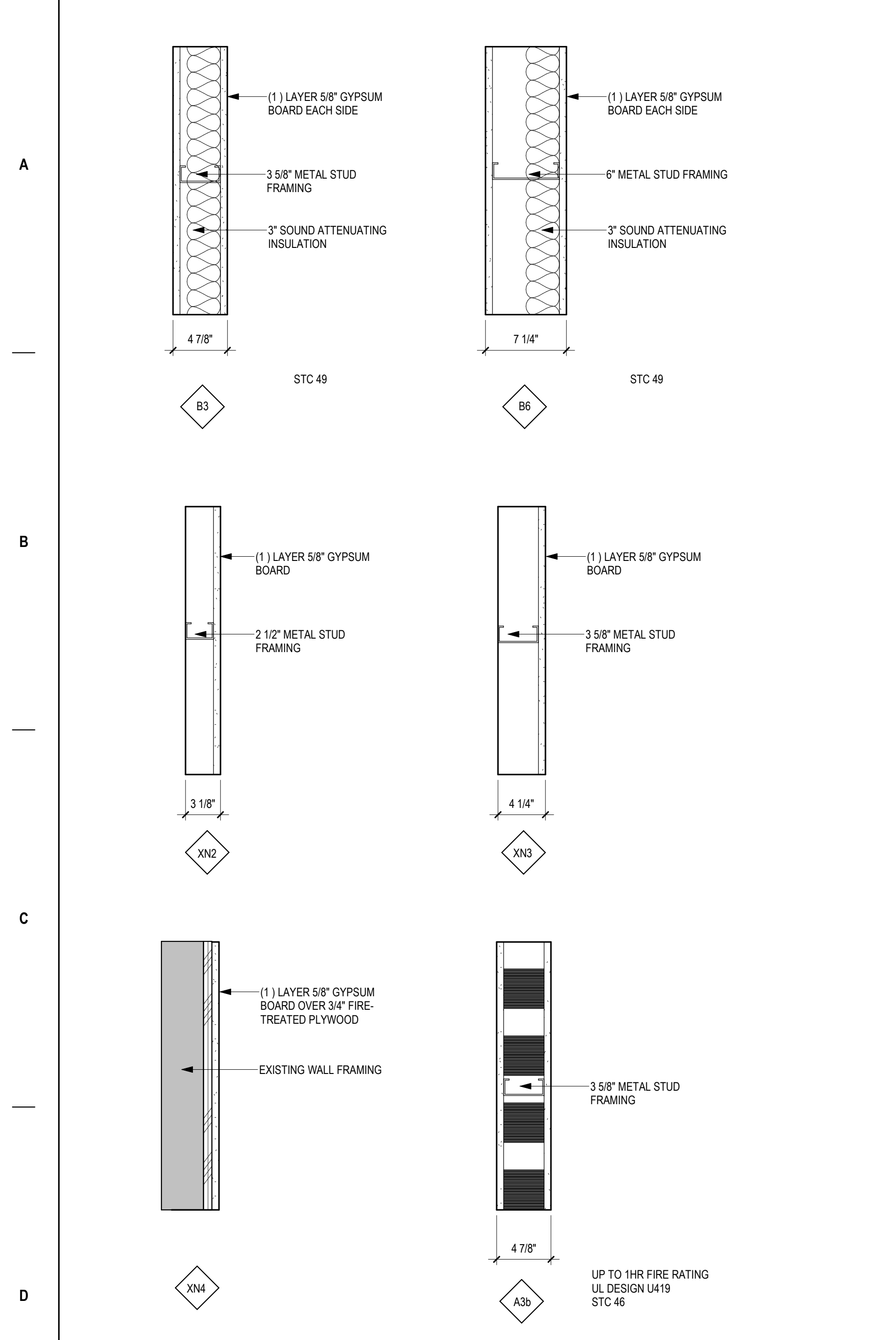
<p><b>ACCESSIBLE TOILET WATER CLOSETS</b>                  1. SANITARY NAPKIN DISPOSAL. PROVIDE AT UNISEX &amp; WOMEN'S PATIENT BATHROOMS ONLY.                  2. DISPENSERS MAY NOT BE LOCATED BEHIND GRAB BARS.                  * AT TOILET COMPARTMENTS                  ** AT TOILET COMPARTMENTS AND SINGLE OCCUPANCY</p>	<p><b>ACCESSIBLE LAVATORY BASIN/BATHROOMS</b>                  1. SEE PLAN FOR SPECIFIC LOCATION CONDITION                  2. SIDS &amp; PTC - VC                  3. * KNEE CLEARANCE                  4. SEE ACCESSIBLE MIRROR AT LAV FOR ADDITIONAL INFORMATION</p>	<p><b>ACCESSIBLE MIRROR</b>                  1. SEE INTERIOR ELEVATIONS FOR MIRROR SIZE</p>	<p><b>ACCESSIBLE SOAP AND HAND SANITIZER DISPENSER</b></p>	<p><b>ACCESSIBLE PTD</b></p>	<p><b>ACCESSIBLE URINAL</b></p>
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<p><b>HOUSEKEEPING/EVS CLOSET</b>                  1. UTILITY SHELF 24" LONG UNO                  2. WATER CONTROLS AND SERVICE RECEPTOR - SEE MECHANICAL</p>	<p><b>FLAT TV SCREEN/ MONITORS</b>                  PROVIDE PARTITION BLOCKING</p>	<p><b>PC MOUNTING BRACKET</b>                  ADJUSTABLE VERTICAL SLIDE MONITOR BRACKET</p>	<p><b>WALL CLOCK</b>                  -SEE ELECTRICAL DRAWINGS</p>	<p><b>CARD READER</b>                  - SEE ELECTRICAL AND COMMUNICATION DRAWINGS</p>	<p><b>WALL PHONE</b></p>	<p><b>SANITARY NAPKIN DISPOSAL</b>                  1. SANITARY NAPKIN DISPOSAL. PROVIDE AT UNISEX &amp; WOMEN'S PATIENT BATHROOMS ONLY.</p>
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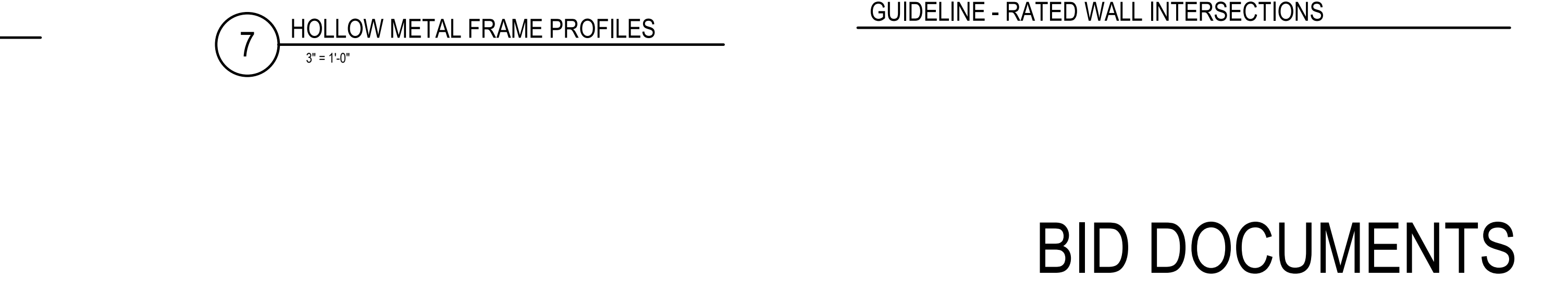
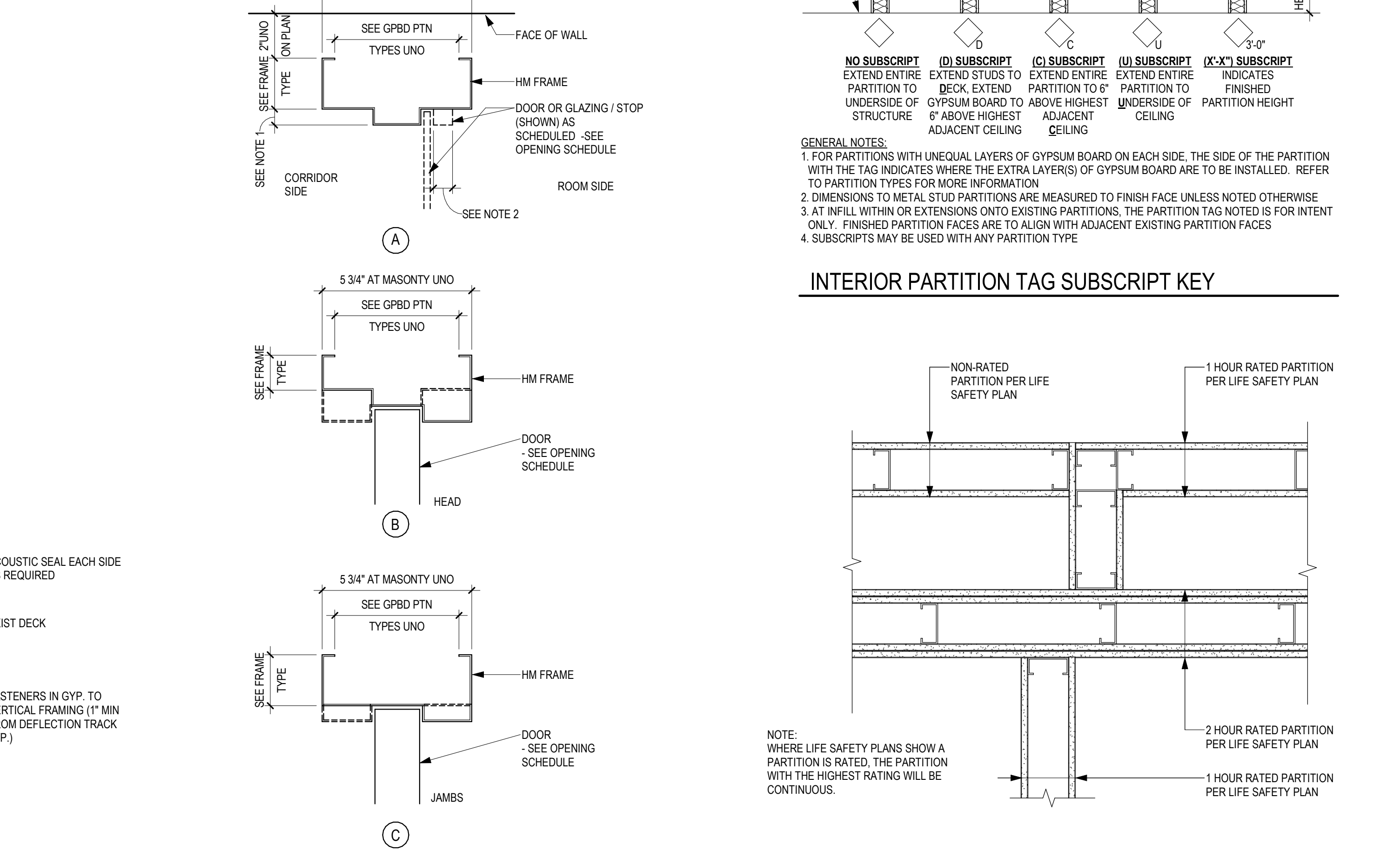
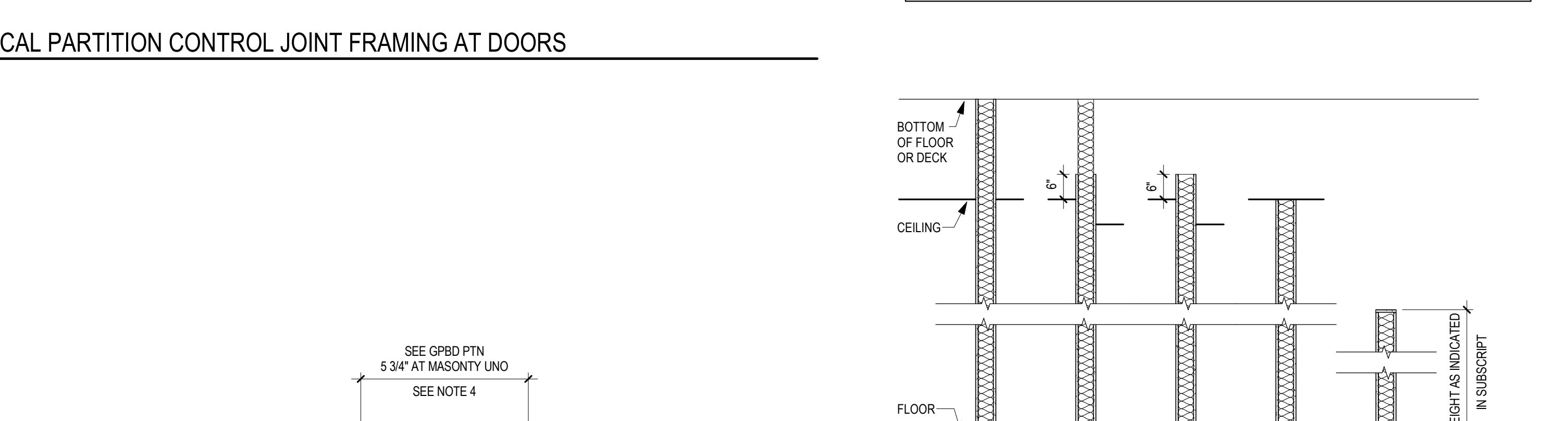
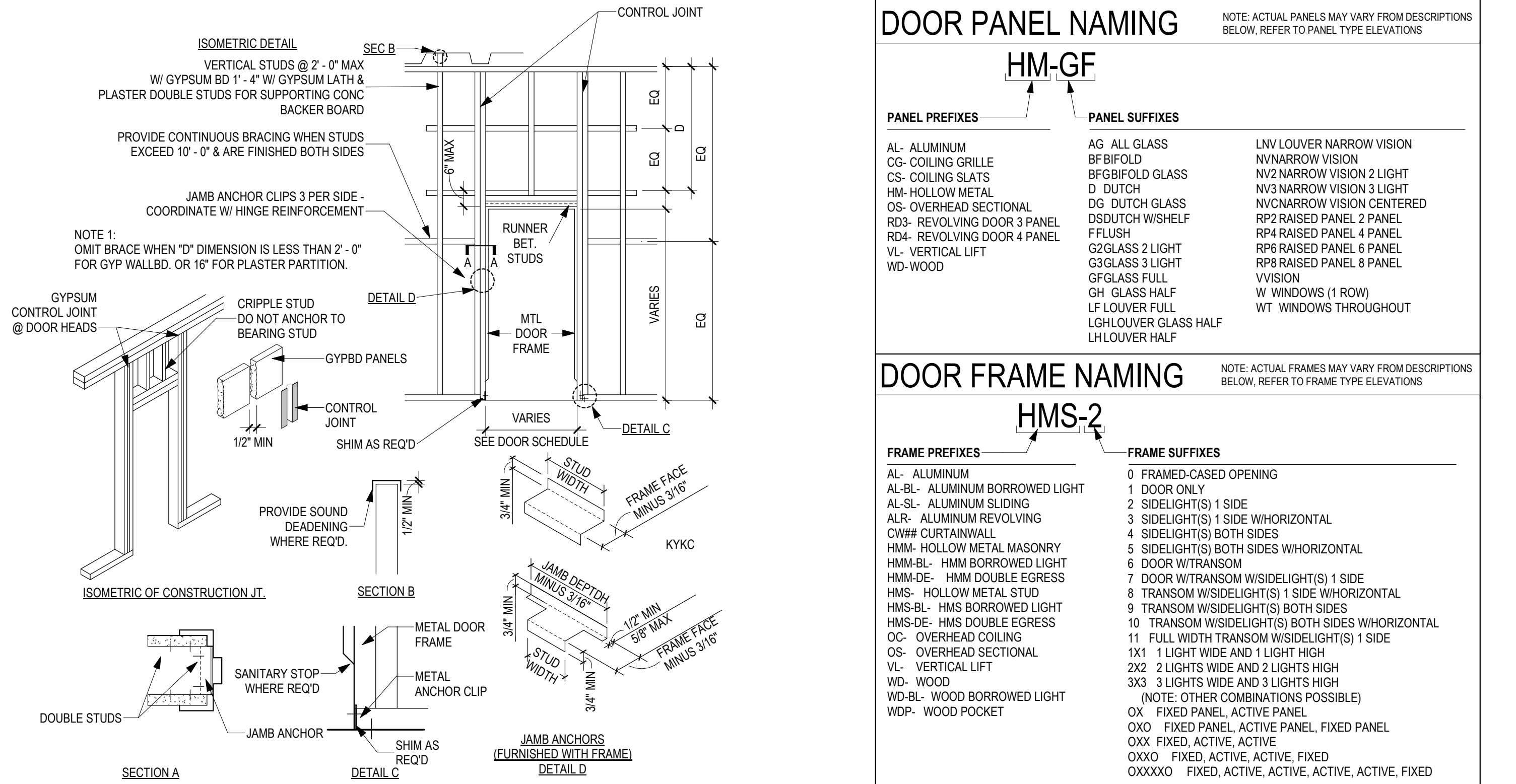
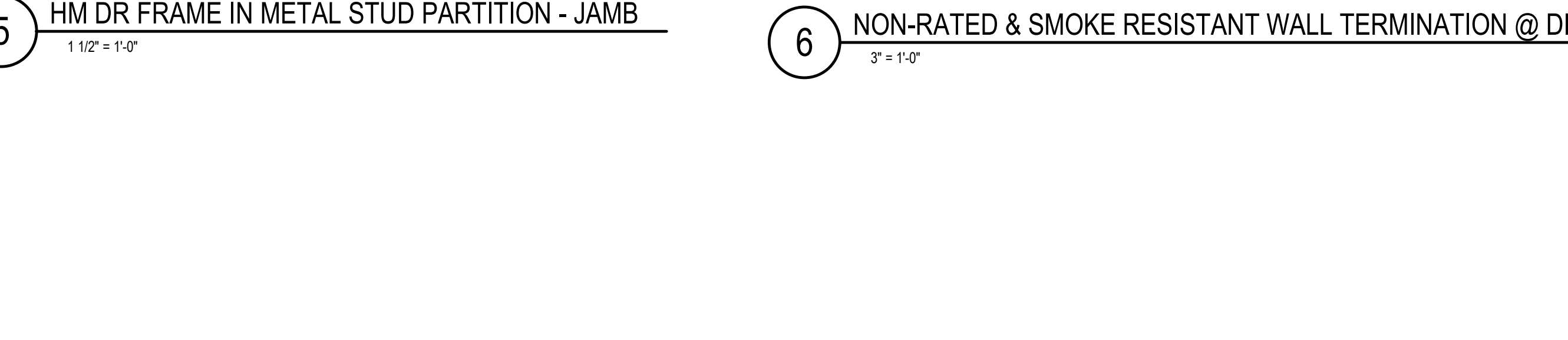
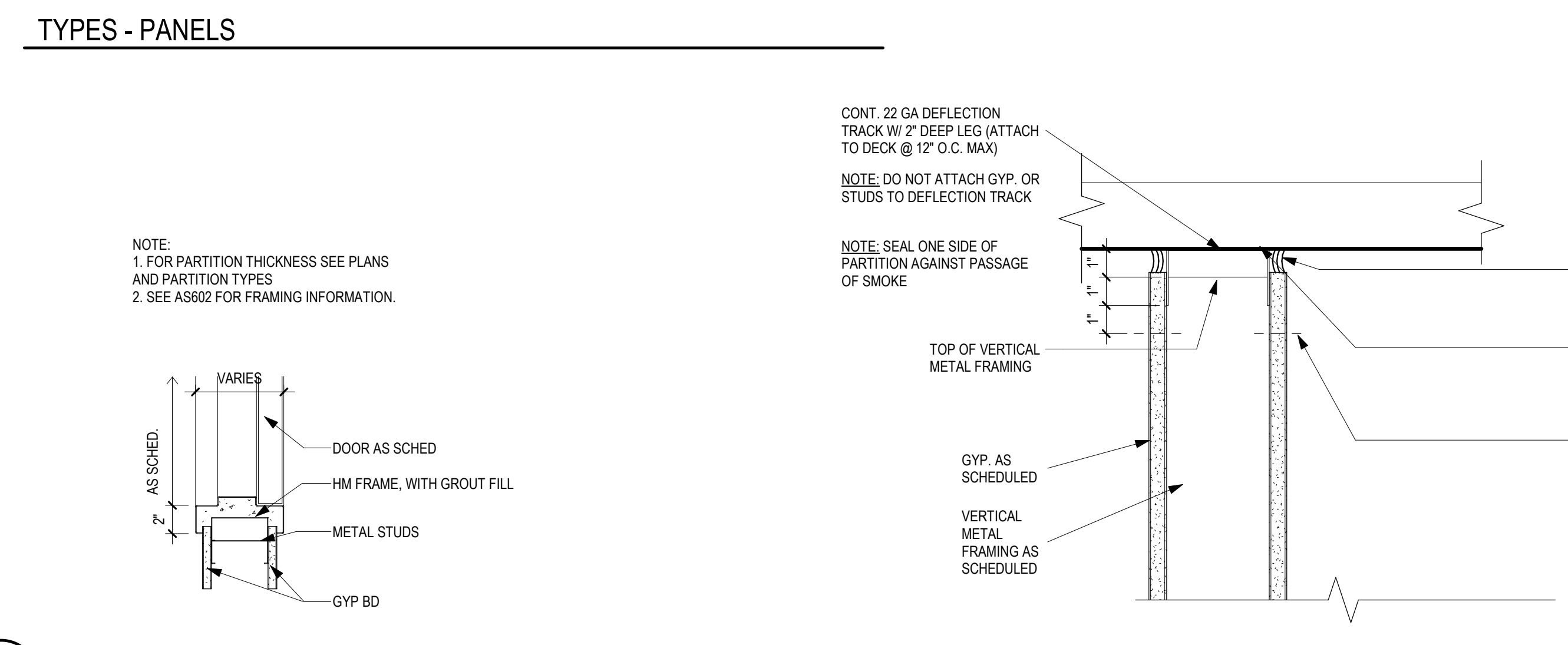
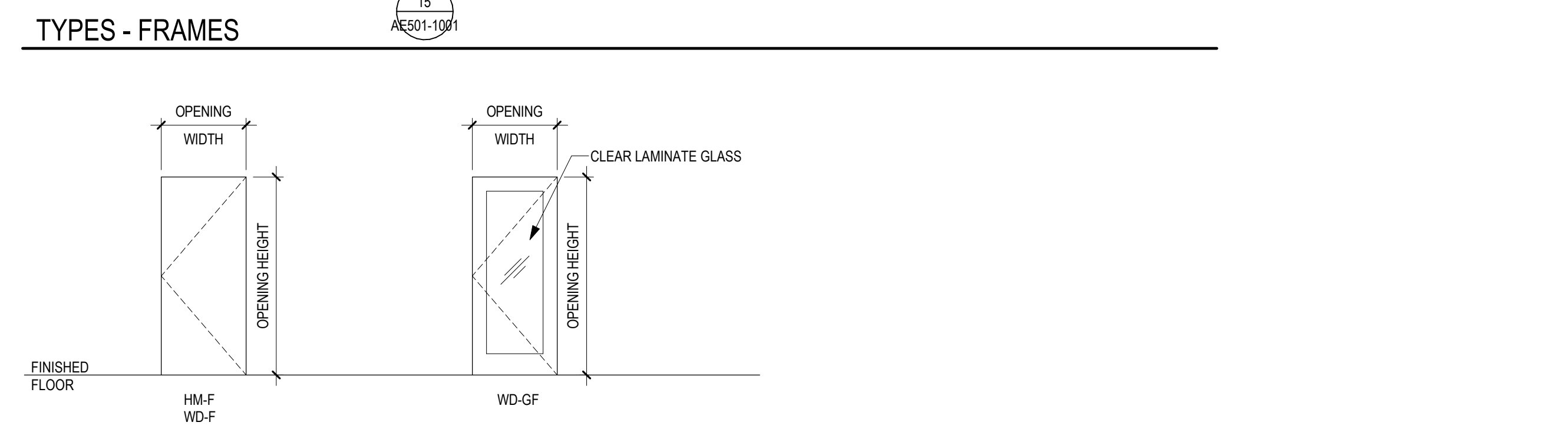
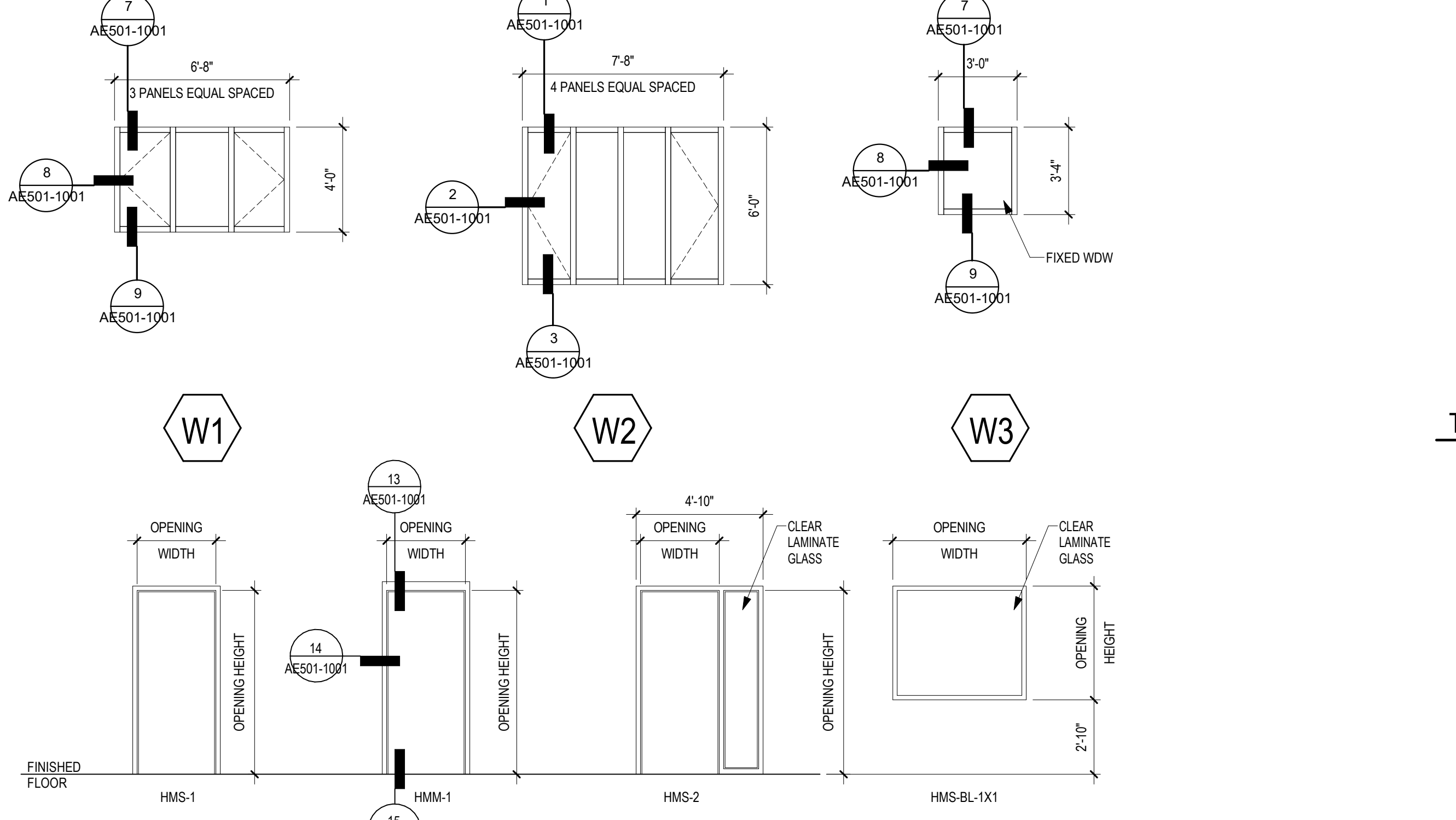
TYPICAL MOUNTING HEIGHTS

# BID DOCUMENTS

<p><b>CONSULTANT</b>                  MECHANICAL, ELECTRICAL, TECHNOLOGY &amp; STRUCTURAL  <b>IMEG CORP.</b>                  14755 PRESTON RD STE 845                  DALLAS, TX 75254                  (202) 786-5075</p>	<p><b>GEOTECHNICAL:</b>                  AET                  1745 SAMCO RD                  RAPID CITY, SD 57702                  (605) 223-4397</p>	<p><b>COST ESTIMATING:</b>                  CPMI                  3265 NORTHWOOD CIR STE 170                  EAGAN, MN 55121                  (952) 854-3663</p>	<p><b>ARCHITECT/ENGINEER OF RECORD</b>  <b>ANDERSON</b>                  13605 1st Ave. N. #100 Plymouth, MN 55441                  P 763.412.4000   F 763.412.4090   ae-mn.com                  Anderson Engineering of Minnesota, LLC   Proj # 16409</p>	<p><b>STAMP</b>                    DATE: 10/31/2022                  License # 9335</p>	<p><b>Office of Construction and Facilities Management</b>  <b>VA</b> U.S. Department of Veterans Affairs</p>	<p><b>Drawing Title</b>                  INTERIOR DETAILS AND TYPICAL MOUNTING HEIGHTS  <b>Approved:</b></p>	<p><b>Phase</b>                  BID DOCUMENTS SUBMITTAL</p>	<p><b>Project Title</b>                  BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS  <b>Location</b>                  STURGIS, SOUTH DAKOTA</p>	<p><b>Project Number</b>                  884-CM-3015  <b>Building Number</b>                  1001  <b>Drawing Number</b>                  AE550-1001                  33 OF 84</p>
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OPENING SCHEDULE											
ASSOCIATED ROOMS		OPENING		PANEL INFORMATION			FRAME INFORMATION				
FROM ROOM NAME	TO ROOM NAME	NUMBER	WIDTH	HEIGHT	PANEL TYPE	2ND PANEL TYPE	PANEL GLAZING	FRAME TYPE	FRAME GLAZING	HW/UG GROUP	COMMENTS
LOBBY	VESTIBULE/ INFO CENTER	1A	3'-0"	7'-0"	EXISTING	-	-	EXIST	-	HW-3	MODIFY EXIST DOOR HOWE TO ACCOMMODATE CARD READER
VESTIBULE/ INFO CENTER	EXTERIOR	1B	3'-0"	7'-0"	EXISTING	-	-	EXIST	-	HW-14	PROVIDE CARD READER
LOBBY	KIOSK	2	2'-0"	7'-0"	WD-F	-	NONE	HMS-1	NONE	HW-2	
OPEN OFFICE	ADMIN OFFICE	3	3'-0"	7'-0"	WD-F	-	NONE	HMS-1	NONE	HW-11	
OPEN OFFICE	DIRECTORS OFFICE	4	3'-0"	7'-0"	WD-F	-	NONE	HMS-1	NONE	HW-11	
OPEN OFFICE	UNISEX TOILET	5	3'-0"	7'-0"	WD-F	-	NONE	HMS-1	NONE	HW-13	
OPEN OFFICE	HAC	6	3'-0"	7'-0"	WD-F	-	NONE	HMS-1	NONE	HW-7	
OPEN OFFICE	UNIFORM STORAGE	7	3'-0"	7'-0"	WD-F	-	NONE	HMS-1	NONE	HW-7	
CORRIDOR	EXTERIOR	11	3'-0"	7'-0"	HM-F	-	NONE	HMS-1	NONE	HW-2.1	PROVIDE CARD READER
CORRIDOR	CONFERENCE / TRAINING	12	3'-0"	7'-0"	WD-GF	-	NONE	HMS-2	NONE	HW-11.1	
CORRIDOR	CONFERENCE / TRAINING	12A	6'-0"	4'-0"	NO PANEL	-	NONE	WD-BL-1X1	FG-X		BORROWED LITE
CORRIDOR	CONFERENCE / TRAINING	12B	6'-0"	4'-0"	NO PANEL	-	NONE	WD-BL-1X1	FG-X		BORROWED LITE
HALL	DATA	802	3'-0"	7'-0"	HM-F	-	NONE	HMS-1	NONE	HW-2	45 X PROVIDE CARD READER
HALL	ELEC	803	3'-0"	7'-0"	HM-F	-	NONE	HMS-1	NONE	HW-2	45 X PROVIDE CARD READER
HALL	STORAGE	808	3'-0"	7'-0"	HM-F	-	NONE	HMS-1	NONE	HW-2	45 X PROVIDE CARD READER



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<b>CONSULTANT</b> MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL IREG CORP. 14755 PRESTON RD STE 845 DALLAS, TX 75254 (202) 786-5075		<b>GEOTECHNICAL:</b> AET 1745 SAMCO RD RAPID CITY, SD 57202 (605) 223-4397		<b>COST ESTIMATING:</b> CPMI 3265 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663		<b>ARCHITECT/ENGINEER OF RECORD</b> <b>ANDERSON</b> 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com Anderson Engineering of Minnesota, LLC   Proj # 16409		<b>STAMP</b> DATE: 10/31/2022 License # 9335		Office of Construction and Facilities Management U.S. Department of Veterans Affairs		Drawing Title <b>DOOR SCHEDULE AND ELEVATIONS</b> Approved:		Phase <b>BID DOCUMENTS SUBMITTAL</b>		Project Title <b>BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS</b>		Project Number <b>884-CM-3015</b> Building Number <b>1001</b> Drawing Number <b>AE602-1001</b> 34 OF 84	
Revisions:		Date:		Issue Date 10/31/2022		Checked LA		Drawn MMM		Location STURGIS, SOUTH DAKOTA		Issue Date 10/31/2022		Checked LA		Drawn MMM			

# BID DOCUMENTS

### FINISH PLAN GENERAL NOTES

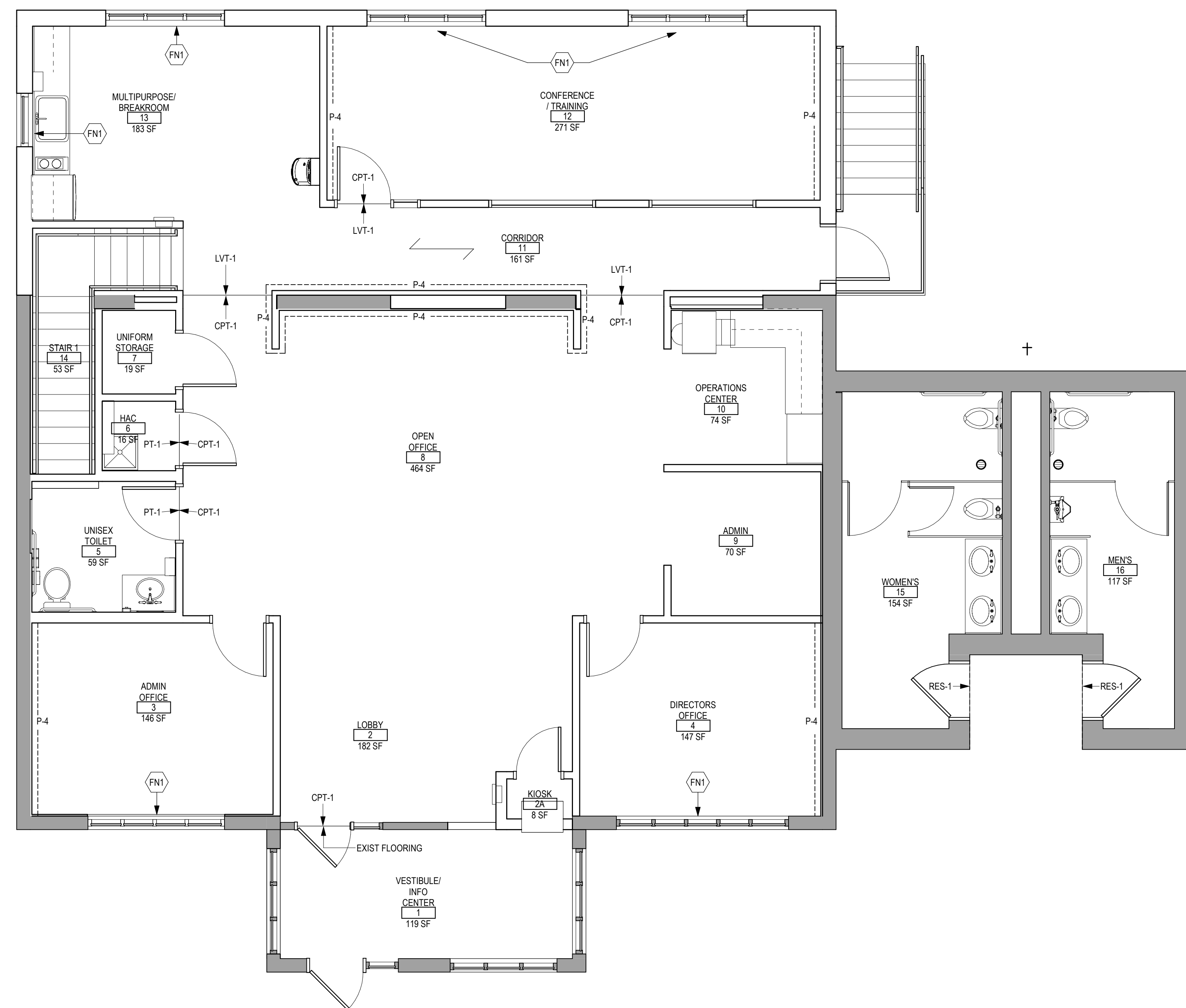
- REFER TO PROJECT MANUAL SPECIFICATION SECTION 09 06 00 'SCHEDULE FOR FINISHES' FOR SPECIFIC PRODUCT SELECTION BASIS OF DESIGN AND OTHER REQUIREMENTS
- FIELD FINISH VENTS, GRILLES, ACCESS PANELS, PLUG STRIP, BASEBOARD RADIATION ENCLOSURES, ELECTRICAL PANEL BOARDS (IN FINISHED SPACES) TO MATCH SURFACE ON WHICH THEY OCCUR UNLESS OTHERWISE INDICATED. EXCEPTION: ITEMS WITH FACTORY WHITE FINISH OCCURRING ON WHITE ACT OR WHITE GYPSUM BOARD CEILING SHALL NOT BE PAINTED. STAINLESS STEEL ITEMS SHALL NOT BE PAINTED
- FIELD VERIFY ALL NEW CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO INSTALLATION
- LOCATE CHANGES IN FLOOR FINISH MATERIAL UNDER CENTERLINE OF CLOSED DOOR UNLESS OTHERWISE INDICATED
- PROVIDE CLEAR SILICONE SEALANT AT PERIMETER OF PLUMBING FLOOR DRAINS, CLEAN OUTS, ETC IN RESILIENT AND CERAMIC TILE FLOORS. COLOR TO MATCH GROUT COLOR
- PROVIDE SEALANT TO HORIZONTAL AND VERTICAL INTERIOR CERAMIC TILE CORNERS. COLOR TO MATCH GROUT COLOR
- PROVIDE SEALANT AT JOINT BETWEEN COUNTER TOP, BACK OR SIDE SPLASH AND WALLS
- PROVIDE CLEAR SILICONE SEALANT AT THE BASE OF DOOR FRAME TO RESILIENT AND CT FLOORING. TYP. SEE PLANS AND ROOM FINISH SCHEDULE FOR FLOOR FINISH LOCATIONS
- HOLLOW METAL DOORS AND FRAMES TO BE PAINTED UNLESS NOTED OTHERWISE IN THE OPENING SCHEDULE
- WOOD: PRE-FINISHED TO MATCH BUILDING STANDARD, REFER TO SPECIFICATION
- CEILING HEIGHTS AND MATERIALS/FINISHES CALLED OUT IN ROOM FINISH SCHEDULE ARE FOR ENTIRE CEILING OR MAJORITY OF THAT ROOM, UNLESS OTHERWISE INDICATED. SEE REFLECTED CEILING PLAN FOR CHANGES IN CEILING MATERIAL AND CEILING HEIGHT. PAINT ALL SURFACES OF SAME COLOR AS INDICATED
- COLOR SELECTIONS ARE BASED ON USE OF PRODUCTS INDICATED IN THE PROJECT MANUAL SPECIFICATION. IF MANUFACTURERS OTHER THAN THOSE INDICATED ARE USED, ARCHITECT MAY REVISE COLOR SELECTIONS OF OTHER FINISHES TO ENSURE PROPER COORDINATION
- PAINT ALL FIRE EXTINGUISHER CABINETS TO MATCH COLOR OF THE ADJACENT WALLS
- CEILING HEIGHTS ARE MEASURED FROM FINISH FLOOR
- FOR FLOOR FINISH MATERIALS AND PATTERN, SEE FINISH PLAN
- SEE INTERIOR ELEVATIONS FOR MORE FINISH INFO

### ROOM FINISH LEGEND & ABBREVIATIONS

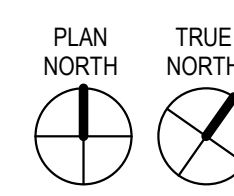
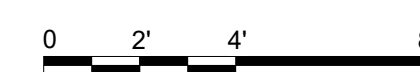
SYMBOL	SIGN TAG	KEYNOTE
◁ NC-01 ▷		
CPT →	← VCT	←
ACCENT PAINT		
ACT	ACOUSTICAL CEILING (TILE)	
CPT	MODULAR CARPET TILE	
GWB	(SC) GYPSUM WALLBACK SYSTEMS (SPECIAL COATING)	
LVT	LUXURY VINYL TILE	
P	PAINT	
PLAM	PLASTIC LAMINATE	
PT	PORCELAIN TILE (FLOOR AND BASE)	
RB	RESILIENT BASE	
RES	RESINOUS EPOXY FLOORING	
RES-W	RESINOUS/EPPOXY WALL/CEILING	
RF	RUBBER FLOORING	
RST	RUBBER STAIR TREADS	
S	SOLID SURFACE	
SC	SPECIAL COATING	
SP	SPECIAL FACED	
WS	WINDOW SHADE	
WSF	WELDED SEAM SHEET FLOORING (HEAT WELDED WITH ROD)	
NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN		

### FINISH PLAN KEYED NOTES

(FN1)	INSTALL VERTICAL BLINDS
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN	



**1 FIRST LEVEL FINISH PLAN**  
1/4" = 1'-0"



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# BID DOCUMENTS

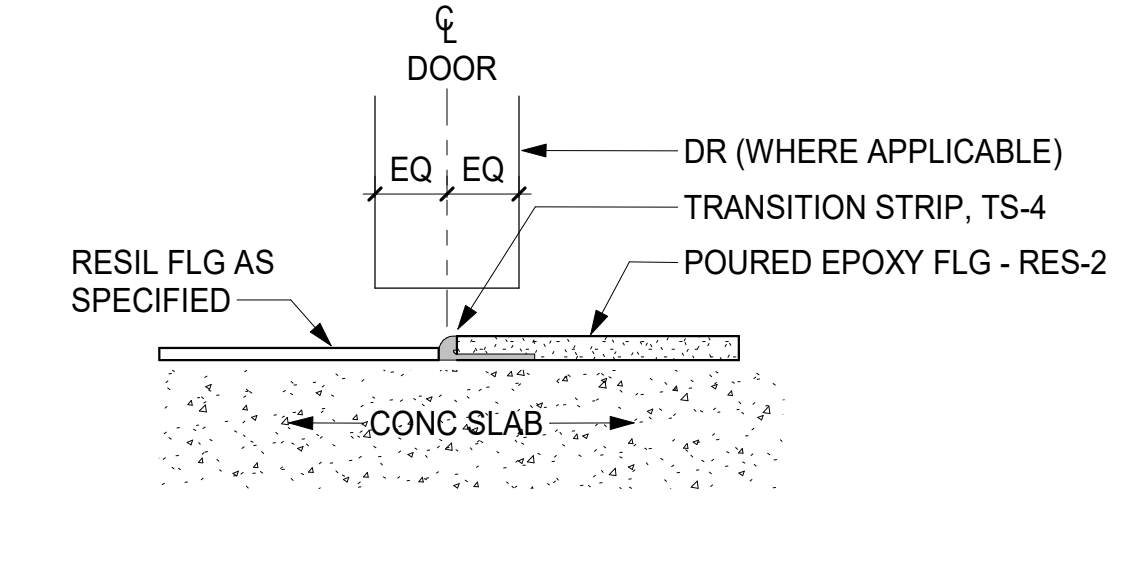
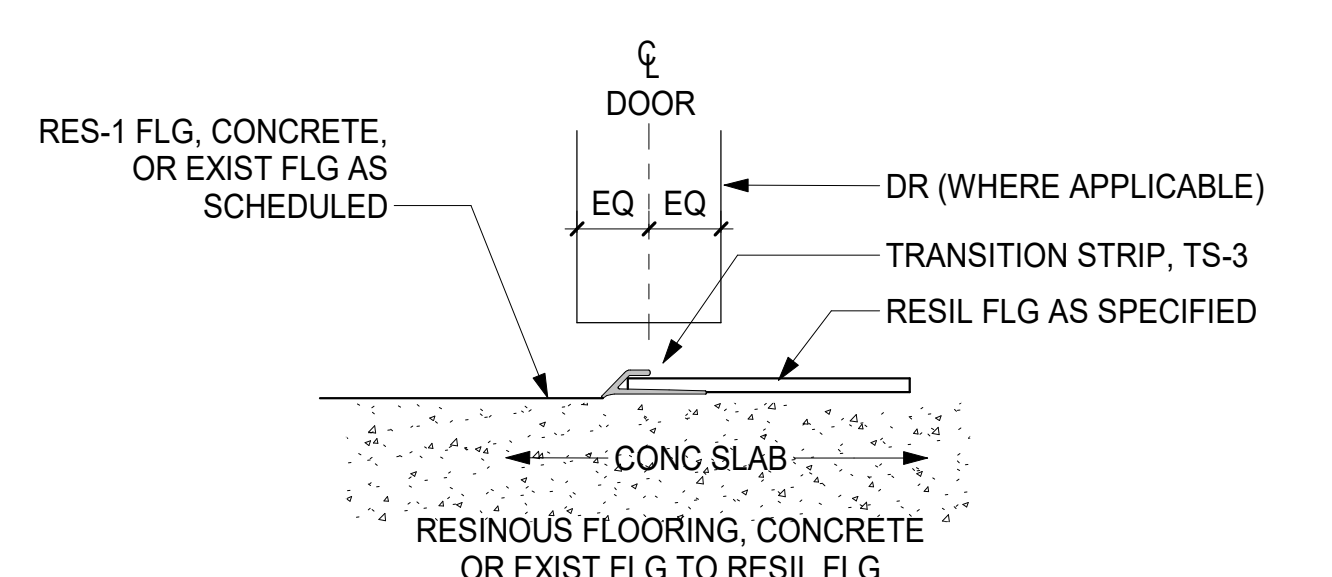
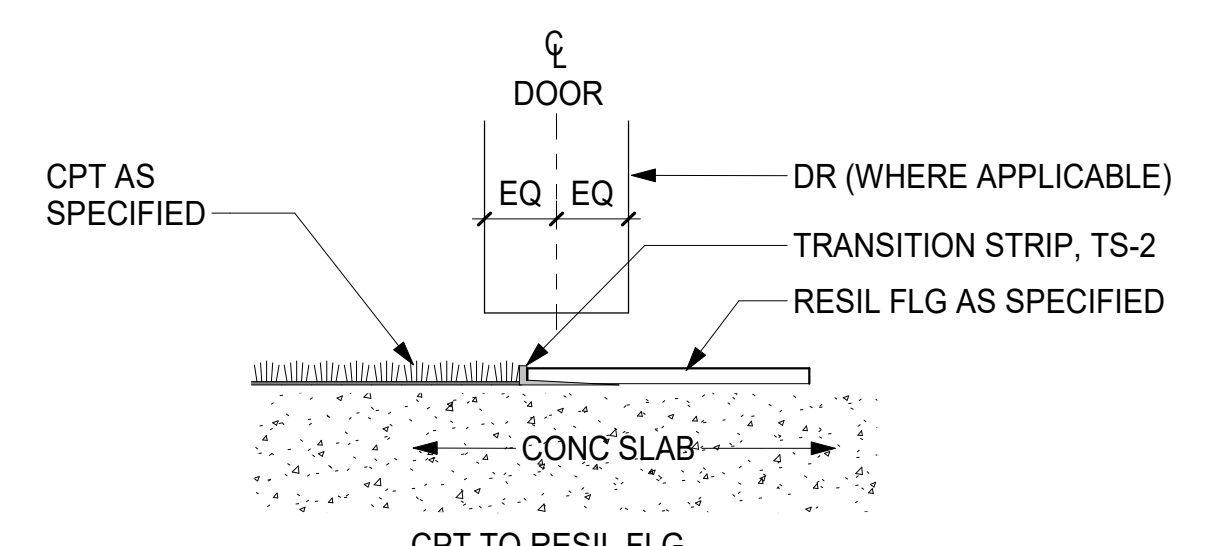
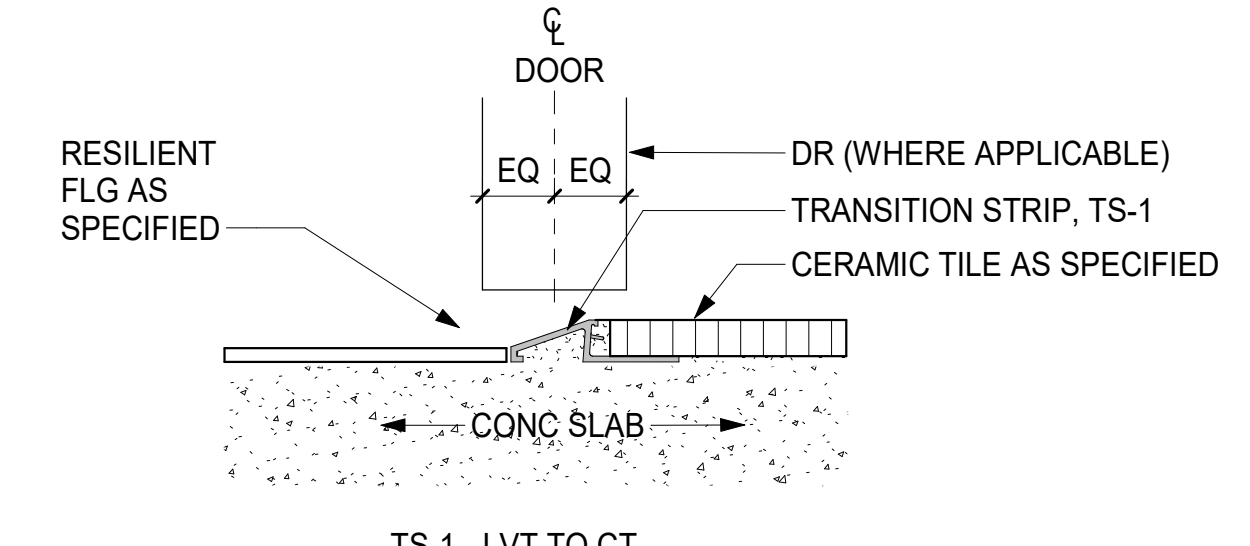
<b>CONSULTANT</b> MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL <b>IMEG CORP.</b> 14755 PRESTON RD STE 845 DALLAS, TX 75254 (309) 786-5075	<b>GEOTECHNICAL:</b> AET 1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397	<b>COST ESTIMATING:</b> CPMI 3265 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663	<b>ARCHITECT/ENGINEER OF RECORD</b>  <b>ANDERSON</b> 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com Anderson Engineering of Minnesota, LLC   Proj # 16409	<b>STAMP</b>  DATE: 10/31/2022 License # 9335	Office of Construction and Facilities Management  <b>VA</b> U.S. Department of Veterans Affairs	Drawing Title <b>FIRST LEVEL FINISH PLAN</b>	Phase <b>BID DOCUMENTS SUBMITTAL</b>	Project Title <b>BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS</b>	Project Number <b>884-CM-3015</b>
						Approved:	Location STURGIS, SOUTH DAKOTA	Issue Date 10/07/2022	Checked MRP

