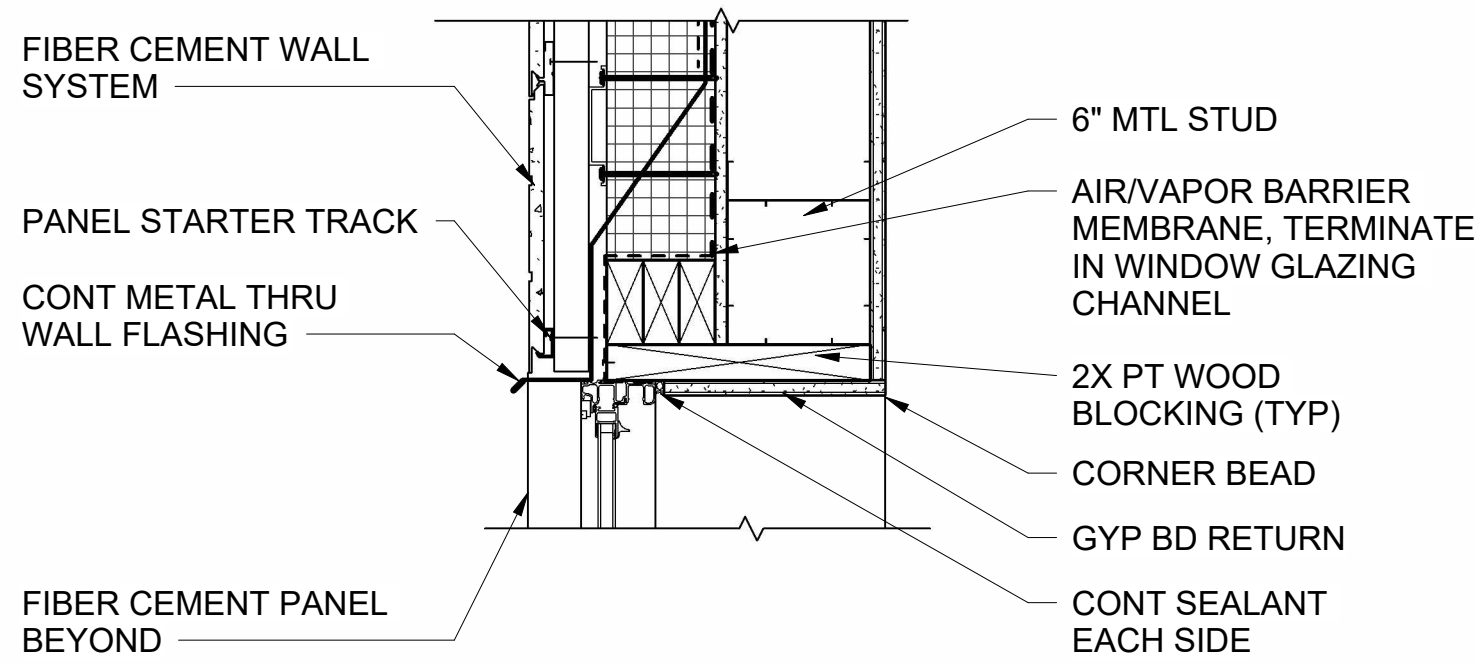
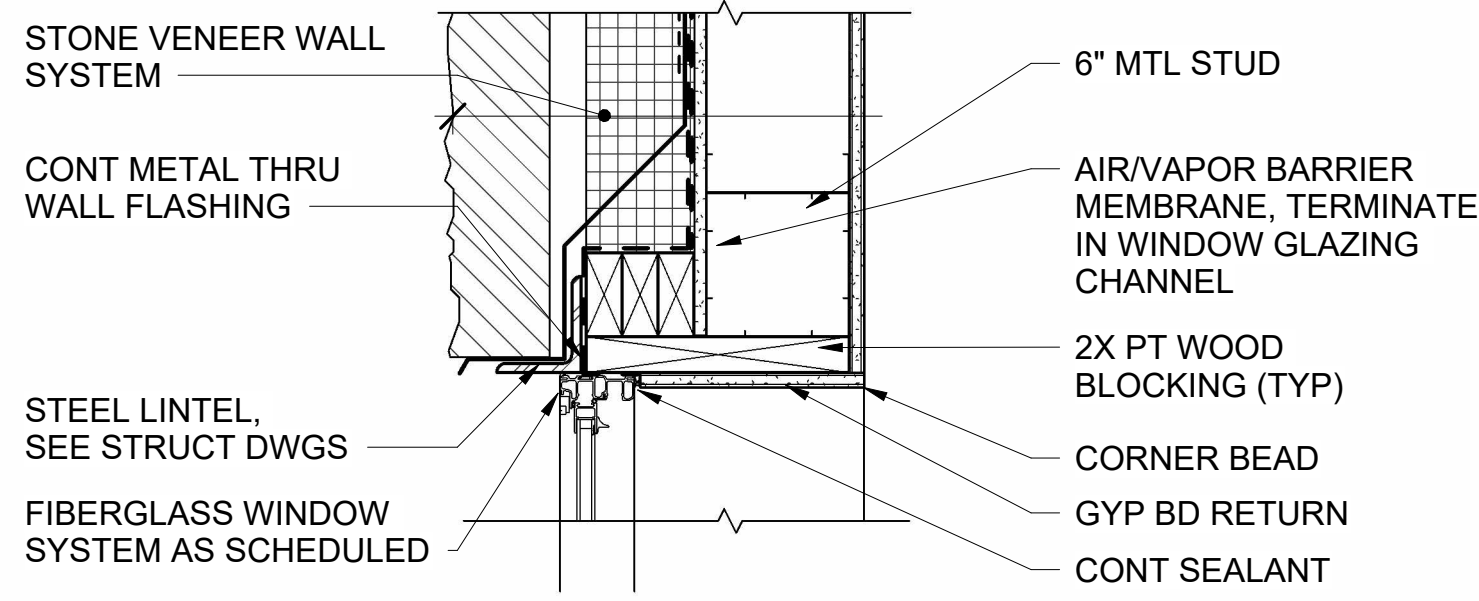




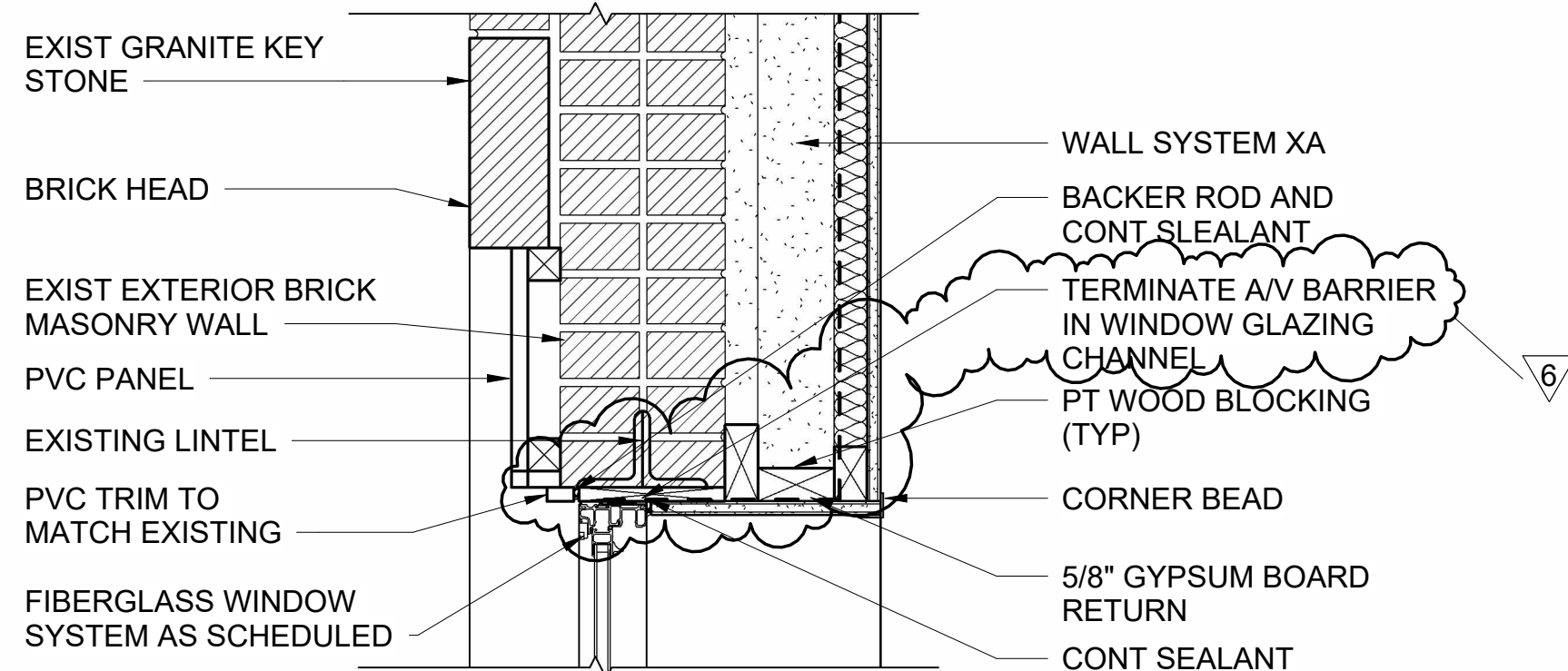
1
DH WITH TRANSOM WINDOW HEAD AT FIBER CEMENT BOARD SIDING (TYP)