MATERIAL SCHEDULE

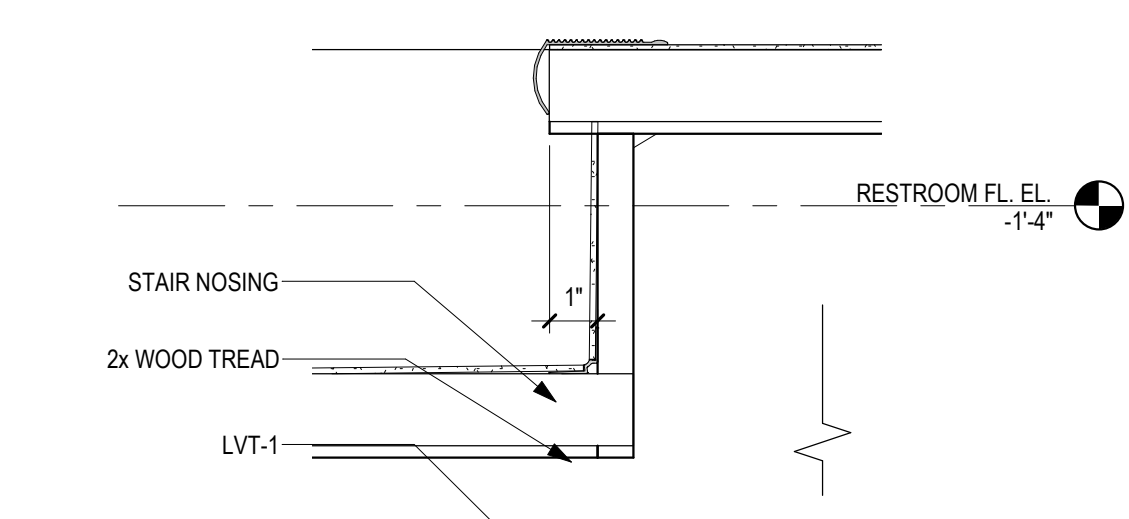
SPEC...	CODE	MATERIAL	MANUFACTURER	STYLE	COLOR	SIZE	REMARKS
09 30 00	TS-1	METAL TRANSITION STRIP	SCHLUTER SYSTEMS	RENO-U	SATIN NICKEL ANODIZED	TBD BY INSTALLER	
	TS-2	METAL TRANSITION STRIP	POWERHOLD	NO LP RAMP	EA ALUMINUM	TBD BY INSTALLER	
	TS-3	METAL TRANSITION STRIP	POWERHOLD	LVT BEVEL CAP	EA ALUMINUM	TBD BY INSTALLER	
	TS-4	METAL TRANSITION STRIP	ANY	TERRAZO TYPE DIVIDER STRIP	MIL FINISH	TBD BY INSTALLER	
09 30 13	TR-1	METAL TRANSITION STRIP	SCHLUTER SYSTEMS	QUADEC	SATIN NICKEL ANODIZED	TBD BY INSTALLER	INSTALL ABOVE COVE BASE
	PT-1	PORCELAIN CERAMIC TILE	CROSSVILLE	PORTUGAL	MADERA RESERVE PTG06.11224UPS	12" X 24"	GROUT: BOSTIK DELOREAN GRAY #160
	PT-2	PORCELAIN CERAMIC TILE	CROSSVILLE	JAVA JOINT	TWO SUGARS JAV01.11224UPS	12" X 24"	GROUT: BOSTIK WHITE #152
	PT-3	PORCELAIN CERAMIC TILE	CROSSVILLE	PORTUGAL	MADERA RESERVE MOSAIC PTG06.10202UMOS	2" X 2"	GROUT: BOSTIK DELOREAN GRAY #160
09 65 13	RB-1	RESILIENT BASE	TARKETT	JOHNSONITE TRADITIONAL WALL BASE	32 PEBBLE	4"	RUBBER
	RB-2	RESILIENT BASE	TARKETT	JOHNSONITE TRADITIONAL WALL BASE	TB1 PEPPERCORN	4"	RUBBER
09 65 19	LVT-1	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	ACTIVE LINES - CRISSCROSS	FLASH ALC101	18" X 18"	
	LVT-2	LUXURY VINYL TILE	TARKETT	CONTOUR PCCD C-STAMPED	0925 ODYSSEY	18" X 18"	
09 67 23	RES-1	RESINOUS FLOORING	SHERWIN WILLIAMS	RESUFLO DECO QUARTZ BC23	FOGGY MORNING		
09 68 00	CPT-1	MODULAR CARPET TILE	MANNINGTON COMMERCIAL	ARROYO	MESA 84167	12" X 48"	INSTALLATION: 3-STEP VERTICAL ASHLAR
09 91 00	P-1	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - EG SHEL	SW 6070 HERON PLUME		
	P-2	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - EG SHEL	SW 7588 MEDICI IVORY		
	P-3	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - EG SHEL	MATCH BENJAMIN MOORE - 2108-50 SILVER FOX		
	P-4	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - EG SHEL	SW 6257 GIBRALTAR		
	P-5	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - FLAT	SW 7007 CEILING BRIGHT WHITE		
	P-6	PAINT	SHERWIN WILLIAMS	PROMAR 200 ALKYD - SEMI GLOSS	MATCH BENJAMIN MOORE - 2108-50 SILVER FOX		HOLLOW METAL DOORS AND FRAMES
	C	CONCRETE SEALER	ARDEX	HIGH PERFORMANCE, WATERBOURNE ACRYLIC CONCRETE SEALER	CLEAR		
	STN-1	WOOD STAIN	SHERWIN WILLIAMS	WOOD CLASSICS INTERIOR OIL STAIN	SW 3133-B RUSTIC GRAY		
	STN-2	WOOD STAIN	SHERWIN WILLIAMS	WOOD CLASSICS INTERIOR OIL STAIN	MATCH INTERIOR WOOD DOORS AT ADMIN BLDG		
10 21 13		TOILET PARTITION	SCRANTON	HINY HIDERS PARTITIONS	SHALE		
10 51 13		METAL LOCKER	LYON	SINGLE TIER STANDARD METAL LOCKER	6Y BRILLIANT BLUE		
12 24 00	WS	WINDOW SHADES	HUNTER DOUGLAS	FR ALUMINUM HORIZONTAL BLINDS - MODEL CD80	001 GLACIER WHITE		
12 32 00	PLAM-1	PLASTIC LAMINATE	LAMINART	ISLAND BIRCH	3076		VELLUM FINISH
12 36 00	S-1	SOLID SURFACE	DUPONT	CORIAN	CARRARA LINO		MATTE FINISH
	PLAM-2	PLASTIC LAMINATE	WILSONART	MAGNOLIA	5012K-19		19 LEVO WEAVE FINISH

ROOM FINISH SCHEDULE

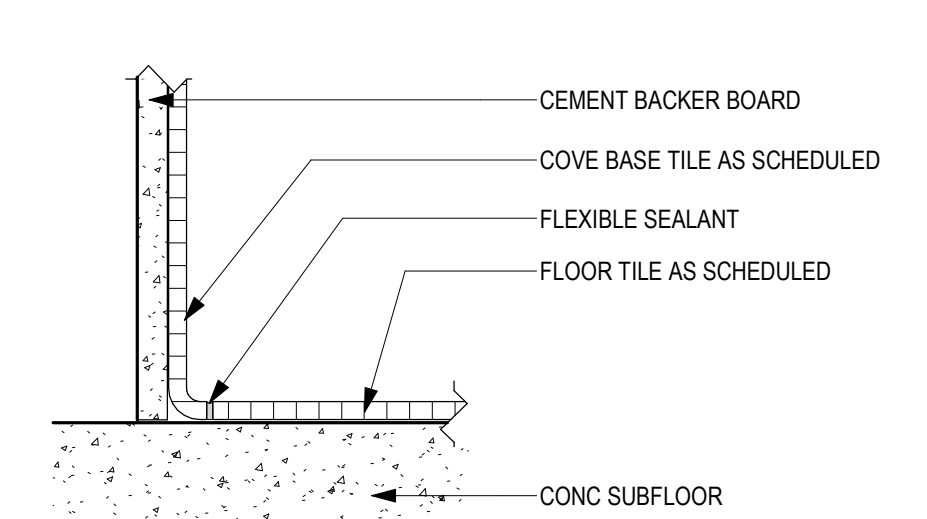
NO.	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	REMARKS
				NORTH	EAST	SOUTH	WEST		
1	VESTIBULE/ INFO CENTER	EXIST	RB-2	P-1	P-1	P-1	P-1	GWB (P-5)	
2	LOBBY	CPT-1	RB-2	P-2	P-2	P-2	P-2	GWB (P-5)	SEE FINISH PLAN FOR ADDITIONAL INFORMATION
2A	KIOSK	CPT-1	RB-2	P-2	P-2	P-2	P-2	GWB (P-5)	
3	ADMIN OFFICE	CPT-1	RB-2	P-2	P-2	P-2	P-2	GWB (P-5)	SEE FINISH PLAN FOR ADDITIONAL INFORMATION
4	DIRECTORS OFFICE	CPT-1	RB-2	P-2	P-4	P-2	P-2	GWB (P-5)	SEE FINISH PLAN FOR ADDITIONAL INFORMATION
5	UNISEX TOILET	PT-1	RB-2	P-1 / PT-2	P-1 / PT-2	P-1 / PT-2	P-1 / PT-2	GWB (P-5)	
6	HAC	PT-1	RB-2	P-1	P-1	P-1	P-1	GWB (P-5)	
7	UNIFORM STORAGE	CPT-1	RB-2	P-1	P-1	P-1	P-1	GWB (P-5)	
8	OPEN OFFICE	CPT-1	RB-2	P-2	P-2	P-4	P-2	GWB (P-5)	SEE FINISH PLAN FOR ADDITIONAL INFORMATION
9	ADMIN	CPT-1	RB-2	P-2	P-2	P-2	P-2	GWB (P-5)	
10	OPERATIONS CENTER	CPT-1	RB-2	P-2	P-2	P-2	P-2	GWB (P-5)	
11	CORRIDOR	LVT-1	RB-2	P-2/P-4	P-2	P-2	P-2	GWB (P-5)	
12	CONFERENCE/ TRAINING	CPT-1	RB-2	P-1	P-4	P-1	P-4	GWB (P-5)	
13	MULTIPURPOSE/ BREAKROOM	LVT-1	RB-2	P-2	P-2	P-2	P-2	GWB (P-5)	
14	STAIR 1	RF-1 / RST-1	RB-2	P-2	P-2	P-2	P-2	GWB (P-5)	
15	WOMEN'S	RES-1	RES-1	EXIST	EXIST	EXIST	EXIST	EXIST	
16	MEN'S	RES-1	RES-1	EXIST	EXIST	EXIST	EXIST	EXIST	



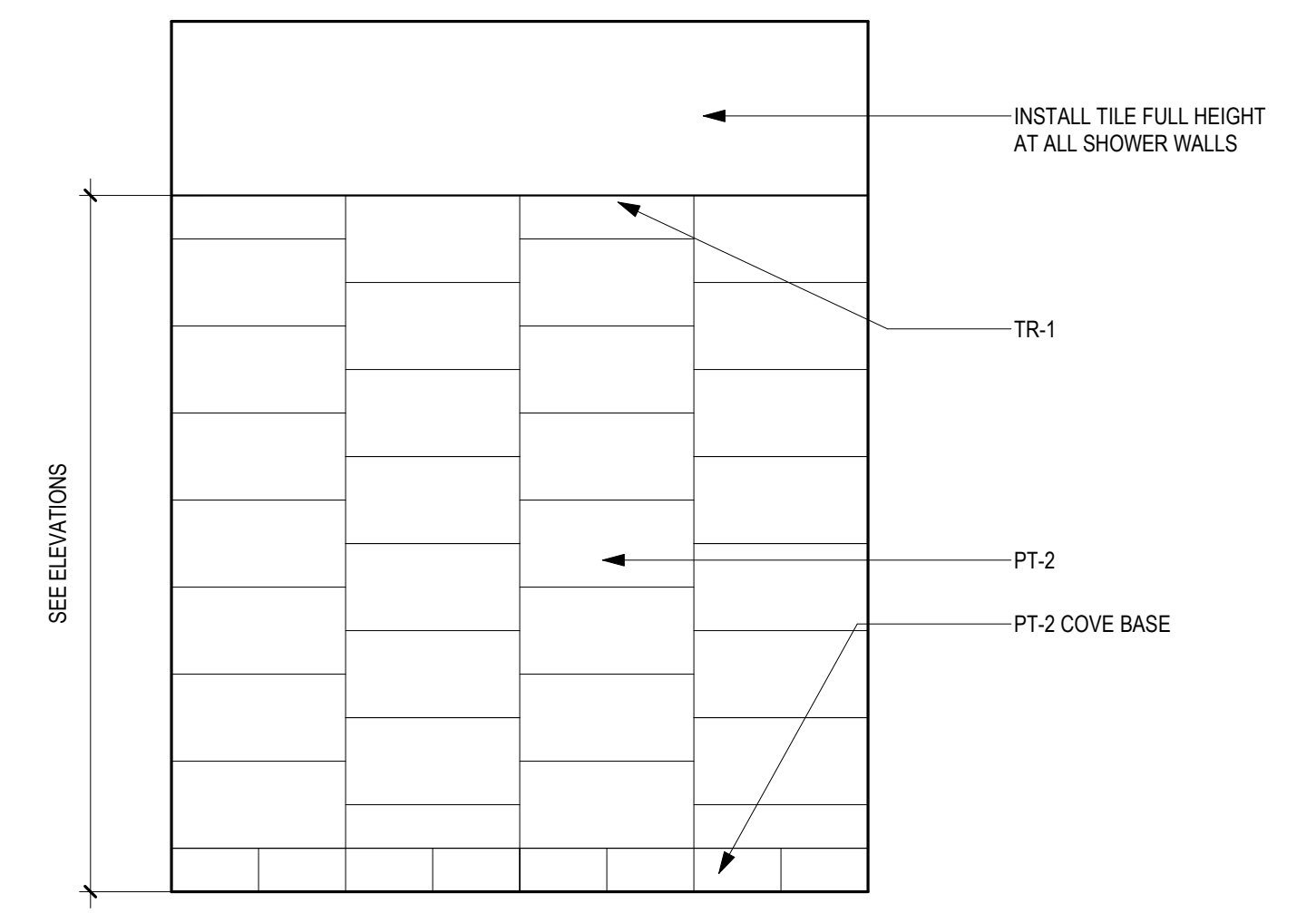
1 FLOORING TRANSITION STRIPS 6" = 1'-0"



2 FLOOR FINISH DETAIL @ STAIR 3" = 1'-0"



3 COVE BASE DETAIL 3" = 1'-0"



4 TILE PATTERN - TYP 1/2" = 1'-0"

BID DOCUMENTS

<b>CONSULTANT</b> MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL <b>IMEG CORP.</b> 14755 PRESTON RD STE 845 DALLAS, TX 75254 (309) 786-5075		<b>GEOTECHNICAL:</b> AET 1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397		<b>COST ESTIMATING:</b> CPMI 3265 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663		<b>ARCHITECT/ENGINEER OF RECORD</b> <b>ANDERSON</b> 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com Anderson Engineering of Minnesota, LLC   Proj # 16409		<b>STAMP</b> DATE: 10/31/2022 License # 9335		Office of Construction and Facilities Management <b>VA</b> U.S. Department of Veterans Affairs		Drawing Title <b>MATERIAL AND ROOM FINISH SCHEDULE AND INTERIOR DETAILS</b>		Phase <b>BID DOCUMENTS SUBMITTAL</b>		Project Title <b>BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS</b>		Project Number <b>884-CM-3015</b>	
Revisions: _____ Date: _____		Location <b>STURGIS, SOUTH DAKOTA</b>		Issue Date <b>10/07/22</b>		Checked <b>MRP</b>		Drawn <b>CZ</b>		Building Number <b>1001</b>		Drawing Number <b>AF600-1001</b>		36 OF 84					

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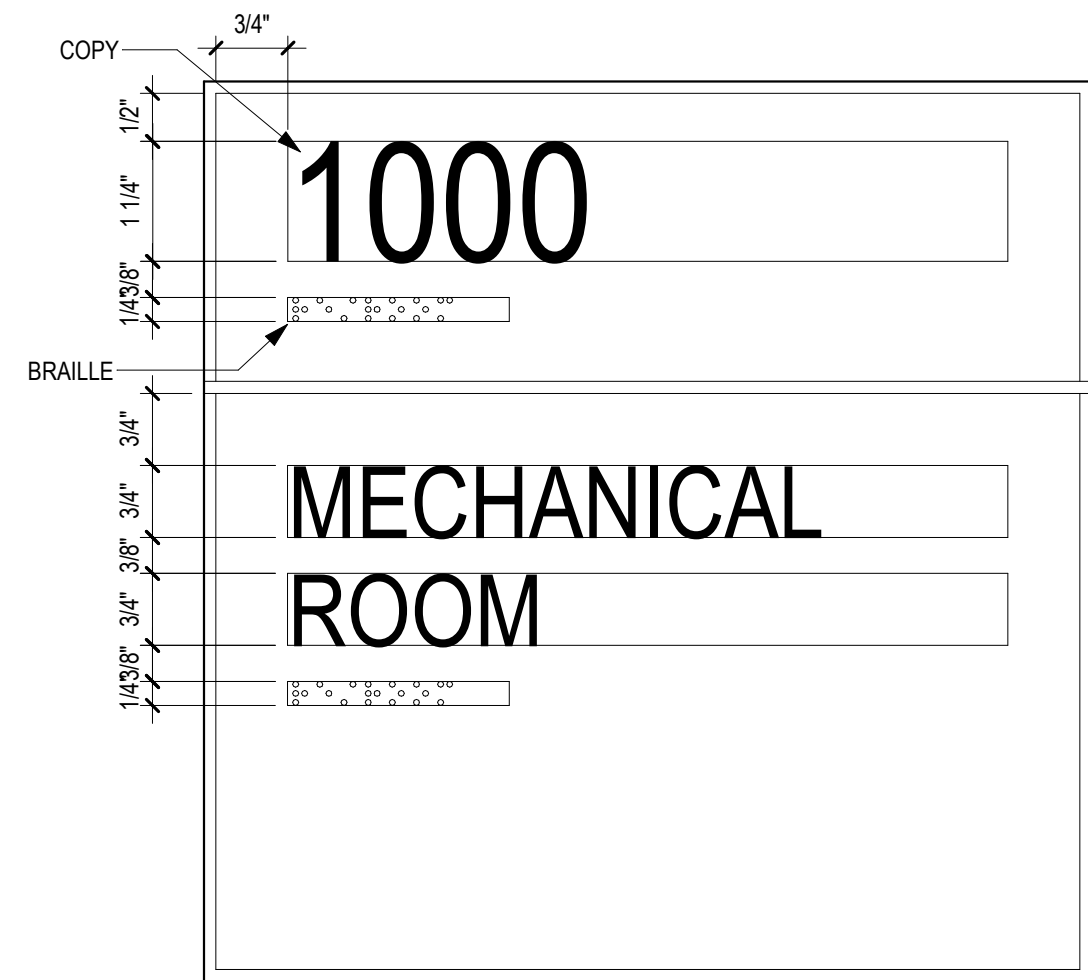
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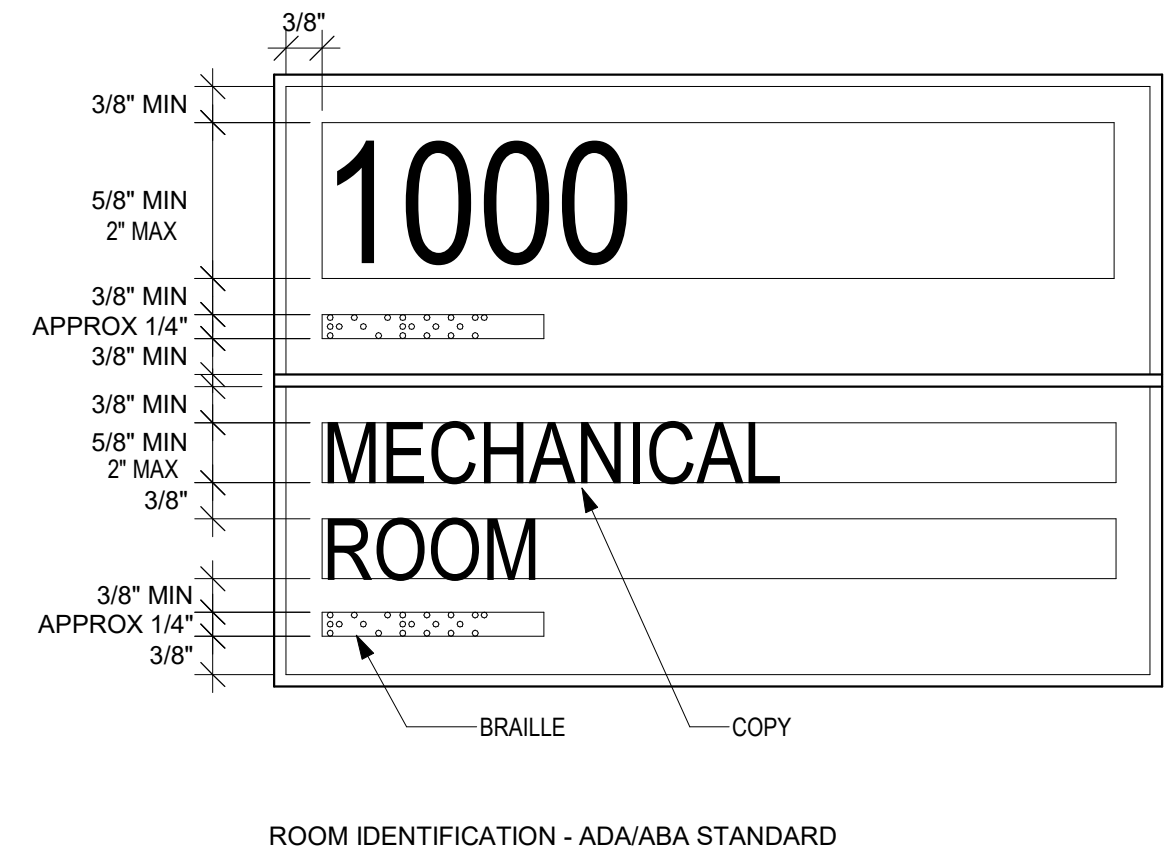
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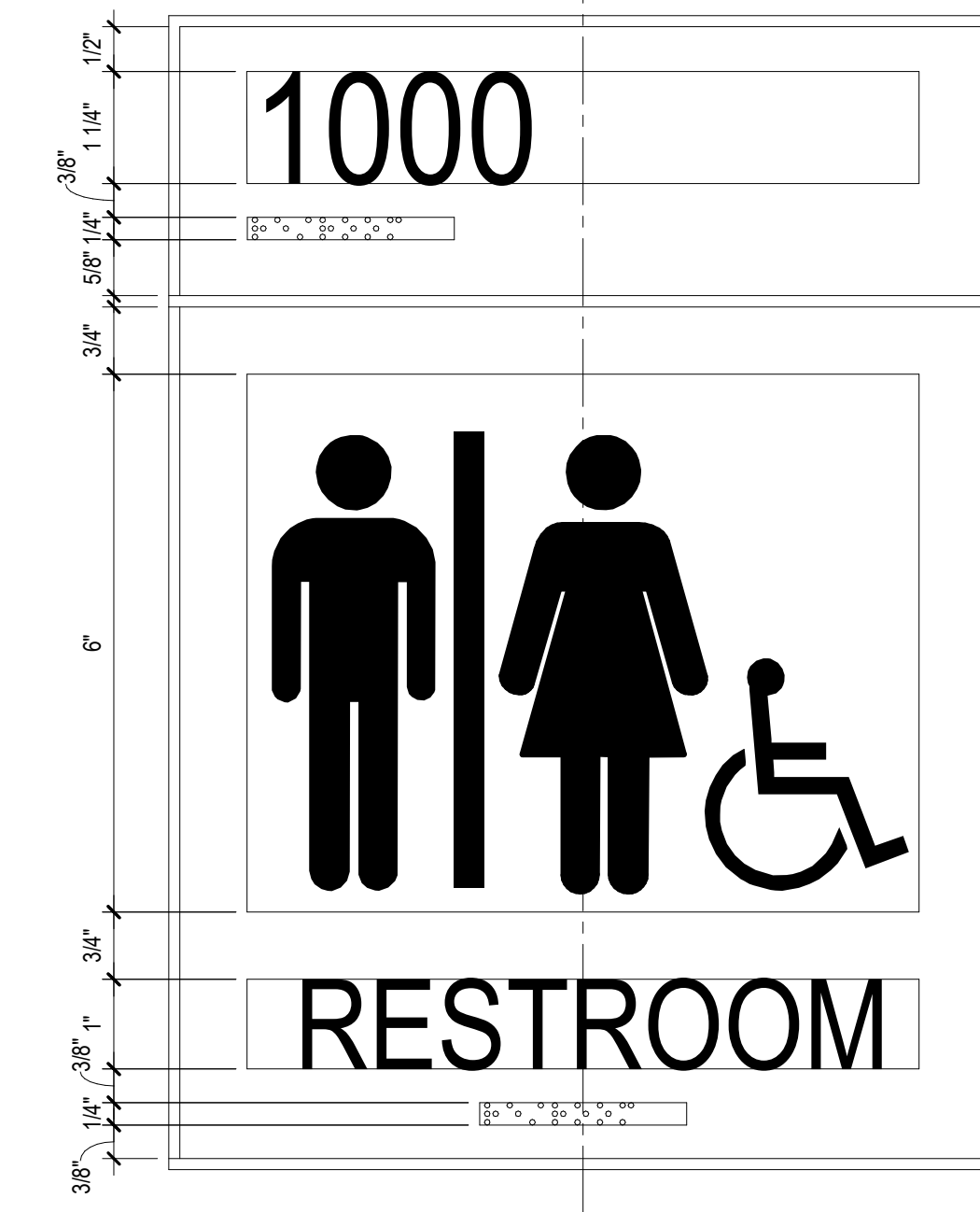
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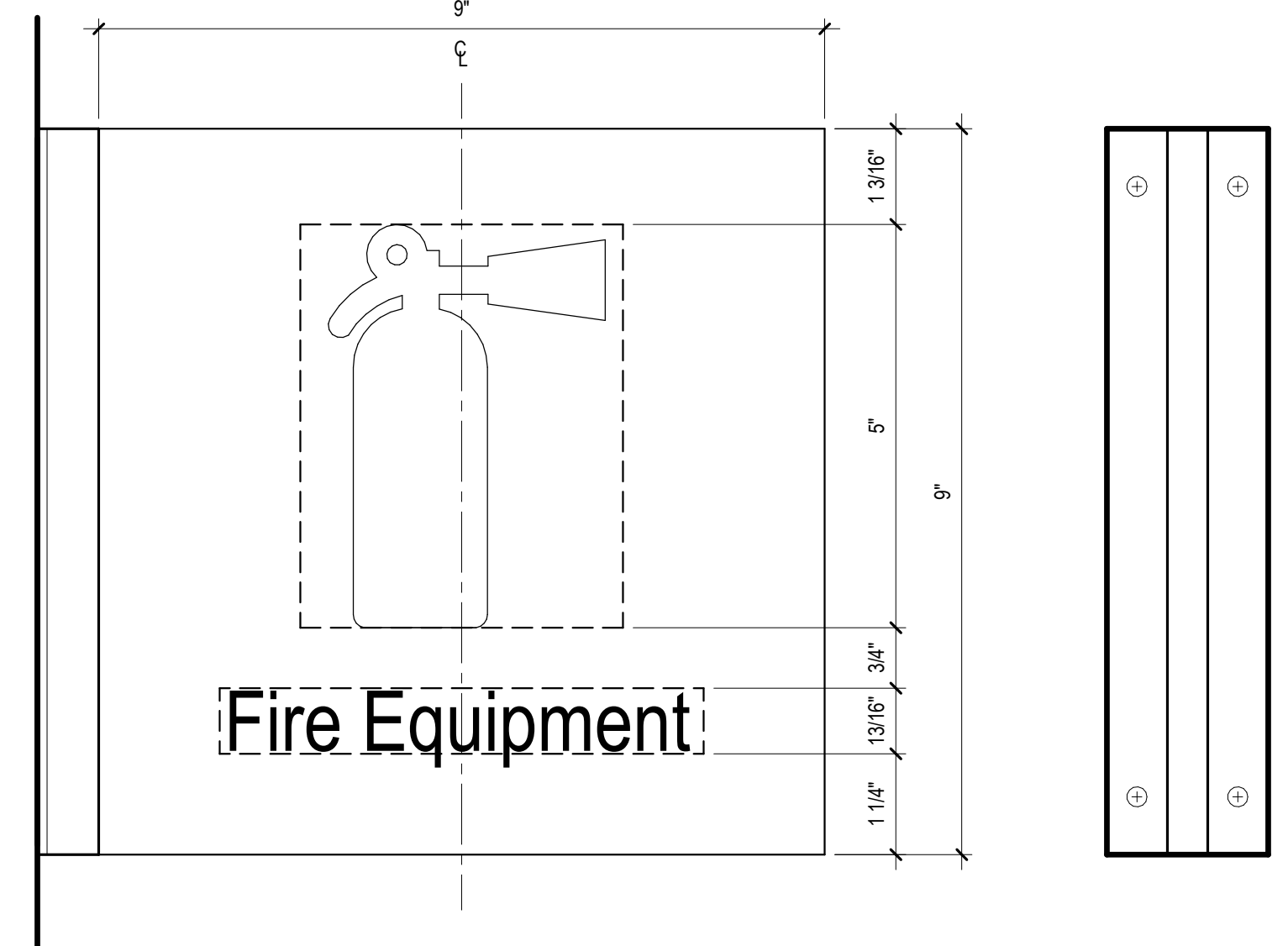
1 NC-14.01 PRIMARY ROOM ID  
6" x 1'-0"



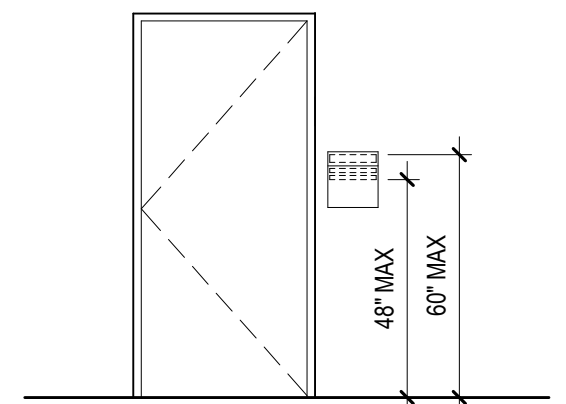
2 SIGNAGE ADA STANDARDS  
6" x 1'-0"



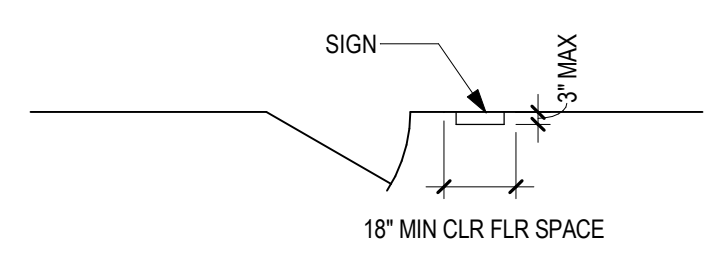
3 NC-15.03 RESTROOM ID  
6" x 1'-0"



4 IN-01.31 FIRE EQUIPMENT  
6" x 1'-0"



5 SIGN WALL ELEVATION  
1/4" = 1'-0"



6 SIGNAGE - PLAN VIEW  
1/4" = 1'-0"

**SIGNAGE GENERAL NOTES**

1. ALL SIGNAGE IDENTIFYING PERMANENT ROOMS SHALL COMPLY WITH 2010 STANDARD FOR ACCESSIBLE DESIGN.
2. ALL PERMANENT ROOM SIGNAGE TO HAVE TOP SECTION RAISED TEXT AND LOWER SECTION BRAILLE. BRAILLE TO BE GRADE 2.
3. ALL SIGNS TO BE MOUNTED ON LATCH SIDE OF DOOR UNLESS NOTED OTHERWISE. IF NO SPACE EXISTS ON LATCH SIDE MOUNT SIGN TO THE NEAREST ADJACENT WALL. SIGNS MUST BE 2" FROM DOOR JAMB WITH 18" CLEAR FLOOR SPACE FROM CENTER OF SIGN.
4. ALL SIGN TEXT AND NUMBERING SUBJECT TO FINAL APPROVAL BY OWNER.
5. ALL SIGNS MOUNTED TO GLASS TO HAVE GLASS BACKER.
6. SIGNS TO BE MOUNTED ACCORDING TO MANUFACTURERS INSTALLATION INSTRUCTIONS AND MATERIALS.
7. SIGN DETAILS ARE FOR REFERENCE ONLY. ACTUAL DESIGN TO BE PROVIDED BY THE VENDOR, FOLLOWING FACILITY STANDARD, AND SUBJECT TO OWNER APPROVAL.

**SIGN MESSAGE SCHEDULE**

LOCATION	SIGN MESSAGE	SIGN TYPE	COUNT	REMARKS
2	ADMIN OFFICE	NC-14.01	1	
4	DIRECTORS OFFICE	NC-14.01	1	
5	UNISEX TOILET	NC-15.03	1	
6	HAC	NC-14.01	1	
7	UNIFORM STORAGE	NC-14.01	1	
13	FIRE EQUIPMENT	IN-01.31	1	

**BID DOCUMENTS**

Revisions:	Date:

**CONSULTANT**

**MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL: IMEG CORP.**  
14755 PRESTON RD STE 845  
DALLAS, TX 75254  
(309) 786-5075

**GEOTECHNICAL: AET**  
1745 SAMCO RD  
RAPID CITY, SD 57702  
(605) 223-4397

**COST ESTIMATING: CPMI**  
3265 NORTHWOOD CIR STE 170  
EAGAN, MN 55121  
(952) 854-3663

**ARCHITECT/ENGINEER OF RECORD**

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16409

**STAMP**

PROFESSIONAL SEAL  
THOMAS A. CLEMAN  
REGISTERED ARCHITECT  
STATE OF MINNESOTA  
LICENSE # 9335

Office of Construction and Facilities Management  
**VA** U.S. Department of Veterans Affairs

Drawing Title  
**WAYFINDING MESSAGE SCHEDULES & SIGNAGE DETAILS**

Approved: \_\_\_\_\_

Phase  
**BID DOCUMENTS SUBMITTAL**

Project Title  
**BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS**

Location  
STURGIS, SOUTH DAKOTA

Issue Date  
10/07/2022

Checked  
MRP

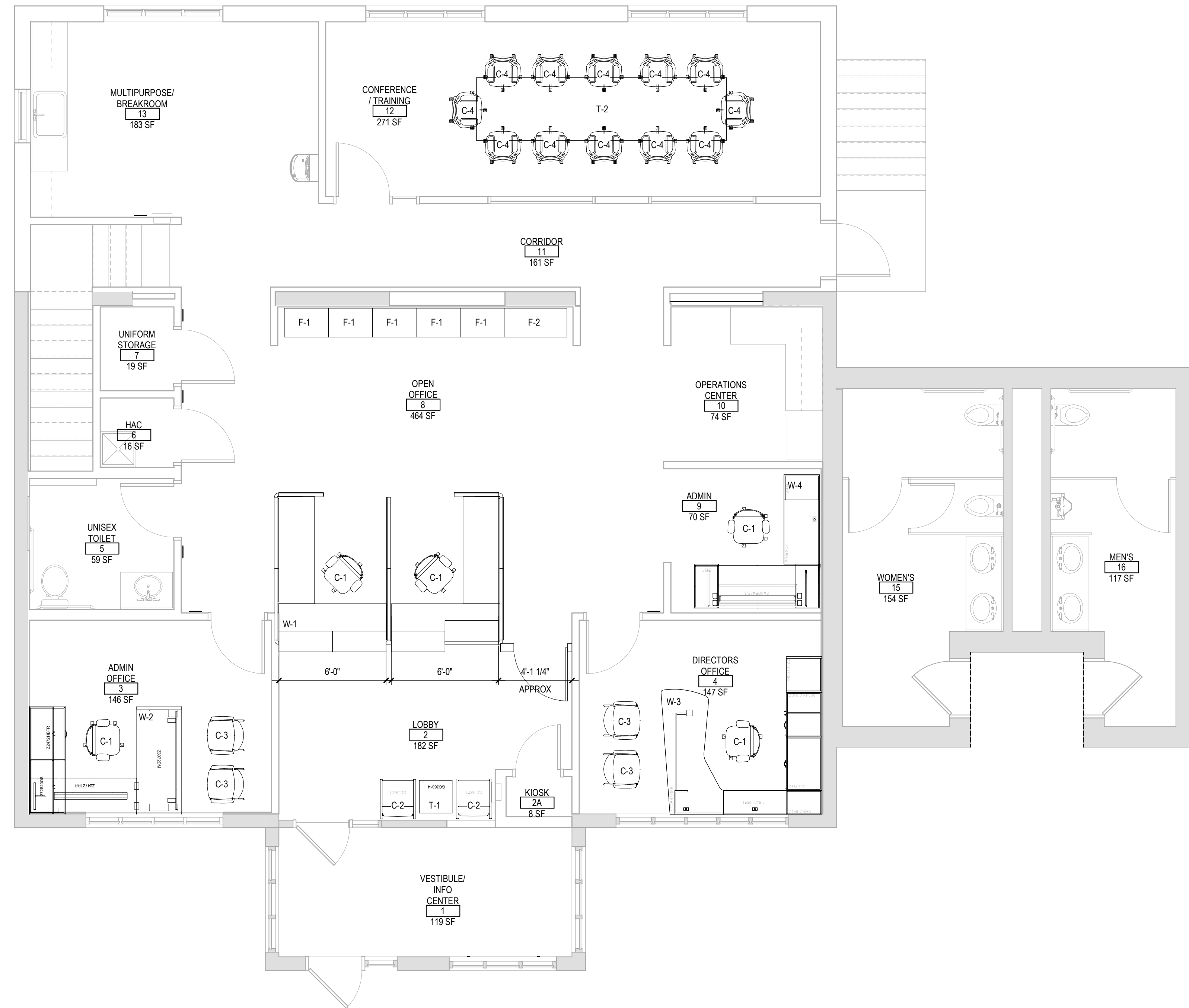
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Project Number  
**884-CM-3015**

Building Number  
**1001**

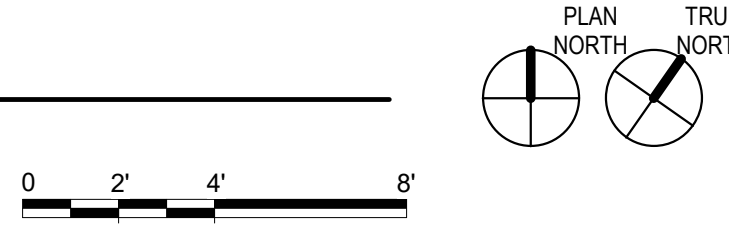
Drawing Number  
**AW601-1001**  
37 OF 84

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NOTE: FURNITURE PLAN IS FOR REFERENCE ONLY. ALL FURNITURE IS TO BE PROVIDED UNDER SEPARATE CONTRACT.  
 NOTE: CONTRACTOR TO REMOVE EXISTING FURNITURE AND RE-INSTALL IN TEMPORARY FACILITIES.

1 FIRST LEVEL FURNITURE PLAN  
 1/4" = 1'-0"



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BID DOCUMENTS

Revisions:	Date:

CONSULTANT		
MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL: IMEG CORP. 14755 PRESTON RD STE 845 DALLAS, TX 75254 (309) 786-5075	GEOTECHNICAL: AET 1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397	COST ESTIMATING: CPMI 3285 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
 P 763.412.4000 | F 763.412.4090 | ae-mn.com  
 Anderson Engineering of Minnesota, LLC | Proj # 16409

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DATE: 10/31/2022  
 License # 9335

Office of Construction and Facilities Management

**VA** U.S. Department of Veterans Affairs

Drawing Title	FIRST LEVEL FURNITURE PLAN
Approved:	

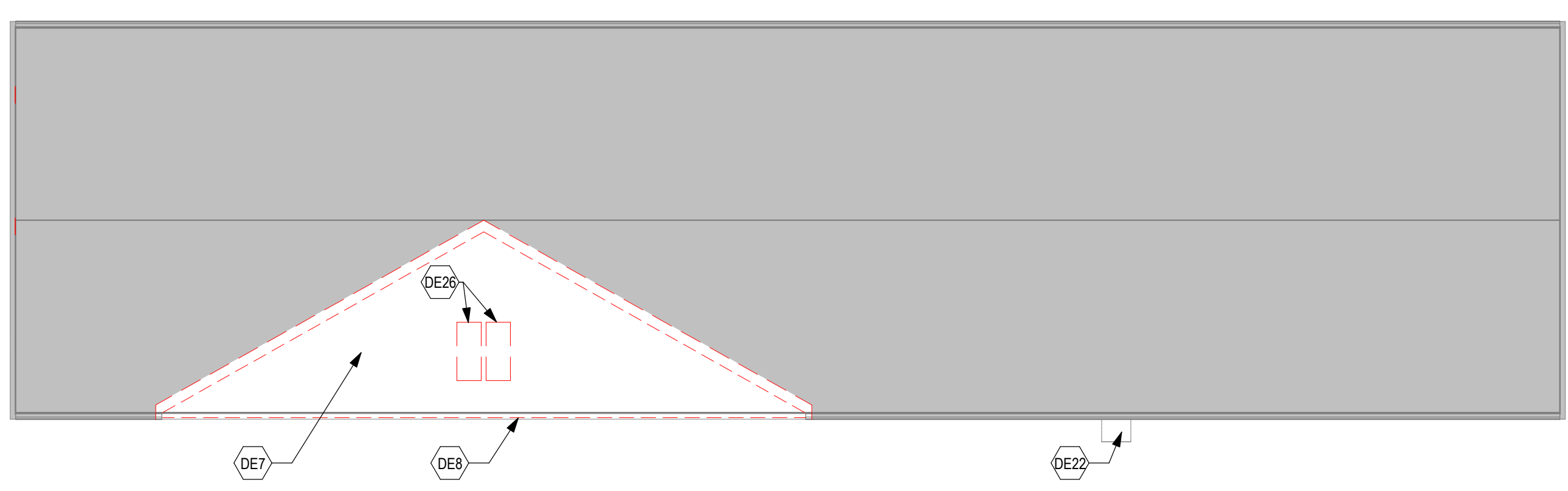
Phase	BID DOCUMENTS SUBMITTAL
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Project Title	BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS
Location	STURGIS, SOUTH DAKOTA
Issue Date	10/07/2022
Checked	MRP
Drawn	CZ

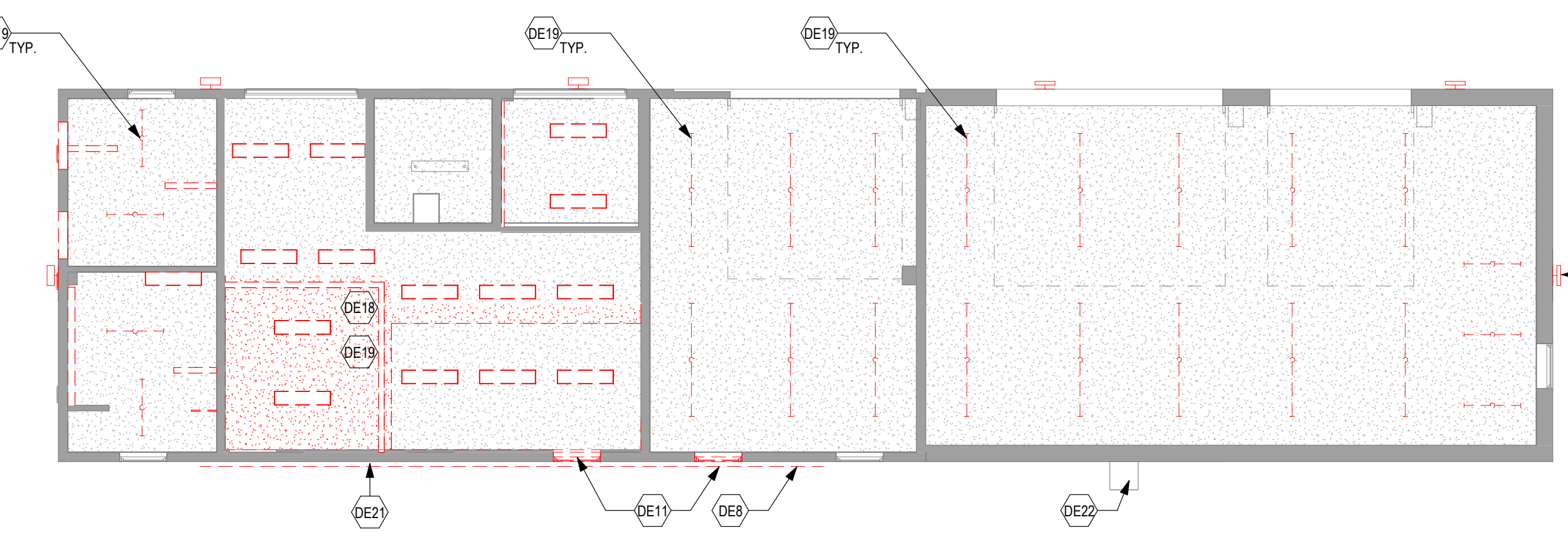
Project Number	884-CM-3015
Building Number	1001
Drawing Number	IF110-1001 38 OF 84



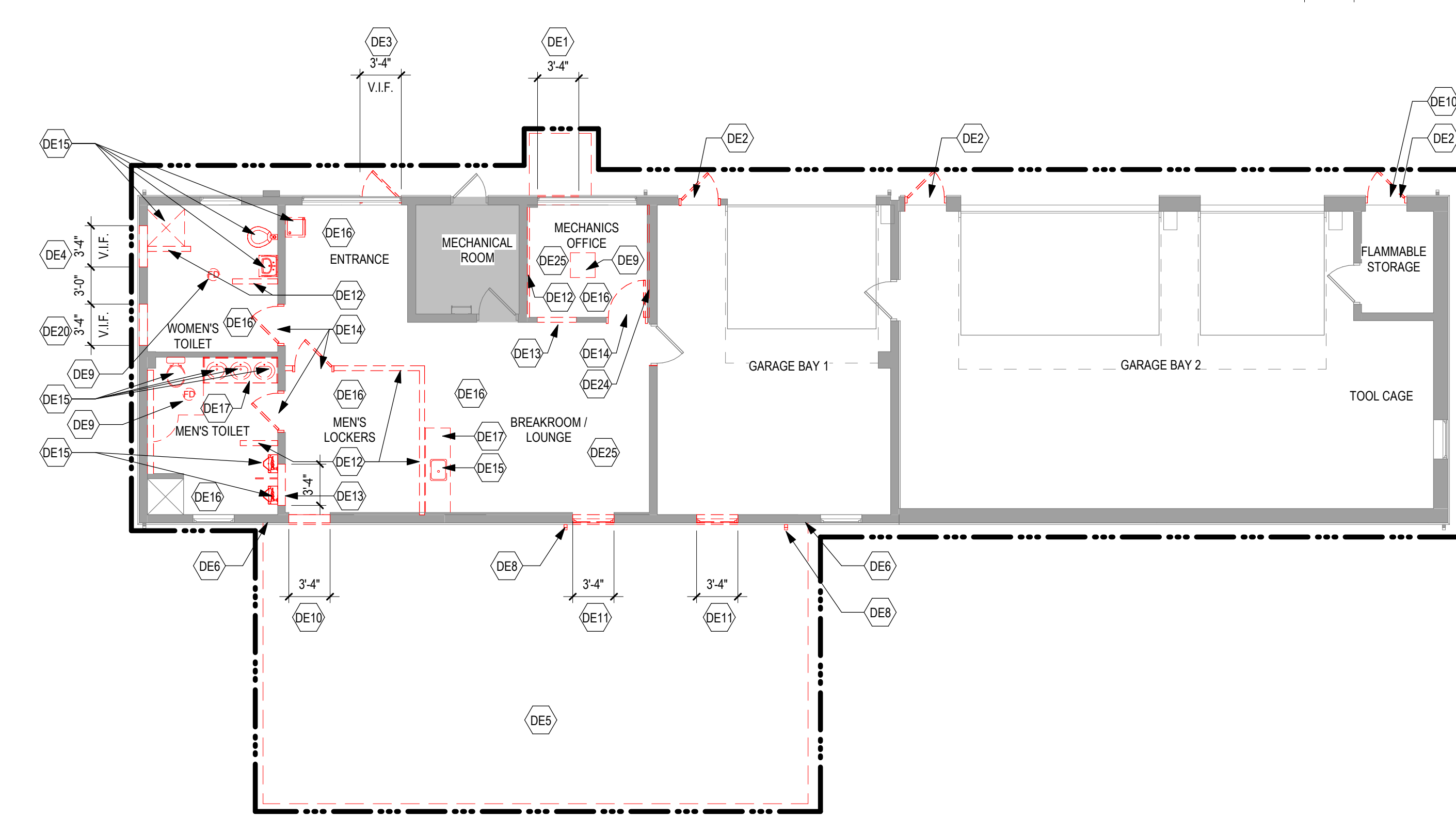
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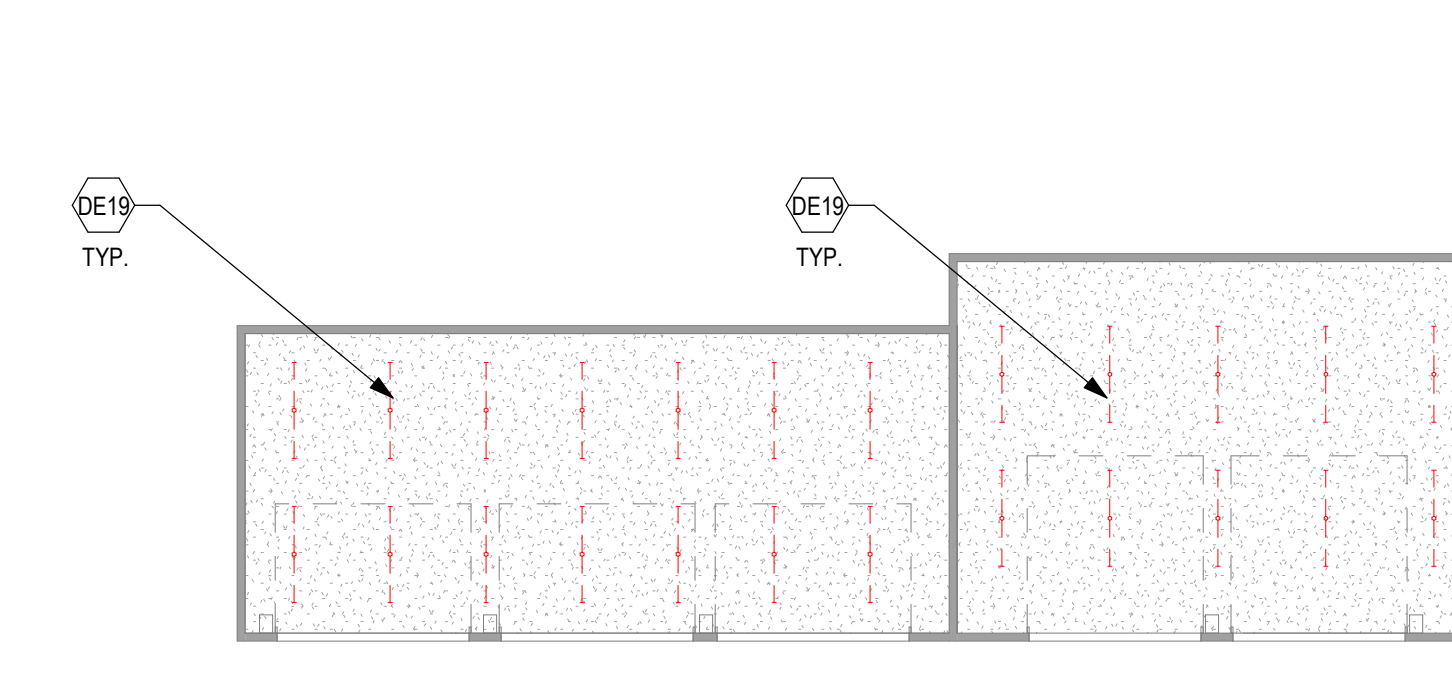
**2 ROOF PLAN - DEMOLITION - MAINTENANCE 3001**  
1/8" = 1'-0"



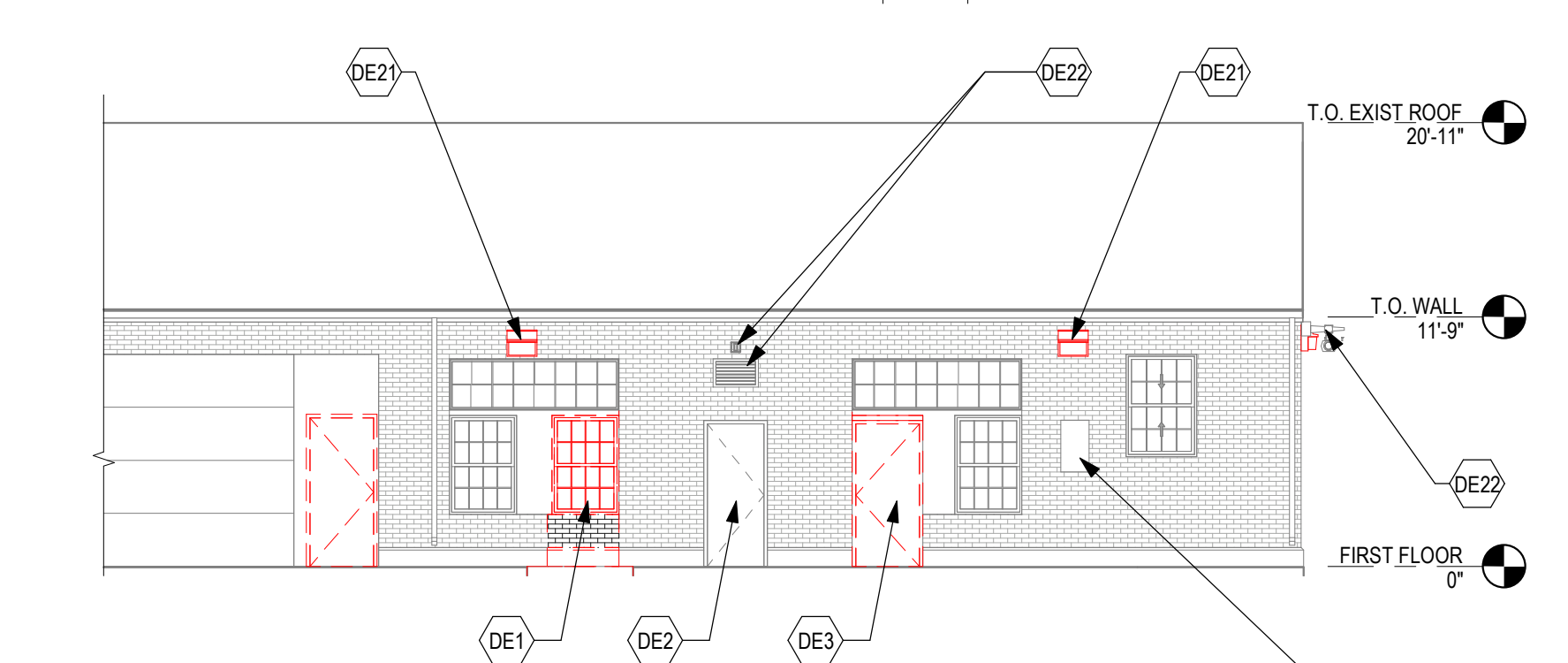
**3 REFLECTED CEILING PLAN - DEMOLITION - MAINTENANCE 3001**  
1/8" = 1'-0"



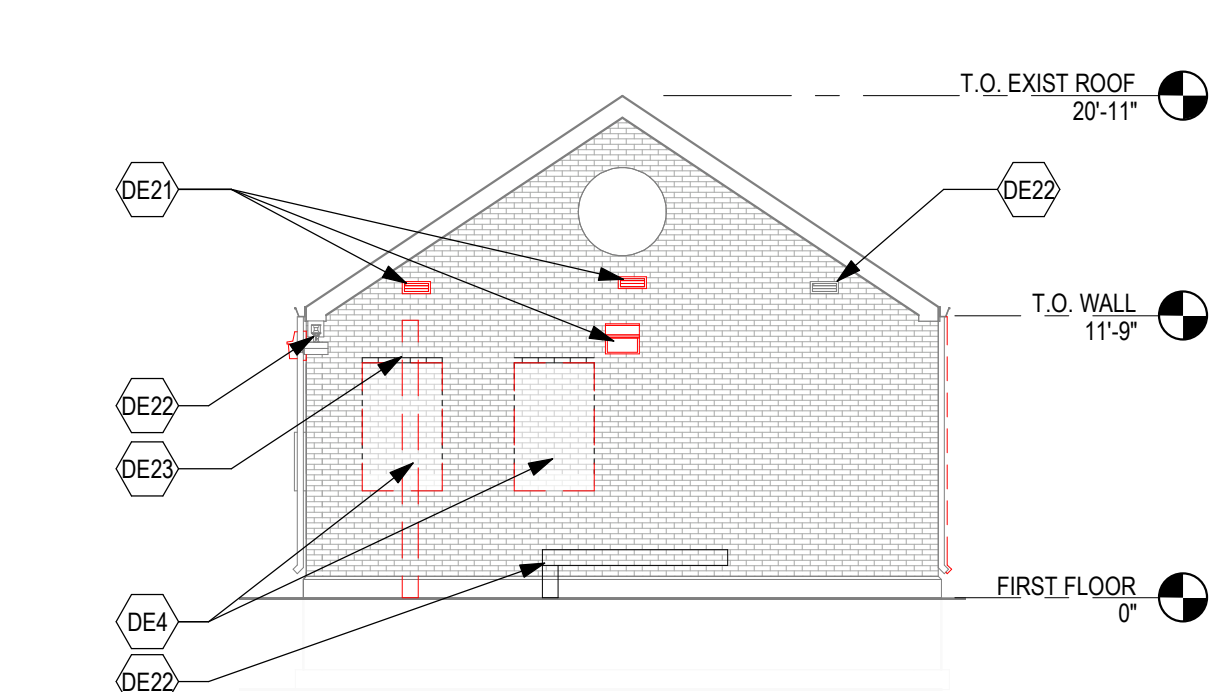
**1 DEMOLITION PLAN - MAINTENANCE 3001**  
1/8" = 1'-0"



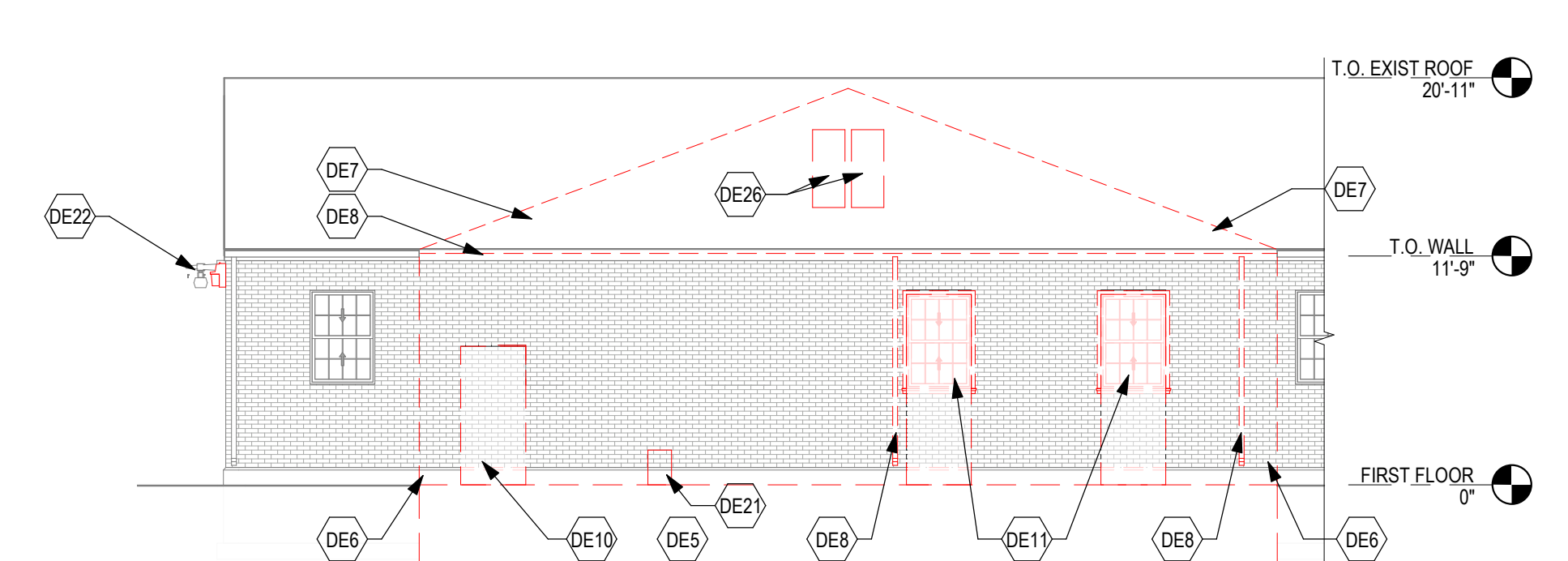
**4 RCP - DEMOLITION - MAINTENANCE 3002**  
1/16" = 1'-0"



**5 PARTIAL EXTERIOR ELEVATION - NORTH - DEMO - MAINTENANCE 3001**  
1/8" = 1'-0"



**6 EXTERIOR ELEVATION - WEST - DEMO - MAINTENANCE 3001**  
1/8" = 1'-0"



**7 PARTIAL EXTERIOR ELEVATION - SOUTH - DEMO - MAINTENANCE 3001**  
1/8" = 1'-0"

**DEMOLITION GENERAL NOTES**

- GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK, PHASING AND SEQUENCING WITH THE OWNER. ANY INFORMATION REGARDING SEQUENCING PROVIDED IN THESE DOCUMENTS IS FOR ARCHITECT - OWNER PLANNING PURPOSES ONLY, UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL TRADES FOR THE DEMOLITION WORK REQUIRED FOR THIS PROJECT.
- WHERE PARTITIONS ARE INDICATED TO BE REMOVED, REMOVE PARTITION ALONG WITH ALL ITEMS CONTAINED WITHIN, INCLUDING DOORS, FRAMES, HARDWARE, SIDE-LIGHTS, WINDOWS, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. TO STRUCTURE ABOVE, UNLESS NOTED OTHERWISE.
- WHERE FLOOR FINISH IS INDICATED TO BE DEMOLISHED, REMOVE FINISH TO FLOOR SLAB AS REQUIRED AND PREPARE SLAB SURFACE FOR SCHEDULED FINISHES WITHIN AREA TO BE REMODELED, UNLESS NOTED OTHERWISE. SEE FINISH SCHEDULE FOR EXISTING FLOOR FINISHES TO REMAIN UNDISTURBED.
- WHERE CEILING IS INDICATED TO BE DEMOLISHED, REMOVE CEILING SUSPENSION SYSTEM ALONG WITH ALL ASSOCIATED MECHANICAL AND ELECTRICAL ITEMS, UNLESS NOTED OTHERWISE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EXTENT OF CONDUIT, PIPING AND DUCTWORK DEMOLITION WITHIN AREA TO BE REMODELED.
- WHERE INDICATED, REMOVE ALL WALL/PARTITION EXISTING FINISHES AND PREPARE THE SURFACES FOR SCHEDULED FINISHES. SEE FINISH SCHEDULE FOR FINISHES.
- ALL DISTURBED AREAS, WALLS, PARTITIONS, FLOORS, ETC. DAMAGED BY DEMOLITION WORK SHALL BE PATCHED TO MATCH ADJACENT AREA.
- OWNER RESERVES THE RIGHT OF FIRST REFUSAL OF ALL SALVAGED ITEMS SUCH AS: DOORS, LIGHT FIXTURES, PLUMBING FIXTURES ETC.
- SALVAGED ITEMS SCHEDULED FOR REUSE SHALL BE CLEANED, RESTORED AND/OR REFINISHED TO LIKE NEW CONDITION, UNLESS NOTED OTHERWISE.
- DO NOT REMOVE ANY EXISTING STRUCTURAL SUPPORT MEMBERS SUCH AS COLUMNS, BEAMS, JOISTS, LOAD-BEARING PARTITIONS ETC. UNTIL ADEQUATE PERMANENT OR TEMPORARY SUPPORT IS IN PLACE. ALL EXISTING STRUCTURAL MEMBERS SHALL BE ADEQUATELY PROTECTED, COORDINATE WITH STRUCTURAL ENGINEER.
- SEE STRUCTURAL, MECHANICAL, ELECTRICAL, AND TECHNOLOGY DRAWINGS FOR RELATED DEMOLITION AND PREP WORK.
- WITHIN ALL EXISTING ROOMS/SPACES RECEIVING SCHEDULED FLOOR, OR WALL, OR CEILING FINISHES, REMOVE ALL EXISTING FLOOR, OR WALL, OR CEILING FINISHES DOWN TO THE SUBSTRATE. INCLUDE THE REMOVAL OF ALL ITEMS LOCATED WITHIN THE EXISTING FINISH REMOVALS UNO PATCH AND PREP ALL SUBSTRATES TO RECEIVE SCHEDULED FINISHES. FOR ADDITIONAL INFORMATION, SEE KEYNOTED ITEMS, FINISH PLANS AND/OR SCHEDULES, STRUCTURAL, MECHANICAL, AND ELECTRICAL.
- MOVE EXISTING FURNITURE INTO THE TEMPORARY TRAILER DURING CONSTRUCTION. REMOVE FURNITURE AT COMPLETION OF PROJECT.

**DEMOLITION KEYED NOTES**

(DE1) REMOVE WINDOW AND SALVAGE FOR REUSE. PARTIALLY REMOVE WALL. PREPARE OPENING AND GROUND FOR STOOP AND DOOR INFILL. SEE CIVIL AND STRUCTURAL.	(DE11) REMOVE WINDOW AND SALVAGE FOR REUSE. PARTIALLY REMOVE WALL. PREPARE OPENING FOR DOOR INFILL.	(DE21) COORDINATE WITH MEP, REMOVE MEP FIXTURE/EQUIPMENT. PREPARE EXIST MASONRY FOR WALL INFILL.
(DE2) REMOVE DOOR AND SALVAGE FOR REUSE. PREPARE EXISTING DOOR OPENING FOR DOOR WITH SECURITY UPGRADE.	(DE12) REMOVE PARTITION/FURRING IN ITS ENTIRETY. PREPARE ADJACENT SURFACES TO ACCOMMODATE PLAN.	(DE22) MEP FIXTURE TO REMAIN
(DE3) REMOVE DOOR AND SALVAGE FOR REUSE. PREPARE OPENING TO REMOVE WINDOW FROM KEYED NOTE 1 AND REMAINING OPENING INFILLED WITH WALL TO MATCH ADJACENT EXISTING CONSTRUCTION.	(DE13) PARTIALLY REMOVE PARTITION FOR OPENING. PREPARE ADJACENT SURFACES TO ACCOMMODATE PLAN.	(DE23) COORDINATE WITH MEP, RELOCATE CONDUIT. PREPARE EXIST MASONRY FOR PATCH
(DE4) PARTIALLY REMOVE WALL TO WINDOW LIMITS - MATCH NORTH ELEVATION. USE EXISTING LINTEL AND REUSE WINDOW FROM DEMOLITION ON SOUTH ELEVATION. PATCH AND REPAIR WALL.	(DE14) REMOVE DOOR AND SALVAGE FOR REUSE. PREPARE OPENING FOR INFILL. SEE PLAN.	(DE24) PARTIAL FURRING REMOVAL TO ACCOMMODATE PLAN. PREPARE TO ADJACENT SURFACE FOR PATCH AND FINISH APPLICATIONS
(DE5) PREPARE GROUND FOR ADDITION. SEE CIVIL AND STRUCTURAL.	(DE15) REMOVE PLUMBING FIXTURE. SEE MECHANICAL.	(DE25) PARTIAL REMOVAL OF EXISTING ROOF DECK SHEATHING. PREPARE FOR WALL VENT INSTALLATION. COORDINATE OPENINGS WITH EXISTING FRAMING.
(DE6) PREPARE EXTERIOR WALLS FOR ADDITION.	(DE16) PREPARE FLOOR FOR FINISH. SEE FINISH PLAN.	(DE26) REMOVE LIGHT FIXTURE. SALVAGE. PREPARE CEILING FOR FIXTURE/CEILING INFILL TO MATCH EXISTING ADJACENT MATERIAL. PREPARE ALL CEILINGS FOR PAINT. SEE ELECTRICAL FOR LIGHTING PLAN.
(DE7) PREPARE ROOF FOR ADDITION.	(DE17) REMOVE EXISTING COUNTER/CABINERY.	(DE27) PARTIALLY REMOVE WALL TO WINDOW LIMITS. SEE STRUCTURAL FOR LINTEL INFORMATION. REUSE WINDOW FROM DEMOLITION ON SOUTH ELEVATION PATCH AND REPAIR WALL.
(DE8) REMOVE DOWNSPOUT AND PARTIALLY REMOVE GUTTER. PREPARE TO TIE INTO GUTTERS AT ADDITION.	(DE18) REMOVE CEILING AS REQUIRED AND PREPARE ADJACENT SURFACES TO ACCOMMODATE PLAN.	
(DE9) PARTIALLY REMOVE CONCRETE FLOOR TO PREPARE FOR FLOOR DRAIN MODIFICATIONS. COORDINATE WITH PLUMBING. PREPARE FOR INFILL. MATCH ADJACENT FLOOR.	(DE19) REMOVE LIGHT FIXTURE. SALVAGE. PREPARE CEILING FOR FIXTURE/CEILING INFILL TO MATCH EXISTING ADJACENT MATERIAL. PREPARE ALL CEILINGS FOR PAINT. SEE ELECTRICAL FOR LIGHTING PLAN.	
(DE10) PARTIALLY REMOVE WALL FOR OPENING. COORDINATE LOCATION SIZE WITH MECH. SEE STRUCTURAL FOR LINTEL PATCH AND REPAIR WALL.	(DE20) PARTIALLY REMOVE WALL TO WINDOW LIMITS. SEE STRUCTURAL FOR LINTEL PATCH AND REPAIR WALL.	

**DEMOLITION PLAN SYMBOLS**

	EXISTING WALL TO REMAIN		EXISTING DOOR AND FRAME TO REMAIN
	WALL OR PARTITION TO BE REMOVED		EXISTING DOOR AND FRAME TO BE DEMOLISHED
	DASHED LINE INDICATES ITEM TO BE REMOVED (UNO)		KEY NOTE

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

Revisions:	Date:

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Professional Engineer  
Mechanical  
Michael A. Qlesak  
South Dakota  
DATE: 10/31/2022  
License # 9335

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title  
**DEMOLITION PLANS AND ELEVATIONS**

Approved:

Phase  
**BID DOCUMENTS SUBMITTAL**

Project Title BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS		Project Number 884-CM-3015	
Location STURGIS, SOUTH DAKOTA		Building Number 3001	
Issue Date 10-31-22	Checked LA	Drawn EM	Drawing Number AD111-3001 39 OF 84

**GENERAL NOTES**

1. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY BE NECESSARY IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL AND PLUMBING ALONG WITH OTHER SYSTEMS. THIS INCIDENTAL WORK SHALL BE PART OF THIS CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS, ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST.
2. CONTRACTORS SHALL VISIT THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
3. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH REMODELING.
5. EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY. VERIFY SIZE WITH MANUFACTURER.
6. ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
7. ALL CONTRACTORS THAT PENETRATE AND/OR DISTURB ANY AREAS AT EXISTING CONDITIONS SHALL PATCH AREA TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR SCHEDULED FINISH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
8. VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES WHICH REQUIRE THEM.
9. PROVIDE LINTELS AND FRAMING FOR GRILLES, LOUVERS, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR. VERIFY SIZE AND LOCATION.
10. STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
11. AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" FRP FLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT, UNLESS NOTED OTHERWISE.
12. CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLAN(S) WITHIN THE PROJECT SCOPE AND UPGRADE AS REQUIRED. ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS/ASSEMBLIES MEETING THE RATING INDICATED. TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL SMOKE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH FIRE CAULK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CAULK.

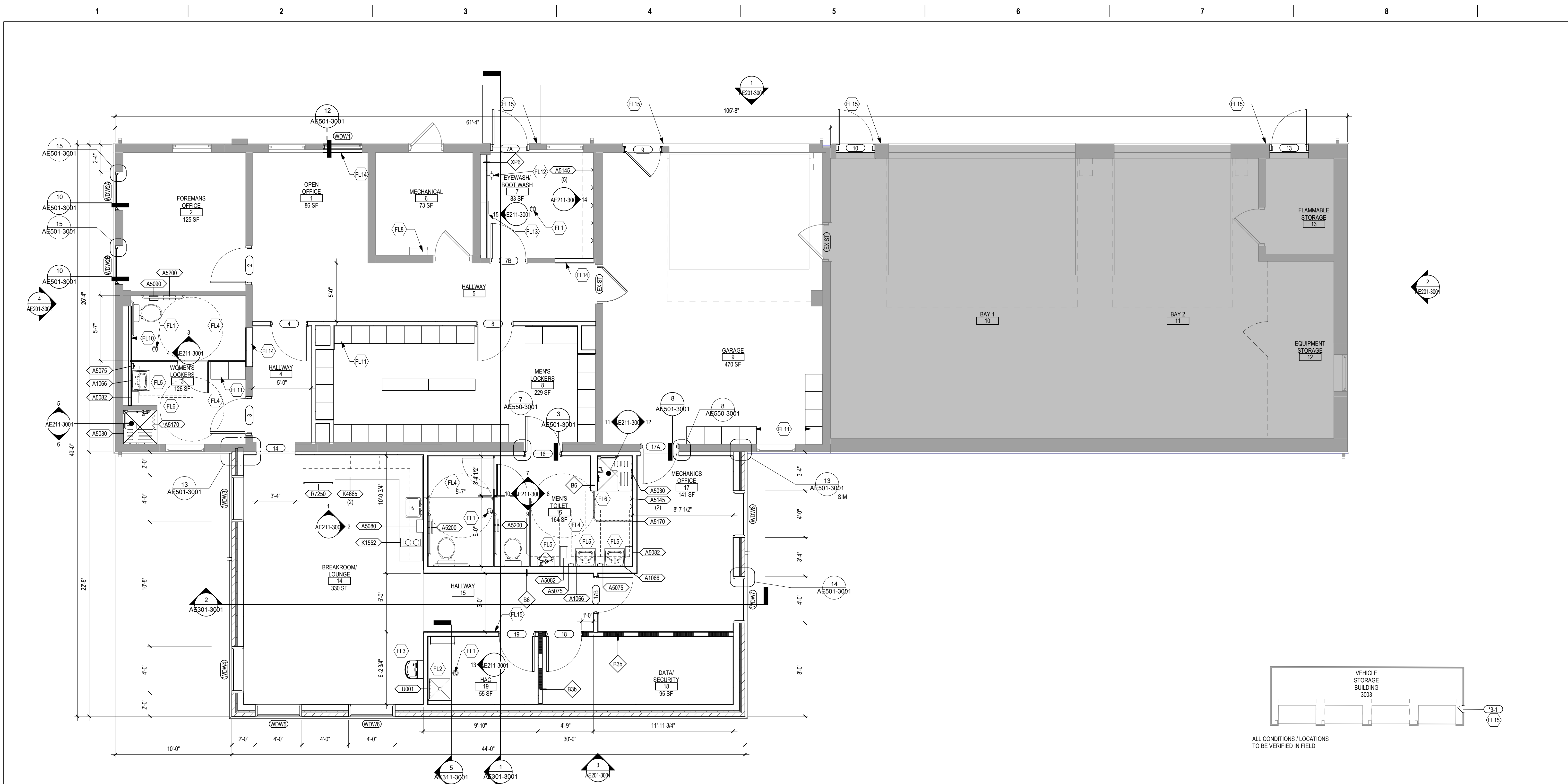
**FLOOR PLAN SYMBOLS**

	EXISTING WALL TO REMAIN	8'-0"	DIMENSION LINE, NOMINAL
	WALL	8'-0"	EXTENDED DIMENSION LINE, NOMINAL
	EXISTING DOOR AND FRAME TO REMAIN	1A AE211 2B	INTERIOR ELEVATION INDICATOR TAG
	DOOR	1A AE201	EXTERIOR ELEVATION INDICATOR TAG
	INTERIOR BORROWED LIGHT	203	EQUIPMENT TAG
	WALL TAG	100	FLOOR SPOT ELEVATION
	OFFICE	1A AE501	DETAIL REFERENCE TAG
	KEY NOTE		
	INTERIOR SECTION REFERENCE TAG	1A AE201	EXTERIOR SECTION REFERENCE TAG
	REVISION TAG		REVISION CLOUD

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

**FLOOR PLAN KEYED NOTES**

- FL1 FLOOR DRAIN. SEE PLUMBING. PATCH AND REPAIR CONCRETE FLOOR AT EXIST FLOOR LOCATIONS. MATCH ADJACENT CONSTRUCTION.
  - FL2 JANITOR SINK. SEE PLUMBING.
  - FL3 COMBINATION DRINKING FOUNTAIN AND WATER BOTTLE FILLER. SEE PLUMBING.
  - FL4 66" DIAMETER TURNING RADIUS CLEAR FLOOR SPACE.
  - FL5 30"x48" CLEAR FLOOR SPACE AT PLUMBING FIXTURE.
  - FL6 36"x48" CLEAR FLOOR SPACE AT TRANSFER TYPE SHOWER.
  - FL7 MANEUVERING CLEARANCE AT MANUAL SWINGING DOOR.
  - FL8 EXISTING ATTIC ACCESS LADDER.
  - FL9 DOWNSPOUT.
  - FL10 FUR OUT WALL TO ACCOMMODATE PLUMBING AND EXISTING PILASTER. VERIFY IN FIELD FOLLOWING DEMOLITION.
  - FL11 FULL HEIGHT, 18"W x 21" D LOCKER. TYPICAL. SEE PLAN.
  - FL12 HOSE BIB. SEE PLUMBING.
  - FL13 EYE/WASH - BARRIER-FREE CABINET CONCEALED SWING-DOWN. COORDINATE WITH PLUMBING. MOUNT 20" 18" AFF FOR BARRIER FREE COMPLIANCE.
  - FL14 INFILL OPENING. MATCH ADJACENT CONSTRUCTION.
  - FL15 CARD READER. COORDINATE WITH DOOR HARDWARE AND TECHNOLOGY.
- NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN



**1 FIRST LEVEL FLOOR PLAN - MAINTENANCE 3001**  
1/4" = 1'-0"

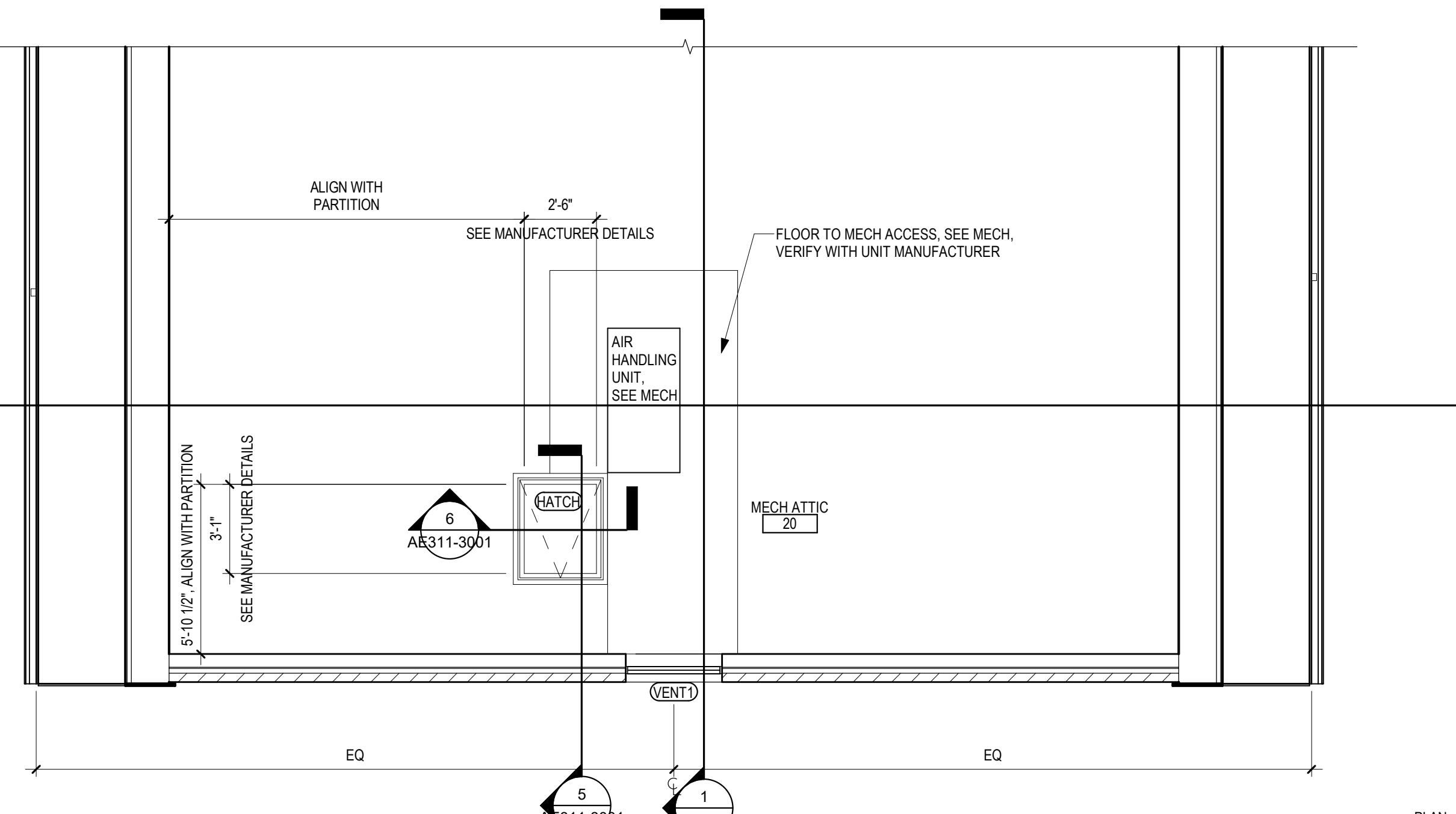
**EQUIPMENT SCHEDULE - MAINTENANCE 3001**

EQUIPMENT #	EQUIPMENT NAME	ACQUISITION CODE	QTY
AS030	FOLDING SHOWER SEAT	CC	2
AS075	SOAP DISPENSER	CC	3
AS080	PAPER TOWEL DISPENSER	CC	1
AS082	HANDS FREE PAPER TOWEL DISPENSER	CC	3
AS090	DISPENSER, SANITARY NAPKIN	CC	1
AS145	HOOK, GARMENT, DOUBLE	CC	7
AS170	HOOD, SHOWER CURTAIN	CC	2
AS200	DISPENSER, TOILET PAPER	CC	3
K1552	BREWER, COFFEE, AUTO	CC	1
K4665	OVEN, MICROWAVE	CC	2
R7250	REFRIGERATOR/FREEZER	CC	1
U001	MOP HOLDER	CC	1

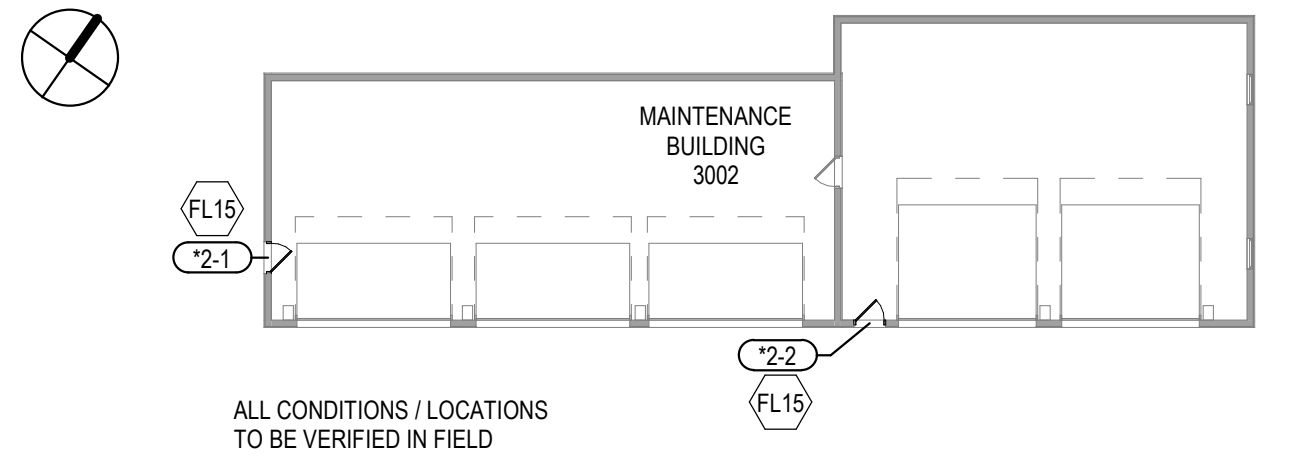
**VA ACQUISITION CODE LEGEND**

CONTRACTOR FURNISHED AND INSTALLED	CC
VA FURNISHED - CONTRACTOR INSTALLED	VC
VA FURNISHED AND INSTALLED	VV
VA FURNISHED - CONTRACTOR INSTALLED WITH CONSTRUCTION FUNDS	V(C)CF
VA FURNISHED - VA INSTALLED WITH CONSTRUCTION FUNDS	V(V)CF
RELOCATED	R

SEE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED (CC) EQUIPMENT NOT INDICATED ON EQUIPMENT SCHEDULE.



**2 PARTIAL ATTIC PLAN - MAINTENANCE 3001**  
1/4" = 1'-0"



**3 ARCH SITE PLAN**  
1" = 20'-0"

**Revisions:**

Revisions:	Date:

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Professional Engineer Seal for Thomas A. Glesak, State of Minnesota, License # 9335. Date: 10/31/2022.

**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

**Drawing Title**  
FLOOR PLANS

**Approved:**

**Phase**  
BID DOCUMENTS SUBMITTAL

**Project Title**  
BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS

**Project Number**  
884-CM-3015

**Building Number**  
3001

**Drawing Number**  
AE111-3001  
40 OF 84

**Location**  
STURGIS, SOUTH DAKOTA

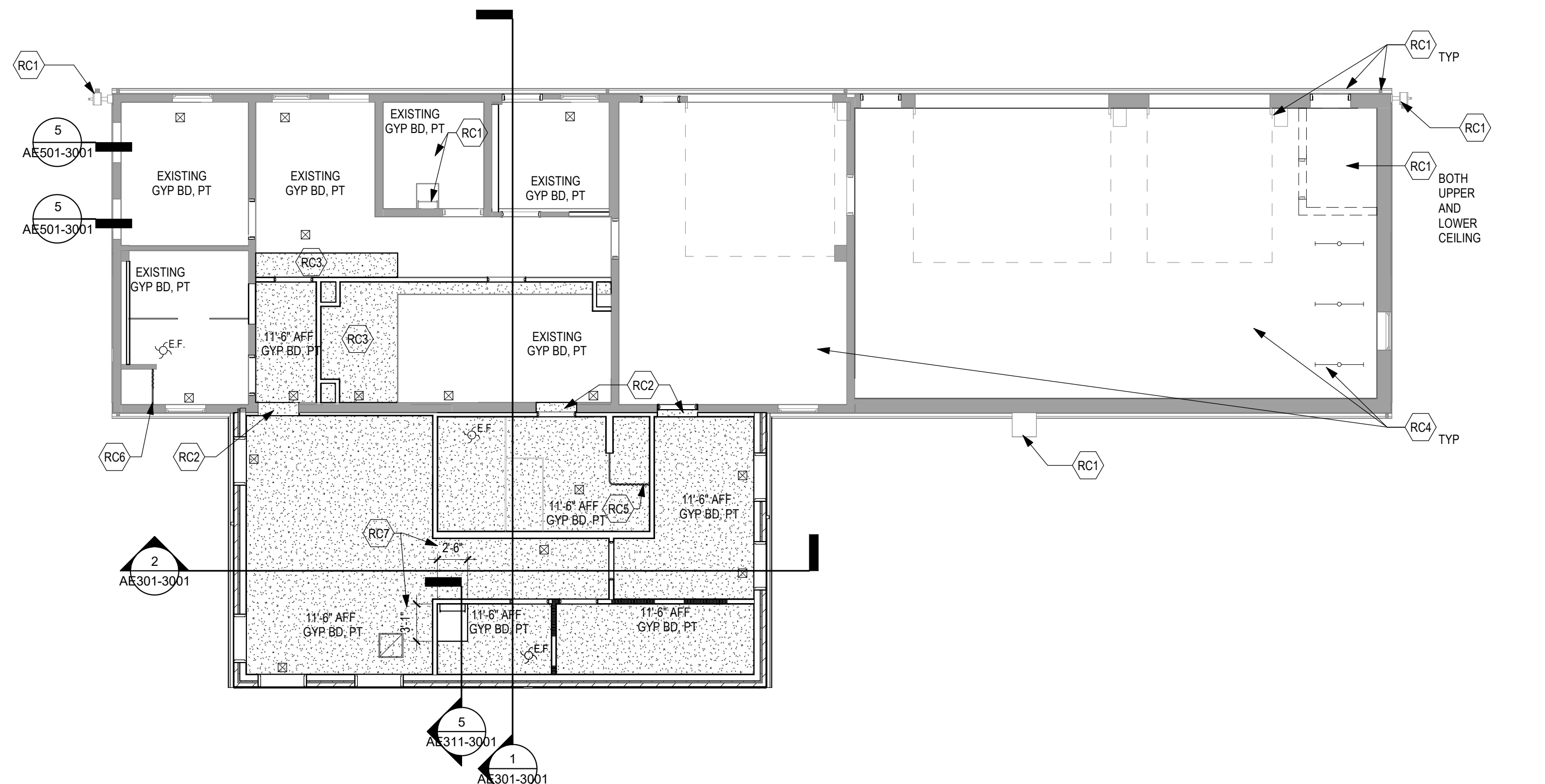
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10-31-22

**Checked**  
LA

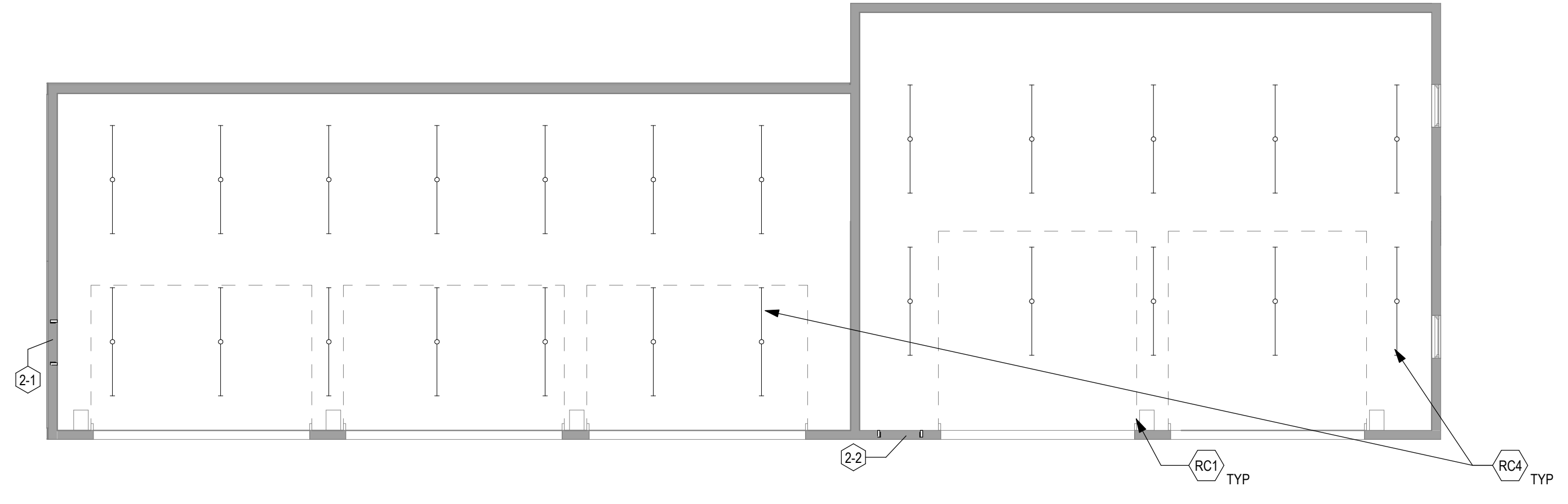
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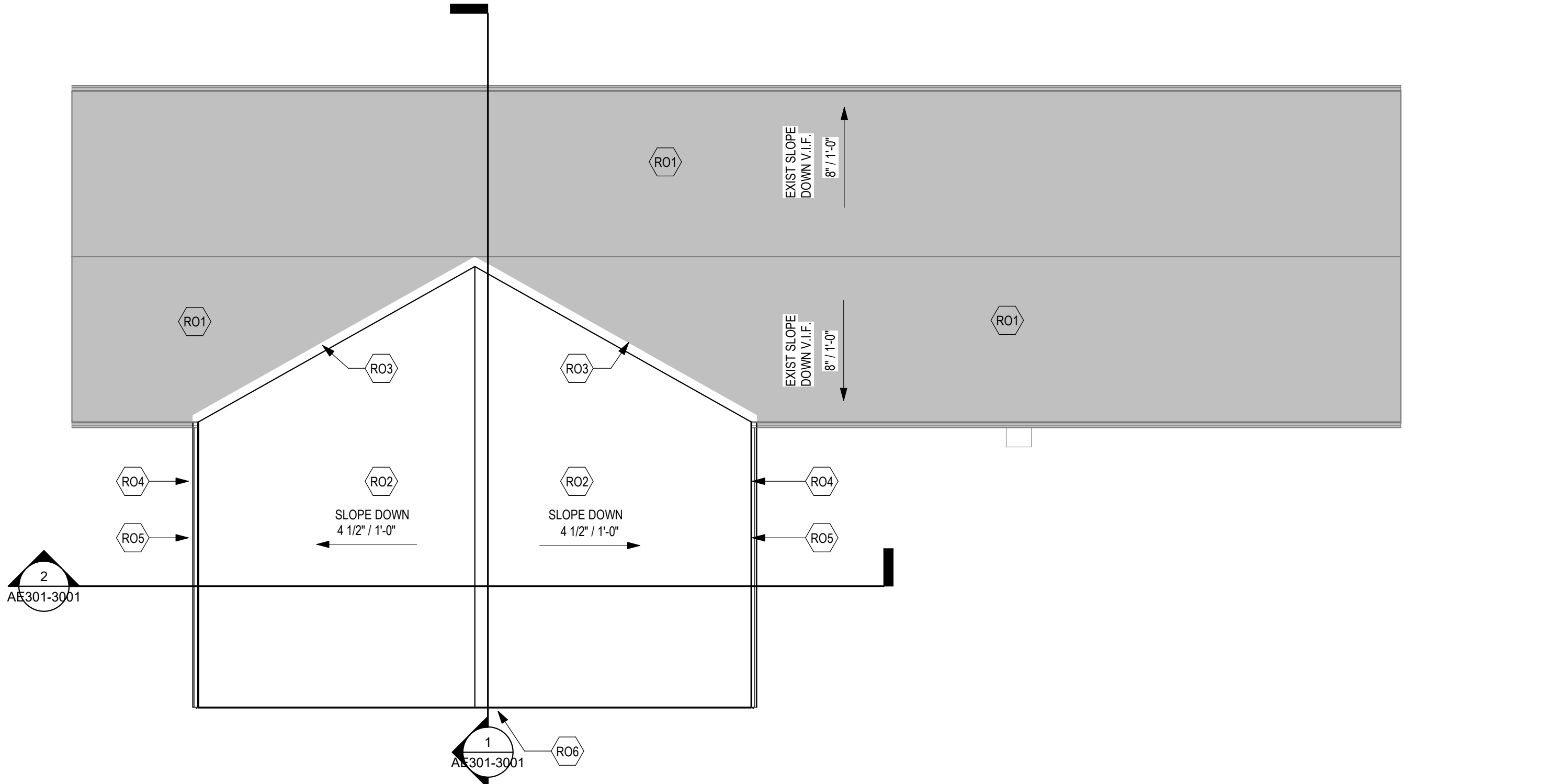
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**2 REFLECTED CEILING PLAN - MAINTENANCE 3001**  
1/8" = 1'-0"  
0 4' 8' 16'  
PLAN NORTH TRUE NORTH



**3 REFLECTED CEILING PLAN - MAINTENANCE 3002**  
1/8" = 1'-0"  
0 4' 8' 16'  
PLAN NORTH TRUE NORTH



**1 ROOF PLAN - MAINTENANCE 3001**  
1/8" = 1'-0"  
0 4' 8' 16'  
PLAN NORTH TRUE NORTH

**ROOF KEYED NOTES**

- RO1) EXISTING SHINGLE ROOF WITH GABLE VENT. VERIFY IN FIELD.
- RO2) ASPHALT SHINGLE ROOF OVER PLYWOOD. MATCH EXISTING.
- RO3) VALLEY FLASHING. SEE SPECIFICATIONS.
- RO4) GUTTER EXTENSION. TIE INTO EXISTING. PROVIDE SUFFICIENT SIZE, LENGTH AND DOWNSPOUT QUANTITY.
- RO5) DOWNSPOUT. SEE SPECIFICATION AND CIVIL DRAWINGS.
- RO6) GABLE VENT / LOUVERS. PROVIDE DEMOUNTABLE SYSTEM TO PROVIDE ACCESS FOR ATTIC HVAC. SEE MECHANICAL.

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

**RCP GENERAL NOTES**

1. GENERAL CONTRACTOR TO COORDINATE ALL CEILING MOUNTED EQUIPMENT SUPPORT REQUIREMENTS, LOCATIONS, DIMENSIONS, ETC WITH EQUIPMENT SUPPLIER AND OWNER, PRIOR TO INSTALLATION.
2. ALL CEILING MOUNTED ITEMS SUCH AS LIGHT FIXTURES, GRILLES, DIFFUSERS, SPEAKERS, EXIT LIGHTS, ETC SHALL BE LOCATED IN THE CENTER OF GYP BD SOFFITS UNLESS NOTED OTHERWISE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
3. PROVIDE L.E.D. LIGHT FIXTURES, UNO. SEE ELECTRICAL DRAWINGS FOR LIGHTING TYPES AND LOCATIONS.
4. SEE MECHANICAL DRAWINGS FOR SPRINKLER HEAD TYPES AND LOCATIONS.
5. **CEILINGS TO MATCH CONSTRUCTION AND ELEVATION OF EXISTING.** PATCH AND REPAIR AS REQUIRED. PAINT.
6. LIGHT FIXTURES WITHIN A ROOM SHALL ALIGN AND BE ORIENTED PERPENDICULAR OR PARALLEL TO PARTITIONS AND WALLS. ENSURE COMMON CENTERLINE ALIGNMENT AND EQUAL SPACING. COORDINATE PLACEMENT WITH MECHANICAL, ELECTRICAL, PLUMBING, AND LOW VOLTAGE.
7. GYP CEILING INFILL REPRESENTED WITH BORDER 'SEAMS' TO DEPICT POSSIBLE EXTENT OF INFILL. EXTENT OF INFILL DEPENDENT ON DEMOLITION. CONSTRUCT, PATCH, AND FINISH CEILINGS TO BE SEAMLESS.