AE620 AE622 SCALE: 1 1/2" = 1'-0"



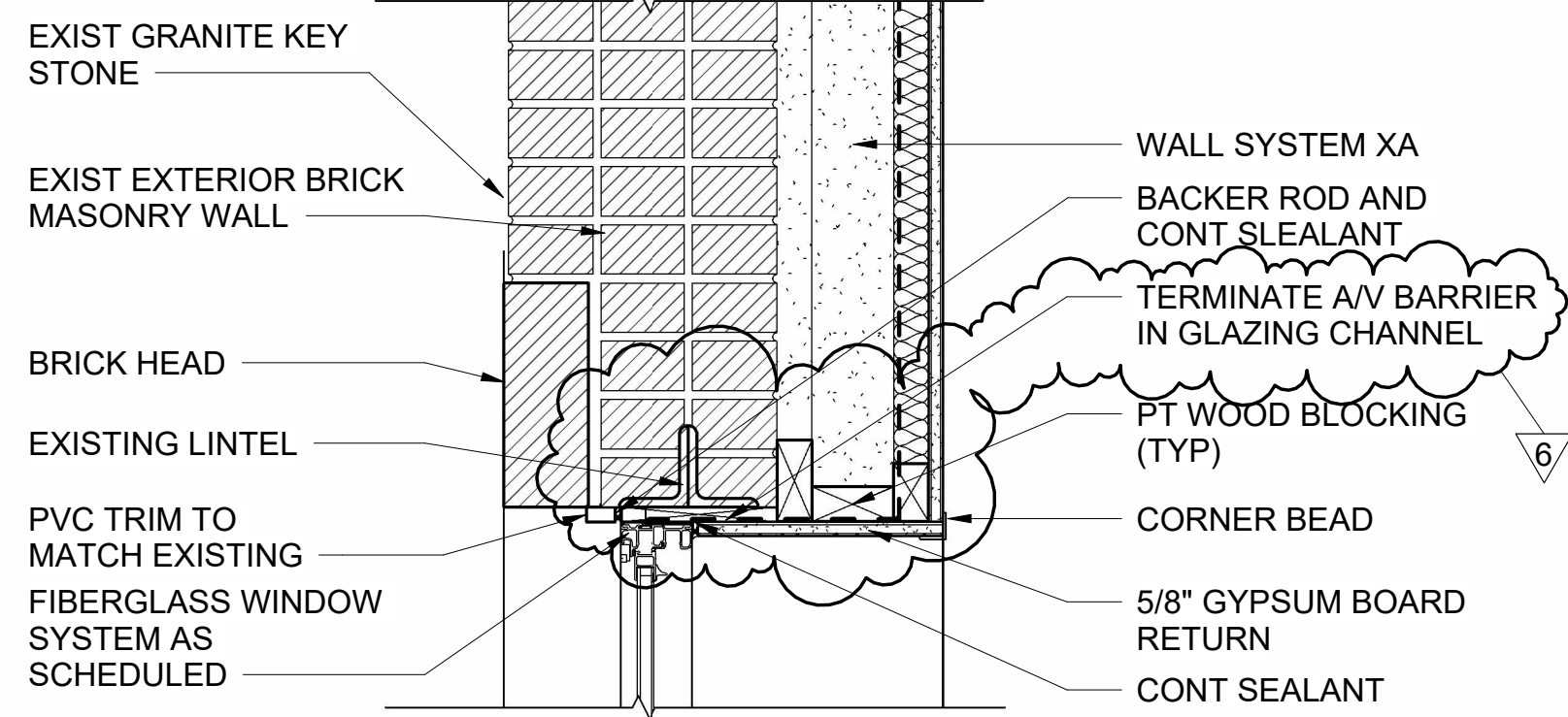
4
DH WITH TRANSOM WINDOW HEAD AT STONE VENEER SIDING (TYP)

AE620 AE622 SCALE: 1 1/2" = 1'-0"



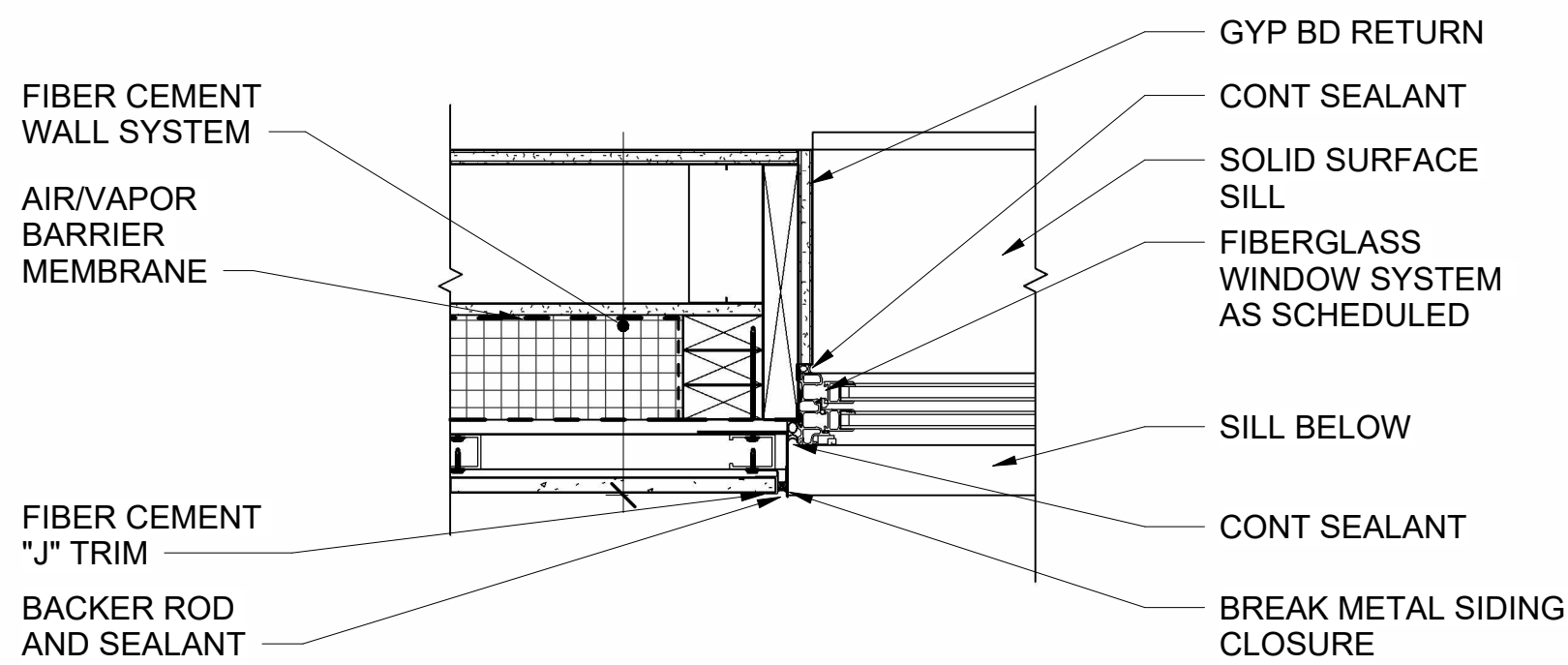
7
DH WINDOW HEAD AT BRICK MASONRY SIDING (TYP)

AE301, AE620 AE622 SCALE: 1 1/2" = 1'-0"