**REFLECTED CEILING PLAN SYMBOLS**

	GSPD CEILING / SOFFIT		1'-0" x 4'-0" LIGHT FIXTURE
	ACCESS PANEL		CEILING MOUNTED HVAC. SEE MECH
	MECHANICAL SUPPLY GRILL		STRIP LIGHT FIXTURE
	MECHANICAL RETURN GRILL		PENDANT STRIP LIGHT FIXTURE
	MECHANICAL LINEAR SUPPLY GRILL		RECESSED LIGHT FIXTURE
	9'-0" AFF ACT		WALL SCONCE LIGHT FIXTURE
	E.F.		

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

**REFLECTED CEILING KEYED NOTES**

- RC1) EXIST BUILDING COMPONENT, TO REMAIN.
- RC2) GYP SOFFIT. PATCH AND REPAIR AS REQUIRED. PAINT.
- RC3) GYP CEILING INFILL TO MATCH CONSTRUCTION AND ELEVATION OF EXISTING. PATCH AND REPAIR AS REQUIRED. PAINT.
- RC4) REPLACE TUBE FLUORESCENT FIXTURES WITH L.E.D. FIXTURES. SEE ELECTRICAL. PROVIDE CEILING TOUCH UP REPAIRS AS NECESSARY. PAINT CEILING.
- RC5) CHROME SHOWER CURTAIN ROD AND XL SHOWER CURTAIN. 84" AFF. WALL MOUNT ENDS AND SUSPEND FROM ABOVE STRUCTURE WITH XL SUSPENSION ROD
- RC6) CHROME SHOWER CURTAIN ROD AND XL SHOWER CURTAIN. 84" AFF. WALL MOUNT ENDS.
- RC7) ALIGN TO ROOF HATCH

**CEILING FINISH SCHEDULE**

RM NO.	NAME	CEILING FINISH
1	MAINTENANCE BUILDING 3002	GWB (P-5)
2	OPEN OFFICE	GWB (P-5)
3	FOREMAN'S OFFICE	GWB (P-5)
4	WOMEN'S LOCKERS	GWB (P-5)
5	HALLWAY	GWB (P-5)
6	HALLWAY	GWB (P-5)
7	MECHANICAL	GWB (P-5)
8	EYEWASH BOOT WASH	GWB (P-5)
9	MEN'S LOCKERS	GWB (P-5)
10	GARAGE	GWB (P-5)
11	BAY 1	GWB (P-5)
12	BAY 2	GWB (P-5)
13	EQUIPMENT STORAGE	GWB (P-5)
14	FLAMMABLE STORAGE	GWB (P-5)
15	BREAKROOM/ LOUNGE	GWB (P-5)
16	HALLWAY	GWB (P-5)
17	MEN'S TOILET	GWB (P-5)
18	MECHANICS OFFICE	GWB (P-5)
19	DATA SECURITY	GWB (P-5)
20	HAC	GWB (P-5)

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

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Revisions:	Date:

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Anderson Engineering of Minnesota, LLC | Proj # 16409

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DATE: 10/31/2022  
License # 9335

**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**ROOF PLAN AND REFLECTED CEILING PLANS**

Approved: \_\_\_\_\_

Phase  
**BID DOCUMENTS SUBMITTAL**

Project Title  
**BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS**

Location  
STURGIS, SOUTH DAKOTA

Issue Date  
10-31-22

Checked  
LA

Drawn  
EM

Project Number  
**884-CM-3015**

Building Number  
**3001**

Drawing Number  
**AE112-3001**  
41 OF 84

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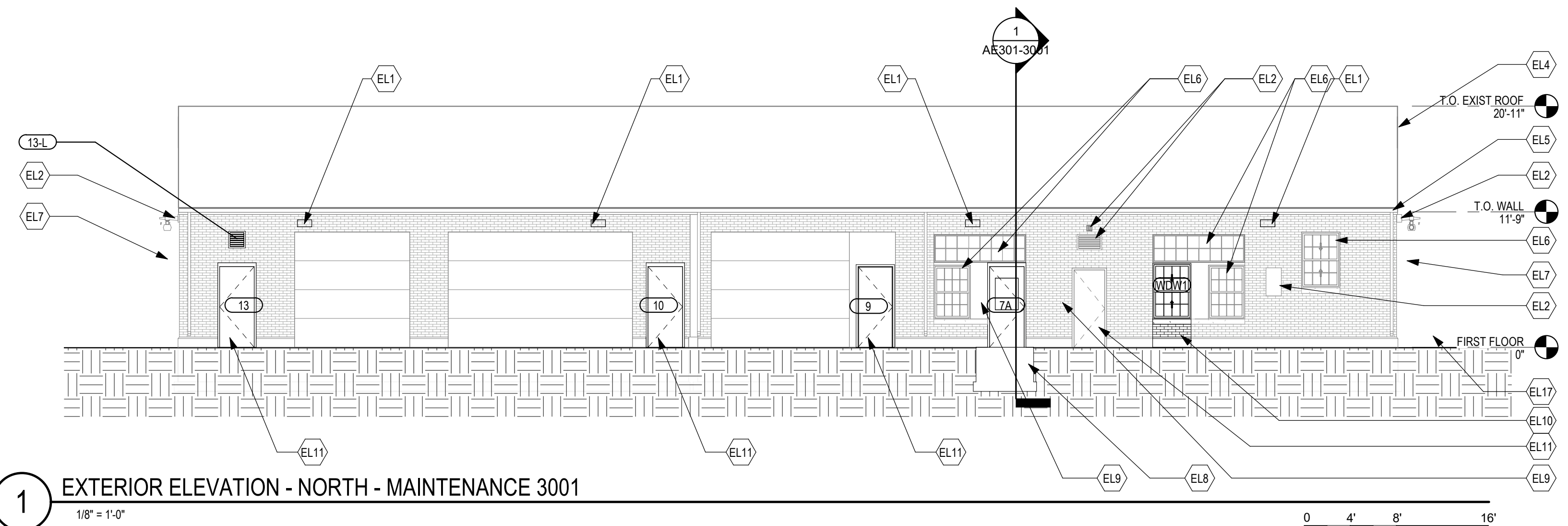
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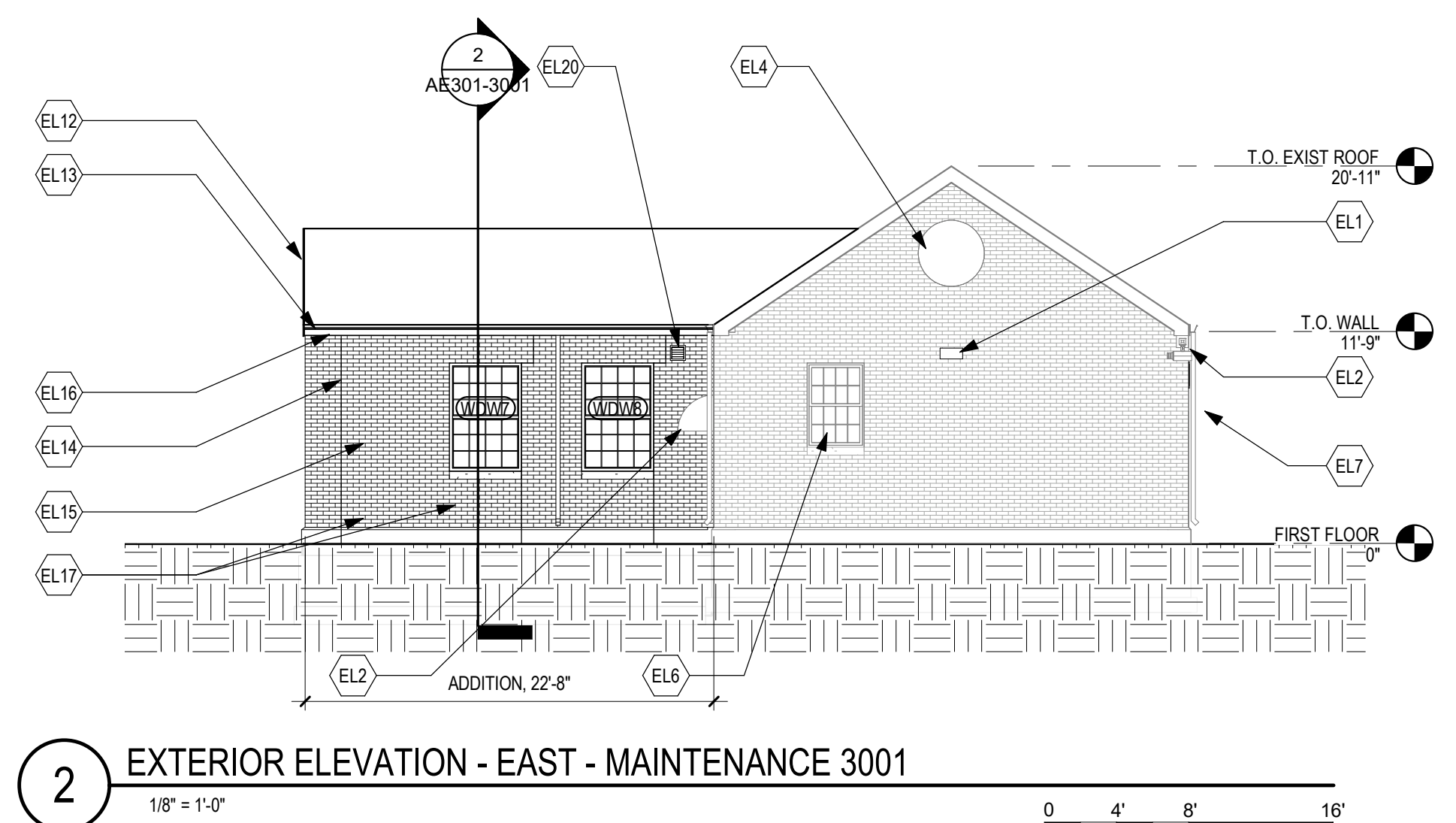
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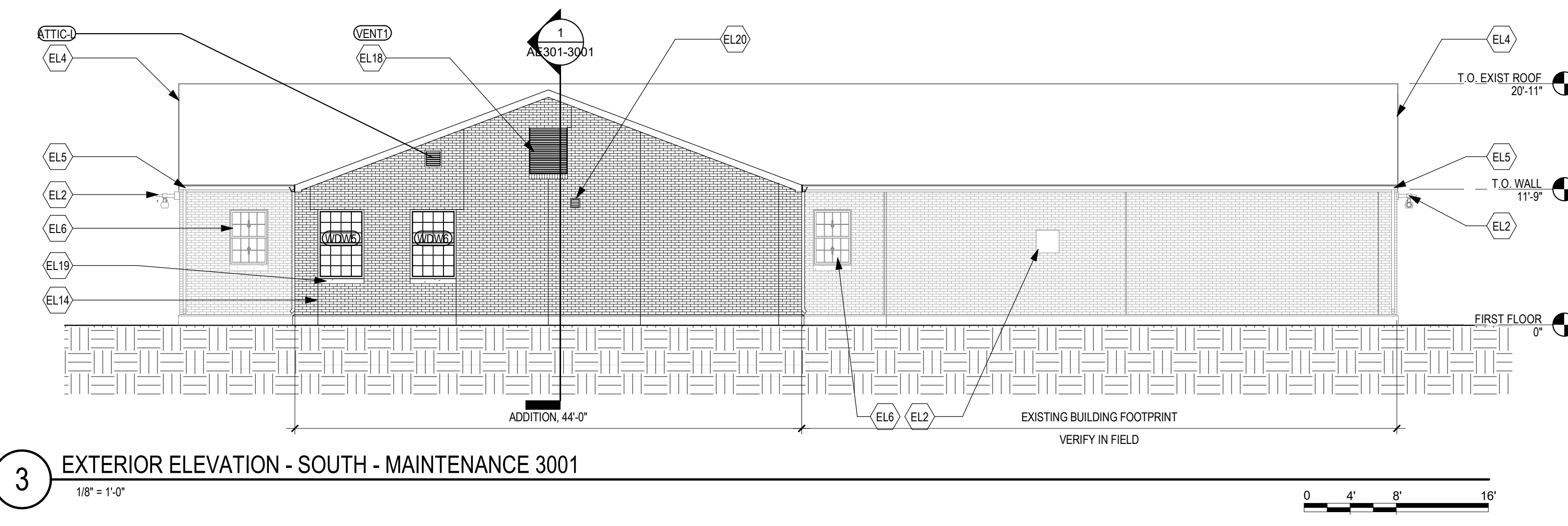
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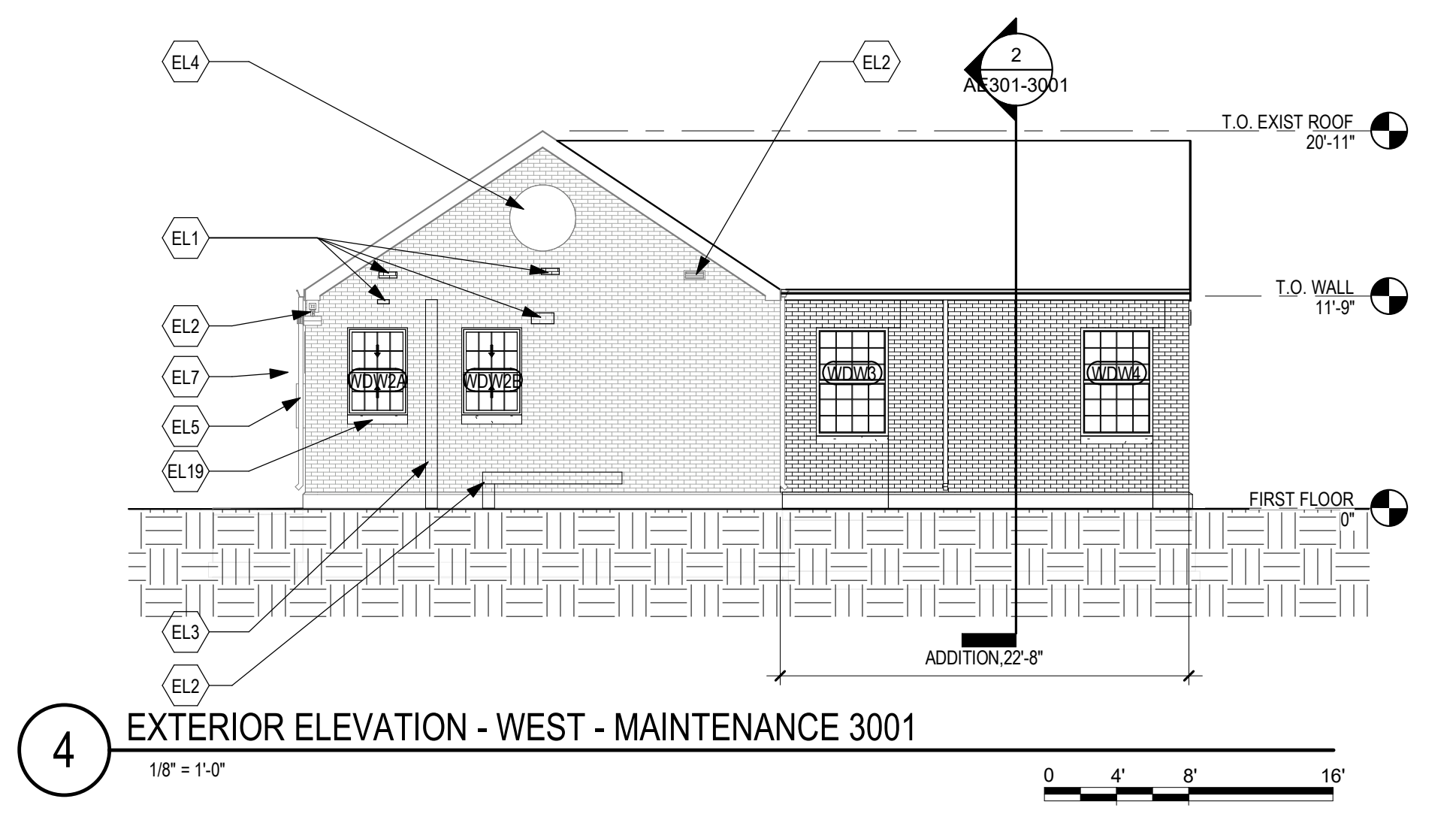
1 EXTERIOR ELEVATION - NORTH - MAINTENANCE 3001  
1/8" = 1'-0"



2 EXTERIOR ELEVATION - EAST - MAINTENANCE 3001  
1/8" = 1'-0"



3 EXTERIOR ELEVATION - SOUTH - MAINTENANCE 3001  
1/8" = 1'-0"



4 EXTERIOR ELEVATION - WEST - MAINTENANCE 3001  
1/8" = 1'-0"

ELEVATION KEYED NOTES		
(EL1) PATCH EXIST MASONRY WITH SALVAGED MASONRY AT REMOVED FIXTURE	(EL9) CARD READER, TYPICAL. SEE ELECTRICAL	(EL17) ON GRADE MECHANICAL EQUIPMENT, SEE MECHANICAL
(EL2) FIXTURE TO REMAIN	(EL10) INFILL WALL OPENING TO MATCH EXISTING ADJACENT WALL CONSTRUCTION. REUSE SALVAGED MASONRY. SEE DETAIL 12 / AE501-3001	(EL18) GABLE VENT/ LOUVER DEMOUNTABLE FOR EQUIPMENT DELIVERY
(EL3) COORDINATE WITH MEP, RELOCATED CONDUIT	(EL11) DOOR WITH CARD READER. MATCH OPENING SIZE TO EXISTING. COORDINATE DOOR HARDWARE.	(EL19) CAST STONE SILL TYPICAL. MATCH EXIST
(EL4) EXIST SHINGLE ROOF WITH GABLE VENT	(EL12) ASPHALT SHINGLE ROOF WITH GABLE VENT. MATCH EXISTING	(EL20) WALL CAP. SEE MECHANICAL
(EL5) EXIST ALUMINUM GUTTER AND DOWNSPOUT	(EL13) GUTTER AND DOWNSPOUT. MATCH EXISTING	
(EL6) EXIST DOUBLE HUNG WINDOW	(EL14) EXPANSION JOINT, TYPICAL	
(EL7) WALL MOUNTED LIGHT FIXTURE, TYPICAL. SEE ELECTRICAL	(EL15) BRICK EXTERIOR WALL FINISH, TO MATCH EXISTING	
(EL8) STRUCTURAL STOOP. SEE STRUCTURAL	(EL16) PAINT ALL TRIM WHITE, TO MATCH EXISTING	

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH DRAWING

Revisions:	Date:

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South Dakota  
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License # 9335

Office of Construction and Facilities Management  
**VA** U.S. Department of Veterans Affairs

Drawing Title  
**EXTERIOR ELEVATIONS**

Approved: \_\_\_\_\_

Phase  
**BID DOCUMENTS SUBMITTAL**

Project Title  
**BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS**

Location  
STURGIS, SOUTH DAKOTA

Issue Date  
10-31-22

Checked  
LA

Drawn  
EM

Project Number  
**884-CM-3015**

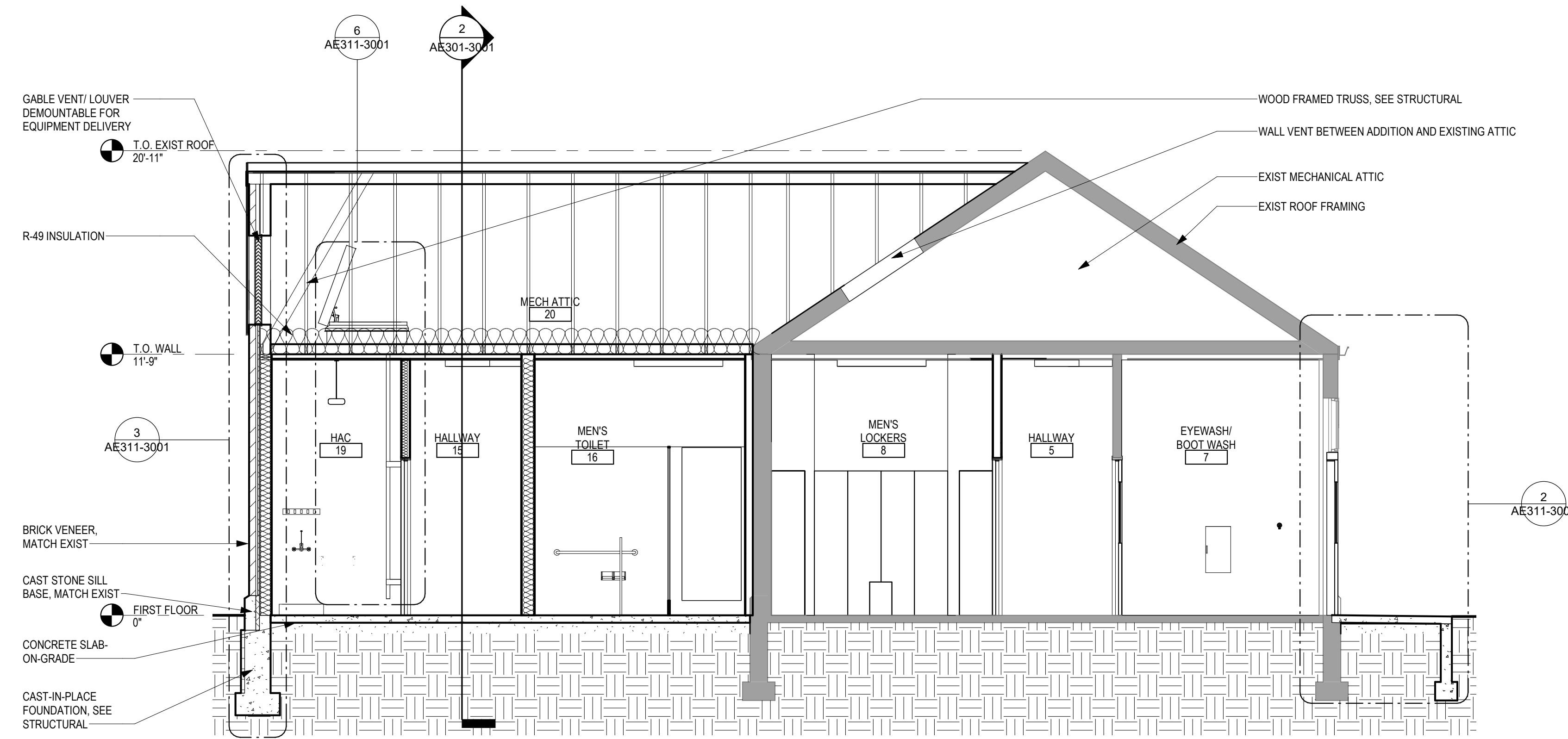
Building Number  
**3001**

Drawing Number  
**AE201-3001**  
42 OF 84

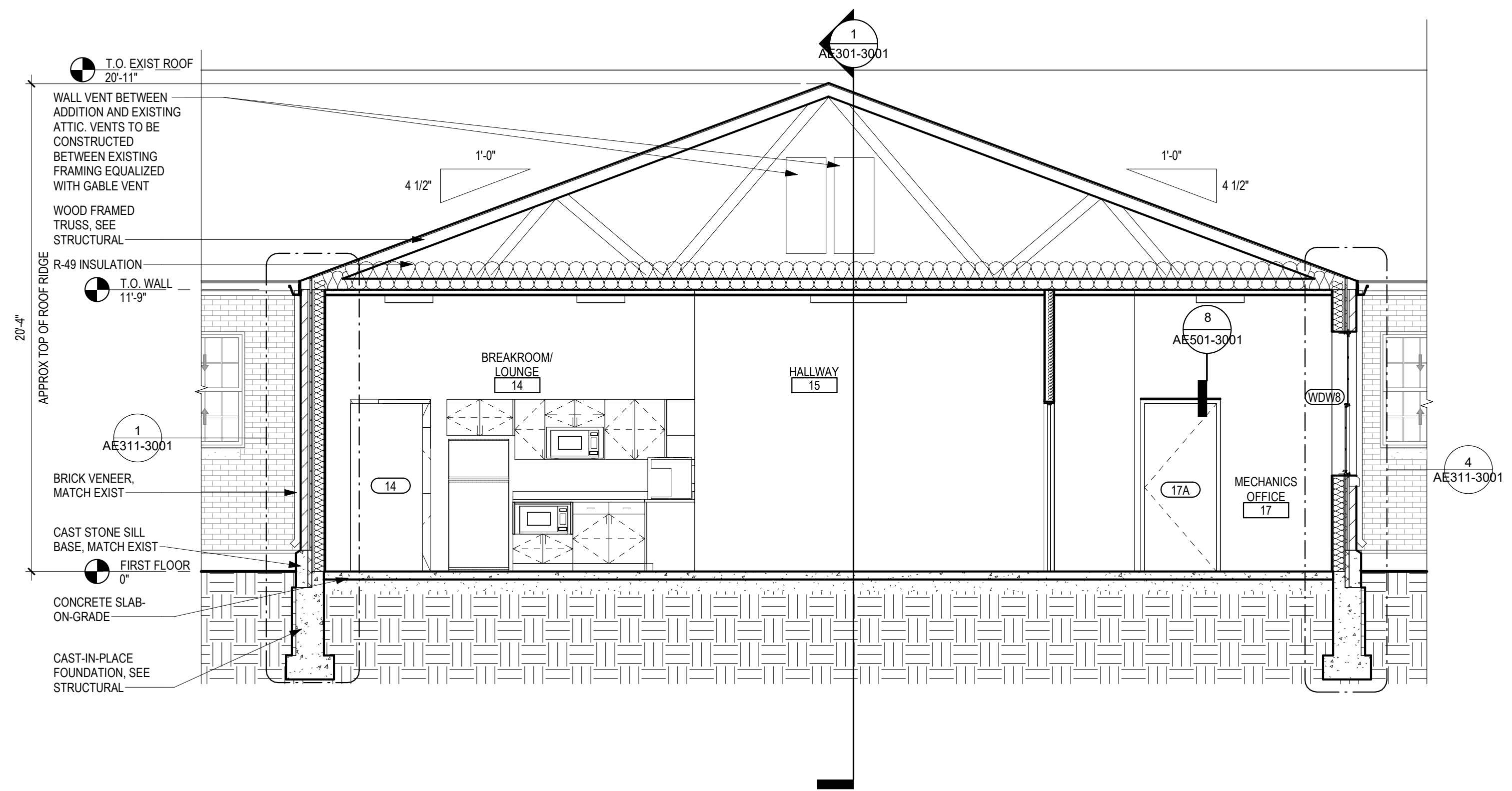
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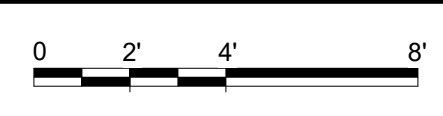
A B C D E F



1 BUILDING SECTION - NORTH / SOUTH - MAINTENANCE 3001  
1/4" = 1'-0"



2 BUILDING SECTION - WEST / EAST - MAINTENANCE 3001  
1/4" = 1'-0"



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Revisions:	Date:

CONSULTANT		
<b>MECHANICAL, ELECTRICAL, TECHNOLOGY &amp; STRUCTURAL:</b>	<b>GEO TECHNICAL:</b>	<b>COST ESTIMATING:</b>
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14755 PRESTON RD STE 845 DALLAS, TX 75254 (309) 786-5075	1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397	3285 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663

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Anderson Engineering of Minnesota, LLC | Proj # 16409

**STAMP**

PROFESSIONAL ARCHITECT  
STATE OF MINNESOTA  
MICHAEL A. GIESAK  
SOUTH DAKOTA

DATE: 10/31/2022  
License # 9335

**Office of Construction and Facilities Management**

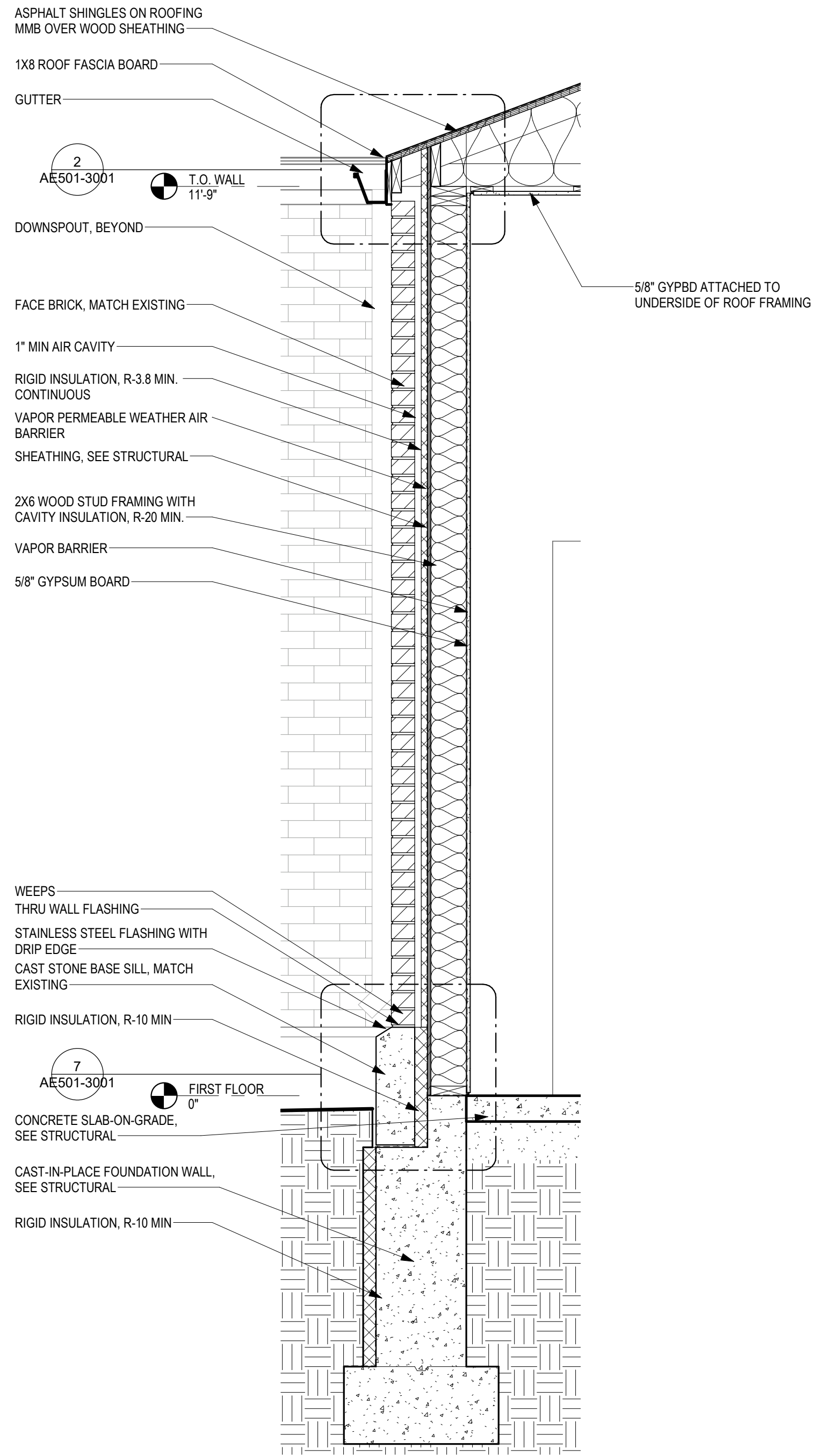
**VA** U.S. Department of Veterans Affairs

Drawing Title	<b>BUILDING SECTIONS</b>
Approved:	

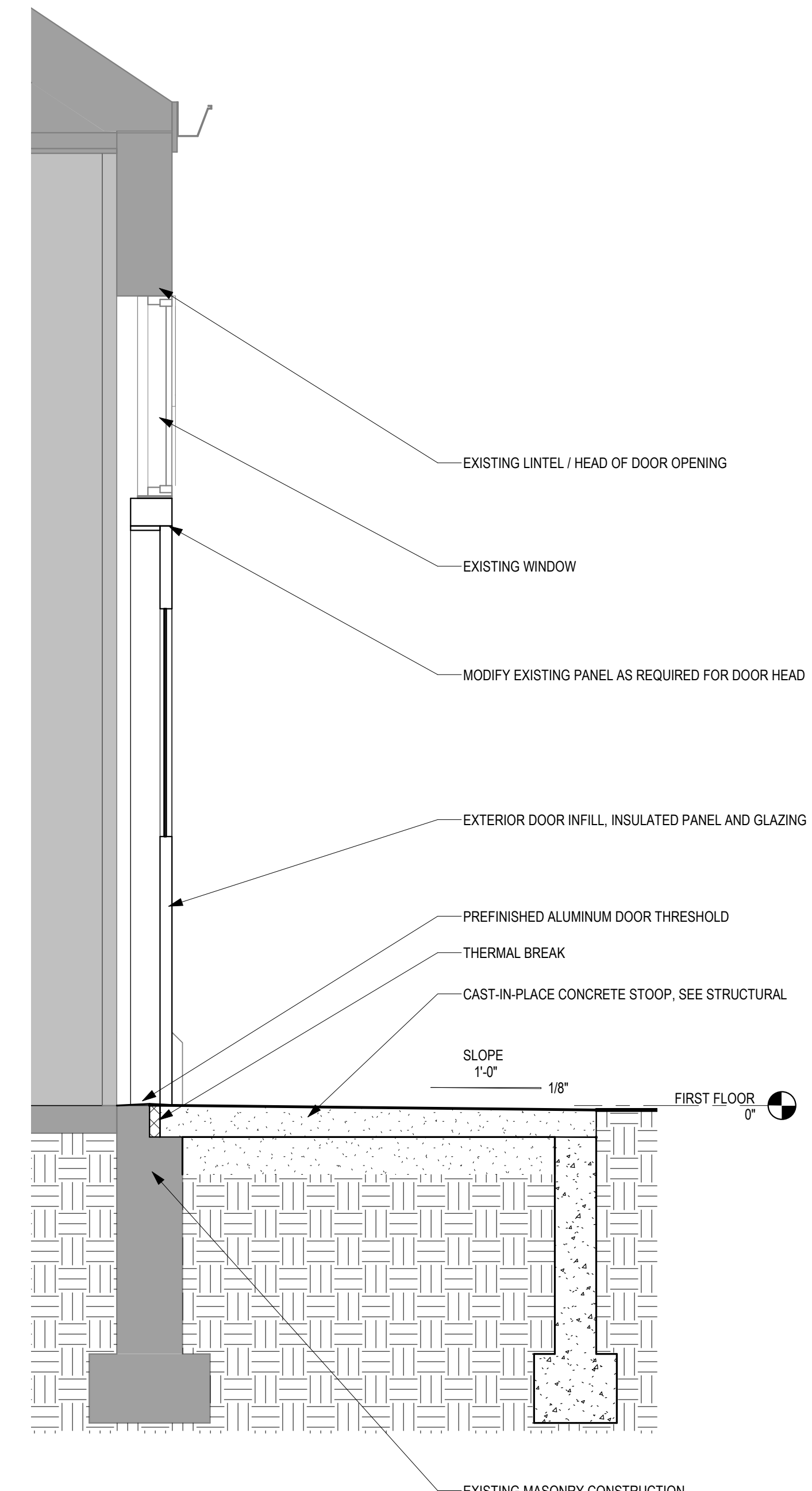
Phase	<b>BID DOCUMENTS SUBMITTAL</b>
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Project Title	<b>BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS</b>		
Location	STURGIS, SOUTH DAKOTA		
Issue Date	Checked	Drawn	
10-31-22	LA	EM	

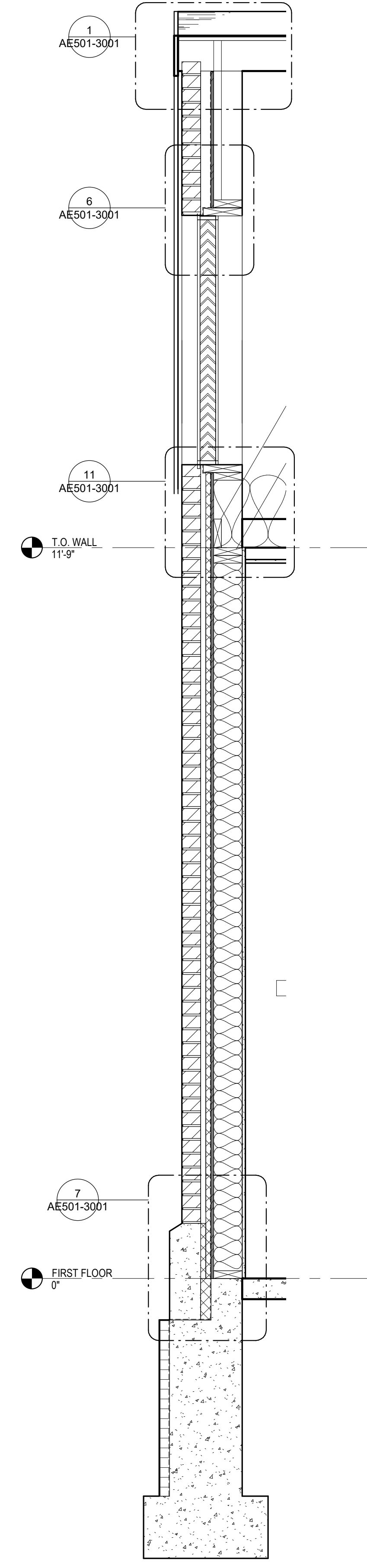
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Building Number	<b>3001</b>
Drawing Number	<b>AE301-3001</b>
	44 OF 84



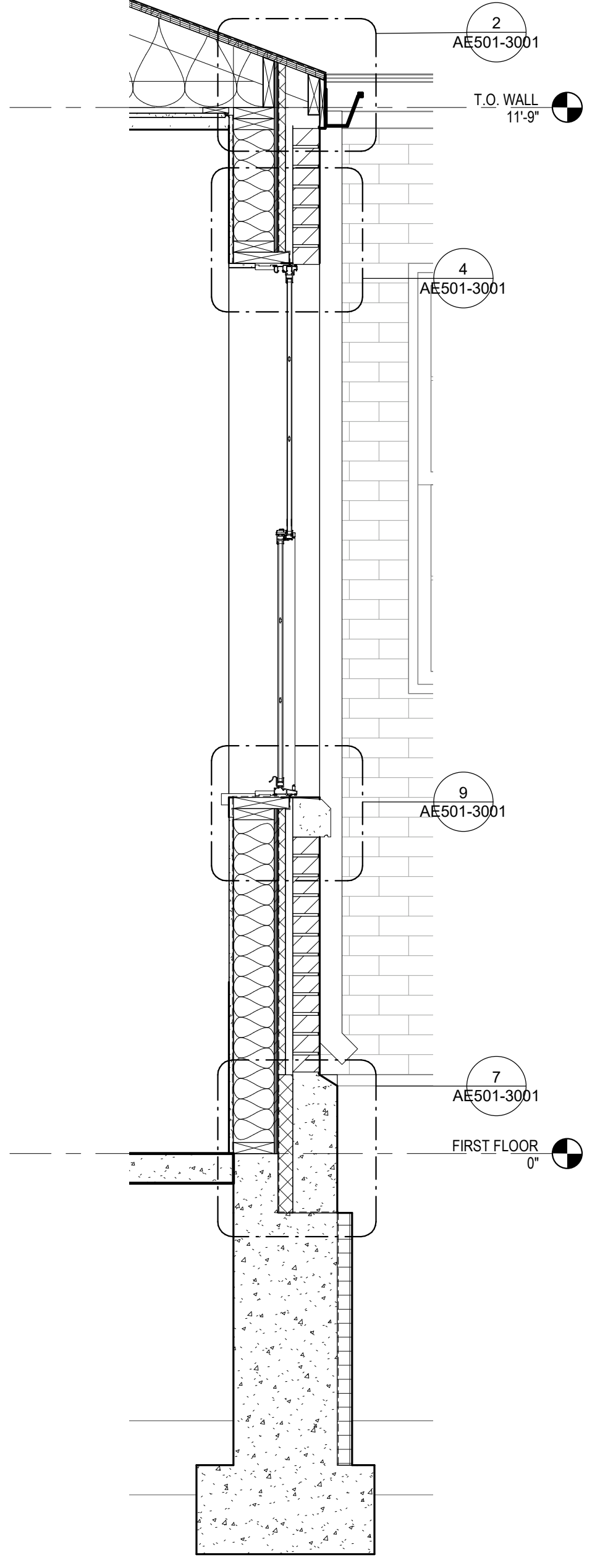
1 WALL SECTION - TYPICAL - MAINTENANCE 3001  
3/4" = 1'-0"  
0 8" 1'-4" 2'-8"



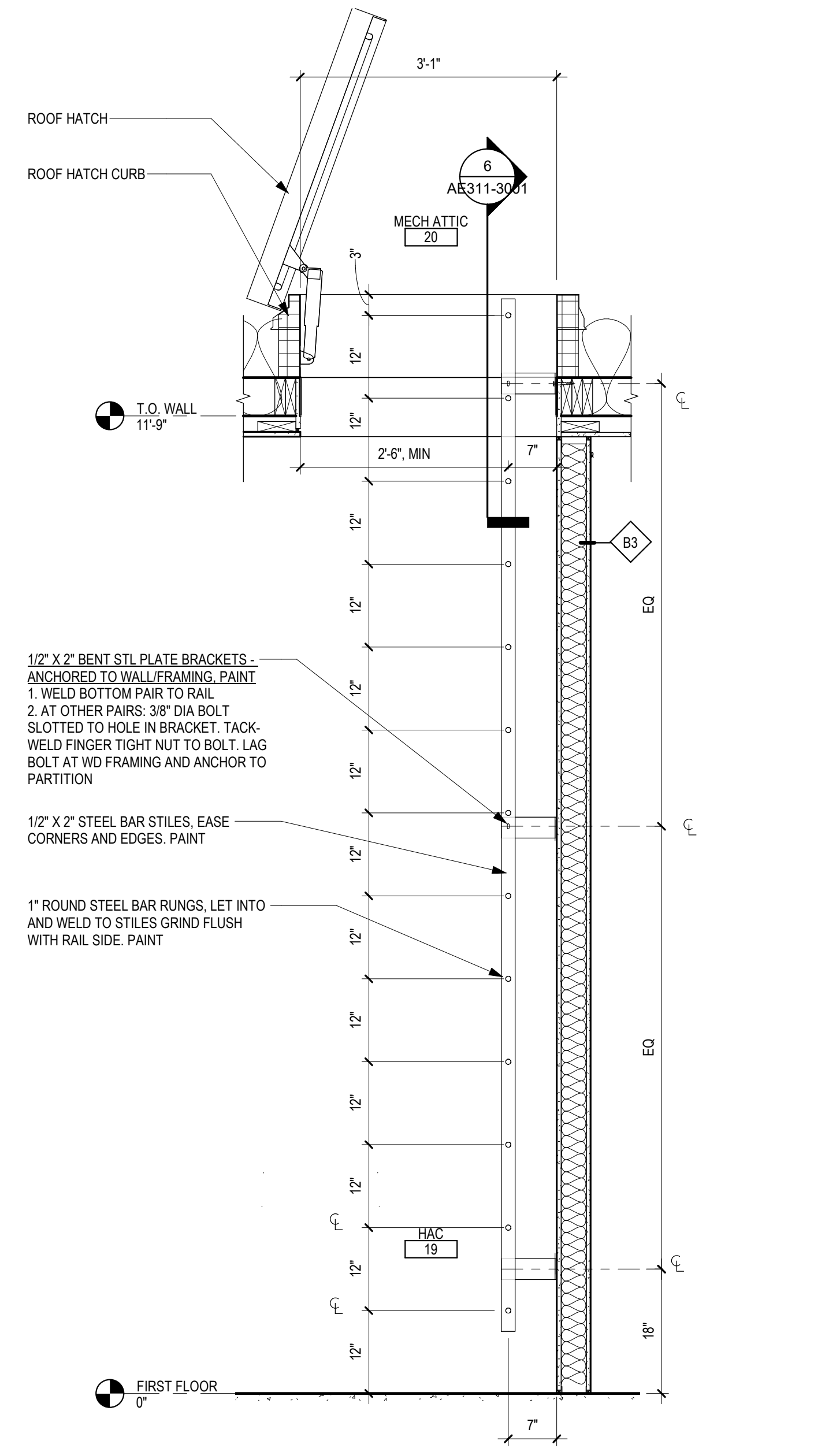
2 WALL SECTION AT DOOR  
3/4" = 1'-0"  
0 8" 1'-4" 2'-8"



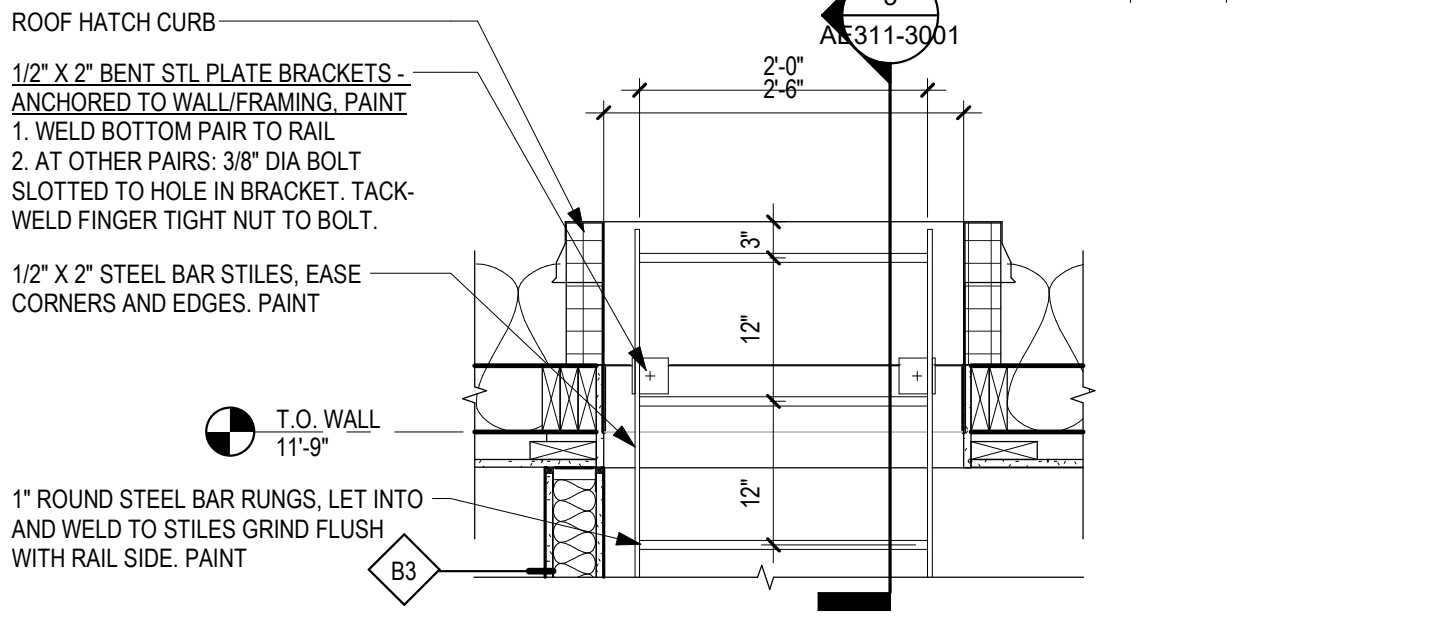
3 WALL SECTION AT GABLE  
3/4" = 1'-0"  
0 8" 1'-4" 2'-8"



4 WALL SECTION AT WDW  
3/4" = 1'-0"  
0 8" 1'-4" 2'-8"



5 SECTION - THROUGH ATTIC ACCESS  
3/4" = 1'-0"  
0 8" 1'-4" 2'-8"



6 SECTION - THROUGH ATTIC HATCH  
3/4" = 1'-0"  
0 8" 1'-4" 2'-8"

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Revisions:	Date:

**CONSULTANT**

**MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL:**  
IMEG CORP.  
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**GEOTECHNICAL:**  
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(605) 223-4397

**COST ESTIMATING:**  
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(952) 854-3663

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Anderson Engineering of Minnesota, LLC | Proj # 16409

**STAMP**

PROFESSIONAL ENGINEER  
STATE OF MINNESOTA  
MICHAEL A. GIESAK  
SOUTH DAKOTA

DATE: 10/31/2022  
License # 9335

Office of Construction and Facilities Management

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**WALL SECTIONS**

Approved: \_\_\_\_\_

Phase  
**BID DOCUMENTS SUBMITTAL**

Project Title  
**BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS**

Location  
STURGIS, SOUTH DAKOTA

Issue Date  
10-31-22

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LA

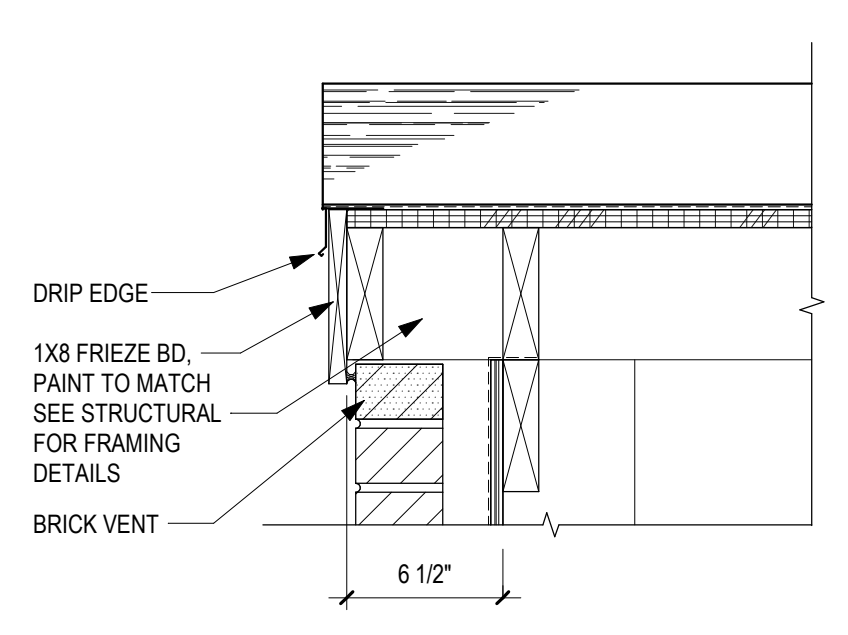
Drawn  
EM

Project Number  
884-CM-3015

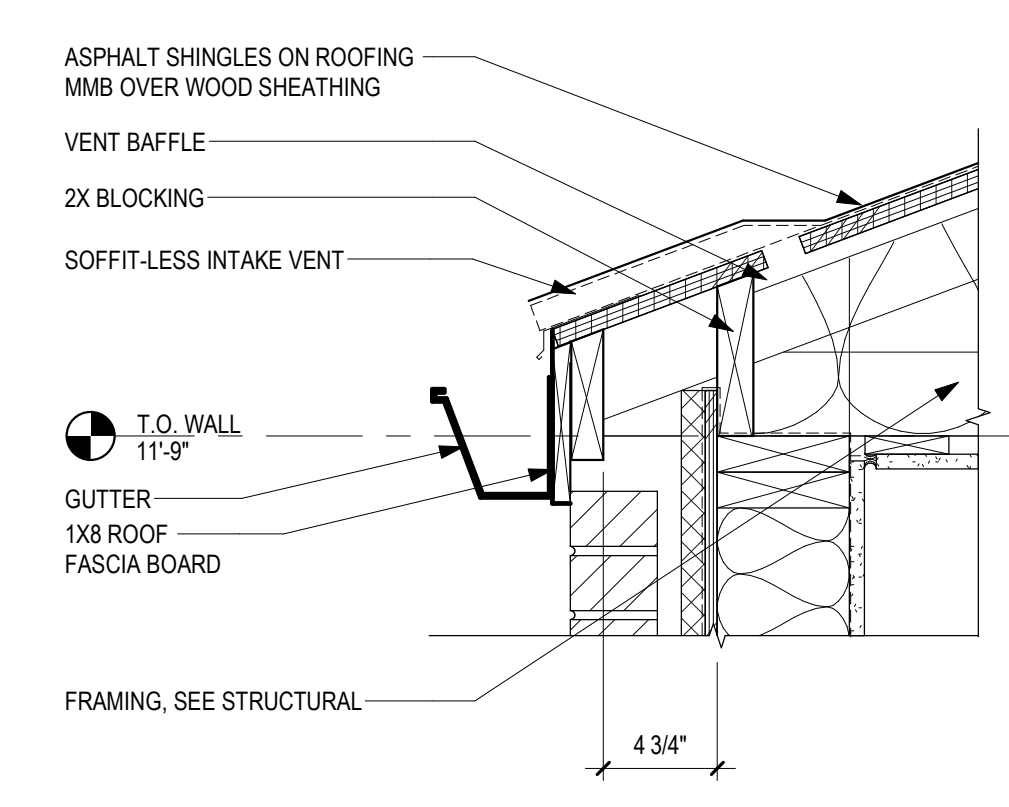
Building Number  
3001

Drawing Number  
**AE311-3001**  
45 OF 84

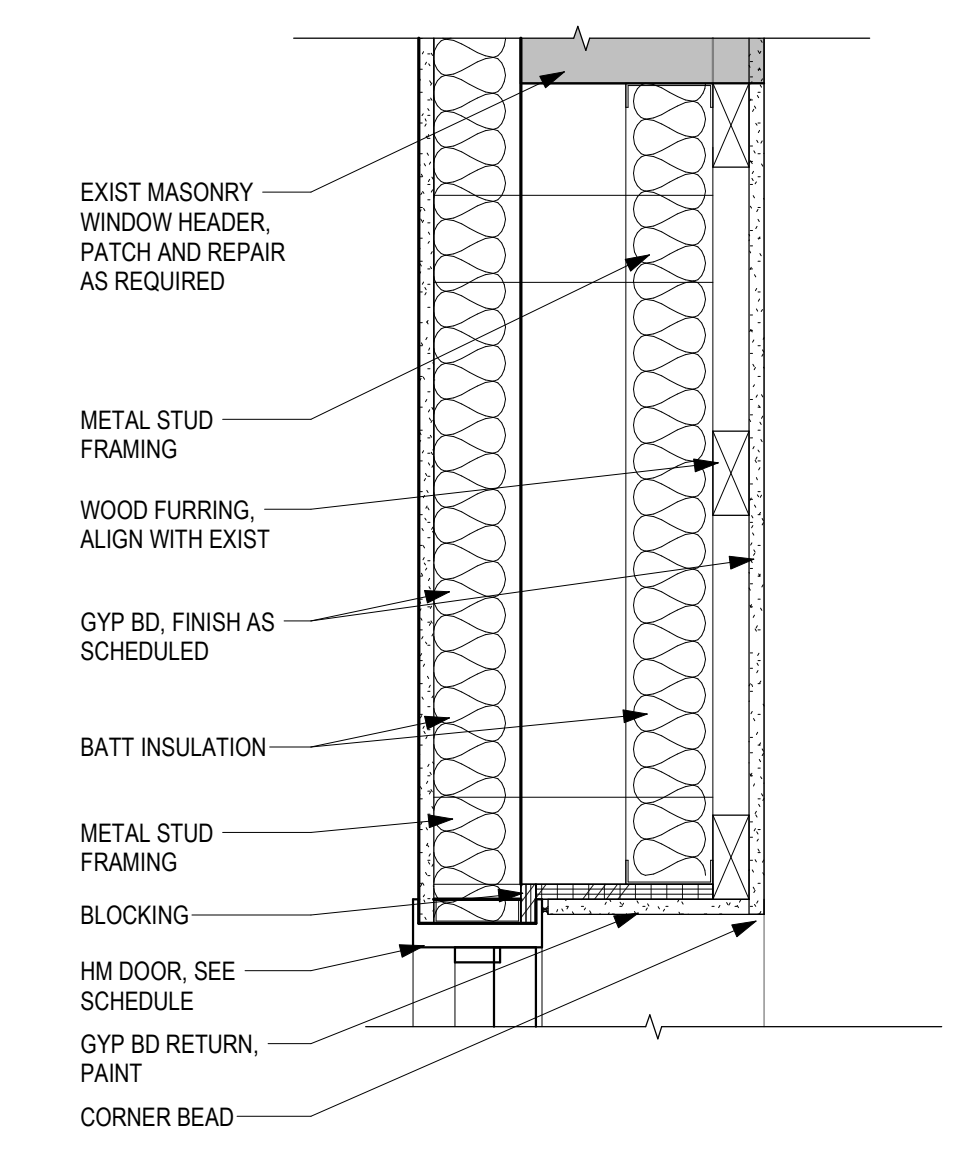
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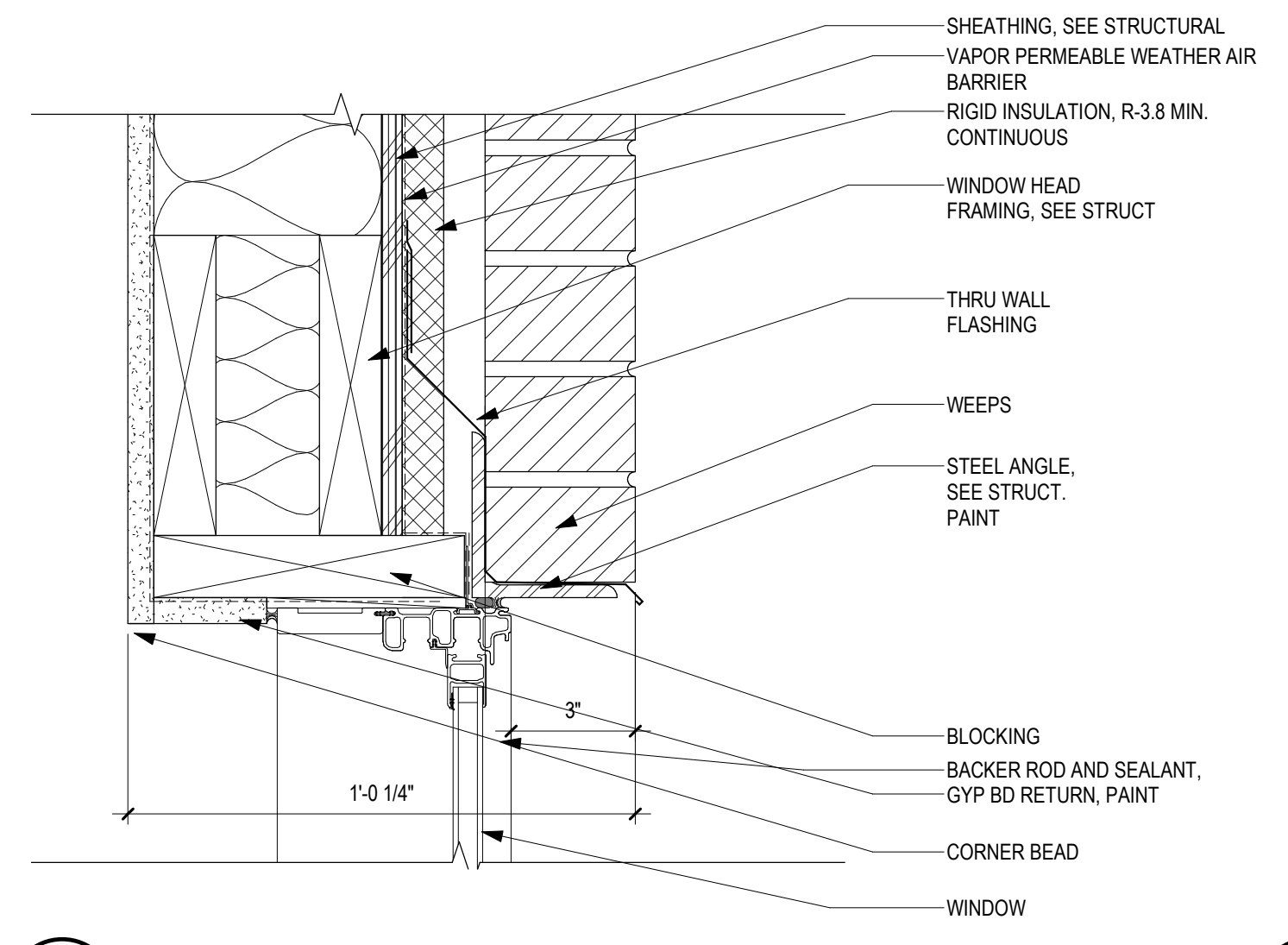
1 SECTION DETAIL - GABLE RAKE  
1 1/2" = 1'-0"



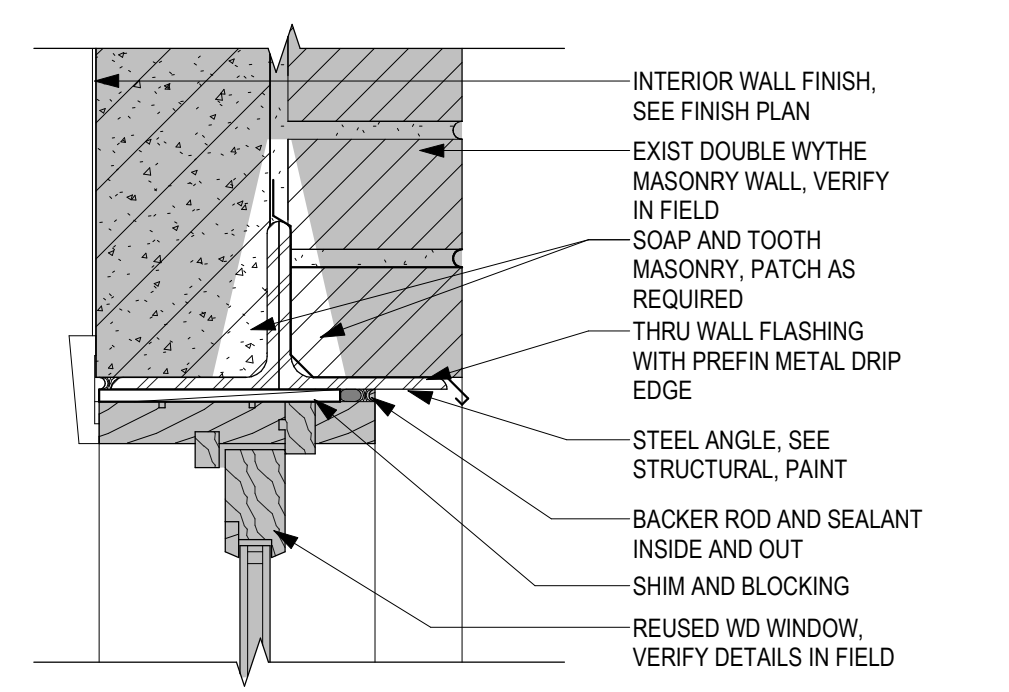
2 SECTION DETAIL - ROOF FASCIA  
1 1/2" = 1'-0"



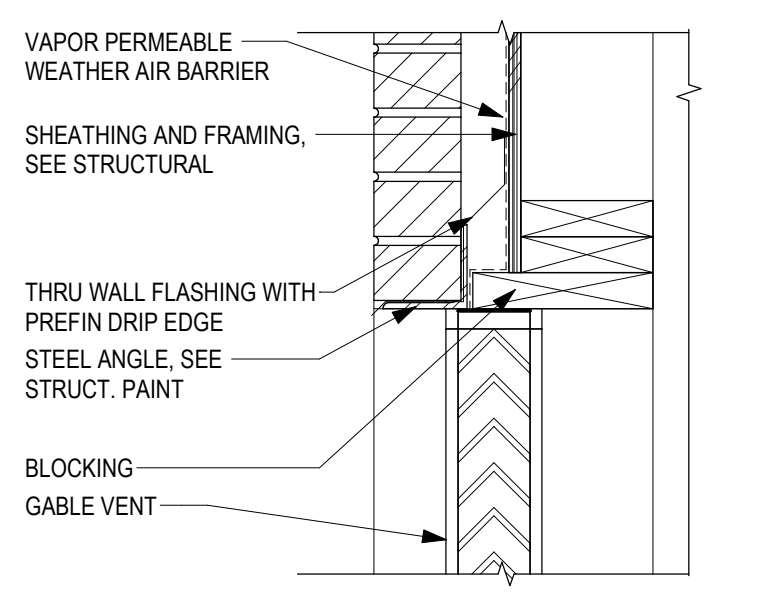
3 SECTION DETAIL - DOOR HEAD 16  
1 1/2" = 1'-0"



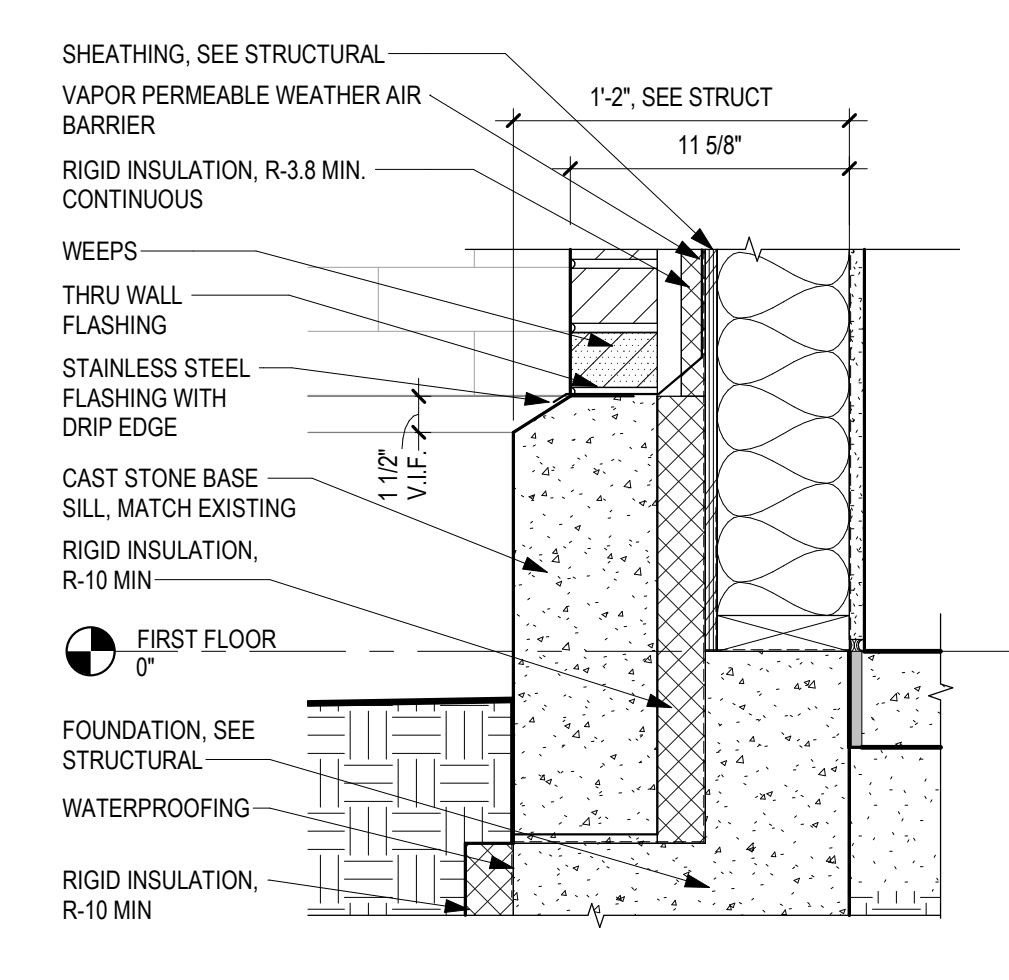
4 SECTION DETAIL - WDW HEAD  
3" = 1'-0"



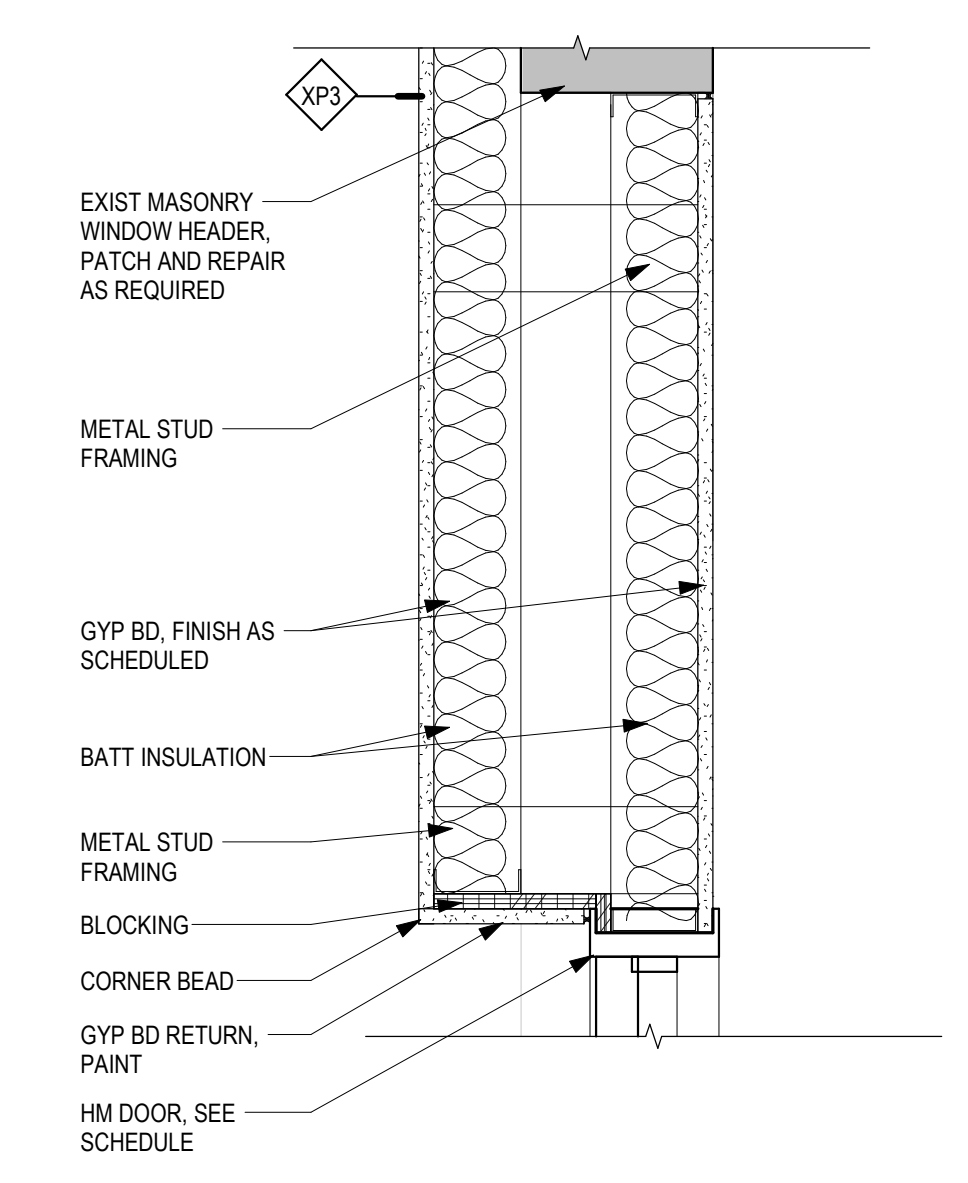
5 SECTION DETAIL - WOOD WDW HEAD  
3" = 1'-0"



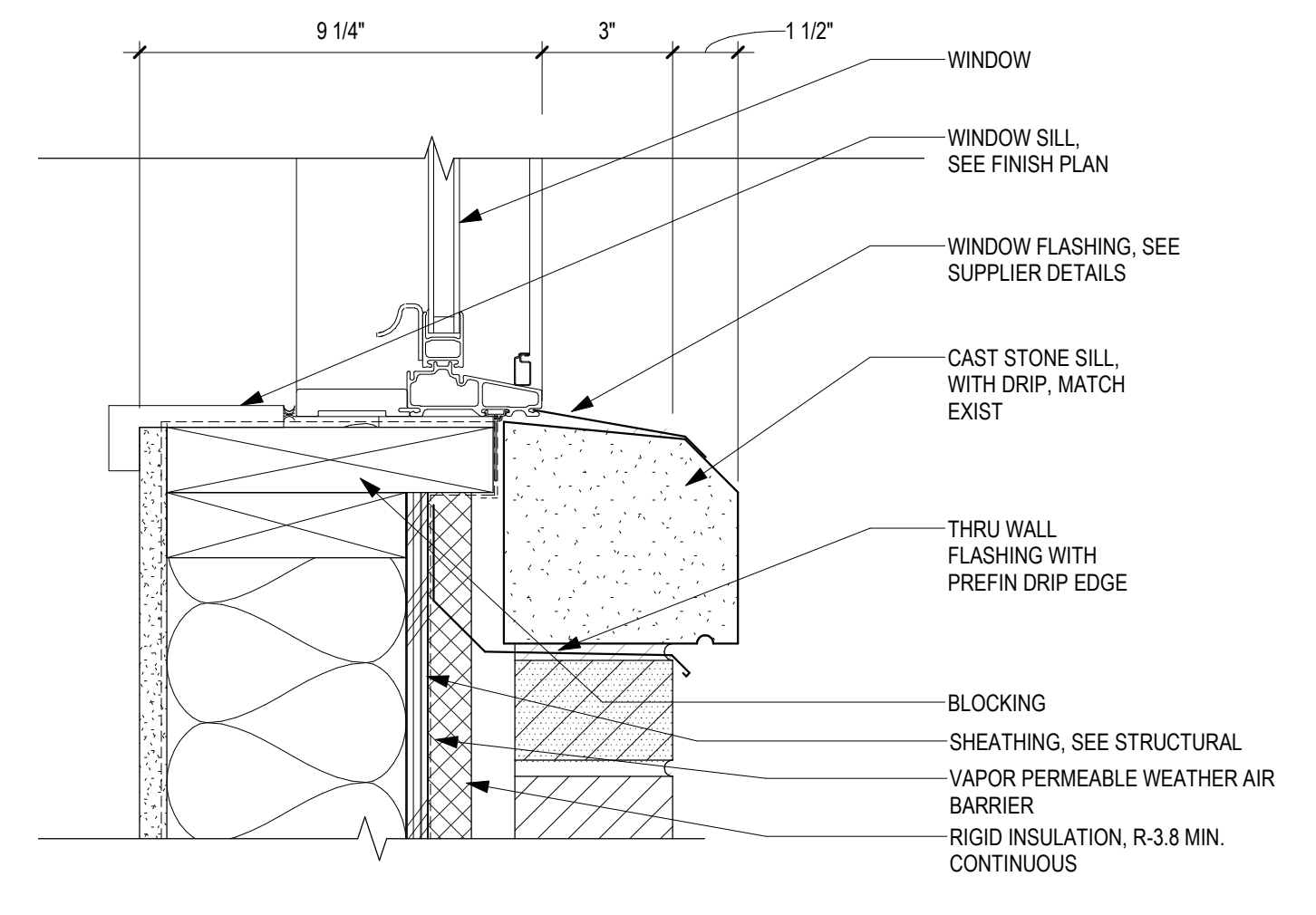
6 SECTION DETAIL - GABLE VENT HEAD  
1 1/2" = 1'-0"



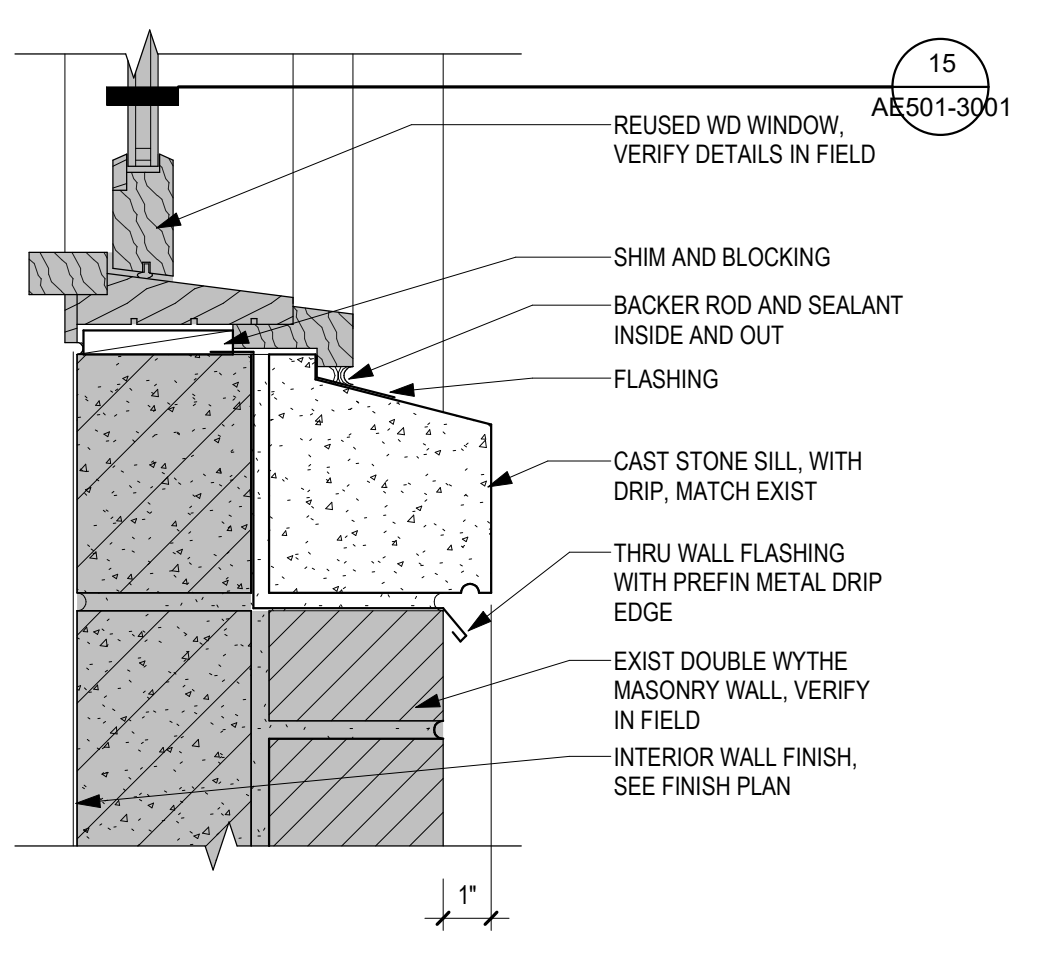
7 SECTION DETAIL - WALL BASE  
1 1/2" = 1'-0"



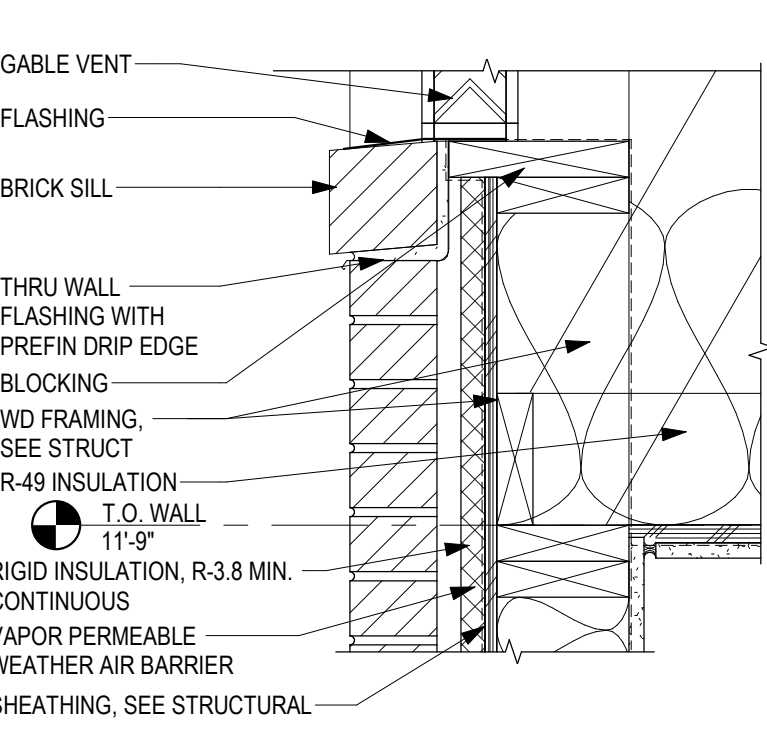
8 SECTION DETAIL - DOOR HEAD 17A  
1 1/2" = 1'-0"



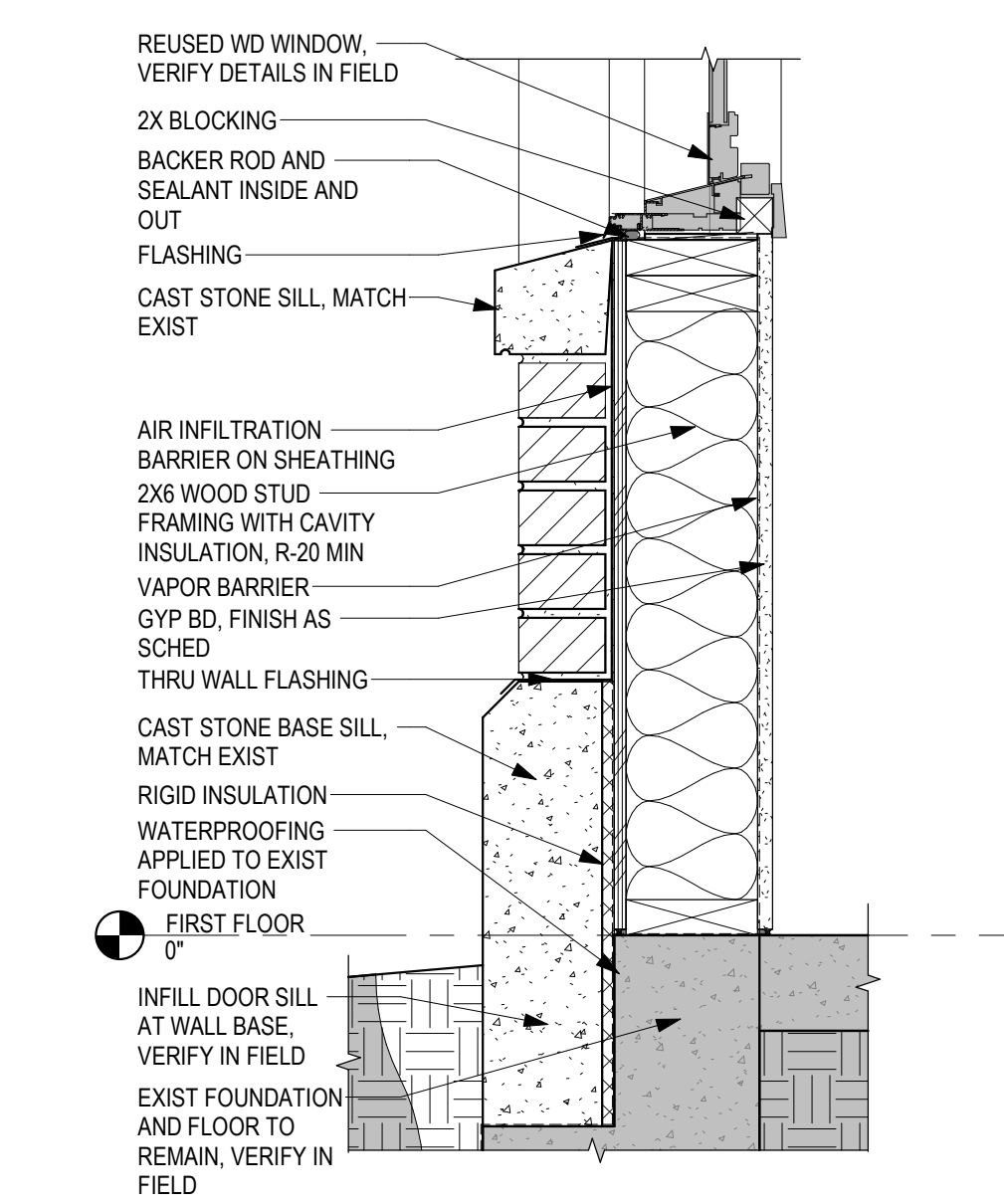
9 SECTION DETAIL - WDW SILL  
3" = 1'-0"



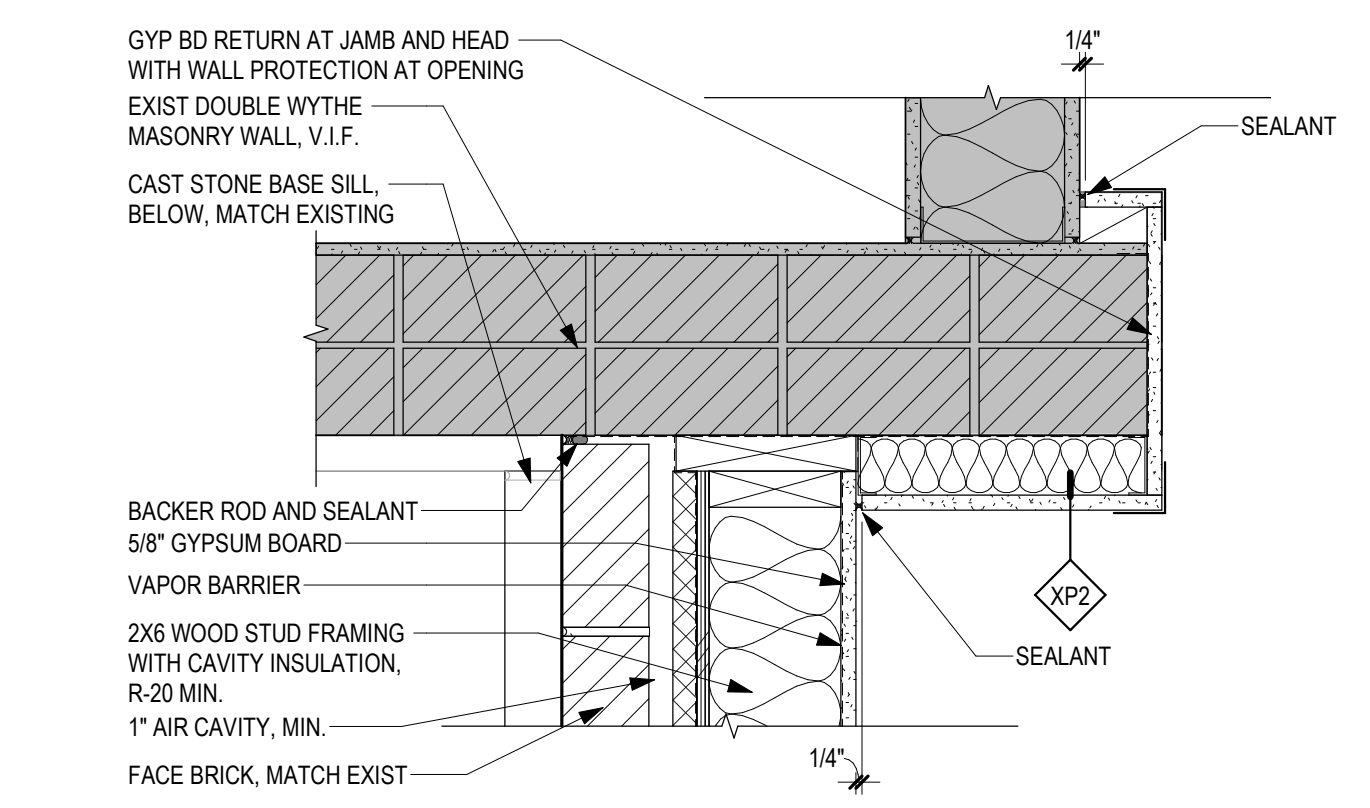
10 SECTION DETAIL - WDW SILL  
3" = 1'-0"



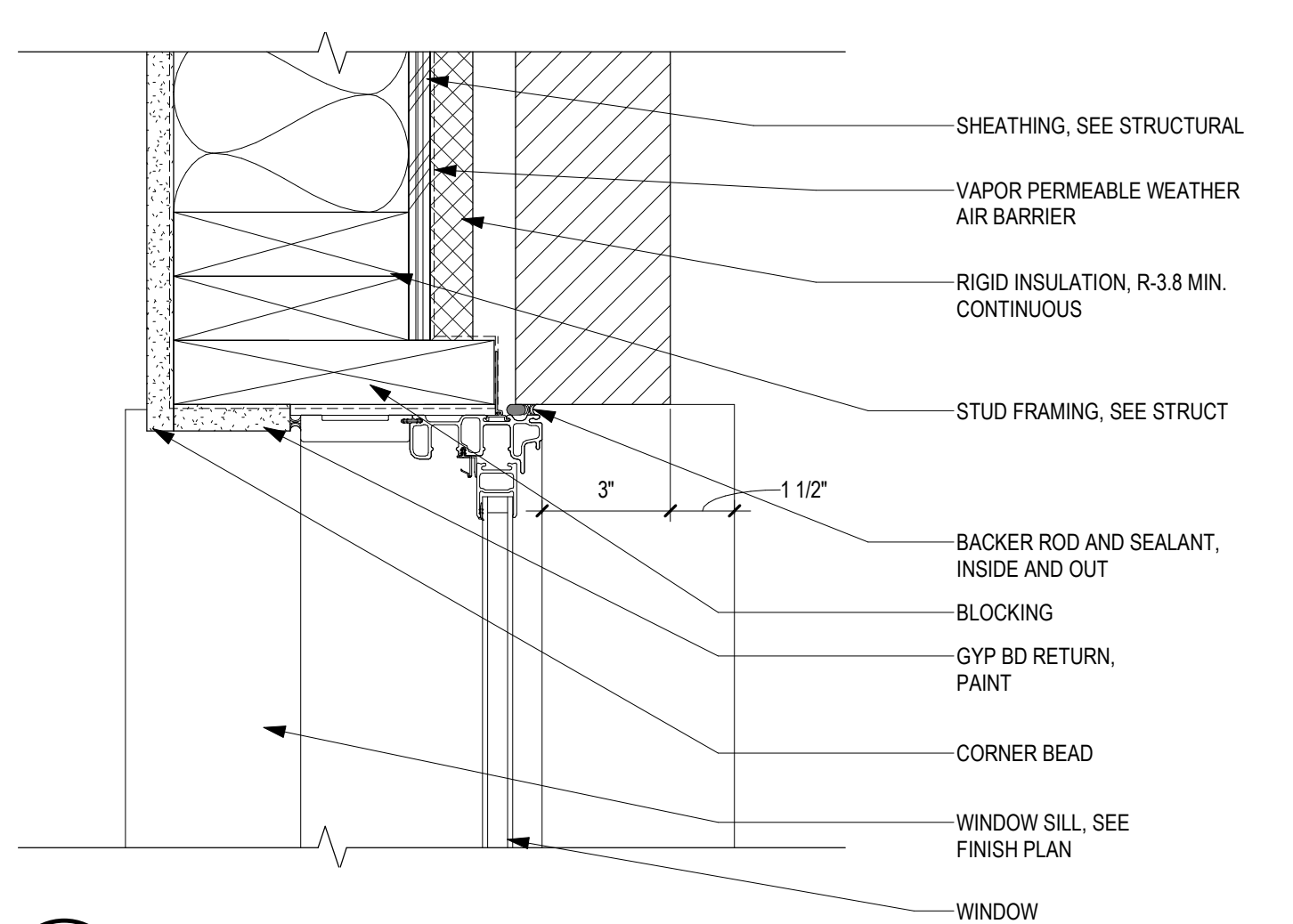
11 SECTION DETAIL - GABLE VENT SILL  
1 1/2" = 1'-0"



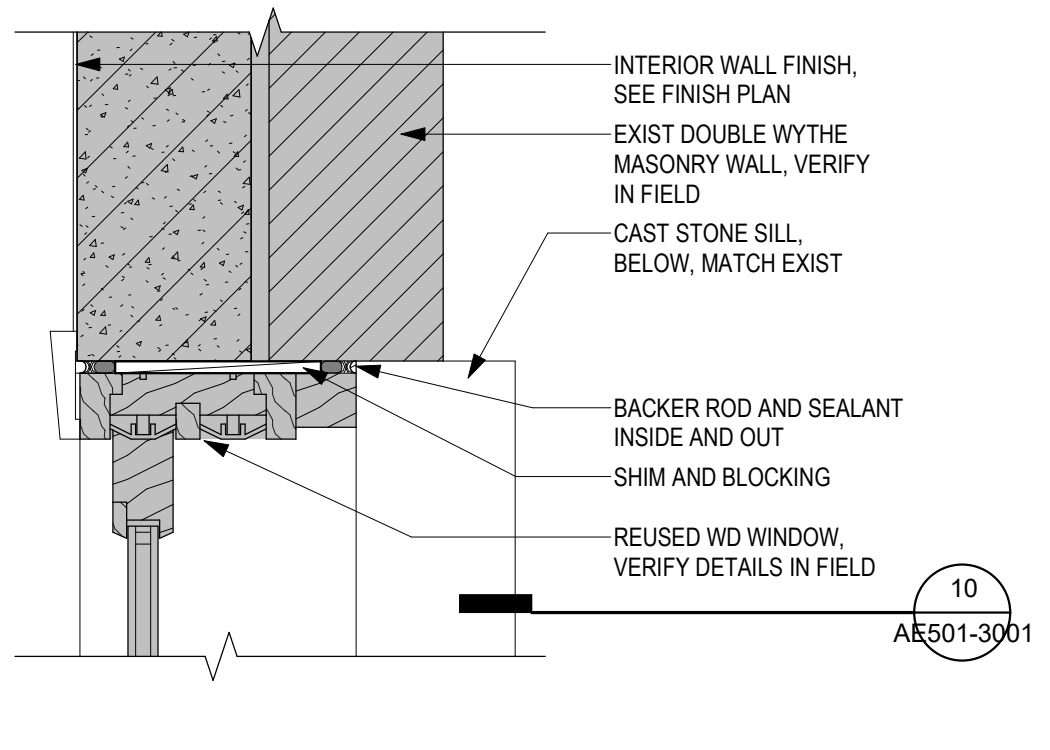
12 SECTION DETAIL - AT DOOR INFILL  
1 1/2" = 1'-0"



13 PLAN DETAIL - WD FRAMED WALL TO EXIST  
1 1/2" = 1'-0"



14 PLAN DETAIL - WDW JAMB  
3" = 1'-0"



15 PLAN DETAIL - WDW JAMB  
3" = 1'-0"

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Revisions:	Date:

CONSULTANT		
MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL: <b>IMEG CORP.</b> 14755 PRESTON RD STE 845 DALLAS, TX 75254 (309) 786-5075	GEOTECHNICAL: <b>AET</b> 1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397	COST ESTIMATING: <b>CPMI</b> 3265 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663

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Anderson Engineering of Minnesota, LLC | Proj # 16409

STAMP

PROFESSIONAL SEAL  
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MICHAEL A. GIESAK  
SOUTH DAKOTA

DATE: 10/31/2022  
License # 9335

Office of Construction and Facilities Management

**VA** U.S. Department of Veterans Affairs

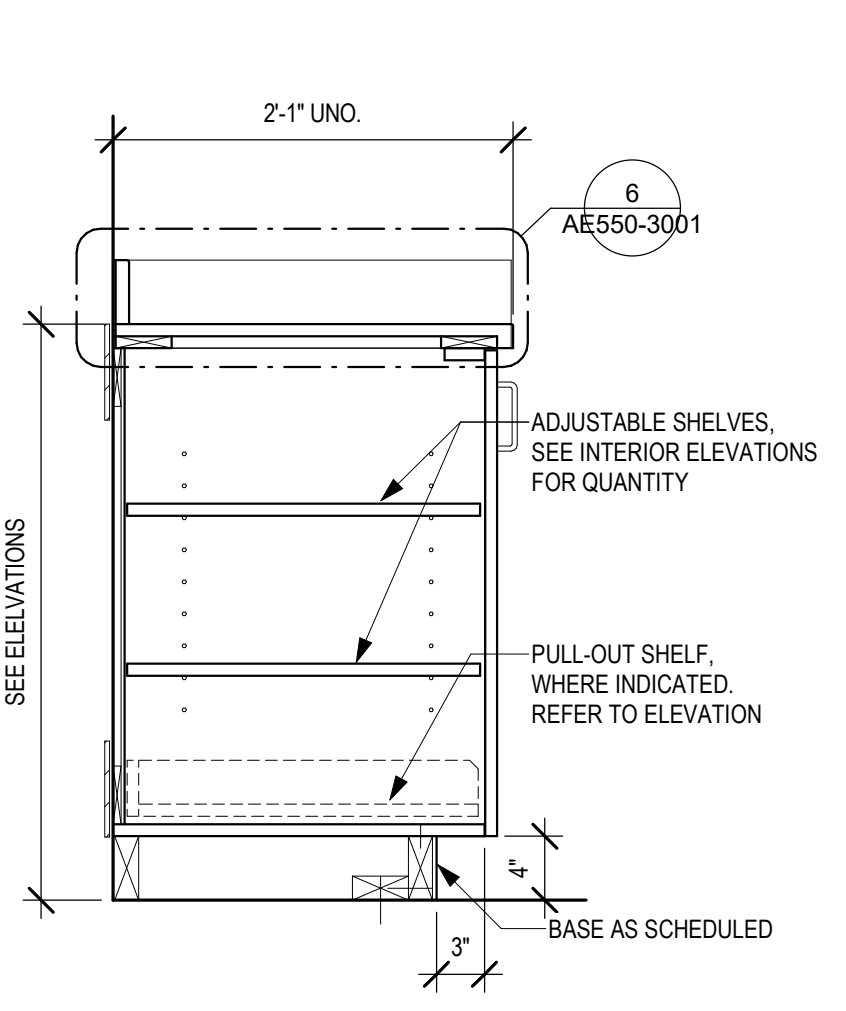
Drawing Title <b>DETAILS</b>
Approved:

Phase <b>BID DOCUMENTS SUBMITTAL</b>
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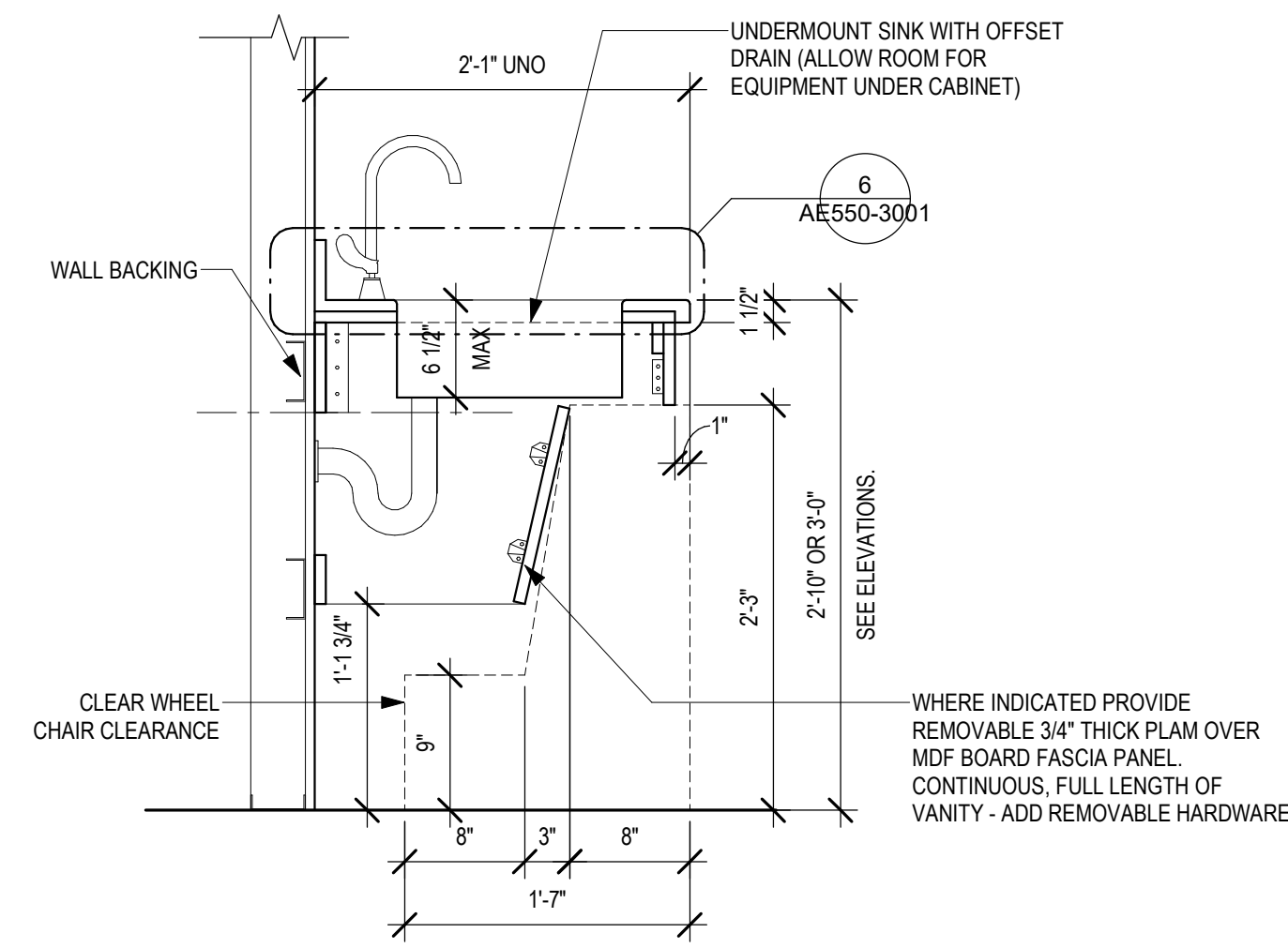
Project Title <b>BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS</b>	Project Number <b>884-CM-3015</b>
Location <b>STURGIS, SOUTH DAKOTA</b>	Building Number <b>3001</b>
Issue Date <b>10-31-22</b>	Checked <b>LA</b>
Drawn <b>EM</b>	Drawing Number <b>AE501-3001</b>
46 OF 84	