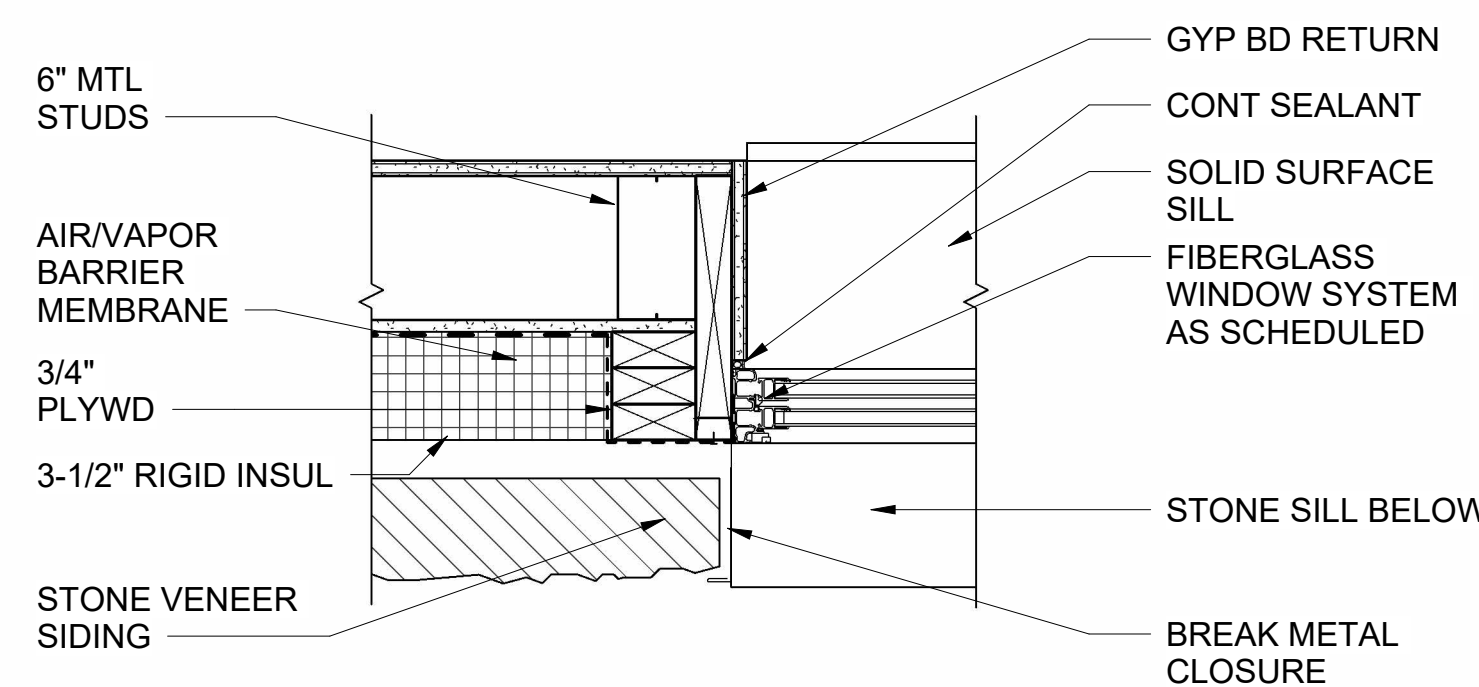
12
DH WINDOW HEAD AT BRICK MASONRY SIDING - TYPE F, G

AE620 AE622 SCALE: 1 1/2" = 1'-0"



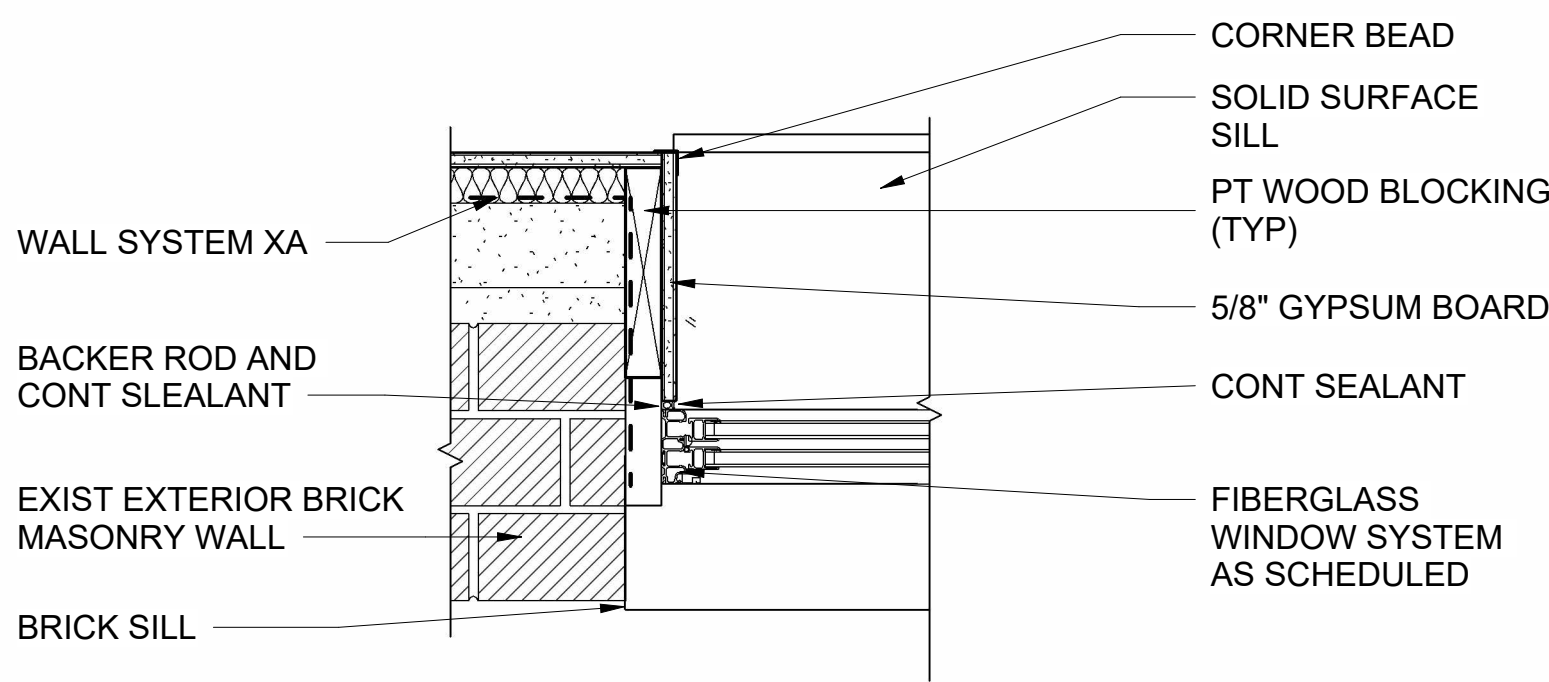
2
DH WITH TRANSOM WINDOW JAMB AT CEMENT BOARD SIDING (TYP)

AE620 AE622 SCALE: 1 1/2" = 1'-0"