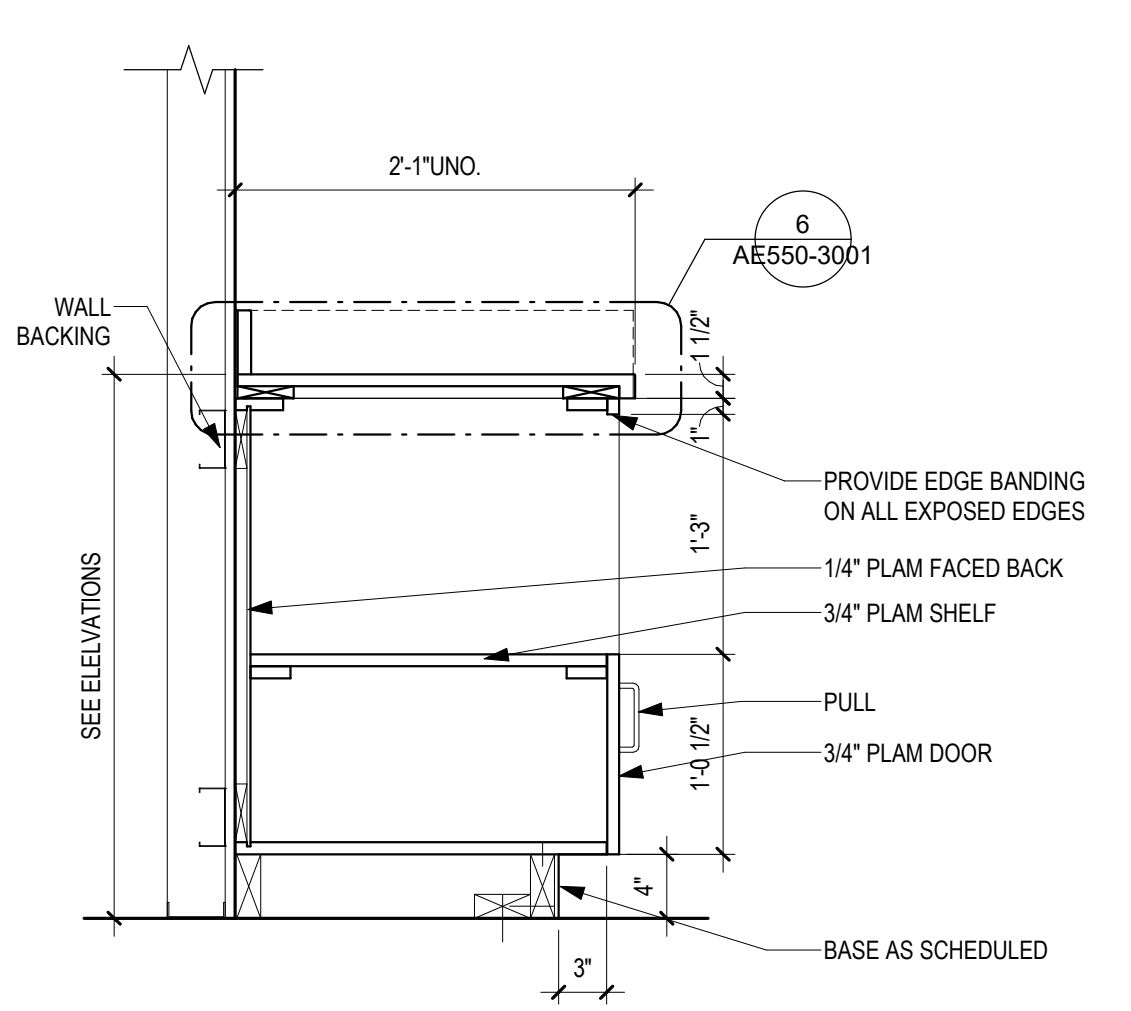
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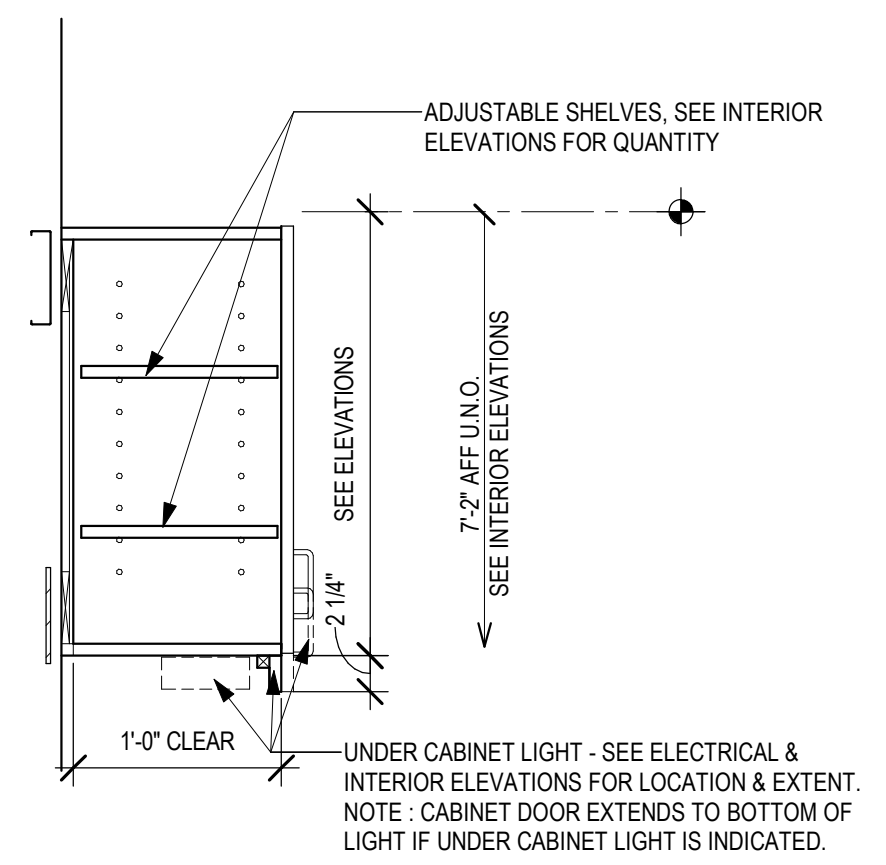
1 BASE CABINET  
1" = 1'-0"



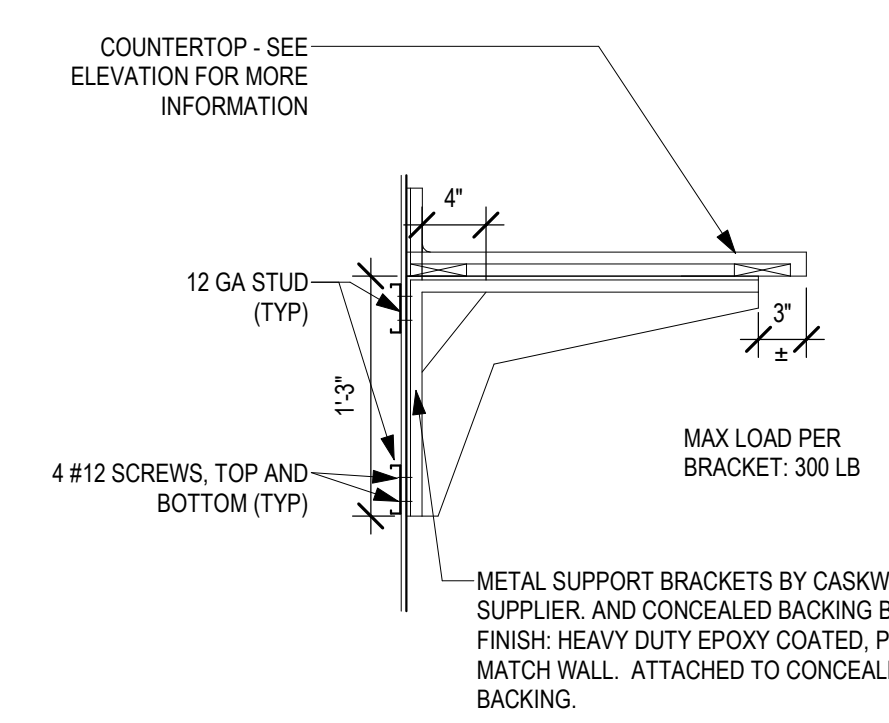
2 CABINET WITH SINK AND APRON  
1" = 1'-0"



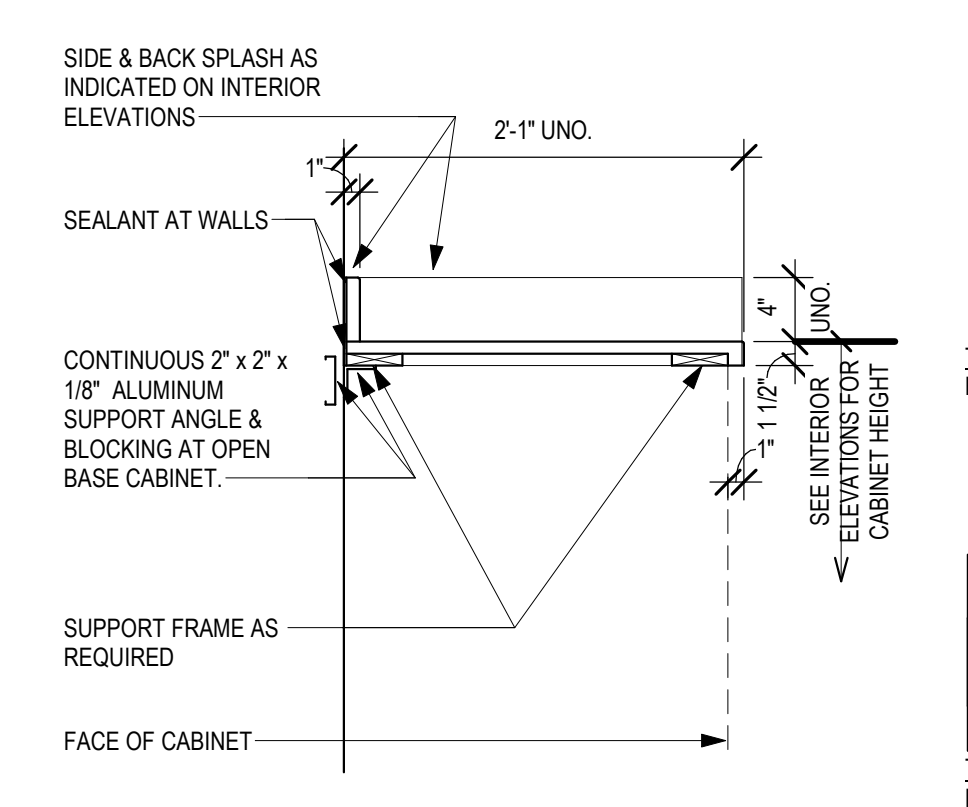
3 SECTION - BASE CABINET WITH DOOR & OPEN SHELF  
1" = 1'-0"



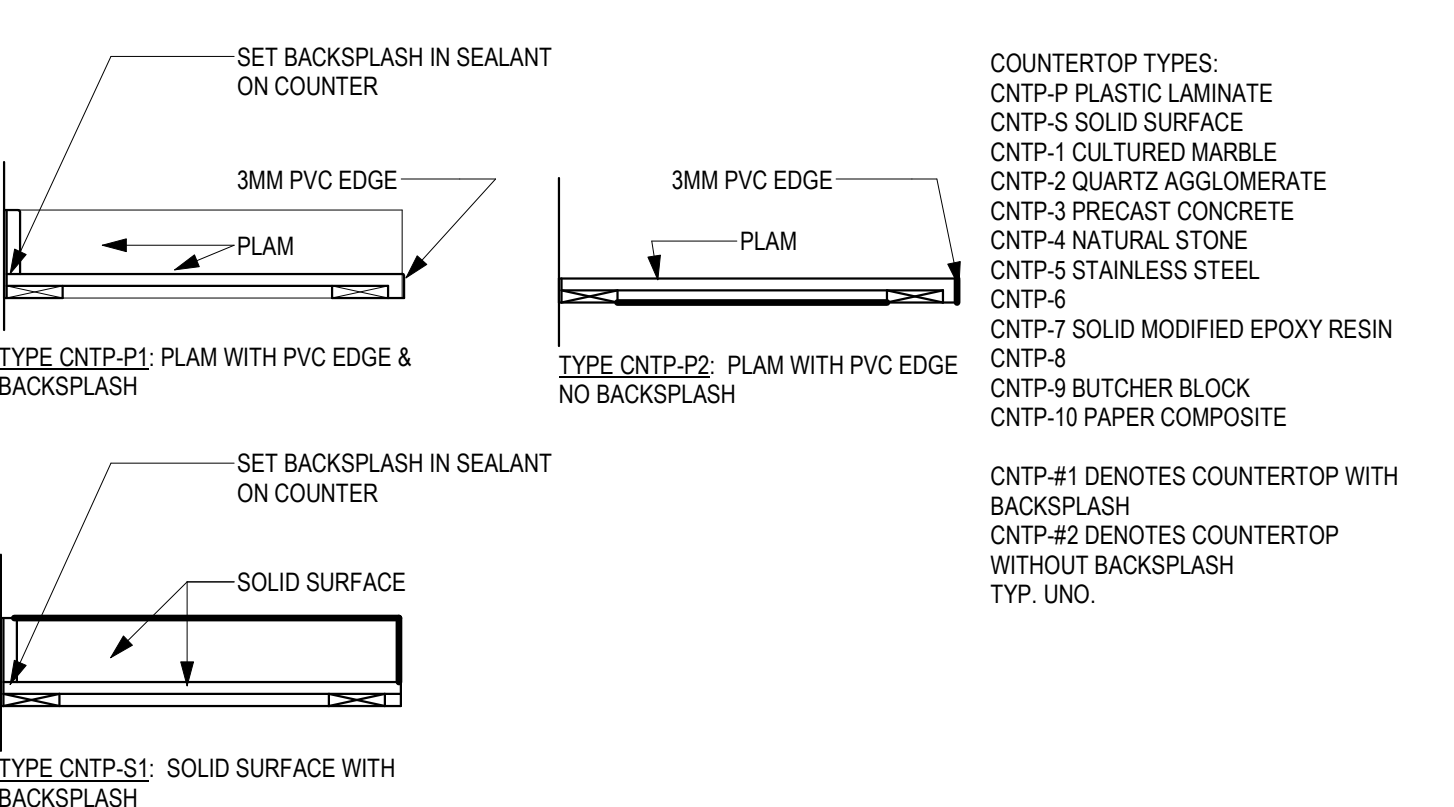
4 WALL CABINET WITH DOOR  
1" = 1'-0"



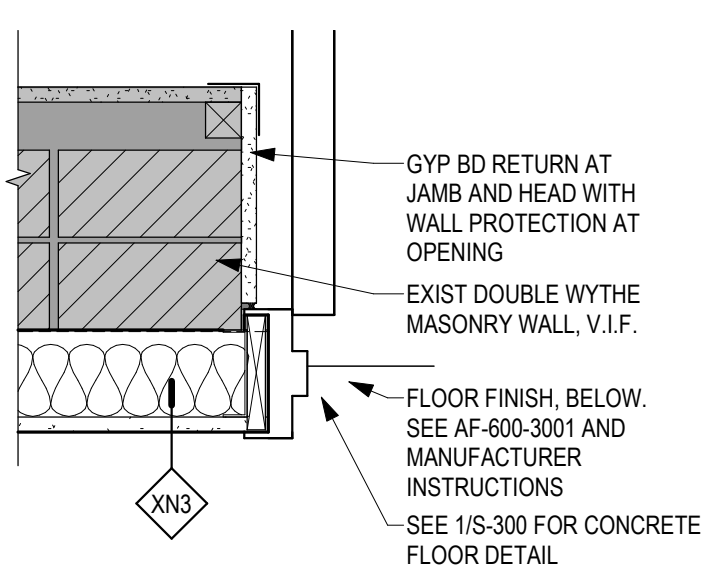
5 COUNTERTOP SUPPORT BRACKET AND BACKING  
1" = 1'-0"



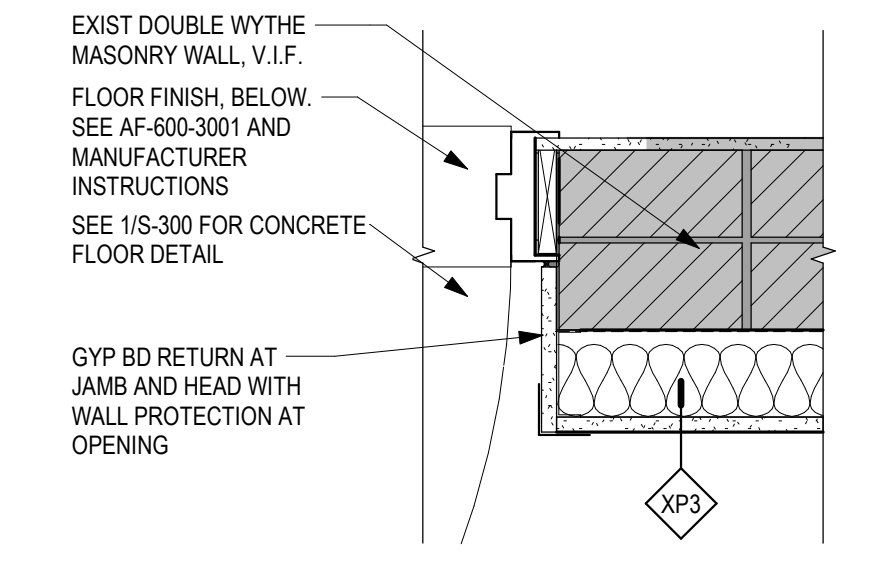
6 COUNTERTOP TYPES (CNT)  
1" = 1'-0"



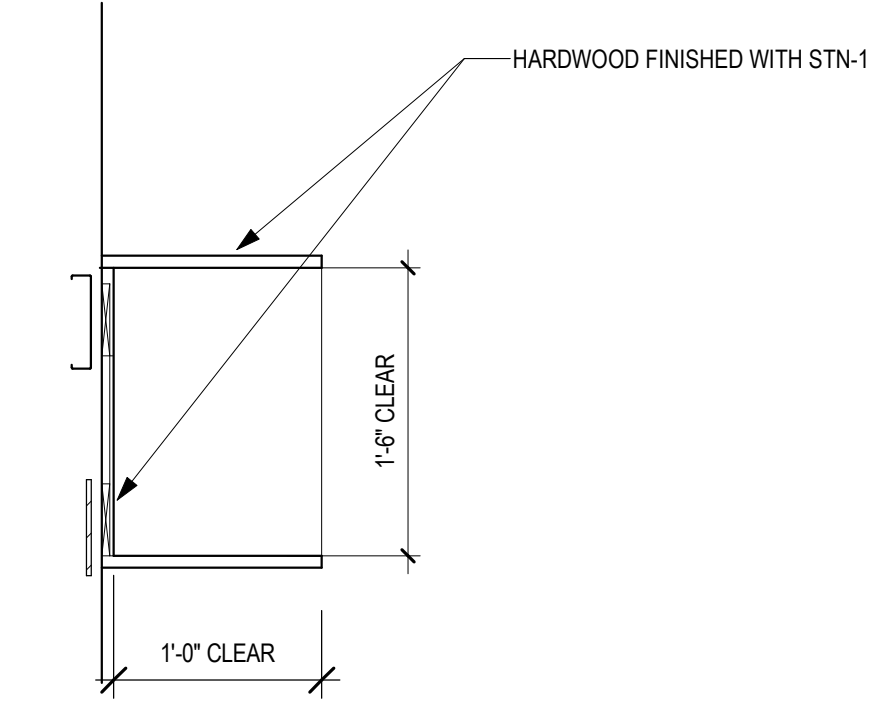
COUNTERTOP TYPES:  
 CNT-P PLASTIC LAMINATE  
 CNT-S SOLID SURFACE  
 CNT-1 CULTURED MARBLE  
 CNT-2 QUARTZ AGGLOMERATE  
 CNT-3 PRECAST CONCRETE  
 CNT-4 NATURAL STONE  
 CNT-5 STAINLESS STEEL  
 CNT-6  
 CNT-7 SOLID MODIFIED EPOXY RESIN  
 CNT-8  
 CNT-9 BUTCHER BLOCK  
 CNT-10 PAPER COMPOSITE  
 CNT-#1 DENOTES COUNTERTOP WITH BACKSLASH  
 CNT-#2 DENOTES COUNTERTOP WITHOUT BACKSLASH  
 TYP. UNO.



7 PLAN DETAIL - DOOR JAMB 16  
1 1/2" = 1'-0"

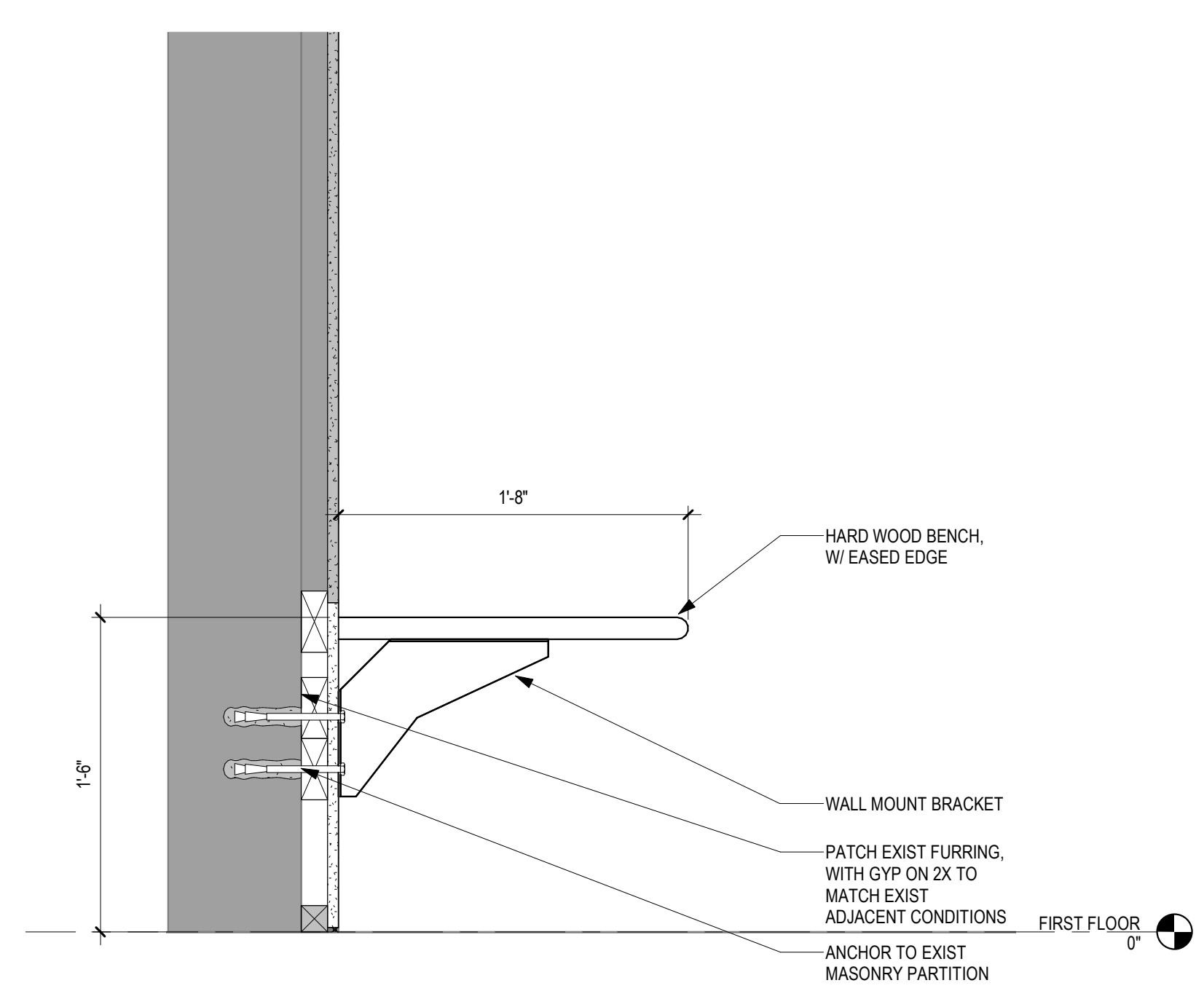


8 PLAN DETAIL - DOOR JAMB 17  
1 1/2" = 1'-0"



9 WALL CUBBY  
1" = 1'-0"

<p><b>ACCESSIBLE TOILET/WATER CLOSETS</b></p> <p>1. SANITARY NAPKIN DISPOSAL - PROVIDE AT UNISEX &amp; WOMEN'S PATIENT BATHROOMS ONLY.                  2. DISPENSERS MAY NOT BE LOCATED BEHIND GRAB BARS.</p> <p>* AT TOILET COMPARTMENTS                  ** AT TOILET COMPARTMENTS AND SINGLE OCCUPANCY</p>	<p><b>ACCESSIBLE LAVATORY BASIN/BATHROOMS</b></p> <p>1. SEE PLAN FOR SPECIFIC LOCATION CONDITION                  2. SDISD &amp; PTC - VC                  3. * KNEE CLEARANCE                  4. SEE ACCESSIBLE MIRROR AT LAV FOR ADDITIONAL INFORMATION</p>	<p><b>ACCESSIBLE MIRROR</b></p> <p>1. SEE INTERIOR ELEVATIONS FOR MIRROR SIZE</p>	<p><b>ACCESSIBLE SOAP AND HAND SANITIZER DISPENSER</b></p>	<p><b>ACCESSIBLE PTD</b></p>
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10 WALL-MOUNTED BENCH - BOOT / EYEWASH 7  
1 1/2" = 1'-0"

TYPICAL MOUNTING HEIGHTS

<p><b>HOUSEKEEPING/EVS CLOSET</b></p> <p>1. UTILITY SHELF 24" LONG UNO                  2. WATER CONTROLS AND SERVICE RECEPTOR - SEE MECHANICAL</p>	<p><b>FLAT TV SCREEN/ MONITORS</b></p> <p>PROVIDE PARTITION BLOCKING</p>	<p><b>PC MOUNTING BRACKET</b></p> <p>ADJUSTABLE VERTICAL SLIDE MONITOR BRACKET</p>	<p><b>WALL CLOCK</b></p> <p>SEE ELECTRICAL DRAWINGS</p>	<p><b>CARD READER</b></p> <p>SEE ELECTRICAL AND COMMUNICATION DRAWINGS</p>	<p><b>WALL PHONE</b></p>	<p><b>ACCESSIBLE URINAL</b></p>	<p><b>SANITARY NAPKIN DISPOSAL</b></p> <p>1. SANITARY NAPKIN DISPOSAL - PROVIDE AT UNISEX &amp; WOMEN'S PATIENT BATHROOMS ONLY.</p>
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Revisions:	Date:

<b>CONSULTANT</b>		
MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL: IMEG CORP. 14755 PRESTON RD STE 845 DALLAS, TX 75254 (209) 786-5075	GEOTECHNICAL: AET 1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397	COST ESTIMATING: CPMI 3265 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663

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 A. GIESAK  
 SOUTH DAKOTA

DATE: 10/31/2022  
 License # 9335

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title  
**INTERIOR DETAILS AND TYPICAL MOUNTING HEIGHTS**

Approved:

Phase  
**BID DOCUMENTS SUBMITTAL**

Project Title  
**BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS**

Location  
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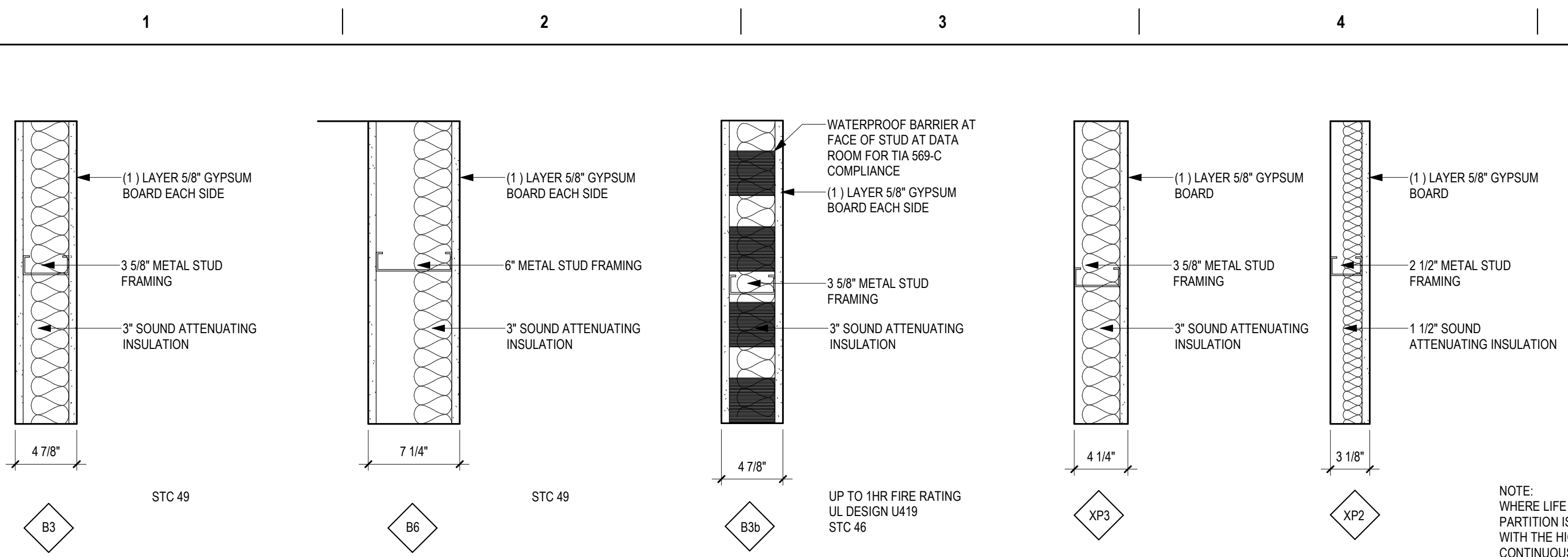
Checked  
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Drawn  
 MRP

Project Number  
 884-CM-3015

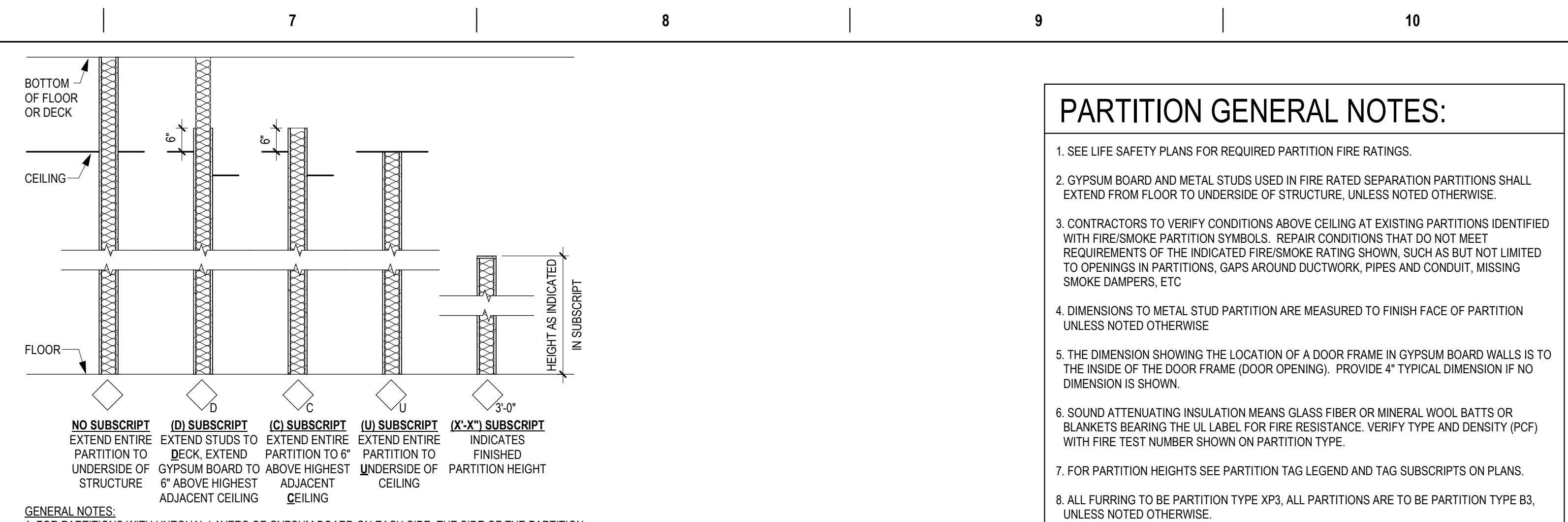
Building Number  
 3001

Drawing Number  
**AE550-3001**  
 47 OF 84



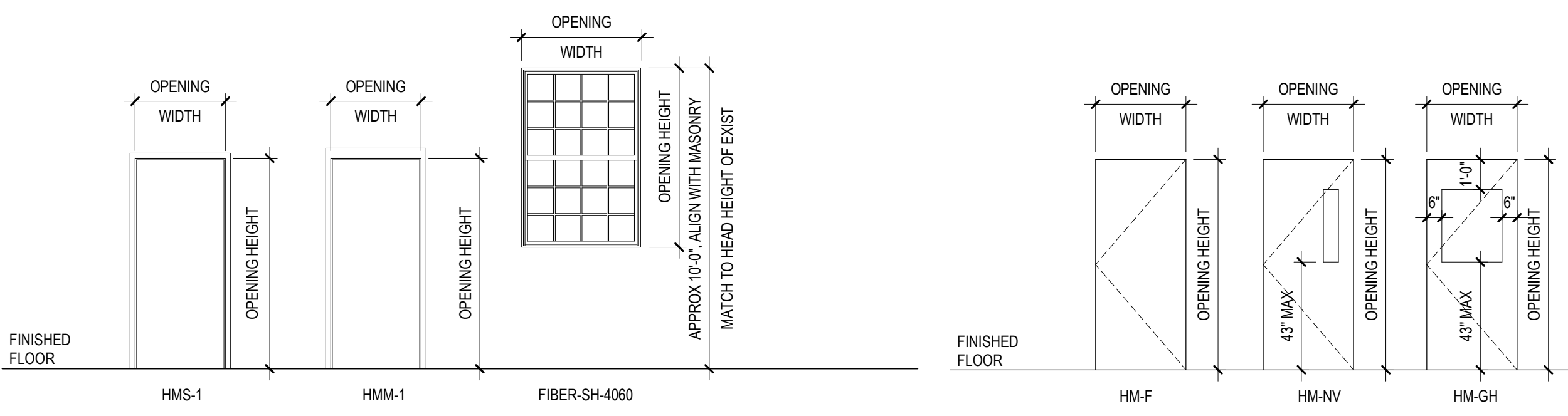
TYPES - PARTITION - MAINTENANCE 3001

1 GUIDELINE - RATED WALL INTERSECTIONS



- PARTITION GENERAL NOTES:**
- SEE LIFE SAFETY PLANS FOR REQUIRED PARTITION FIRE RATINGS.
  - GYPSUM BOARD AND METAL STUDS USED IN FIRE RATED SEPARATION PARTITIONS SHALL EXTEND FROM FLOOR TO UNDERSIDE OF STRUCTURE, UNLESS NOTED OTHERWISE.
  - CONTRACTORS TO VERIFY CONDITIONS ABOVE CEILING AT EXISTING PARTITIONS IDENTIFIED WITH FIRE/SMOKE PARTITION SYMBOLS. REPAIR CONDITIONS THAT DO NOT MEET REQUIREMENTS OF THE INDICATED FIRE/SMOKE RATING SHOWN, SUCH AS BUT NOT LIMITED TO OPENINGS IN PARTITIONS, GAPS AROUND DUCTWORK, PIPES AND CONDUIT, MISSING SMOKE DAMPERS, ETC.
  - DIMENSIONS TO METAL STUD PARTITION ARE MEASURED TO FINISH FACE OF PARTITION UNLESS NOTED OTHERWISE.
  - THE DIMENSION SHOWING THE LOCATION OF A DOOR FRAME IN GYPSUM BOARD WALLS IS TO THE INSIDE OF THE DOOR FRAME (DOOR OPENING). PROVIDE A TYPICAL DIMENSION IF NO DIMENSION IS SHOWN.
  - SOUND ATTENUATING INSULATION MEANS GLASS FIBER OR MINERAL WOOL BATTS OR BLANKETS BEARING THE UL LABEL FOR FIRE RESISTANCE. VERIFY TYPE AND DENSITY (PCF) WITH FIRE TEST NUMBER SHOWN ON PARTITION TYPE.
  - FOR PARTITION HEIGHTS SEE PARTITION TAG LEGEND AND TAG SUBSCRIPTS ON PLANS.
  - ALL FLOORING TO BE PARTITION TYPE XP3, ALL PARTITIONS ARE TO BE PARTITION TYPE B3, UNLESS NOTED OTHERWISE.
  - FOR PARTITION TYPES WITH GYPSUM BOARD ON ONE SIDE ONLY, INSTALL GYPSUM BOARD ON ROOM SIDE, UNLESS NOTED OR DETAILED OTHERWISE. FOR SHAF/WALL PARTITION TYPES, INSTALL LINER PANEL ON NON-ACCESSIBLE SIDE, UNLESS NOTED OR DETAILED OTHERWISE.
  - PROVIDE 1" DEFLECTION SPACE AT THE TOP OF STUDS AT ALL PARTITIONS EXTENDING TO STRUCTURE, UNLESS NOTED OTHERWISE.
  - GENERAL CONTRACTOR SHALL PROVIDE AND COORDINATE ALL IN-WALL BLOCKING FOR WALL MOUNTED CASEWORK AND EQUIPMENT SUPPLIED BY THIS CONTRACT. OWNER FURNISHED OR BY VENDORS. CONTRACTORS OPTION TO PROVIDE 3/4" FIRE TREATED PLYWOOD OR SHEET METAL BLOCKING FOR WALL MOUNTED EQUIPMENT, CASEWORK, DOOR STOPS, ACCESSORIES, ETC. UNLESS NOTED OTHERWISE.
  - IN WET AREAS SUCH AS BUT NOT LIMITED TO SHOWER, JANITOR CLOSETS, ETC. USE TILE BACKER BOARD BEHIND THE CERAMIC TILE AND EXTEND TO 2" BEYOND ALL SIDES OF THE PLUMBING FIXTURE. IN DOUBLE LAYER WALLS WHERE THE TILE BACKER BOARD IS INSTALLED OVER A BASE LAYER OF GYPSUM BOARD, APPLY A WATER BARRIER (BUILDING WRAP) NOT A VAPOR RETARDER, OVER THE BASE LAYER OF GYPSUM BOARD. IN HIGH HUMIDITY AREAS SUCH AS SAUNAS, STEAM ROOMS AND SWIMMING POOLS, WHERE WALLS ARE EXPOSED TO CONSTANT MOISTURE, USE TILE BACKER BOARD BEHIND CERAMIC TILE.
  - IN WET AREAS SUCH AS JANITOR CLOSETS, ETC. USE 5/8" WATER RESISTANT GYPSUM BOARD OR 5/8" FR WATER RESISTANT GYPSUM BOARD.
  - FOR ALL REMODELING PROJECTS, ALL PARTITIONS NOTED AT INFILLS WITHIN, OR EXTENSIONS ONTO EXISTING PARTITIONS, ARE NOTED AS SUCH FOR INTENT ONLY. ALL EXPOSED PARTITION FACES ARE TO ALIGN.

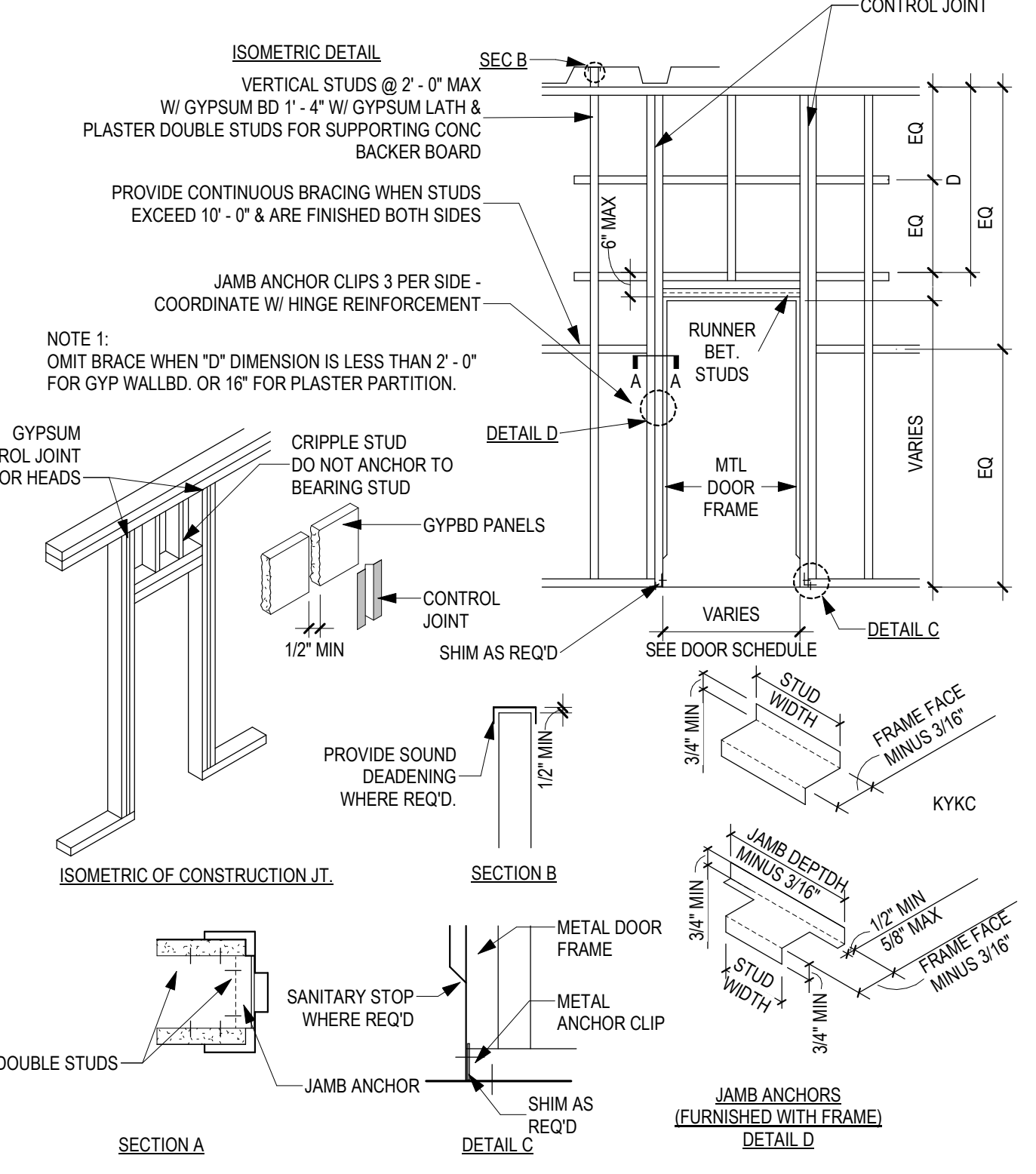
- GENERAL NOTES:**
- FOR PARTITIONS WITH UNEQUAL LAYERS OF GYPSUM BOARD ON EACH SIDE, THE SIDE OF THE PARTITION WITH THE TAG INDICATES WHERE THE EXTRA LAYER(S) OF GYPSUM BOARD ARE TO BE INSTALLED. REFER TO PARTITION TYPES FOR MORE INFORMATION.
  - DIMENSIONS TO METAL STUD PARTITIONS ARE MEASURED TO FINISH FACE UNLESS NOTED OTHERWISE.
  - AT INFILL WITHIN OR EXTENSIONS ONTO EXISTING PARTITIONS, THE PARTITION TAG NOTED IS FOR INTENT ONLY. FINISHED PARTITION FACES ARE TO ALIGN WITH ADJACENT EXISTING PARTITION FACES.
  - SUBSCRIPTS MAY BE USED WITH ANY PARTITION TYPE.