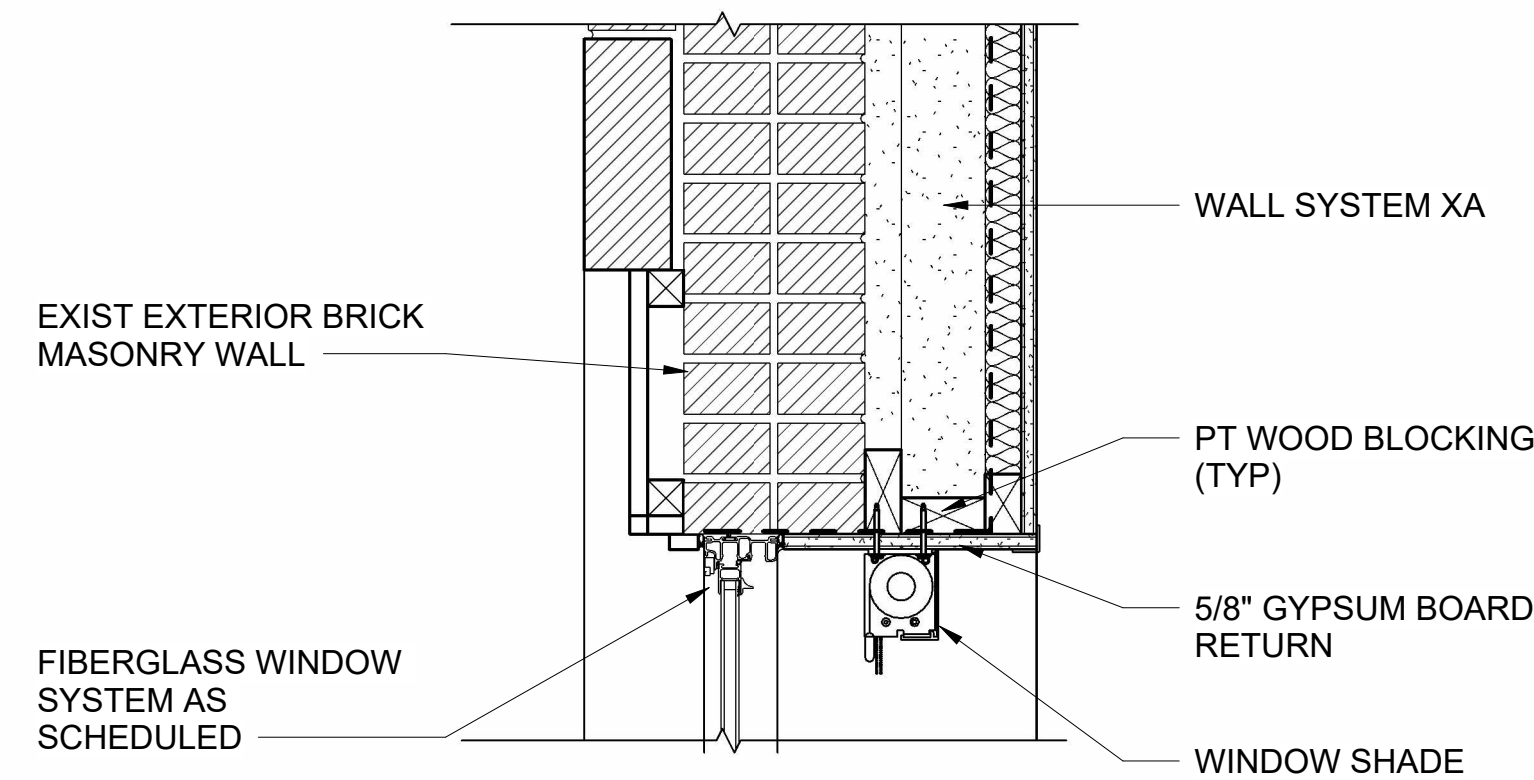
5
DH WITH TRANSOM WINDOW JAMB AT STONE VENEER SIDING (TYP)

AE620 AE622 SCALE: 1 1/2" = 1'-0"



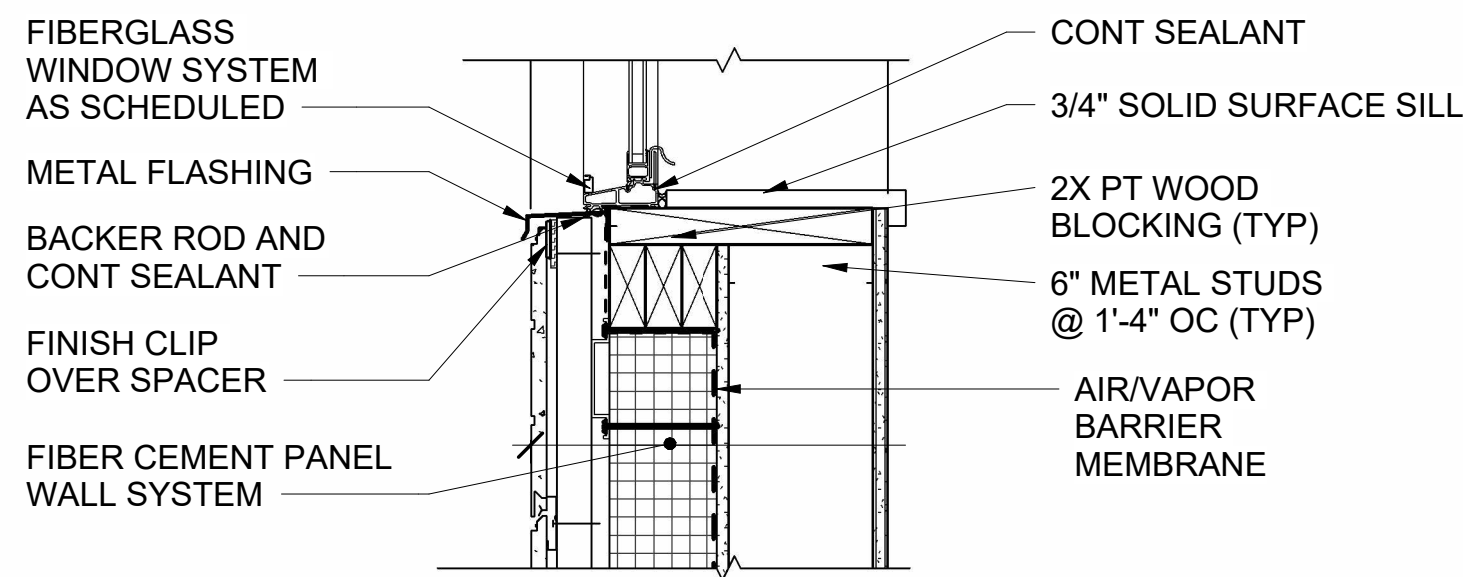
8
DH WINDOW JAMB AT BRICK MASONRY SIDING (TYP)

AE620 AE622 SCALE: 1 1/2" = 1'-0"



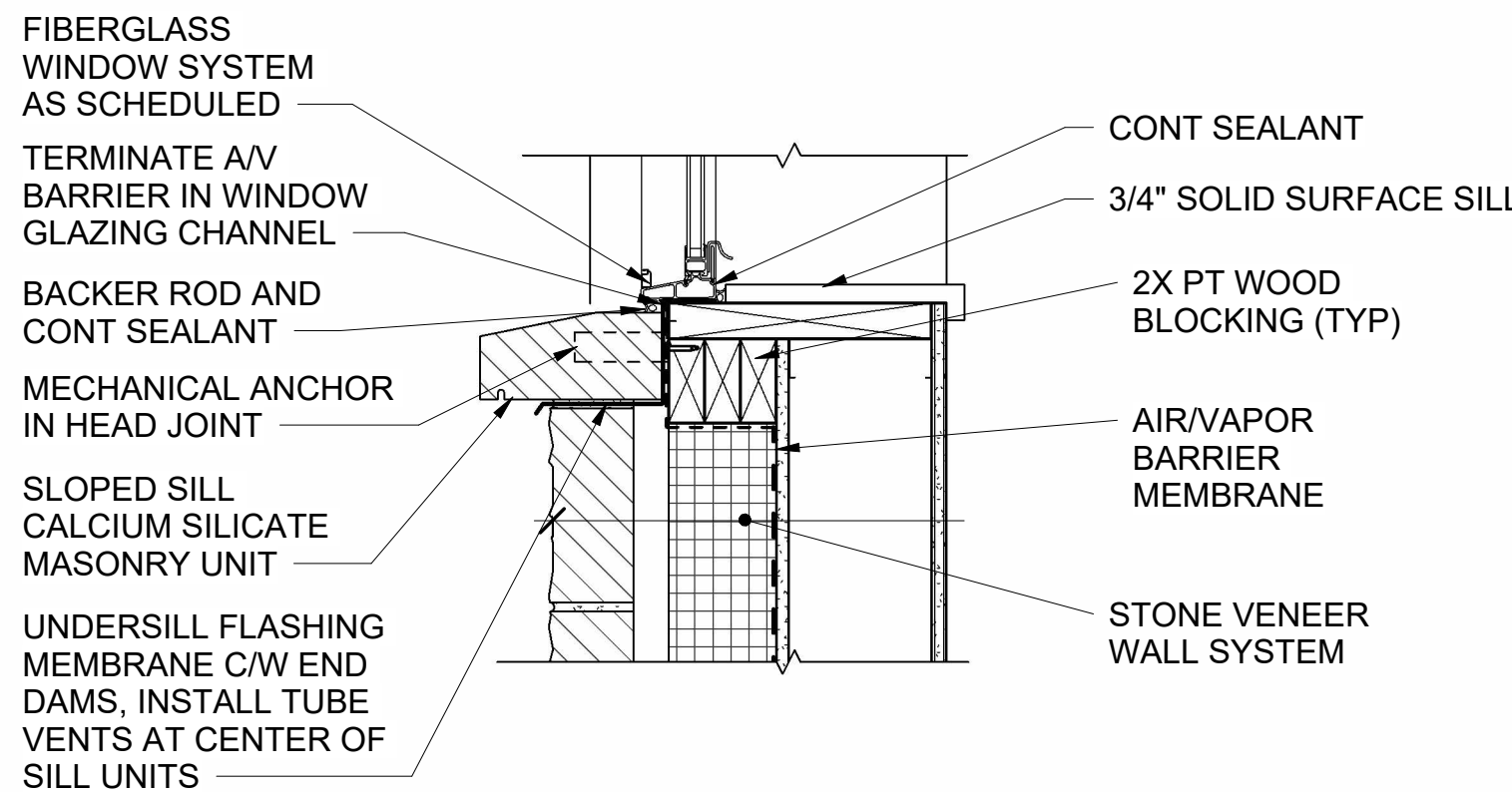
13
DH WINDOW HEAD MANUAL WINDOW SHADE DETAIL