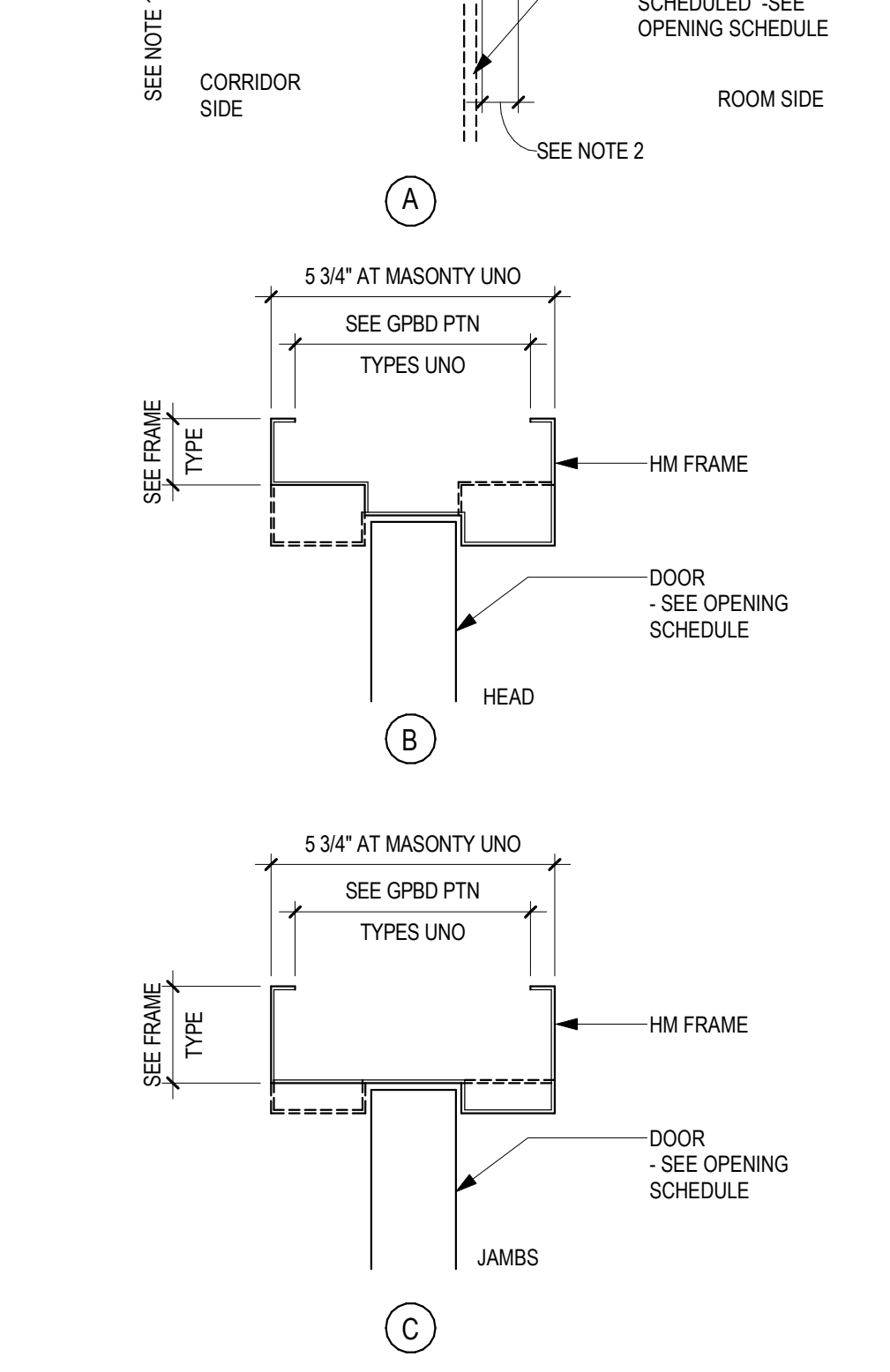
TYPES - FRAMES - MAINTENANCE 3001

TYPES - PANELS - MAINTENANCE 3001

OPENING SCHEDULE: MAINTENANCE 3001, 3002, & 3003											
ASSOCIATED ROOMS		OPENING		PANEL INFORMATION			FRAME INFORMATION			COMMENTS	
FROM ROOM NAME	TO ROOM NAME	NUMBER	WIDTH	HEIGHT	PANEL TYPE	2ND PANEL TYPE	PANEL GLAZING	FRAME TYPE	FRAME GLAZING	HW GROUP	FINISH
MAINTENANCE BUILDING 3002	MAINTENANCE BUILDING 3002	2-1	3'-0"	6'-8"	HM-GH	NONE	NONE	HMM-1	NONE	HW 2 1B	Y
VEHICLE STORAGE BUILDING 3003	VEHICLE STORAGE BUILDING 3003	3-1	3'-0"	7'-0"	HM-F	NONE	NONE	HMS-1	NONE	HW 2 1B	Y
HALLWAY	FOREMANS OFFICE	2	3'-0"	7'-0"	HM-F	NONE	NONE	HMM-1	NONE	HW 11	
HALLWAY	WOMENS LOCKERS	3	3'-0"	7'-0"	HM-F	NONE	NONE	HMM-1	NONE	HW 15.1	
HALLWAY	HALLWAY	4	3'-0"	7'-0"	HM-GH	MG-1	HMS-1	NONE	NONE	HW 11	
HALLWAY	EYEWASH BOOT WASH	7A	3'-0"	7'-0"	HM-GH	IG-1	HMM-1	NONE	NONE	HW 2 1A	Y
HALLWAY	EYEWASH BOOT WASH	7B	3'-0"	7'-0"	HM-GH	MS-1	HMS-1	NONE	NONE	HW 11.1	Y
HALLWAY	MENS LOCKERS	8	3'-0"	7'-0"	HM-F	NONE	NONE	HMS-1	NONE	HW 15.2	
GARAGE	BAY 1	9	3'-0"	7'-0"	HM-F	NONE	NONE	HMS-1	NONE	HW 2 1A	Y
FLAMMABLE STORAGE	FLAMMABLE STORAGE	10	3'-0"	7'-0"	HM-F	NONE	NONE	HMM-1	NONE	HW 2 1A	Y
FLAMMABLE STORAGE	FLAMMABLE STORAGE	13A	1'-4"	1'-4"	NONE	NONE	NONE	NONE	NONE	HW 2 1A	Y
BREAKROOM LOUNGE	HALLWAY	14	3'-4"	7'-2"	NONE	NONE	NONE	NONE	NONE	HW 0	
MENS TOILET	MENS LOCKERS	16	3'-0"	7'-0"	HM-F	NONE	NONE	HMS-1	NONE	HW 15.2	
GARAGE	MECHANICS OFFICE	17A	3'-0"	7'-0"	HM-F	NONE	NONE	HMS-1	NONE	HW 19	
HALLWAY	MECHANICS OFFICE	17B	3'-0"	7'-0"	HM-F	NONE	NONE	HMS-1	NONE	HW 11	
HALLWAY	DATA SECURITY	18	3'-0"	7'-0"	HM-F	NONE	NONE	HMS-1	NONE	HW 4 45MIN	Y
HALLWAY	HAC	19	3'-0"	7'-0"	HM-F	NONE	NONE	HMS-1	NONE	HW 7	Y
HALLWAY	MECH ATTIC	ATTIC1	1'-4"	1'-4"	NONE	NONE	NONE	NONE	NONE	HW 0	
HATCH	MECH ATTIC	VENT1	3'-4"	4'-0"	NONE	NONE	NONE	NONE	NONE	HW 0	
OPEN OFFICE	FOREMANS OFFICE	WDW1	3'-4"	4'-10"	NONE	NONE	NONE	NONE	NONE	HW 0	
FOREMANS OFFICE	FOREMANS OFFICE	WDW2A	3'-4"	4'-10"	NONE	NONE	NONE	NONE	NONE	HW 0	
FOREMANS OFFICE	FOREMANS OFFICE	WDW2B	3'-4"	4'-10"	NONE	NONE	NONE	NONE	NONE	HW 0	
BREAKROOM LOUNGE	BREAKROOM LOUNGE	WDW3	4'-0"	6'-0"	NO PANEL	NONE	FIBER-SH-4000	IG-1	NONE	HW 0	
BREAKROOM LOUNGE	BREAKROOM LOUNGE	WDW4	4'-0"	6'-0"	NO PANEL	NONE	FIBER-SH-4000	IG-1	NONE	HW 0	
BREAKROOM LOUNGE	BREAKROOM LOUNGE	WDW5	4'-0"	6'-0"	NO PANEL	NONE	FIBER-SH-4000	IG-1	NONE	HW 0	
BREAKROOM LOUNGE	BREAKROOM LOUNGE	WDW6	4'-0"	6'-0"	NO PANEL	NONE	FIBER-SH-4000	IG-1	NONE	HW 0	
MECHANICS OFFICE	MECHANICS OFFICE	WDW7	4'-0"	6'-0"	NO PANEL	NONE	FIBER-SH-4000	IG-1	NONE	HW 0	
MECHANICS OFFICE	MECHANICS OFFICE	WDW8	4'-0"	6'-0"	NO PANEL	NONE	FIBER-SH-4000	IG-1	NONE	HW 0	

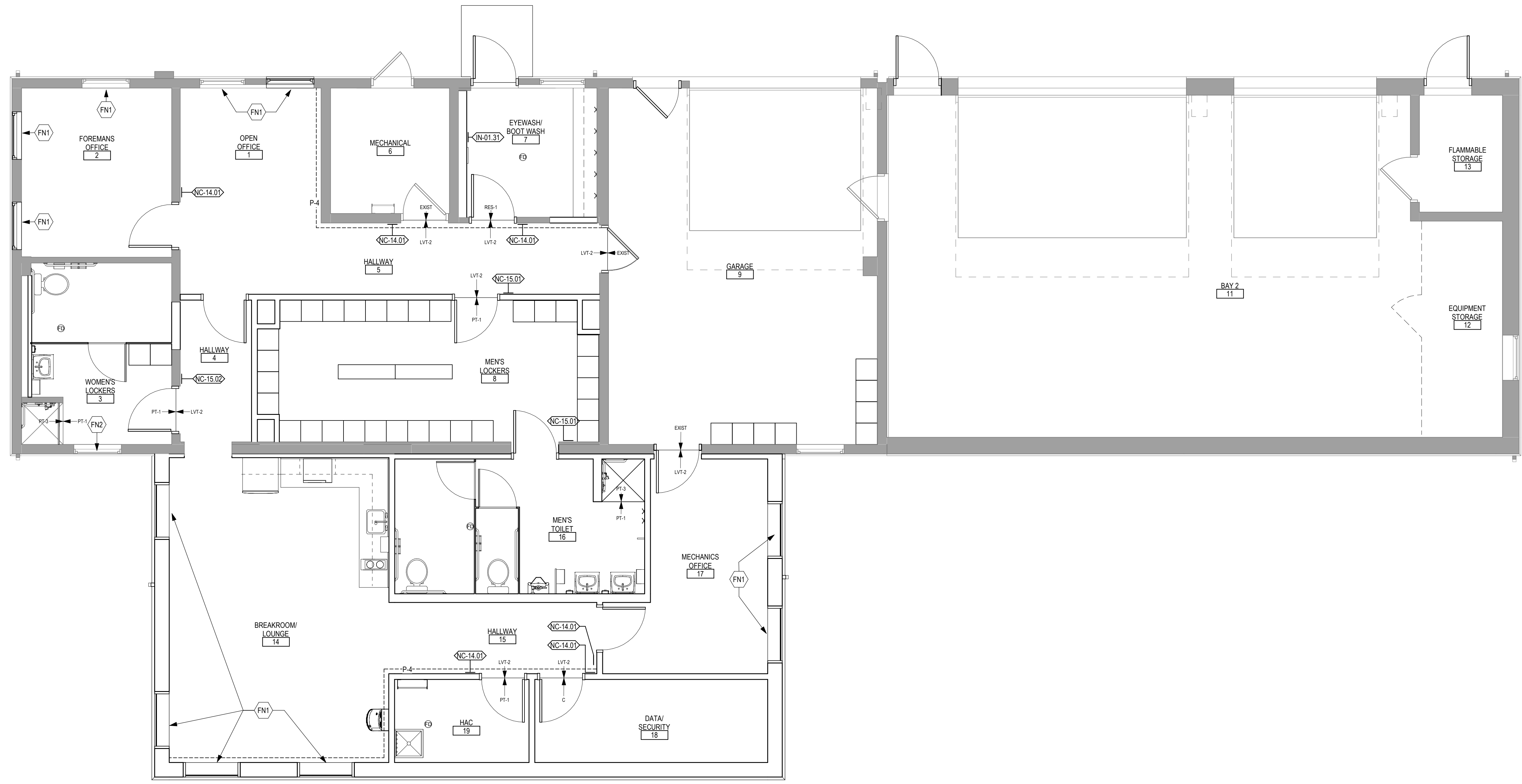


2 TYPICAL PARTITION CONTROL JOINT FRAMING AT DOORS



3 HM FRAME PROFILES

DOOR PANEL NAMING		DOOR FRAME NAMING	
<b>PANEL PREFIXES</b>	<b>PANEL SUFFIXES</b>	<b>FRAME PREFIXES</b>	<b>FRAME SUFFIXES</b>
AL- ALUMINUM CS- COILING GRILLE HM- HOLLOW METAL OS- OVERHEAD SECTIONAL RD3- REVOLVING DOOR 3 PANEL RD4- REVOLVING DOOR 4 PANEL VL- VERTICAL LIFT WD- WOOD	AG- ALL GLASS BF- BIFOLD N2- NARROW VISION 2 LIGHT N3- NARROW VISION 3 LIGHT N4- NARROW VISION 4 LIGHT OS- OVERHEAD SECTIONAL R2- RAISED PANEL 2 PANEL R3- RAISED PANEL 3 PANEL R4- RAISED PANEL 4 PANEL R5- RAISED PANEL 5 PANEL R6- RAISED PANEL 6 PANEL R7- RAISED PANEL 7 PANEL R8- RAISED PANEL 8 PANEL R9- RAISED PANEL 9 PANEL R10- RAISED PANEL 10 PANEL R11- RAISED PANEL 11 PANEL R12- RAISED PANEL 12 PANEL R13- RAISED PANEL 13 PANEL R14- RAISED PANEL 14 PANEL R15- RAISED PANEL 15 PANEL R16- RAISED PANEL 16 PANEL R17- RAISED PANEL 17 PANEL R18- RAISED PANEL 18 PANEL R19- RAISED PANEL 19 PANEL R20- RAISED PANEL 20 PANEL R21- RAISED PANEL 21 PANEL R22- RAISED PANEL 22 PANEL R23- RAISED PANEL 23 PANEL R24- RAISED PANEL 24 PANEL R25- RAISED PANEL 25 PANEL R26- RAISED PANEL 26 PANEL R27- RAISED PANEL 27 PANEL R28- RAISED PANEL 28 PANEL R29- 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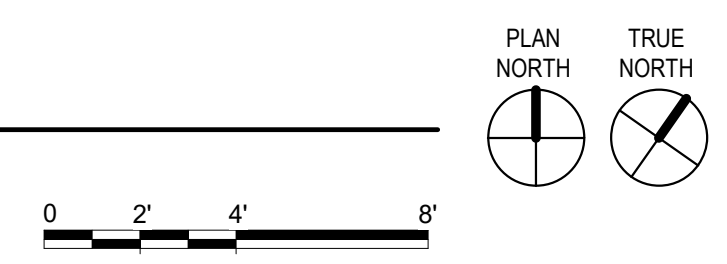
- ### FINISH PLAN GENERAL NOTES
- REFER TO PROJECT MANUAL SPECIFICATION SECTION 09 06 00 "SCHEDULE FOR FINISHES" FOR SPECIFIC PRODUCT SELECTION BASIS OF DESIGN AND OTHER REQUIREMENTS
  - FIELD FINISH VENTS, GRILLES, ACCESS PANELS, PLUG STRIP, BASEBOARD RADIATION ENCLOSURES, ELECTRICAL PANEL BOARDS (IN FINISHED SPACES) TO MATCH SURFACE ON WHICH THEY OCCUR UNLESS OTHERWISE INDICATED. EXCEPTION: ITEMS WITH FACTORY WHITE FINISH OCCURRING ON WHITE ACT OR WHITE GYPSUM BOARD CEILING SHALL NOT BE PAINTED. STAINLESS STEEL ITEMS SHALL NOT BE PAINTED
  - FIELD VERIFY ALL NEW CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO INSTALLATION
  - LOCATE CHANGES IN FLOOR FINISH MATERIAL UNDER CENTERLINE OF CLOSED DOOR UNLESS OTHERWISE INDICATED
  - PROVIDE CLEAR SILICONE SEALANT AT PERIMETER OF PLUMBING FLOOR DRAINS, CLEAN OUTS, ETC IN RESILIENT AND CERAMIC TILE FLOORS
  - PROVIDE SEALANT TO HORIZONTAL AND VERTICAL INTERIOR CERAMIC TILE CORNERS, COLOR TO MATCH GROUT COLOR
  - PROVIDE SEALANT AT JOINT BETWEEN COUNTER TOP, BACK OR SIDE SPLASH AND WALLS
  - PROVIDE CLEAR SILICONE SEALANT AT THE BASE OF DOOR FRAME TO RESILIENT AND CT FLOORING. TYP. SEE PLANS AND ROOM FINISH SCHEDULE FOR FLOOR FINISH LOCATIONS
  - HOLLOW METAL DOORS AND FRAMES TO BE PAINTED UNLESS NOTED OTHERWISE IN THE OPENING SCHEDULE
  - WOOD: PRE-FINISHED TO MATCH BUILDING STANDARD. REFER TO SPECIFICATION
  - CEILING HEIGHTS AND MATERIALS FINISHES CALLED OUT IN ROOM FINISH SCHEDULE ARE FOR ENTIRE CEILING OR MAJORITY OF THAT ROOM, UNLESS OTHERWISE INDICATED. SEE REFLECTED CEILING PLAN FOR CHANGES IN CEILING MATERIAL AND CEILING HEIGHT. PAINT ALL SURFACES OF SOFFIT SAME COLOR AS INDICATED
  - COLOR SELECTIONS ARE BASED ON USE OF PRODUCTS INDICATED IN THE PROJECT MANUAL SPECIFICATION. IF MANUFACTURERS OTHER THAN THOSE INDICATED ARE USED, ARCHITECT MAY REVISE COLOR SELECTIONS OF OTHER FINISHES TO ENSURE PROPER COORDINATION
  - PAINT ALL FIRE EXTINGUISHER CABINETS TO MATCH COLOR OF THE ADJACENT WALLS
  - CEILING HEIGHTS ARE MEASURED FROM FINISH FLOOR
  - FOR FLOOR FINISH MATERIALS AND PATTERN, SEE FINISH PLAN
  - SEE INTERIOR ELEVATIONS FOR MORE FINISH INFO

### ROOM FINISH LEGEND & ABBREVIATIONS

-----	ACCENT PAINT	(AF10)	KEYNOTE
CPT → VCT	FLOORING CHANGE	↔	MATERIAL INSTALL DIRECTION
◊ NC-14.0	SIGN TAG		
ACT	ACOUSTICAL CEILING (TILE)		
C	CONCRETE SEALER		
GWB (SC)	GYPSUM WALLBACK SYSTEMS (SPECIAL COATING)		
LVT	LUXURY VINYL TILE		
P	PAINT		
PT	PORCELAIN TILE (FLOOR AND BASE)		
RB	RESILIENT BASE		
RES	RESINOUS EPOXY FLOORING		
RES-W	RESINOUS EPOXY WALL/CEILING		
RF	RUBBER FLOORING		
S	SOLID SURFACE		
SC	SPECIAL COATING		
SP	SPECIAL FACED		
WS	WINDOW SHADES		
WSP	WELDED SEAM SHEET FLOORING (HEAT WELDED WITH ROD)		

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN

**1** FIRST LEVEL FINISH PLAN - MAINTENANCE 3001  
1/4" = 1'-0"



### FINISH PLAN KEYED NOTES

(FN1)	INSTALL VERTICAL BLINDS
(FN2)	FROSTED GLASS WINDOW, TO REMAIN

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

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Revisions:	Date:

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Anderson Engineering of Minnesota, LLC | Proj # 16409

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Office of Construction and Facilities Management

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**FIRST LEVEL FINISH PLAN**

Approved: \_\_\_\_\_

Phase  
**BID DOCUMENTS SUBMITTAL**

Project Title  
**BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS**

Location  
STURGIS, SOUTH DAKOTA

Issue Date  
10-31-22

Checked  
MRP

Drawn  
CZ

Project Number  
884-CM-3015

Building Number  
3001

Drawing Number  
**AF101-3001**  
49 OF 84

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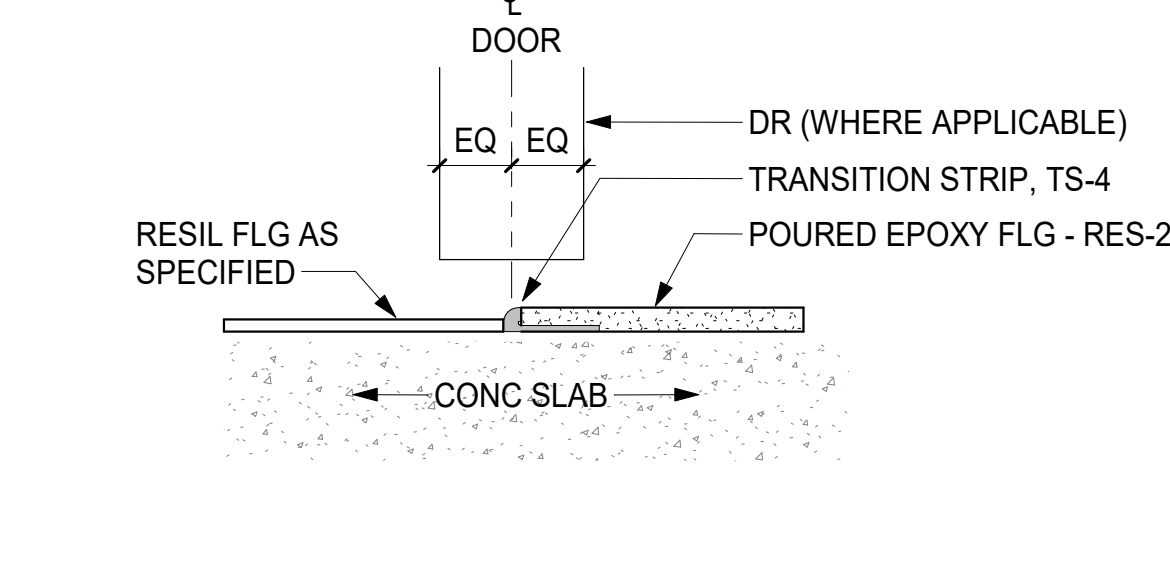
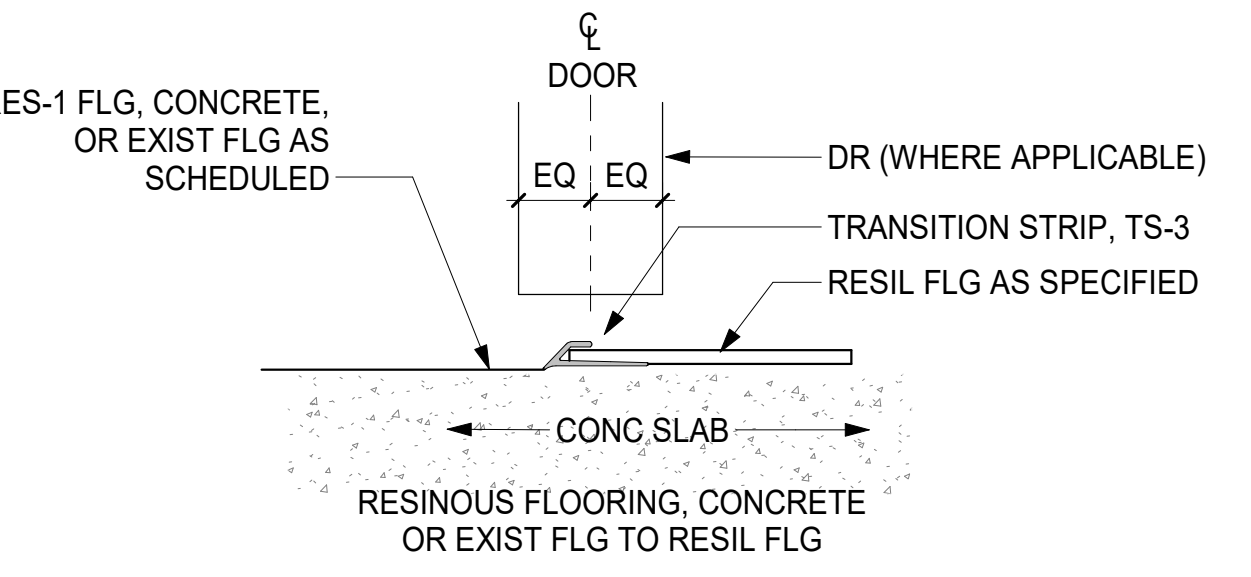
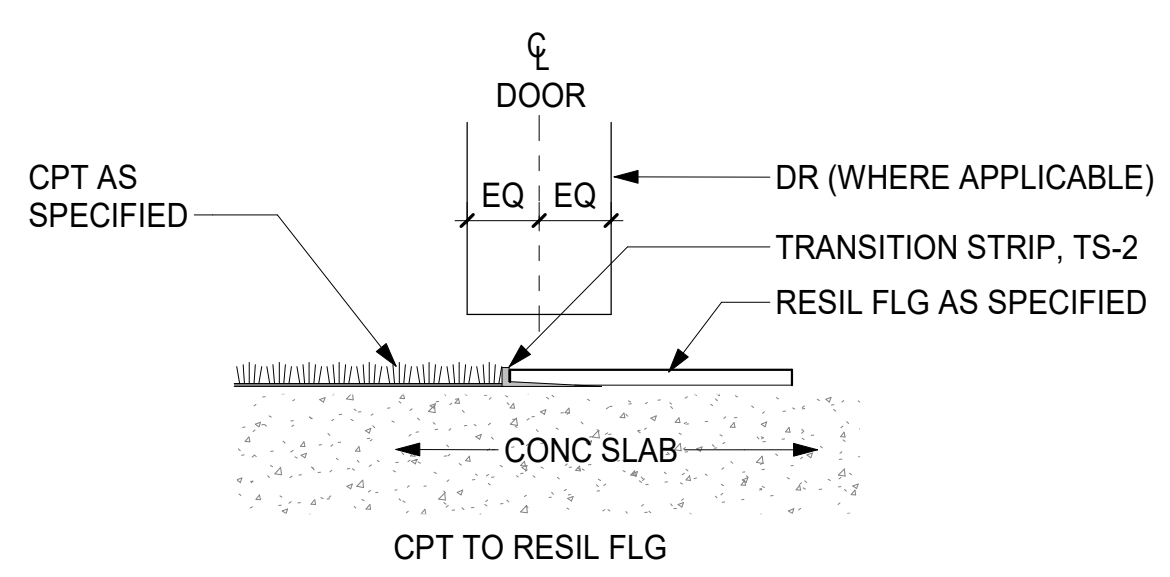
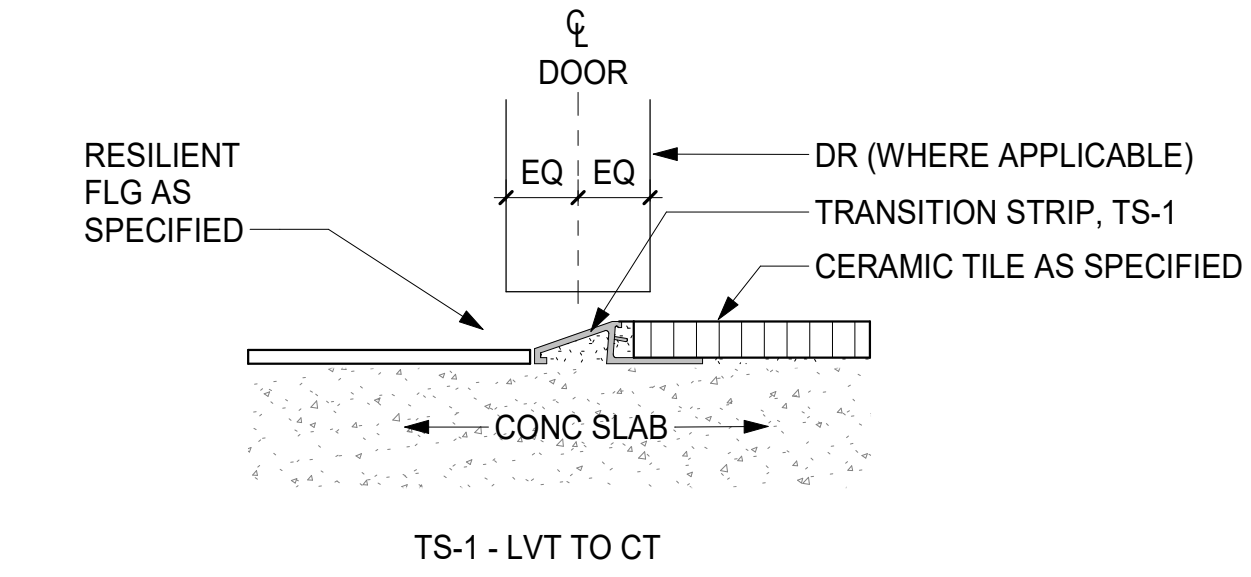
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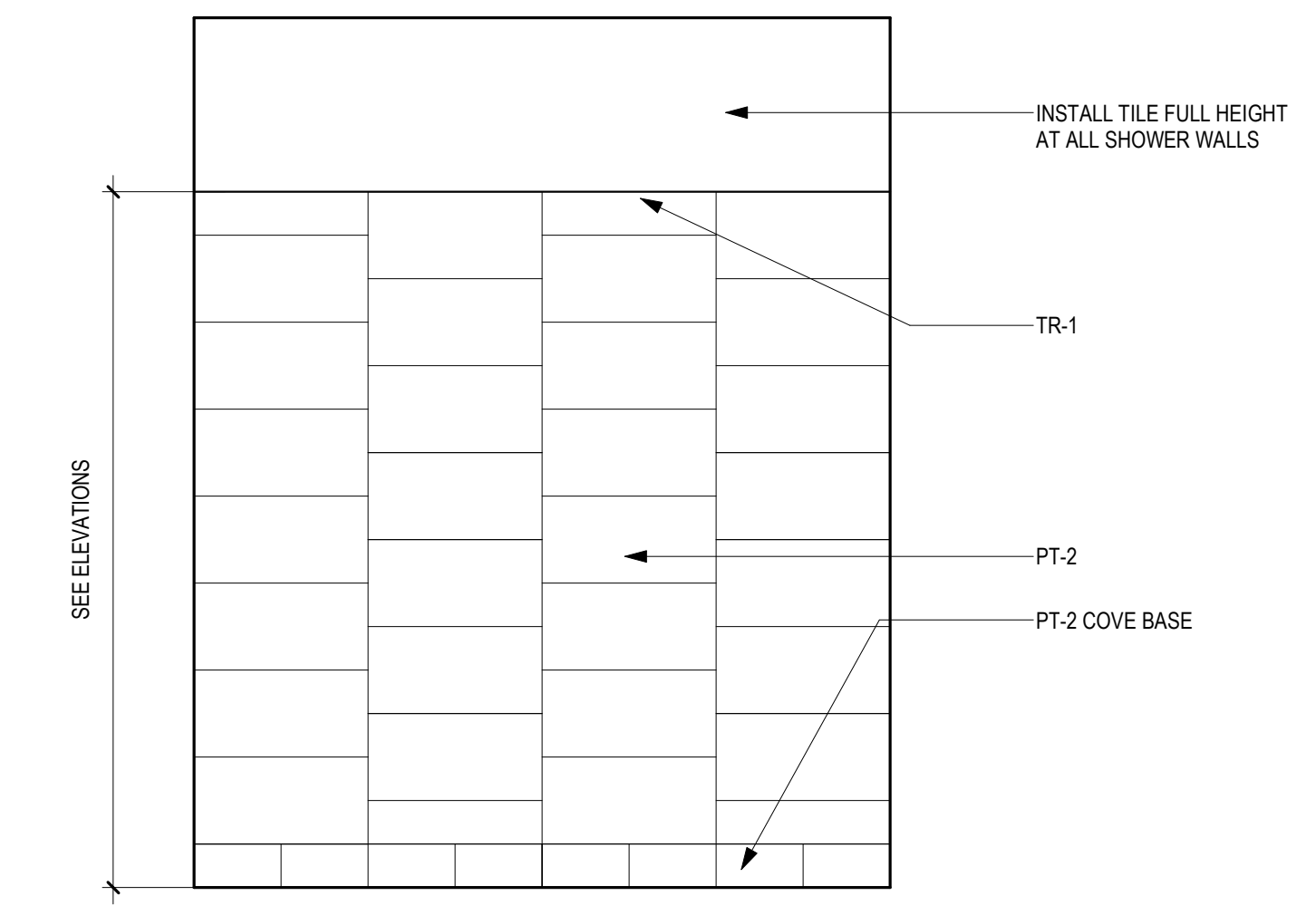
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MATERIAL SCHEDULE							
SPEC...	CODE	MATERIAL	MANUFACTURER	STYLE	COLOR	SIZE	REMARKS
09 30 00	TS-1	METAL TRANSITION STRIP	SCHLUTER SYSTEMS	RENO-U	SATIN NICKEL ANODIZED		TBD BY INSTALLER
	TS-2	METAL TRANSITION STRIP	POWERHOLD	NO LIP RAMP	EA ALUMINUM		TBD BY INSTALLER
	TS-3	METAL TRANSITION STRIP	POWERHOLD	LVT BEVEL CAP	EA ALUMINUM		TBD BY INSTALLER
	TS-4	METAL TRANSITION STRIP	ANY	TERRAZO TYPE DIVIDER STRIP	MILL FINISH		TBD BY INSTALLER
	TR-1	METAL TRANSITION STRIP	SCHLUTER SYSTEMS	QUADEC	SATIN NICKEL ANODIZED		TBD BY INSTALLER INSTALL ABOVE COVE BASE
09 30 13	PT-1	PORCELAIN CERAMIC TILE	CROSSVILLE	PORTUGAL	MADIERA RESERVE PTG06.11224UPS	12" X 24"	GROUT: BOSTIK DELOREAN GRAY H160
	PT-2	PORCELAIN CERAMIC TILE	CROSSVILLE	JAVA JOINT	TWO SUGARS JAV01.11224UPS	12" X 24"	GROUT: BOSTIK WHITE H152
	PT-3	PORCELAIN CERAMIC TILE	CROSSVILLE	PORTUGAL	MADIERA RESERVE MOSAIC PTG06.10202UMOS	2" X 2"	GROUT: BOSTIK DELOREAN GRAY H160
09 65 13	RB-1	RESILIENT BASE	TARKETT	JOHNSONITE TRADITIONAL WALL BASE	32 PEBBLE	4"	RUBBER
	RB-2	RESILIENT BASE	TARKETT	JOHNSONITE TRADITIONAL WALL BASE	TB1 PEPPERCORN	4"	RUBBER
09 65 19	LVT-1	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	ACTIVE LINES - CRISSCROSS	FLASH ALC101	18" X 18"	
	LVT-2	LUXURY VINYL TILE	TARKETT	CONTOUR PCCD C-STAMPED	0525 ODYSSEY	18" X 18"	
09 67 23	RES-1	RESINOUS FLOORING	SHERWIN WILLIAMS	RESUFLO DECOR QUARTZ BC23	FOGGY MORNING		
09 68 00	CPT-1	MODULAR CARPET TILE	MANNINGTON COMMERCIAL	ARROYO	MESA 84167	12" X 48"	INSTALLATION: 3-STEP VERTICAL ASHLAR
09 91 00	P-1	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - EG SHEL	SW 6070 HERON PLUME		
	P-2	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - EG SHEL	SW 7568 MEDICI IVORY		
	P-3	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - EG SHEL	MATCH BENJAMIN MOORE - 2108-50 SILVER FOX		
	P-4	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - EG SHEL	SW 6267 GIBRALTAR		
	P-5	PAINT	SHERWIN WILLIAMS	PROMAR 200 LOW VOC - FLAT	SW 7007 CEILING BRIGHT WHITE		
	P-6	PAINT	SHERWIN WILLIAMS	PROMAR 200 ALKYD - SEMI GLOSS	MATCH BENJAMIN MOORE - 2108-50 SILVER FOX		HOLLOW METAL DOORS AND FRAMES
	C	CONCRETE SEALER	ARDEX	HIGH PERFORMANCE, WATERBOURNE ACRYLIC CONCRETE SEALER	CLEAR		
	STN-1	WOOD STAIN	SHERWIN WILLIAMS	WOOD CLASSICS INTERIOR OIL STAIN	SW 3133-B RUSTIC GRAY		
	STN-2	WOOD STAIN	SHERWIN WILLIAMS	WOOD CLASSICS INTERIOR OIL STAIN	MATCH INTERIOR WOOD DOORS AT ADMIN BLDG		
10 21 13		TOILET PARTITION	SCRANTON	HINY HIDERS PARTITIONS	SHALE		
10 51 13		METAL LOCKER	LYON	SINGLE TIER STANDARD METAL LOCKER	6Y BRILLIANT BLUE		
12 24 00	WS	WINDOW SHADES	HUNTER DOUGLAS...	FR ALUMINUM HORIZONTAL BLINDS - MODEL CD80	001 GLACIER WHITE		
12 32 00	PLAM-1	PLASTIC LAMINATE	LAMINART	ISLAND BIRCH	3076		VELLUM FINISH
12 36 00	S-1	SOLID SURFACE	DUPONT	CARRARA LINO			MATTE FINISH
	PLAM-2	PLASTIC LAMINATE	WILSONART	MAGNOLIA	5012K-19		19 LENO WEAVE FINISH

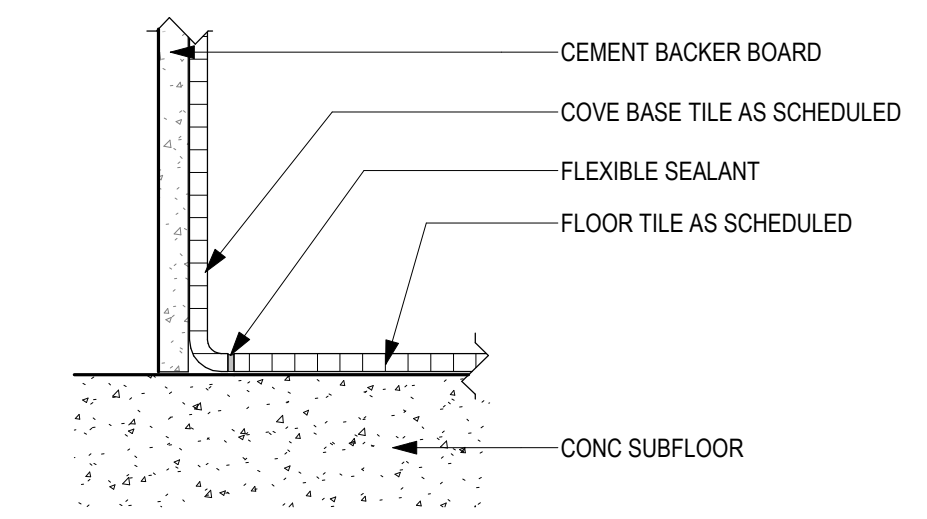
ROOM FINISH SCHEDULE - MAINTENANCE 3001									
NO.	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	REMARKS
				NORTH	EAST	SOUTH	WEST		
1	OPEN OFFICE	LVT-2	RB-1	P-3	P-3	P-3	P-3	GWB (P-5)	
2	FOREMAN'S OFFICE	LVT-2	RB-1	P-3	P-3	P-3	P-3	GWB (P-5)	
3	WOMEN'S LOCKERS	PT-1	PT-1	P-1PT-2	P-1PT-2	P-1PT-2	P-1PT-2	GWB (P-5)	
4	HALLWAY	LVT-2	RB-1	P-1	P-1	P-1	P-1	GWB (P-5)	
5	HALLWAY	LVT-2	RB-1	P-1	P-1	P-1	P-1	GWB (P-5)	
6	MECHANICAL	EXIST	RB-1	P-1	P-1	P-1	P-1	GWB (P-5)	
7	EYEWASH BOOT WASH	RES-1	RES-1	P-1	P-1	P-1	P-1	GWB (P-5)	
8	MEN'S LOCKERS	PT-1	PT-1	P-1	P-1	P-1	P-1	GWB (P-5)	
14	BREAKROOM LOUNGE	LVT-2	RB-1	P-1	P-1P-4	P-4	P-1	GWB (P-5)	SEE FINISH PLAN FOR ADDITIONAL INFORMATION
15	HALLWAY	LVT-2	RB-1	P-2	P-2	P-2	P-2	GWB (P-5)	
16	MEN'S TOILET	PT-1	PT-1	P-1PT-2	P-1PT-2	P-1PT-2	P-1PT-2	GWB (P-5)	
17	MECHANICS OFFICE	LVT-2	RB-1	P-3	P-3	P-3	P-3	GWB (P-5)	
18	DATA SECURITY	C	RB-1	P-1	P-1	P-1	P-1	GWB (P-5)	
19	HAC	PT-1	RB-1	P-1	P-1	P-1	P-1	GWB (P-5)	



1 FLOORING TRANSITION STRIPS  
1/2" = 1'-0"



2 TILE PATTERN - TYP  
1/2" = 1'-0"



3 COVE BASE DETAIL  
3/8" = 1'-0"

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Revisions:	Date:

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DATE: 10/31/2022  
License # 9335

Office of Construction and Facilities Management

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**MATERIAL AND ROOM FINISH SCHEDULE**

Approved: \_\_\_\_\_

Phase  
**BID DOCUMENTS SUBMITTAL**

Project Title  
**BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS**

Location  
STURGIS, SOUTH DAKOTA

Issue Date  
10-31-22

Checked  
MRP

Drawn  
CZ

Project Number  
**884-CM-3015**

Building Number  
**3001**

Drawing Number  
**AF600-3001**  
50 OF 84

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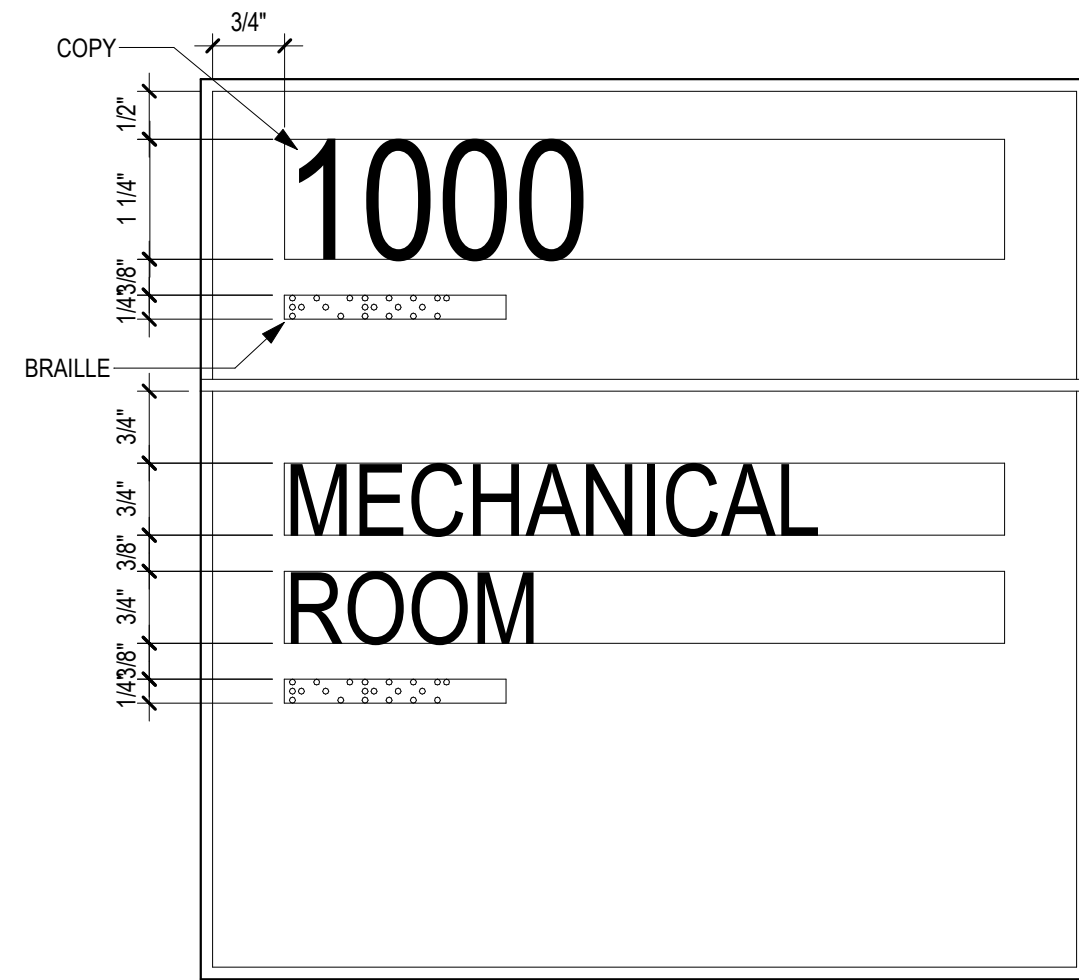
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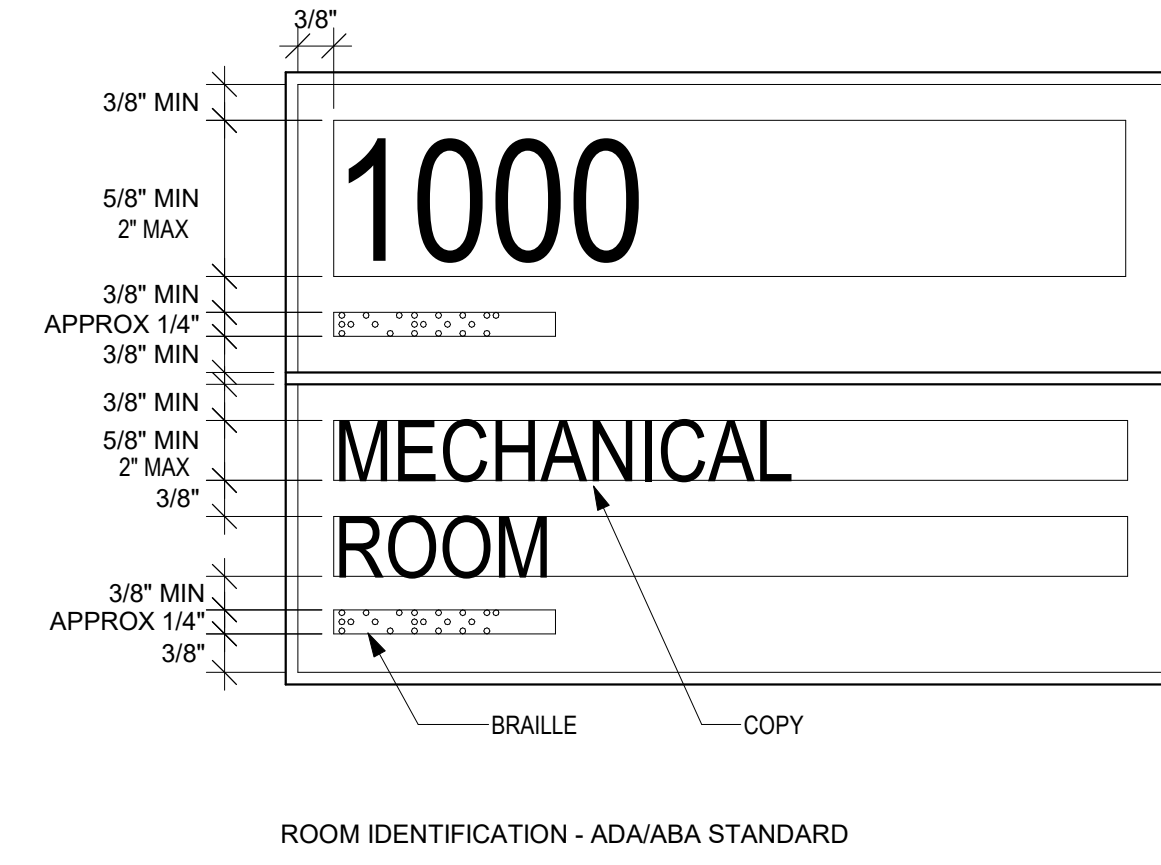
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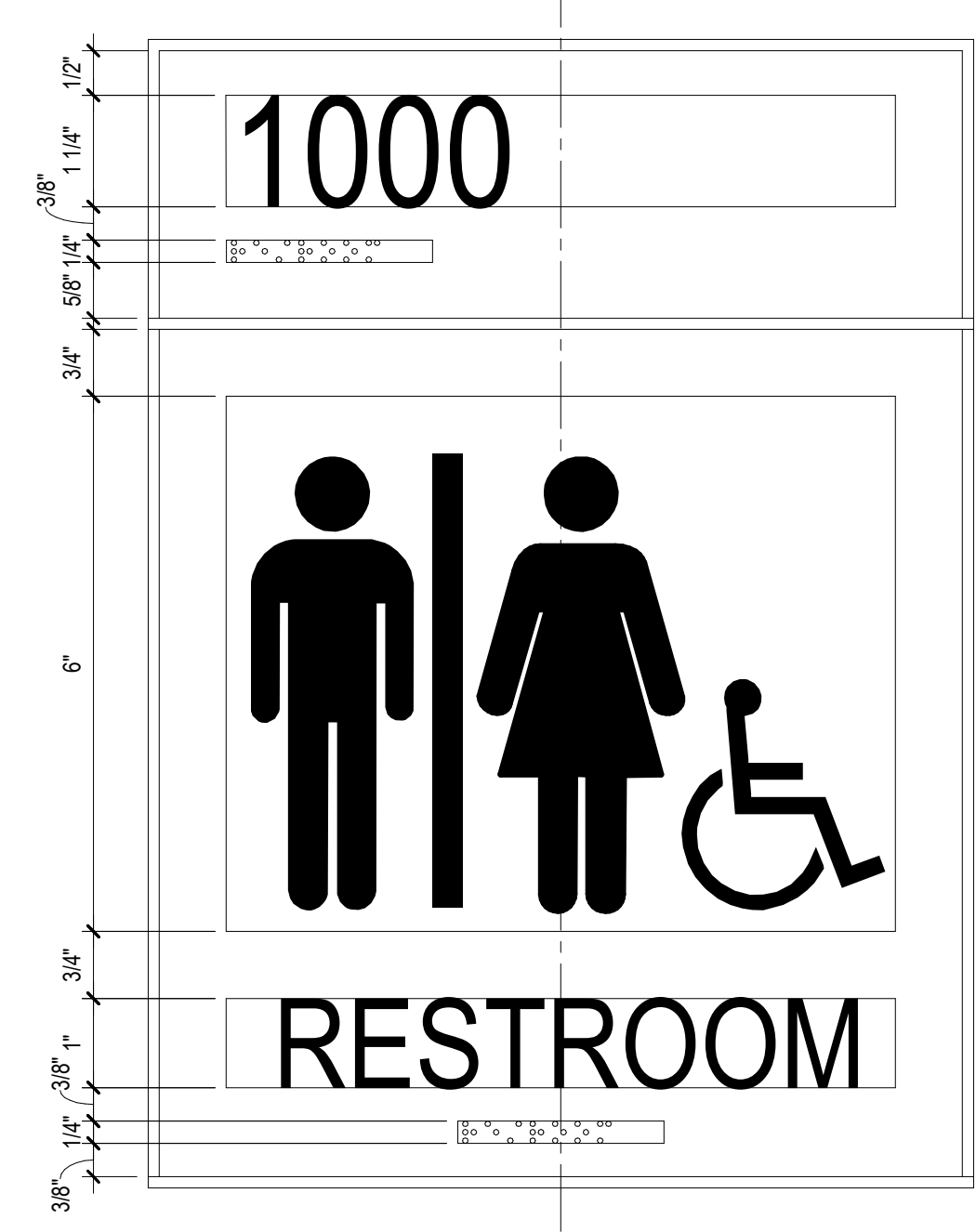
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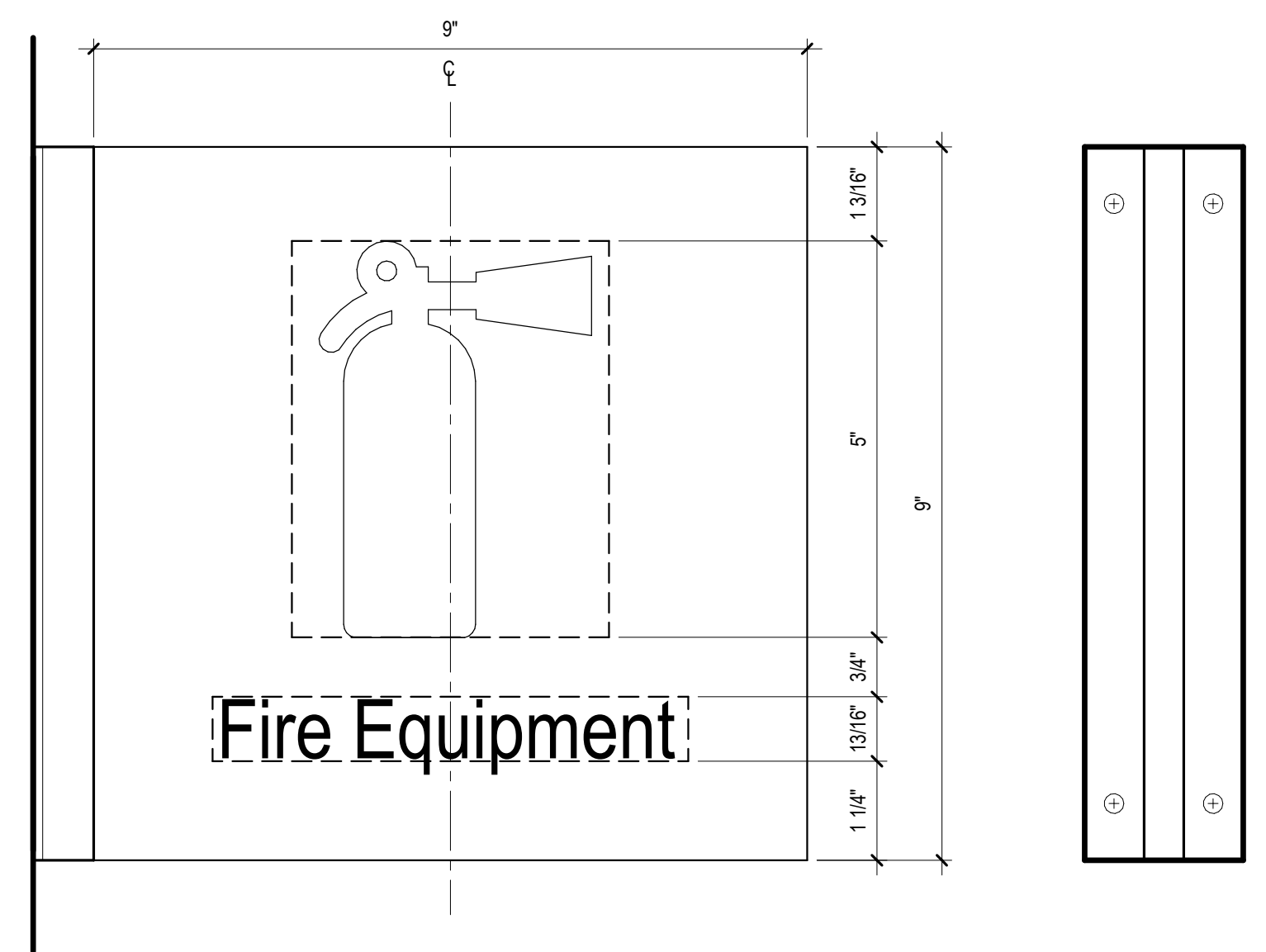
1 NC-14.01 PRIMARY ROOM ID  
6" = 1'-0"



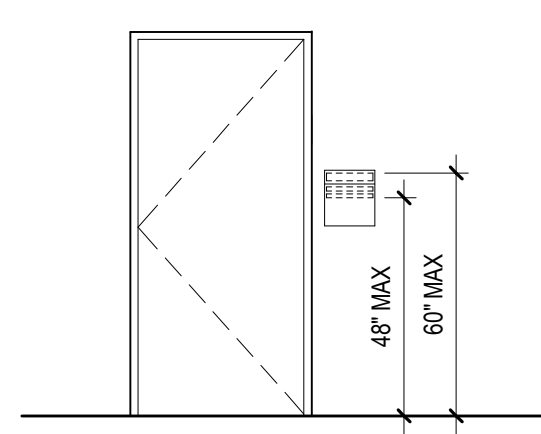
2 SIGNAGE ADA STANDARDS  
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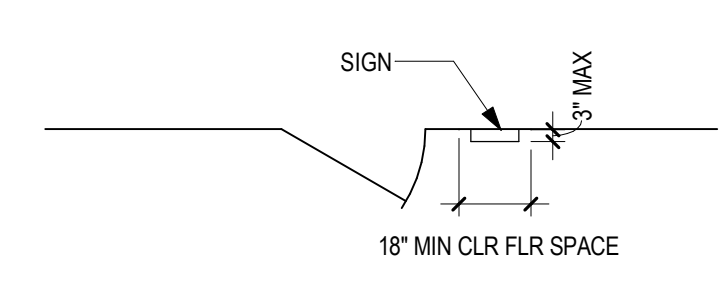
3 NC-15.03 RESTROOM ID  
6" = 1'-0"



4 IN-01.31 FIRE EQUIPMENT  
6" = 1'-0"



5 SIGN WALL ELEVATION  
1/4" = 1'-0"



6 SIGNAGE - PLAN VIEW  
1/4" = 1'-0"

**SIGNAGE GENERAL NOTES**

1. ALL SIGNAGE IDENTIFYING PERMANENT ROOMS SHALL COMPLY WITH 2010 STANDARD FOR ACCESSIBLE DESIGN.
2. ALL PERMANENT ROOM SIGNAGE TO HAVE TOP SECTION RAISED TEXT AND LOWER SECTION BRAILLE. BRAILLE TO BE GRADE 2.
3. ALL SIGNS TO BE MOUNTED ON LATCH SIDE OF DOOR UNLESS NOTED OTHERWISE. IF NO SPACE EXISTS ON LATCH SIDE MOUNT SIGN TO THE NEAREST ADJACENT WALL. SIGNS MUST BE 2' FROM DOOR JAMB WITH 18" CLEAR FLOOR SPACE FROM CENTER OF SIGN.
4. ALL SIGN TEXT AND NUMBERING SUBJECT TO FINAL APPROVAL BY OWNER.
5. ALL SIGNS MOUNTED TO GLASS TO HAVE GLASS BACKER.
6. SIGNS TO BE MOUNTED ACCORDING TO MANUFACTURERS INSTALLATION INSTRUCTIONS AND MATERIALS.
7. SIGN DETAILS ARE FOR REFERENCE ONLY. ACTUAL DESIGN TO BE PROVIDED BY THE VENDOR, FOLLOWING FACILITY STANDARD, AND SUBJECT TO OWNER APPROVAL.