AE620 AE622 SCALE: 1 1/2" = 1'-0"



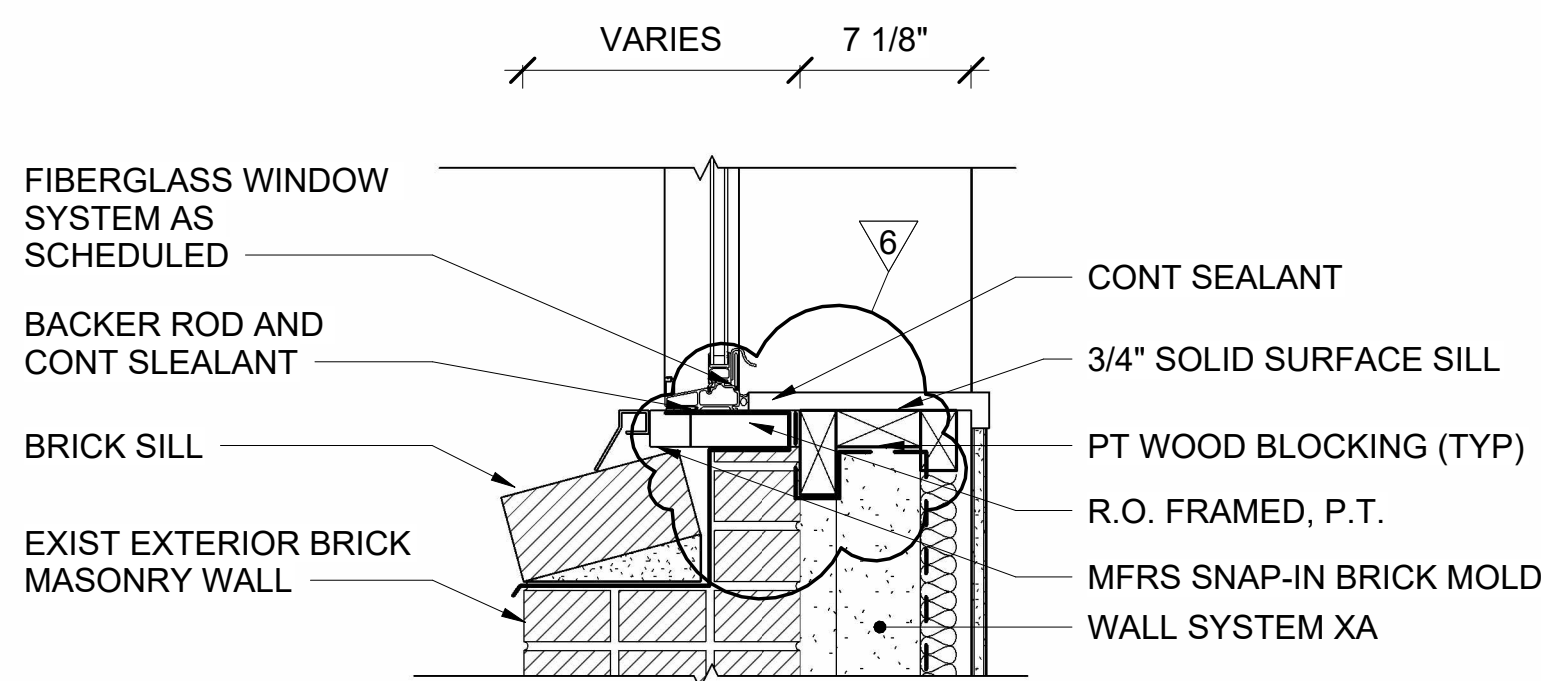
3
DH WITH TRANSOM WINDOW SILL AT CEMENT BOARD SIDING (TYP)

AE620 AE622 SCALE: 1 1/2" = 1'-0"



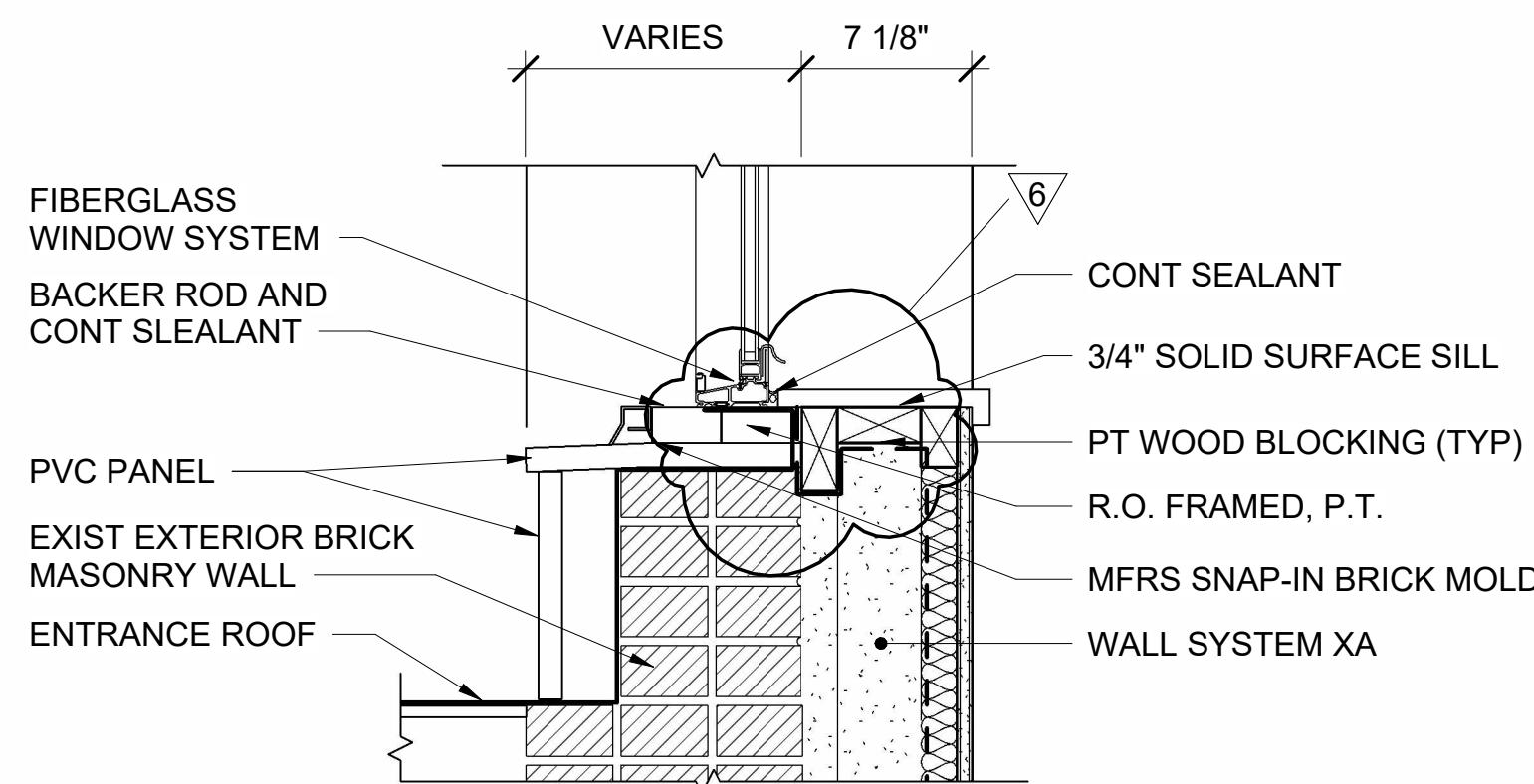
6
DH WITH TRANSOM WINDOW SILL AT STONE VENEER SIDING (TYP)

AE620 AE622 SCALE: 1 1/2" = 1'-0"



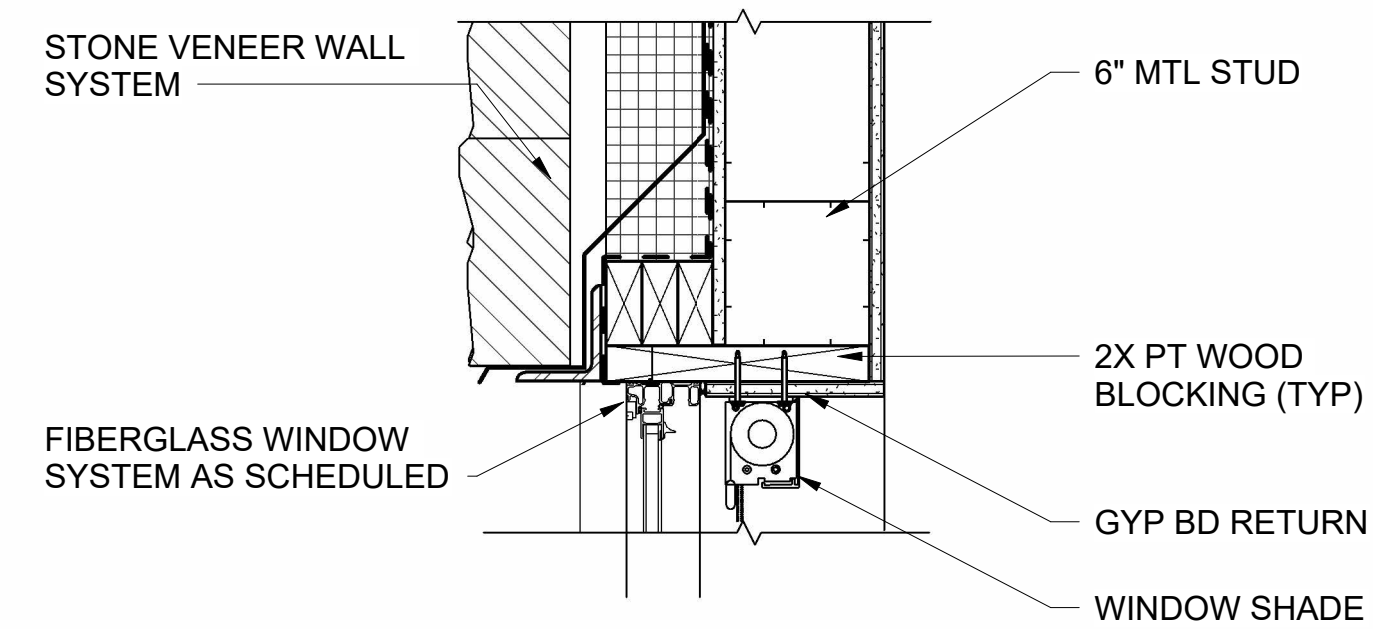
9
DH WINDOW SILL AT BRICK MASONRY SIDING (TYP)

AE301, AE620 AE622 SCALE: 1 1/2" = 1'-0"



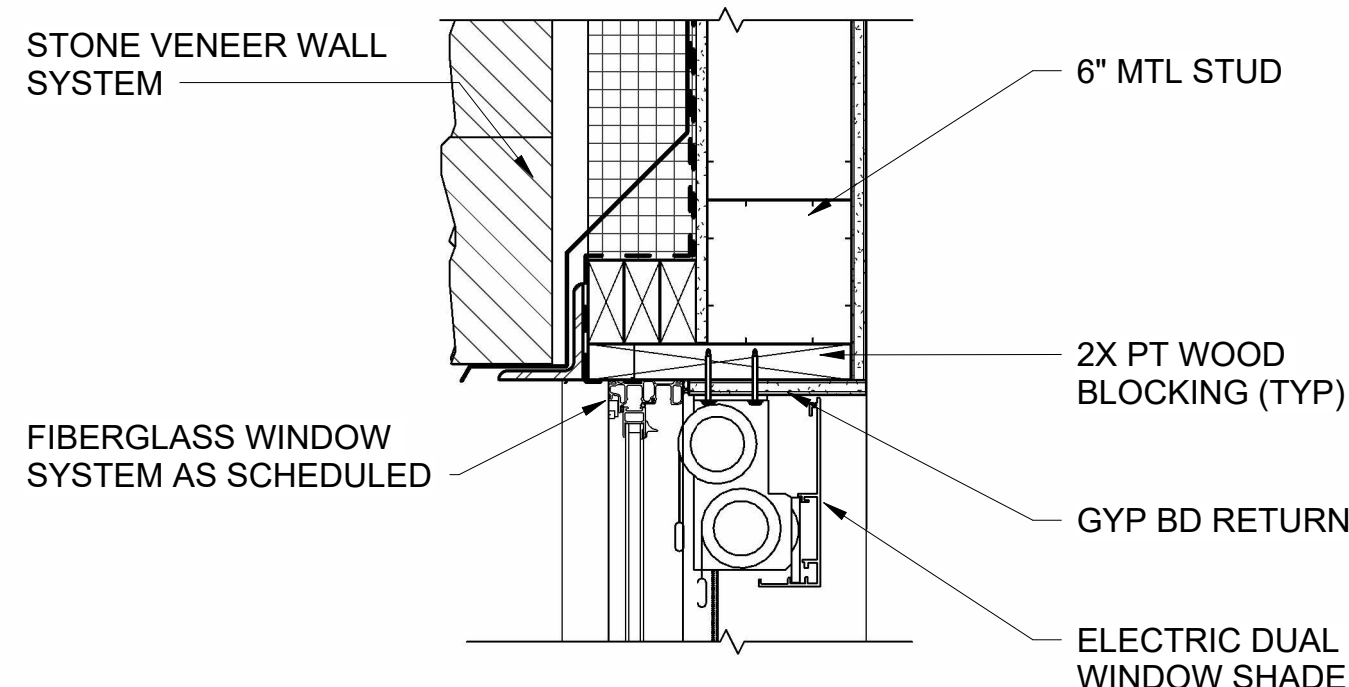
10
DH WINDOW SILL AT BRICK MASONRY SIDING, TYPE H

AE620 AE622 SCALE: 1 1/2" = 1'-0"



14
DH WITH TRANSOM WINDOW HEAD MANUAL WINDOW SHADE (TYP)

AE620 AE622 SCALE: 1 1/2" = 1'-0"