**SIGN MESSAGE SCHEDULE**

LOCATION	SIGN MESSAGE	SIGN TYPE	COUNT	REMARKS
2	FOREMAN'S OFFICE	NC-14.01	1	
3	WOMEN'S LOCKERS	NC-15.02	1	
6	MECHANICAL	NC-14.01	1	
7	BOOTWASH	NC-14.01	1	
8	FIRE EQUIPMENT	IN-01.31	1	
9	MENS LOCKERS	NC-15.01	1	
16	MENS TOILET	NC-15.01	1	
17	MECHANICS OFFICE	NC-14.01	1	
18	DATA/SECURITY	NC-14.01	1	
19	HVAC	NC-14.01	1	

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DATE: 10/31/2022  
License # 9335

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

**Drawing Title**  
WAYFINDING MESSAGE SCHEDULES & SIGNAGE DETAILS

Approved: \_\_\_\_\_

**Phase**  
BID DOCUMENTS SUBMITTAL

**Project Title**  
BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS

**Location**  
STURGIS, SOUTH DAKOTA

**Issue Date**  
10-31-22

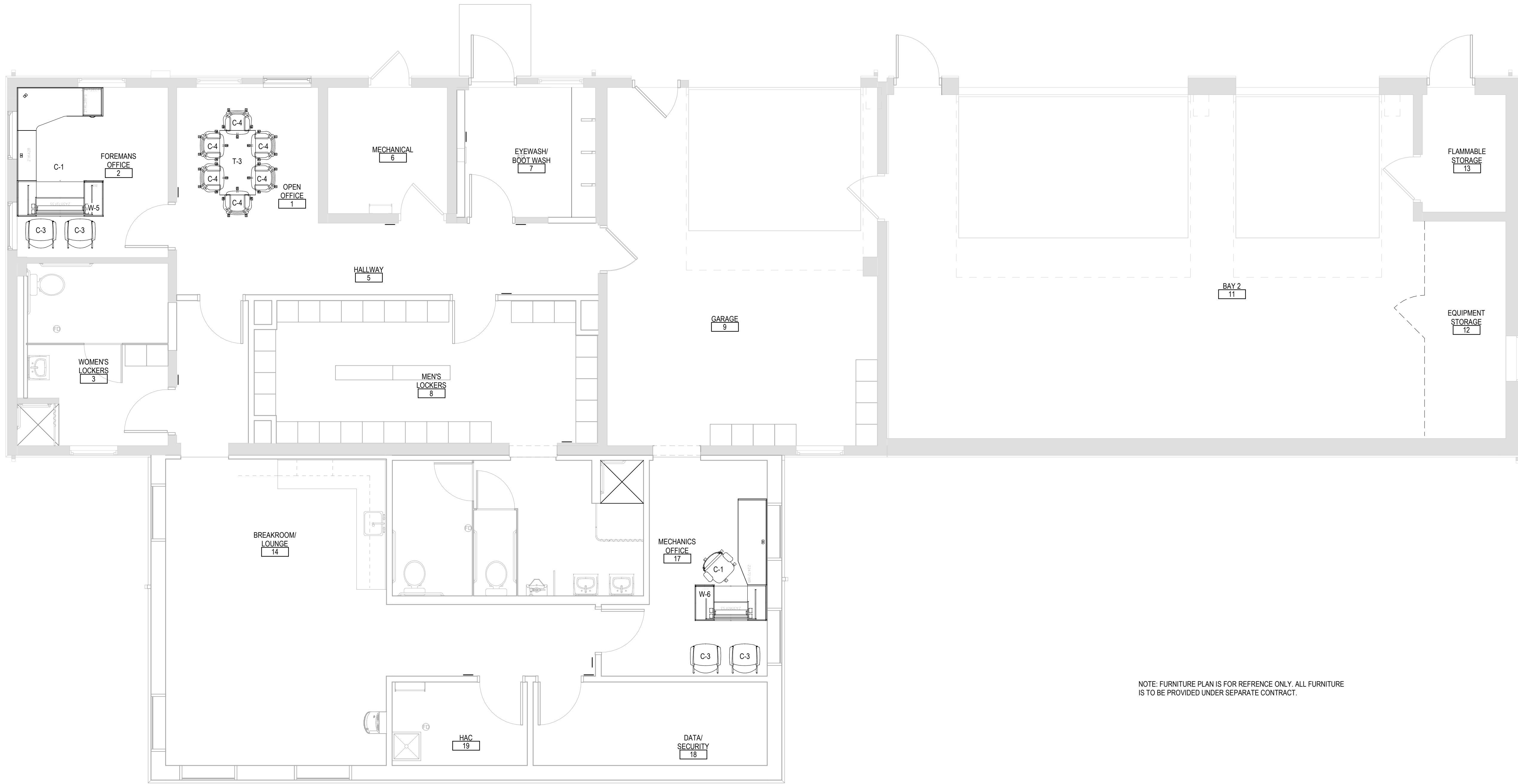
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CZ

**Project Number**  
884-CM-3015

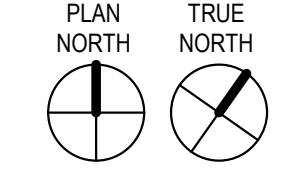
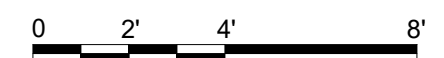
**Building Number**  
3001

**Drawing Number**  
AW601-3001  
51 OF 84



NOTE: FURNITURE PLAN IS FOR REFERENCE ONLY. ALL FURNITURE IS TO BE PROVIDED UNDER SEPARATE CONTRACT.

**1** FIRST LEVEL FURNITURE PLAN - MAINTENANCE 3001  
1/4" = 1'-0"



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CONSULTANT		
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**Office of Construction and Facilities Management**

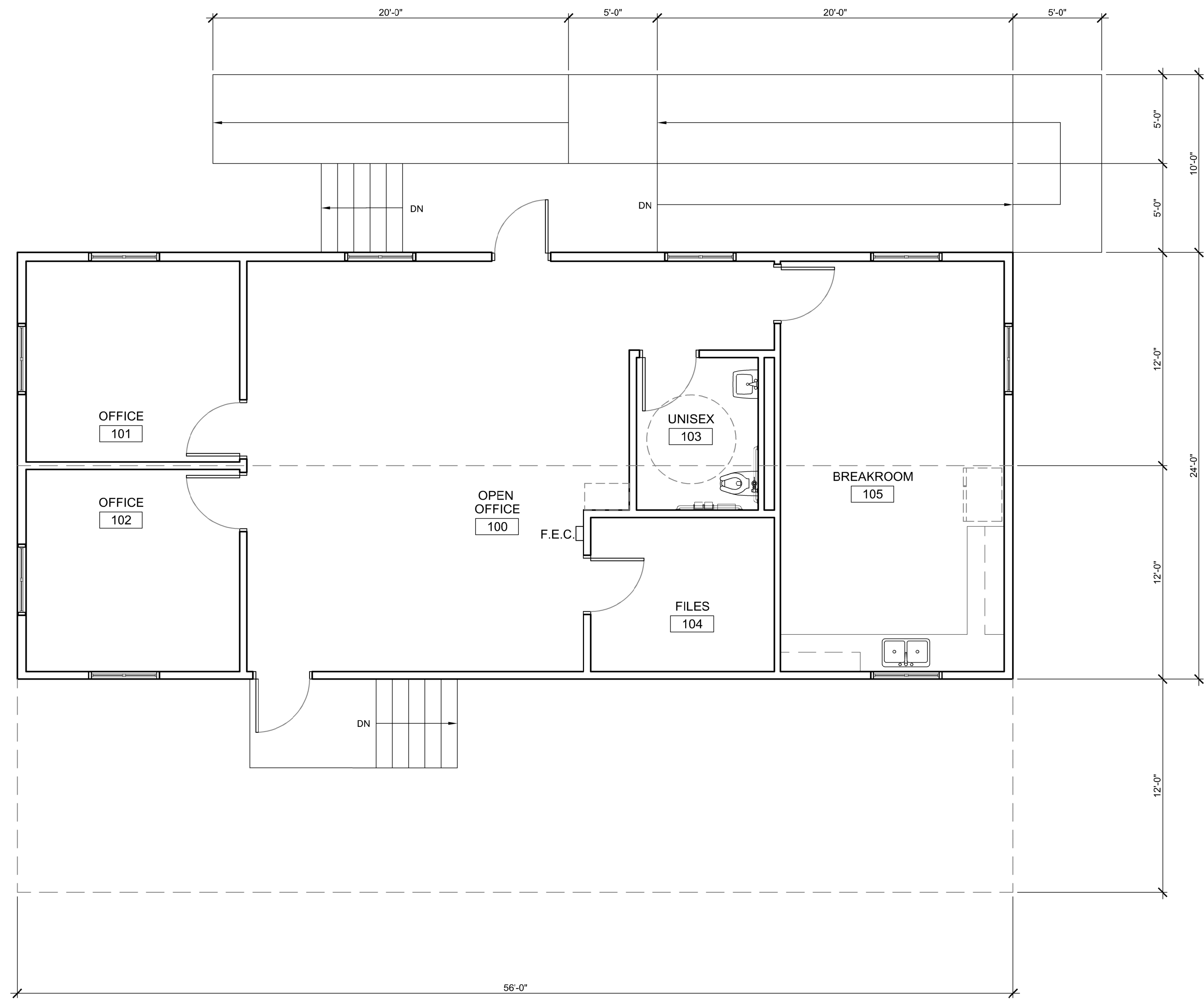
**VA** U.S. Department of Veterans Affairs

<b>Drawing Title</b>	<b>FIRST LEVEL FURNITURE PLAN</b>
<b>Approved:</b>	

<b>Phase</b>	<b>BID DOCUMENTS SUBMITTAL</b>
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<b>Project Title</b>	<b>BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS</b>
<b>Location</b>	STURGIS, SOUTH DAKOTA
<b>Issue Date</b>	10-31-22
<b>Checked</b>	MRP
<b>Drawn</b>	CZ

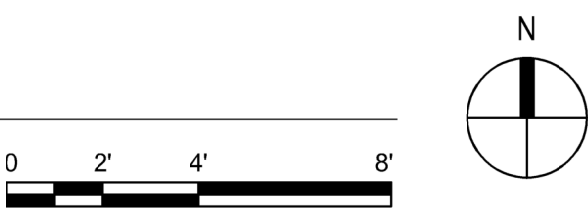
<b>Project Number</b>	884-CM-3015
<b>Building Number</b>	3001
<b>Drawing Number</b>	<b>IF110-3001</b> 52 OF 84



- ### GENERAL NOTES
- THIS TEMPORARY FACILITY IS DESIGNED FOR USE BY EMPLOYEES AND IS INTENDED FOR USE BY OR SERVICE TO THE PUBLIC. THE PRIMARY ENTRANCE AND REQUIRED EXITS MUST BE ACCESSIBLE. ALL FACILITY ELEMENTS INCLUDING FIXTURES, CONTROLS, AND ACCESSORIES, SHALL BE ACCESSIBLE IN ACCORDANCE WITH REFERENCED ACCESSIBILITY STANDARDS.
  - ALL EXTERIOR DOORS TO BE INSULATED 20 GA. HOLLOW METAL DOORS WITH 2'-0" X 2'-0" SAFETY LAMINATE INSULATING GLASS WITH GLASS BOTTOM AT 43" AFF. ALL EXTERIOR FRAMES TO BE 18 GA. THERMALLY BROKEN HOLLOW METAL. ALL DOORS SHALL BE 3'-0" X 7' X 0" WITH ACCESSIBLE HARDWARE INCLUDING LEVER HANDLES. ALL INTERIOR DOORS TO BE PAINTED SOLID CORE WOOD WITH WOOD FRAMES.
  - REQUIRED ACCESSIBLE TOILET SIGNAGE SHALL BE PROVIDED AND SITE INSTALLED BY CONTRACTOR PRIOR TO OCCUPATION. PORTABLE FIRE EXTINGUISHER SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR PRIOR TO OCCUPATION WHERE INDICATED ON DRAWINGS.
  - ALL CONSTRUCTION, MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODES AND LAWS. ALL PARTIES EMPLOYED BY THE MANUFACTURER RESPONSIBLE FOR DESIGN WORK SHALL BE QUALIFIED AND LICENSED AS REQUIRED BY THE JURISDICTION HAVING AUTHORITY OR SHALL RETAIN QUALIFIED AND LICENSED ENTITIES TO PERFORM SUCH WORK.
  - THE FLOOR PLAN INCLUDES DESIGN INFORMATION FOR THE FACTORY BUILT PORTION OF THE MODULAR TRAILER STRUCTURE AND PORTIONS OF THE SITE BUILT CONSTRUCTION INCLUDING RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING BY THE CONTRACTOR.
  - PROVIDE STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES.
  - ANY AIR GAPS BETWEEN MODULES AT FLOOR AND CEILING LINES AND ANY OTHER PENETRATIONS THROUGH THE BUILDING ENVELOPE SHALL BE GASKETED, WEATHER-STRIPPED, WRAPPED OR OTHERWISE SEALED WITH APPROPRIATE SEALANT TO LIMIT UNCONTROLLED AIR MOVEMENT
  - TRANSPORTATION, ERECTION AND REMOVAL OF THIS MODULAR TRAILER STRUCTURES IS INCLUDED IN THE CONTRACT, AS WELL AS USE CHARGES FOR THE TEMPORARY FACILITIES. ANY TRANSPORTATION AND/OR LIFTING AND PLACING REQUIREMENTS MUST BE EVALUATED BY TRANSPORTATION AND ERECTION DESIGNER FOR SUITABILITY. TRANSPORTATION OF THE MODULAR TRAILERS TO AND FROM SITE, INCLUDING ACCEPTABLE CAMPUS ROUTES, SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL CEMETERY @ FT. SAM HOUSTON.
  - RODENT PROOFING IN ACCORDANCE WITH IBC APPENDIX F SHALL BE INSTALLED. RODENT PROOFING WILL BE PROVIDED BY THE CONTRACTOR, SITE INSTALLED AND SUBJECT TO THE APPROVAL OF THE AUTHORITY HAVING JURISDICTION (AHJ).
  - CONTRACTOR TO REMOVE FURNITURE FROM EXISTING ADMINISTRATION BUILDING AND RE-INSTALL IN TEMPORARY FACILITY PER GUIDANCE BY OWNER.
  - FOR ADDITIONAL INFORMATION SEE SPECIFICATIONS SECTION 01 00 10 TEMPORARY FACILITIES.

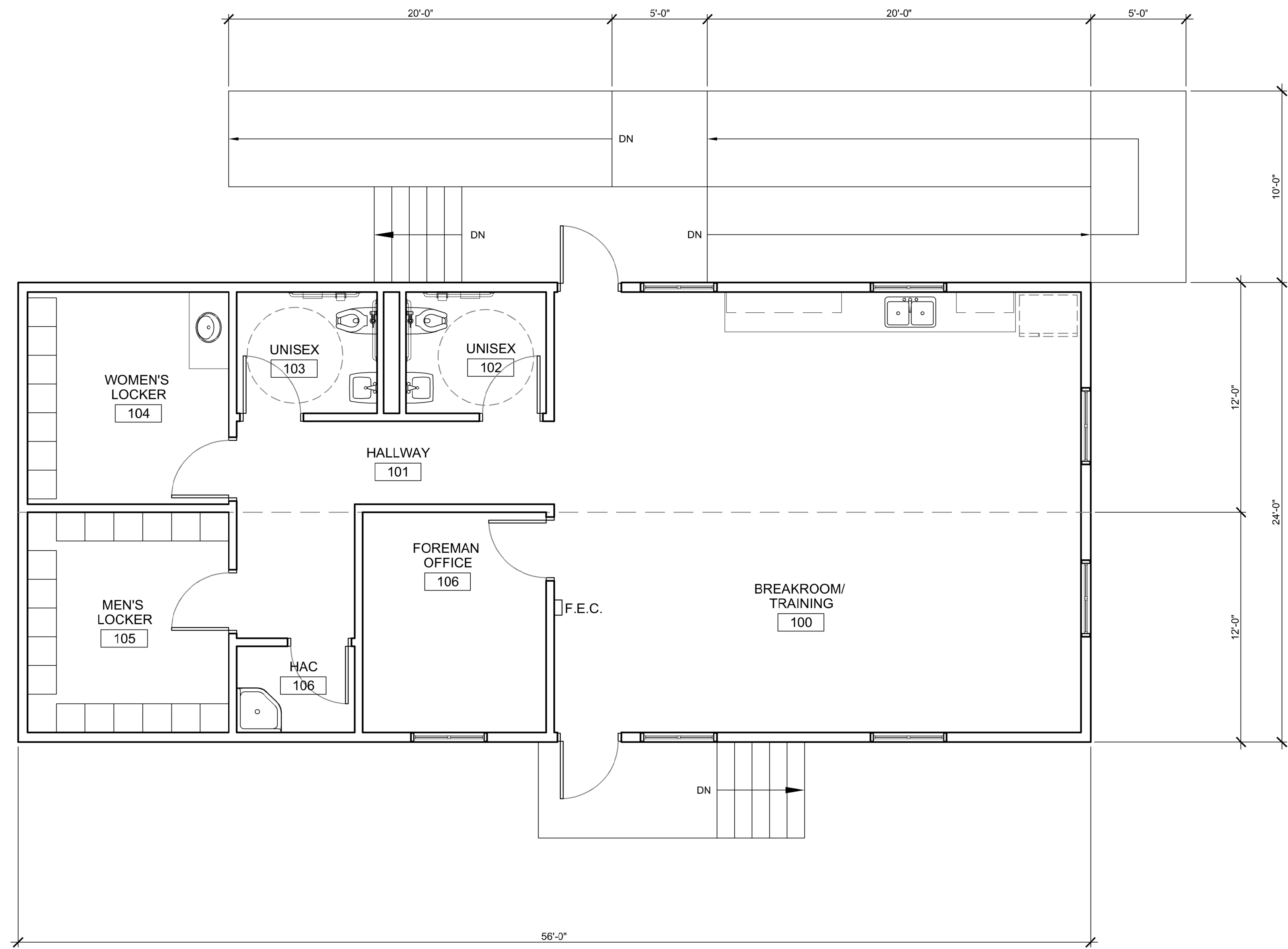
- ### FINISH NOTES
- OFFICE AND CONFERENCE ROOM FLOOR COVERINGS TO BE CARPET. ALL OTHER SPACES TO HAVE COMMERCIAL GRADE FLOOR TILE. BASE MATERIAL TO BE 4" CONTINUOUS VINYL COVE.
  - TOILET ROOMS WALLS WILL BE WHITE FIBERGLASS REINFORCED PANELS INSTALLED OVER 1/2" WATER RESISTANT GYPSUM BOARD. ALL OTHER WALLS TO BE VINYL COVERED 1/2" GYPSUM BOARD WITH WRAPPED BATTENS.
  - CEILING TO BE STANDARD 2 X 4 T-GRID AT 8'-0" AFF INSTALLED AT THE FACTORY. ACT TO BE ACT-1.
  - WOOD DOORS AND FRAMES SHALL BE PAINTED.

1 ADMINISTRATION TEMPORARY TRAILER - FLOOR PLAN  
SCALE: 1/4" = 1'-0"

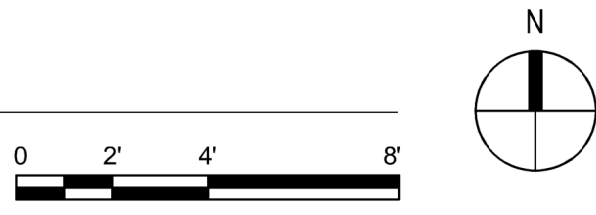


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<b>CONSULTANTS</b> MECHANICAL ELECTRICAL TECHNOLOGY & STRUCTURAL <b>IMEG CORP.</b> 14755 PRESTON RD STE 845 DALLAS, TX 75294 (309) 786-5075		GEOTECHNICAL <b>AET</b> 1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397		COST ESTIMATING <b>CPMI</b> 3265 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3663		<b>ARCHITECT/ENGINEER OF RECORD</b> <b>ANDERSON</b> 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   a-e-mn.com Anderson Engineering of Minnesota, LLC   Proj # 15785		STAMP	Office of Design and Construction (TYP) <b>VA</b> U.S. Department of Veterans Affairs	Drawing Title <b>ADMINISTRATION TEMPORARY TRAILER</b> Approved: Project Director	Phase <b>BID DOCUMENTS SUBMITTAL</b>	Project Title BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS Location STURGIS, SOUTH DAKOTA	Project Number 884-CM-3015 Building Number TT01 Drawing Number <b>ATT.01</b> 53 OF 84
Revisions:		Date:											



1 MAINTENANCE TEMPORARY TRAILER - FLOOR PLAN  
SCALE: 1/4" = 1'-0"



GENERAL NOTES

- THIS TEMPORARY FACILITY IS DESIGNED FOR USE BY EMPLOYEES AND IS NOT INTENDED FOR USE BY OR SERVICE TO THE PUBLIC. THE PRIMARY ENTRANCE AND REQUIRED EXITS MUST BE ACCESSIBLE. ALL FACILITY ELEMENTS INCLUDING FIXTURES, CONTROLS, AND ACCESSORIES, SHALL BE ACCESSIBLE IN ACCORDANCE WITH REFERENCED ACCESSIBILITY STANDARDS.
- ALL EXTERIOR DOORS TO BE INSULATED 20 GA. HOLLOW METAL DOORS WITH 2'-0" X 2'-0" SAFETY LAMINATE INSULATING GLASS WITH GLASS BOTTOM AT 43" AFF. ALL EXTERIOR FRAMES TO BE 18 GA. THERMALLY BROKEN HOLLOW METAL. ALL DOORS SHALL BE 3'-0" X 7'X 0" WITH ACCESSIBLE HARDWARE INCLUDING LEVER HANDLES.  
ALL INTERIOR DOORS TO BE PAINTED SOLID CORE WOOD WITH WOOD FRAMES.
- REQUIRED ACCESSIBLE TOILET SIGNAGE SHALL BE PROVIDED AND SITE INSTALLED BY CONTRACTOR PRIOR TO OCCUPATION. PORTABLE FIRE EXTINGUISHER SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR PRIOR TO OCCUPATION WHERE INDICATED ON DRAWINGS.
- ALL CONSTRUCTION, MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODES AND LAWS. ALL PARTIES EMPLOYED BY THE MANUFACTURER RESPONSIBLE FOR DESIGN WORK SHALL BE QUALIFIED AND LICENSED AS REQUIRED BY THE JURISDICTION HAVING AUTHORITY OR SHALL RETAIN QUALIFIED AND LICENSED ENTITIES TO PERFORM SUCH WORK.
- THE FLOOR PLAN INCLUDES DESIGN INFORMATION FOR THE FACTORY BUILT PORTION OF THE MODULAR TRAILER STRUCTURE AND PORTIONS OF THE SITE BUILT CONSTRUCTION INCLUDING RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING BY THE CONTRACTOR. PROVIDE STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES.
- ANY AIR GAPS BETWEEN MODULES AT FLOOR AND CEILING LINES AND ANY OTHER PENETRATIONS THROUGH THE BUILDING ENVELOPE SHALL BE GASKETED, WEATHER-STRIPPED, WRAPPED OR OTHERWISE SEALED WITH APPROPRIATE SEALANT TO LIMIT UNCONTROLLED AIR MOVEMENT
- TRANSPORTATION, ERECTION AND REMOVAL OF THIS MODULAR TRAILER STRUCTURES IS INCLUDED IN THE CONTRACT, AS WELL AS USE CHARGES FOR THE TEMPORARY FACILITIES. ANY TRANSPORTATION AND/OR LIFTING AND PLACING REQUIREMENTS MUST BE EVALUATED BY TRANSPORTATION AND ERECTION DESIGNER FOR SUITABILITY. TRANSPORTATION OF THE MODULAR TRAILERS TO AND FROM SITE, INCLUDING ACCEPTABLE CAMPUS ROUTES, SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL CEMETERY @ FT. SAM HOUSTON.
- RODENT PROOFING IN ACCORDANCE WITH IBC APPENDIX F SHALL BE INSTALLED. RODENT PROOFING WILL BE PROVIDED BY THE CONTRACTOR, SITE INSTALLED AND SUBJECT TO THE APPROVAL OF THE AUTHORITY HAVING JURISDICTION (AHJ).
- CONTRACTOR TO SALVAGE LOCKERS FROM EXISTING MAINTENANCE BUILDING LOCKEROOMS AND INSTALL IN TEMPORARY FACILITIES ON SITE. CONTRACTOR TO RELOCATE EXISTING FURNITURE FROM EXISTING MAINTENANCE BUILDING AND INSTALL IN TEMPORARY FACILITIES.
- FOR ADDITIONAL INFORMATION SEE SPECIFICATIONS SECTION 01 00 10 TEMPORARY FACILITIES.

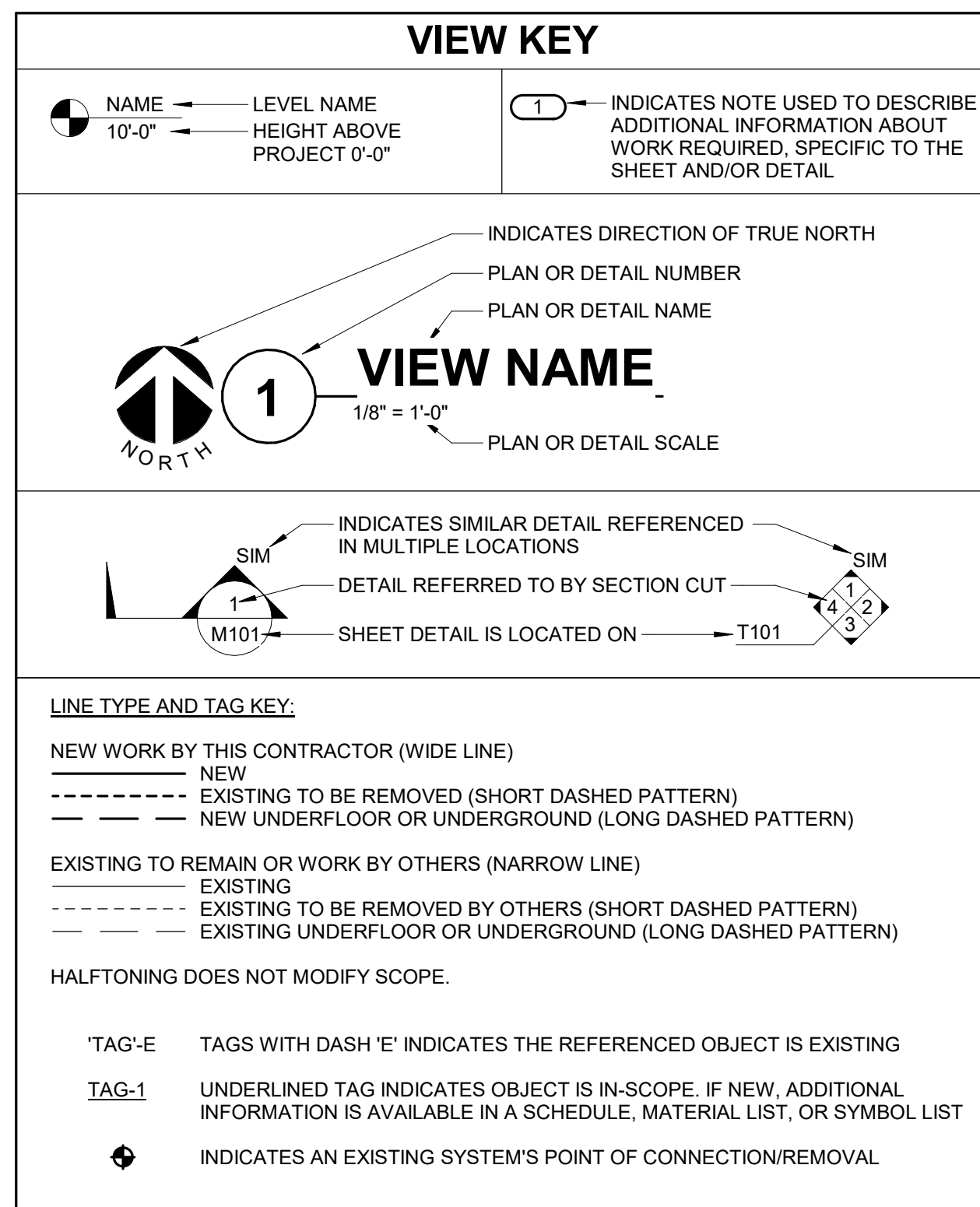
FINISH NOTES

- OFFICE AND CONFERENCE ROOM FLOOR COVERINGS TO BE CARPET. ALL OTHER SPACES TO HAVE COMMERCIAL GRADE FLOOR TILE. BASE MATERIAL TO BE 4" CONTINUOUS VINYL COVE.
- TOILET ROOMS WALLS WILL BE WHITE FIBERGLASS REINFORCED PANELS INSTALLED OVER 1/2" WATER RESISTANT GYPSUM BOARD. ALL OTHER WALLS TO BE VINYL COVERED 1/2" GYPSUM BOARD WITH WRAPPED BATTENS.
- CEILING TO BE STANDARD 2 X 4 T-GRID AT 8'-0" AFF INSTALLED AT THE FACTORY. ACT TO BE ACT-1.
- WOOD DOORS AND FRAMES SHALL BE PAINTED

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<b>CONSULTANTS</b> MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL <b>IMEG CORP.</b> 14755 PRESTON RD. STE 845 DALLAS, TX 75254 (309) 786-5075			GEOTECHNICAL <b>AET</b> 1745 SAMCO RD RAPID CITY, SD 57702 (605) 223-4397			COST ESTIMATING <b>CPMI</b> 3285 NORTHWOOD CIR STE 170 EAGAN, MN 55121 (952) 854-3863			<b>ARCHITECT/ENGINEER OF RECORD</b> <b>ANDERSON</b> 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com Anderson Engineering of Minnesota, LLC   Proj # 15785			STAMP  Office of Design and Construction (TYP) <b>VA</b> U.S. Department of Veterans Affairs			Drawing Title <b>MAINTENANCE TEMPORARY TRAILER</b> Approved: Project Director			Phase <b>BID DOCUMENTS SUBMITTAL</b>			Project Title BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS Location STURGIS, SOUTH DAKOTA			Project Number 884-CM-3015 Building Number TT02 Drawing Number <b>ATT.02</b> 54 OF 84		
Revisions:		Date:																								





### APPLICABLE CODES

CONTRACTOR SHALL COMPLY WITH APPLICABLE CODES AND LOCAL AMENDMENTS.

BUILDING CODE:	IBC 2015 EDITION
FIRE CODE:	IFC 2015 EDITION
PLUMBING CODE:	IPC 2015 EDITION
MECHANICAL CODE:	IMC 2015 EDITION
ELECTRICAL CODE:	NFPA 70 (NEC) 2011 EDITION
LIFE SAFETY CODE:	NFPA 101 2011 EDITION
ENERGY CONSERVATION CODE:	IECC 2015
HEALTH DEPARTMENT CODE:	CURRENT EDITION
LOCAL BUILDING CODE:	CURRENT EDITION

### CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIO/VISUAL CONTRACTOR
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.C.	HEATING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR
V.C.	VENTILATION CONTRACTOR
R.E.	RESIDENT ENGINEER

### MECHANICAL SYMBOL LIST

NOT ALL SYMBOLS MAY APPLY.

SYMBOL:	DESCRIPTION:
	DIRECTION OF AIR FLOW
	FLEXIBLE DUCT
	MANUAL VOLUME DAMPER
	RISE IN DIRECTION OF AIR FLOW
	DROP IN DIRECTION OF AIR FLOW
	DUCT CAP
	DUCT DOWN
	DUCT UP
	SUPPLY/OUTSIDE AIR DUCT SECTION
	RETURN AIR DUCT SECTION
	EXHAUST/RELIEF AIR DUCT SECTION
	4-WAY DIFFUSER WITH BLANKOFF IN ONE DIRECTION
	AIR TERMINAL PROPERTIES SYMBOL NECK SIZE/CFM
	OPPOSED BLADE DAMPER (REFER TO SCHEDULE)
	PARALLEL BLADE DAMPER (REFER TO SCHEDULE)
	DIFFERENTIAL PRESSURE SENSOR
	HUMIDISTAT SENSOR
	HUMIDISTAT / SENSOR
	CARBON MONOXIDE SENSOR
	CARBON DIOXIDE SENSOR
	OCCUPANCY SENSOR
	PRESSURE SENSOR/MONITOR
	PRESSURE SENSOR (DUCT MOUNTED)
	THERMOSTAT/SENSOR
	TEMPERATURE SENSOR
	AIRFLOW MEASUREMENT SYMBOL
	XX - ARI SYMBOL
	Y - SEQUENTIAL NUMBER

### MECHANICAL ABBREVIATION KEY

ABBR:	DESCRIPTION:
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
C	COMMON
CO	CLEANOUT
CFSD	CONTROL/FIRE/SMOKE DAMPER
DPG (0-2')	DIFFERENTIAL PRESSURE GAUGE (RANGE)
DPS	DIFFERENTIAL PRESSURE SWITCH
EA	EXHAUST/RELIEF AIR
ECFSD	EXISTING CONTROL FIRE SMOKE DAMPER
EFD	EXISTING FIRE DAMPER
EFS	EXISTING FIRE SMOKE DAMPER
EP	ELECTRICAL TO PNEUMATIC VALVE
ESD	EXISTING SMOKE DAMPER
FD	FIRE DAMPER
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FSD	FIRE/SMOKE DAMPER
MA	MIXED AIR
MV	MIXING VALVE
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
OA	OUTSIDE AIR
PS	PRESSURE SWITCH
RA	RETURN AIR
SA	SUPPLY AIR
SCCR	SHORT CIRCUIT CURRENT RATING
SD	SMOKE DAMPER
TAB	TERMINAL AIR BOX
TD	TRANSFER DUCT
TYP	TYPICAL
UC-1	DOOR UNDERCUT BY OTHERS (1" TYPICAL)
UON	UNLESS OTHERWISE NOTES

- ### MECHANICAL RENOVATION NOTES:
- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, VENTILATION, AND TEMPERATURE CONTROL.
- EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
  - NOT ALL EXISTING DUCTWORK AND PIPING IS SHOWN. VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. NOTIFY ENGINEERS OF ANY CONFLICTS WITH NEW WORK.
  - FIELD VERIFY THE AVAILABLE CLEARANCES FOR DUCTWORK AND PIPING BEFORE FABRICATION. RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
  - EACH CONTRACTOR SHALL FIELD VERIFY ACCESSIBILITY TO THE AREA OF THEIR WORK AND SHALL NOTIFY THE GENERAL CONTRACTOR PRIOR TO BIDDING IF OTHER UTILITIES ARE REQUIRED TO BE REMOVED OR RELOCATED TO ALLOW ACCESS TO THEIR AREA OF WORK.
  - EACH CONTRACTOR SHALL CUT AND PATCH ROOFS, WALLS, AND FLOORS ASSOCIATED WITH THEIR WORK.
  - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILING, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS. NOTIFY THE GENERAL CONTRACTOR OF AFFECTED AREAS PRIOR TO BIDDING.
  - WHERE EXISTING MECHANICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, PIPING, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING MECHANICAL SYSTEMS TO ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK.
  - PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS THAT REMAIN ACTIVE.
  - OBTAIN PERMISSION FROM OWNER BEFORE SHUTTING DOWN ANY SYSTEM FOR ANY REASON. MAINTAIN SERVICE TO ALL COMPONENTS THAT ARE TO REMAIN UNTIL NEW SYSTEMS ARE INSTALLED.
  - DISCONNECT AND REMOVE MECHANICAL DEVICES AND EQUIPMENT SERVING EQUIPMENT THAT HAS BEEN REMOVED.

- ### TAB POST-CONSTRUCTION NOTES:
- AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE, TESTING, ADJUSTING (TAB) AND BALANCING CONTRACTOR SHALL REBALANCE AIR HANDLING UNITS AND EXHAUST FANS AS REQUIRED TO ACHIEVE THE NEW AIRFLOW VALUES SHOWN ON THE CONSTRUCTION DRAWINGS.
  - AREAS SERVED BY THIS EQUIPMENT WHICH WERE NOT RENOVATED SHALL BE RE-BALANCED TO THE AIRFLOW RATES MEASURED BEFORE THE RENOVATION OCCURRED (REFER TO THE FINAL PRE-DEMOLITION REPORT).
  - IF DUCT TRAVERSE LOCATION AS MARKED ON THE DRAWINGS IS INACCESSIBLE FOR MEASUREMENT, THE TAB CONTRACTOR SHALL PERFORM THE TRAVERSE AT AN ALTERNATE LOCATION OR SHALL TAKE MULTIPLE DUCT TRAVERSES AND/OR GRILLE READINGS AS REQUIRED TO DETERMINE THE FLOW RATE. IN THE EVENT TRAVERSES ARE TAKEN AT AN ALTERNATE LOCATION(S), TAB CONTRACTOR SHALL INCLUDE A DRAWING THAT SHOWS THE LOCATIONS WHERE THE ACTUAL MEASUREMENTS WERE TAKEN.
  - A DUCT STATIC PRESSURE READING SHALL BE TAKEN AT EACH LOCATION WHERE A DUCT TRAVERSE READING IS TAKEN AND SHALL BE INCLUDED IN THE FINAL POST-CONSTRUCTION TAB REPORT.
  - TAB CONTRACTOR SHALL COMPARE AND SUBMIT COPIES OF THE FINAL POST-CONSTRUCTION TAB REPORT AS REQUIRED BY SECTION 23 05 93.
  - THE FINAL POST CONSTRUCTION REPORT SHALL INCLUDE ALL ITEMS REQUIRED IN THE SPECIFICATIONS.

- ### VENTILATION GENERAL NOTES:
- UNLESS NOTED OTHERWISE, THE SIZE OF EACH BRANCH DUCT TO A TERMINAL AIR BOX (TAB) SHALL MATCH THE INLET SIZE UNLESS THE BRANCH IS GREATER THAN 6 FEET IN LENGTH, IN WHICH CASE THE BRANCH DUCT SHALL BE SIZED AT A PRESSURE DROP OF 0.07" W.C. PER 100' OF DUCTWORK.
  - UNLESS NOTED OTHERWISE, THE SIZE OF EACH BRANCH DUCT TO AN AIR TERMINAL SHALL MATCH THE INLET SIZE.
  - ALIGN TEMPERATURE SENSORS WITH LIGHT SWITCHES AND WHEN IN CLOSE PROXIMITY TO EACH OTHER.
  - PROVIDE ACCESS DOORS AT ALL DUCT MOUNTED EQUIPMENT.
  - EXISTING AIR INLET AND OUTLET CFM SHOWN ON DRAWINGS ARE FROM EXISTING DRAWINGS, AND ARE FOR REFERENCE ONLY. CONTRACTOR SHALL USE PRE-BALANCE VALUES, AND NOT EXISTING CFM SHOWN ON DRAWINGS.
  - CONTRACTOR MAY REUSE PORTIONS OF EXISTING DUCT PROVIDED SIZES AND PRESSURE CLASSES ARE CORRECT, DUCT IS THOROUGHLY CLEANED AND FREE OF DEFECTS, AND ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL PENETRATIONS ARE SEALED AS SPECIFIED FOR NEW DUCTWORK.

- ### MECHANICAL GENERAL NOTES:
- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, VENTILATION, AND TEMPERATURE CONTROL.
- DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF DUCTWORK, PIPING, EQUIPMENT, ETC., AND MAY NOT INCLUDE ALL OFFSETS AND FITTINGS REQUIRED FOR COMPLETE INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF OTHERS WILL PERMIT.
  - DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SUBMITTALS, AND OTHER APPROPRIATE DRAWINGS OR PHYSICALLY AT SITE. REVIEW ALL DRAWINGS, INCLUDING THOSE OF OTHER TRADES.
  - COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, CODE COMPLIANCE, AND TO VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF NECESSARY CLEARANCES FOR ALL TRADES. BRING ANY INTERFERENCES OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH FABRICATION OR EQUIPMENT ORDERS.
  - REVIEW SPACE REQUIREMENTS OF EQUIPMENT SPECIFIED OR SUBSTITUTED AND MAKE REASONABLE ACCOMMODATIONS IN LAYOUT AND POSITIONING TO PROVIDE PROPER ACCESS.
  - ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO COORDINATE SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COST OR EXPENSE TO OTHERS.
  - EACH CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ELECTRICAL CHANGES REQUIRED FOR EQUIPMENT PROPOSING THAT DIFFERS FROM THE BASIS OF DESIGN.
  - REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIO/VISUAL, AND OTHER MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
  - EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO WALLS, FLOORS, CEILING, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
  - IN AREAS WITH DRYWALL CEILING COORDINATE LOCATIONS OF ACCESS PANELS WITH THE GC FOR ACCESS TO VALVES, DUCTWORK ACCESSORIES, DAMPERS, ETC. COORDINATE PANEL TYPE AND COORDINATE WITH ARCHITECT. NOTIFY THE GC OF THE REQUIRED ACCESS PANELS PRIOR TO BIDDING.
  - SEAL ALL FLOOR, WALL, AND ROOF PENETRATIONS AIRTIGHT WHERE CONDUITS, PIPING, AND DUCTS PENETRATE. PENETRATIONS THROUGH EXTERIOR WALLS AND ROOF SHALL BE SEALED AIRTIGHT WITH WATERPROOFING MATERIALS RECOMMENDED BY MANUFACTURER FOR OUTDOOR USE.
  - CALL ALL PIPE AND DUCT PENETRATIONS OF FULL HEIGHT NON-FIRE RATED WALL, PARTITION, FLOOR, AND ROOF ASSEMBLIES. THIS IS ESSENTIAL TO PREVENT NOISE TRANSMISSION FROM ONE ROOM TO ANOTHER AND TO PROVIDE THE DESIRED NC LEVELS WITHIN ROOMS.
  - WHERE PIPES AND DUCTS ARE SHOWN TO PENETRATE FLOORS, PROVIDE SLEEVED OPENINGS WITH THE TOP EDGE RAISED ABOVE FLOOR SURFACE IN ACCORDANCE WITH ALL RELEVANT SPEC SECTIONS. SEAL SLEEVE PERIMETER TO BE WATERTIGHT.
  - EQUIPMENT SIZES AND SERVICE CLEARANCE REQUIREMENTS VARY AMONG DIFFERENT MANUFACTURERS. CONSULT APPROVED SHOP DRAWINGS FOR EQUIPMENT SIZES AND REQUIRED SERVICE CLEARANCES. COORDINATE WITH LAYOUT OF EQUIPMENT PADS, PIPING, DUCTWORK, ETC.
  - DO NOT BLOCK TUBE PULL OR EQUIPMENT SERVICE CLEARANCES.
  - MAINTAIN A MINIMUM WORKING CLEARANCE OF 3'-0" IN FRONT OF ALL ELECTRICAL EQUIPMENT REQUIRING MAINTENANCE, INSPECTION, AND TESTING INCLUDING BUT NOT LIMITED TO PANELS, DISTRIBUTION PANELS, SWITCHBOARDS, MOTOR CONTROL CENTERS, TRANSFORMERS, EQUIPMENT DISCONNECTS AND STARTERS.
  - MAINTAIN THE DEDICATED ELECTRICAL EQUIPMENT SPACE DEFINED BY THE WIDTH / DEPTH OF ELECTRICAL EQUIPMENT MEASURED FROM THE FLOOR TO A HEIGHT 6'-0" ABOVE THE EQUIPMENT OR THE STRUCTURAL CEILING, WHICHEVER IS LOWER. SYSTEMS FOREIGN TO THE ELECTRICAL DISTRIBUTION SYSTEM ARE NOT ALLOWED IN THE DEDICATED ELECTRICAL SPACE INCLUDING DUCTWORK, PIPING, ETC.
  - PROVIDE CONCRETE EQUIPMENT PAD FOR ALL FLOOR MOUNTED EQUIPMENT. PAD SHALL EXTEND MINIMUM 6" BEYOND ALL SIDES OF EQUIPMENT.
  - DO NOT SUPPORT EQUIPMENT, PIPING, OR DUCTWORK FROM METAL DECKING OR OTHER NON-STRUCTURAL BUILDING ELEMENTS. ANCHORS EMBEDDED IN CONCRETE SHALL BE CRACKED CONCRETE APPROVED IN ACCORDANCE WITH SPECIFICATIONS.

### MECHANICAL DESIGN CONDITIONS:

<b>DESIGN CONDITIONS:</b>	<b>BASED ON WEATHER DATA FOR: STURGIS, SD</b>
<b>SUMMER:</b>	96.6°F DRY BULB, 66.1°F WET BULB
<b>WINTER:</b>	-8.4°F DRY BULB
<b>TYPICAL ROOM SETPOINTS:</b>	
<b>SUMMER DESIGN:</b>	75°F DRY BULB, NO HUMIDITY REQUIREMENT
<b>WINTER DESIGN:</b>	70°F DRY BULB, NO HUMIDITY REQUIREMENT
<b>SUMMER SETBACK:</b>	81°F DRY BULB, NO HUMIDITY REQUIREMENT
<b>WINTER SETBACK:</b>	64°F DRY BULB, NO HUMIDITY REQUIREMENT

REFER TO CONTROL DIAGRAMS FOR ROOM SPECIFICS.

### MECHANICAL SHEET INDEX

NO.	DESCRIPTION
M000	MECHANICAL COVERSHEET
M101	FIRST FLOOR DEMOLITION - MECHANICAL - ADMINISTRATION & MAINTENANCE
M201	FIRST FLOOR - MECHANICAL - ADMINISTRATION & MAINTENANCE
M400	MECHANICAL DETAILS
M600	MECHANICAL SCHEDULES
GRAND TOTAL: 5	

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Revisions:	Date:

### CONSULTANT

**MECHANICAL, ELECTRICAL, TECHNOLOGY & STRUCTURAL**

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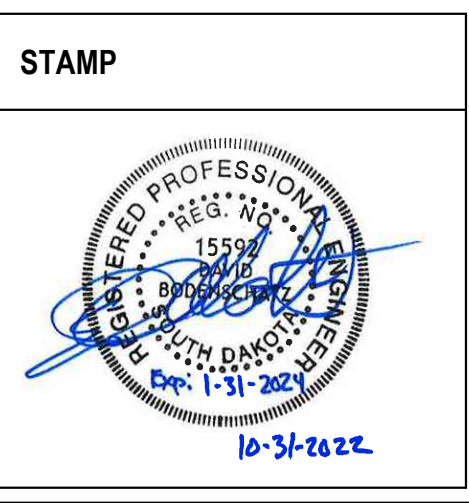
**GEOTECHNICAL:**  
**AET**  
1745 SAMCO RD  
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(605) 223-4397

**COST ESTIMATING:**  
**CPMI**  
3265 NORTHWOOD CIR STE 170  
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### ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

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Anderson Engineering of Minnesota, LLC | Proj # 16409



Office of Construction and Facilities Management

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**MECHANICAL COVERSHEET**

Approved:

Phase  
**BID DOCUMENTS**

**NON-SPRINKLERED**

Project Title  
**BLACK HILLS NATIONAL CEMETERY RENOVATE AND EXPAND ADMINISTRATION AND MAINTENANCE BUILDINGS**

Location  
**STURGIS, SOUTH DAKOTA**

Issue Date  
**10/31/22**

Checked  
**IMEG**

Drawn  
**BRAGAR**

Project Number  
**884-CM-3015**

Building Number

Drawing Number  
**M000**

Dwg. 55 OF 84