15
DH WITH TRANSOM WINDOW HEAD ELECTRIC WINDOW SHADE (TYP)

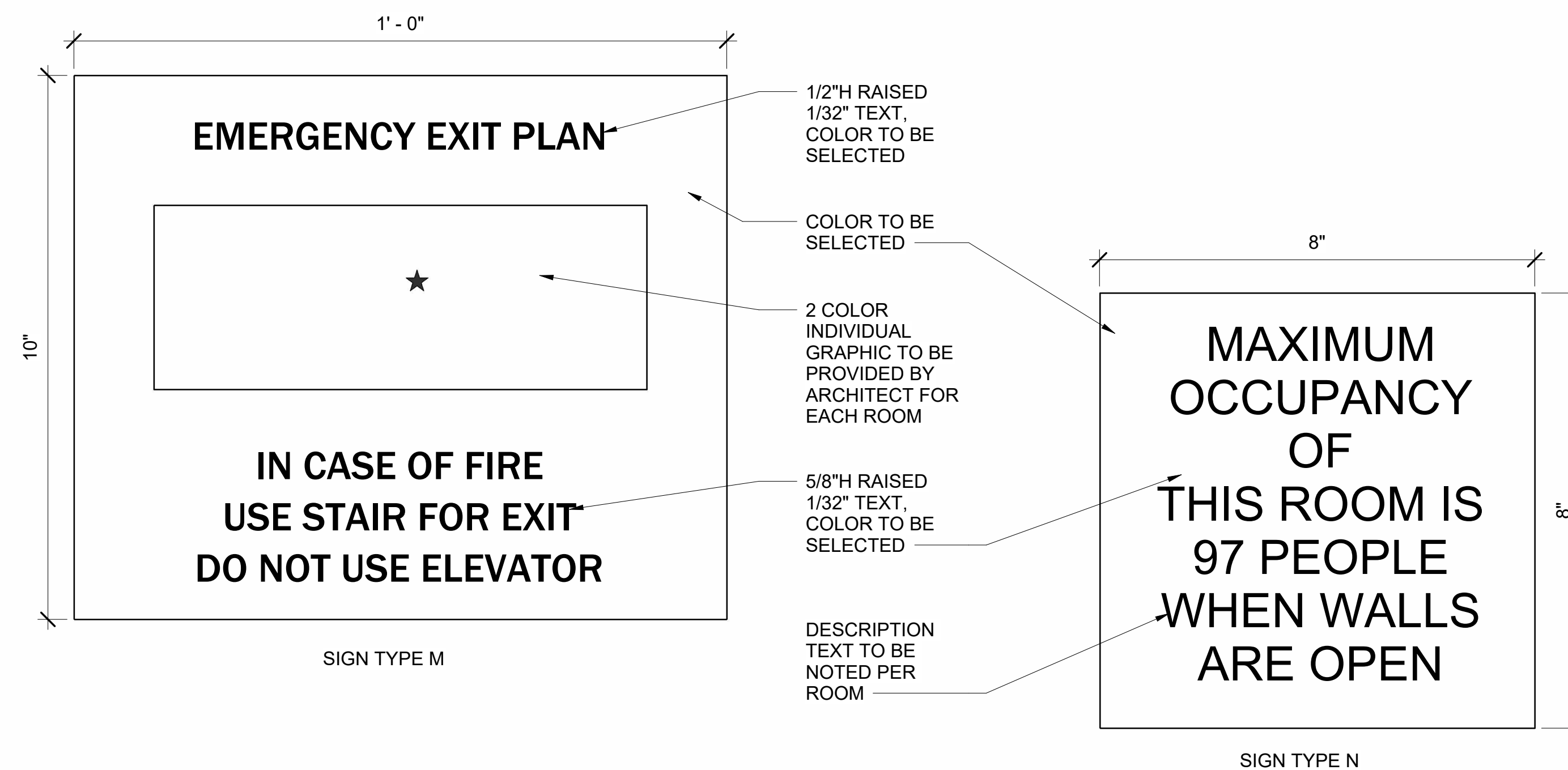
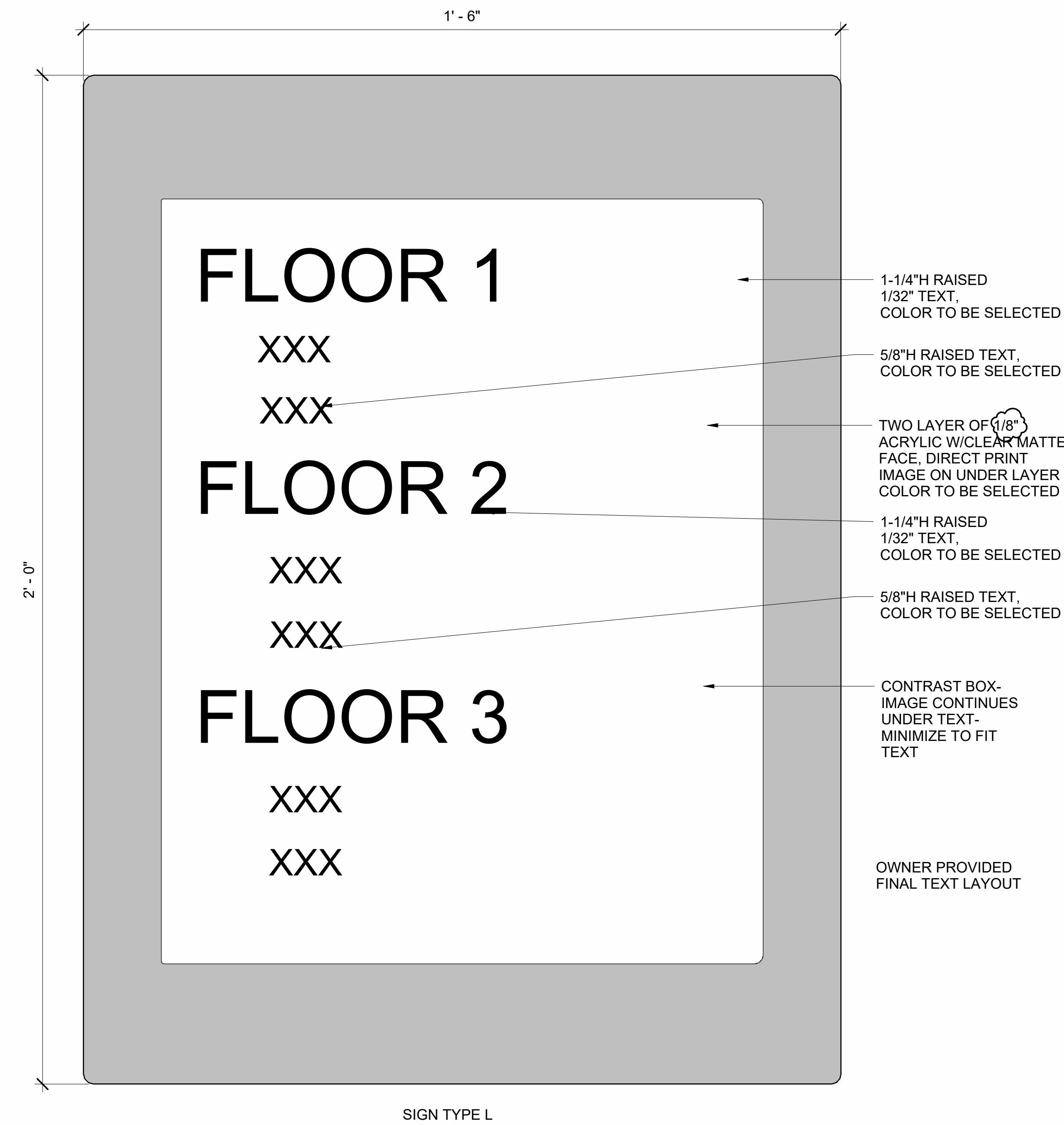
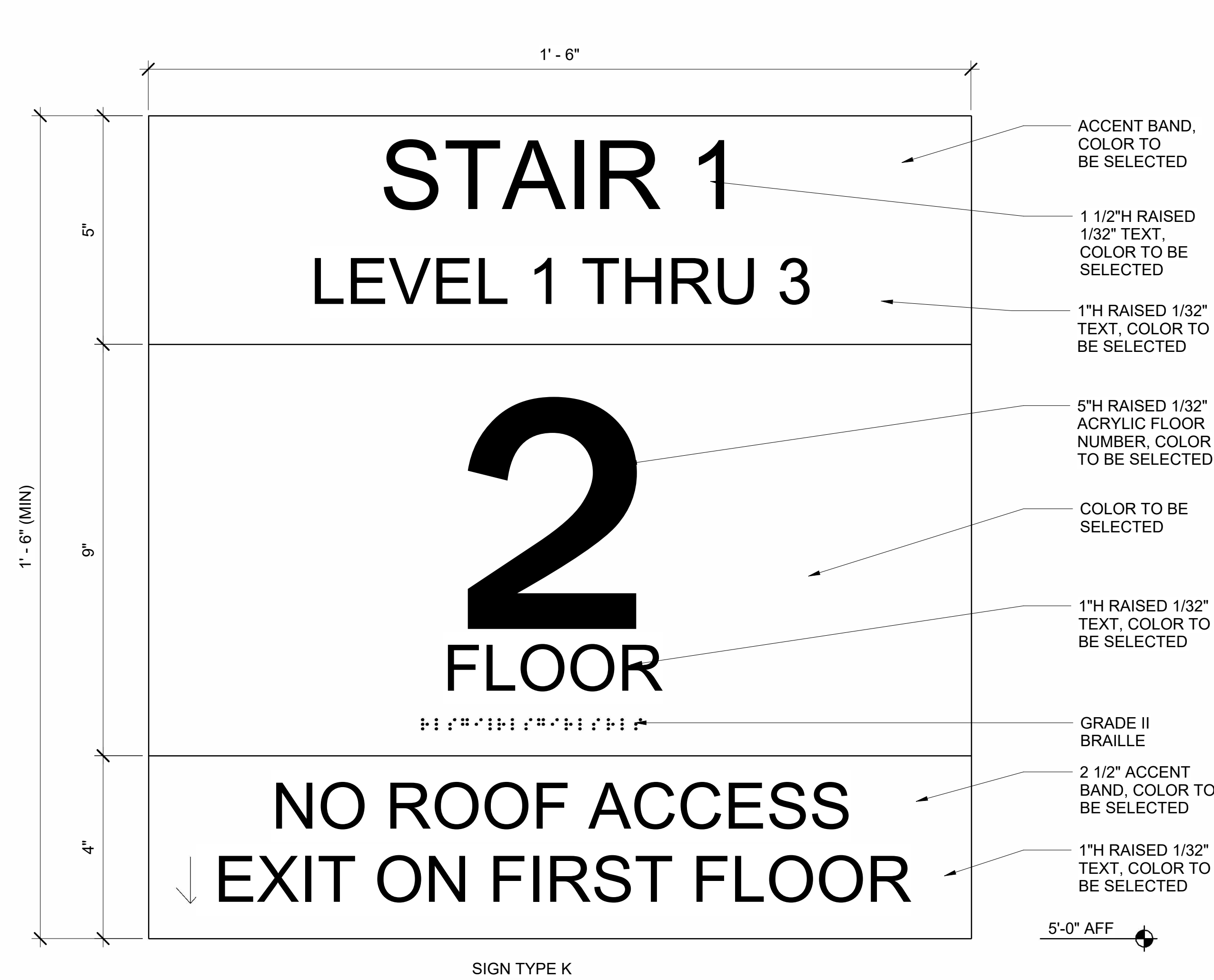
AE620 AE622 SCALE: 1 1/2" = 1'-0"



CHECK GRAPHIC SCALE BEFORE USING

						DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
				DRAWN BY: MJD		OAK POINT ASSOCIATES	
				CHECK BY: CET		AE622	
				DATE: 01/29/2025		148 OF 239	

6	03/13/2025	ADDENDUM NO.6	HMG				
3	02/27/2025	ADDENDUM NO.3	HMG				
NO.	DATE	DESCRIPTION	BY				
REVISIONS							



F

CAST CHARACTERS
FONT: HELVETICA
SIGN TYPE P (8")

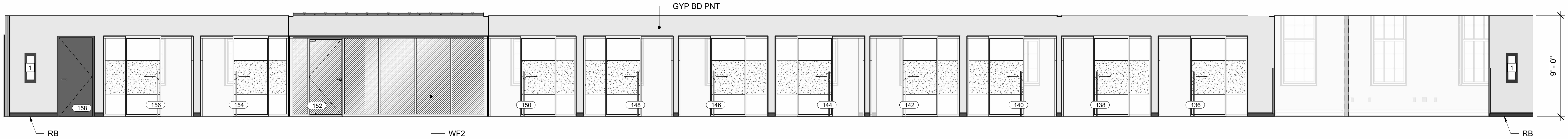
1 SIGNAGE DETAILS 2
AE661 SCALE: 6" = 1'-0"

SIGNAGE SCHEDULE NOTES:

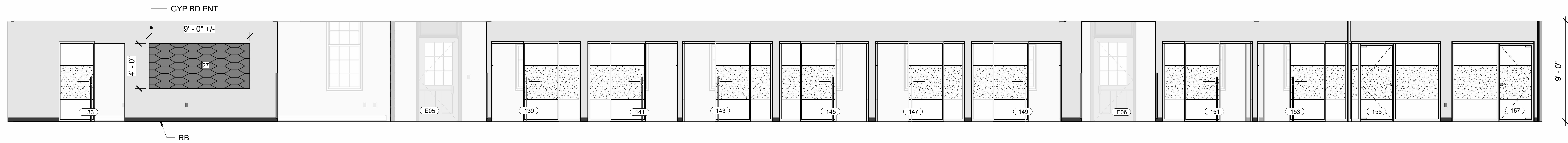
1. PROVIDE SIGN TYPES H AND J AT ELEVATORS.
2. VERIFY/COORDINATE ADDRESS NUMBERS WITH OWNER.
3. SEE SHEET AE402 FOR SIGN TYPE P
4. PROVIDE SIGN TYPE K AT STAIRS.

2 DIMENSIONAL CHARACTER TYPE
AE661 SCALE: 1/4" = 1'-0"

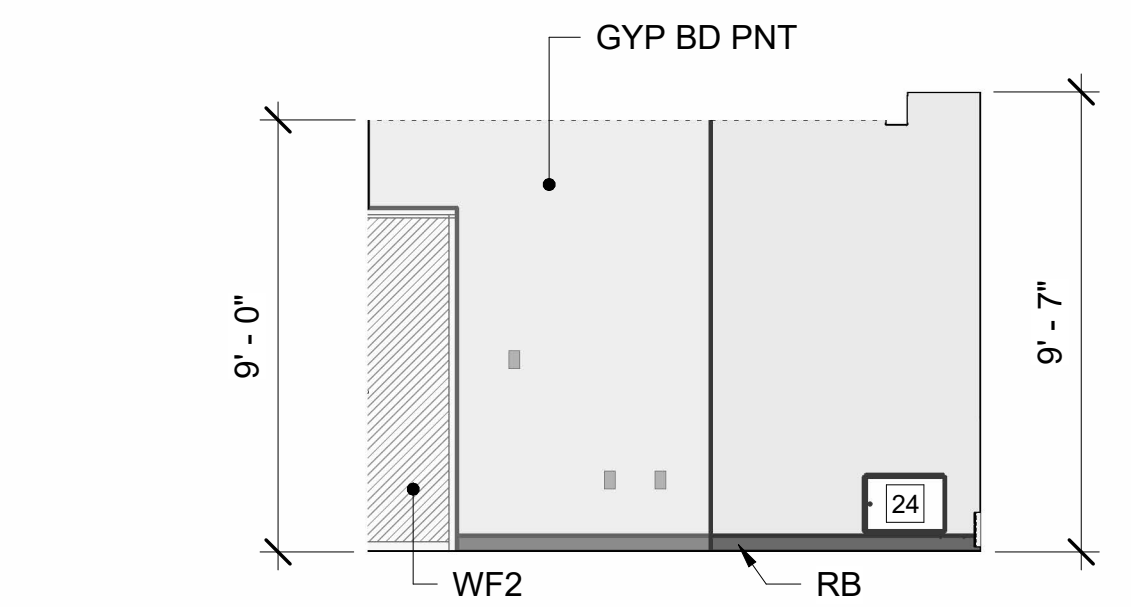
				LICENSED ARCHITECT TYLER 1-29-25 STATE OF MAINE		DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
				DRAWN BY: MJD		DRAWING NO.	
				CHECK BY: CET		AE661	
				DATE		SHEET NO.	
				01/29/2025		239	
				231 Main Street, Biddeford, Maine 04005		239	



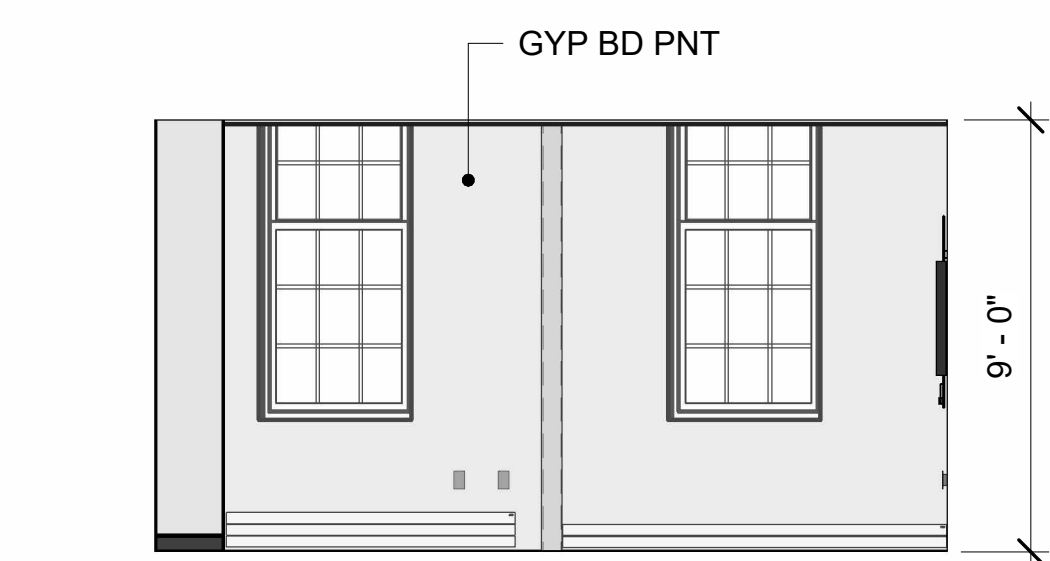
1 CORRIDOR 137 EAST ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



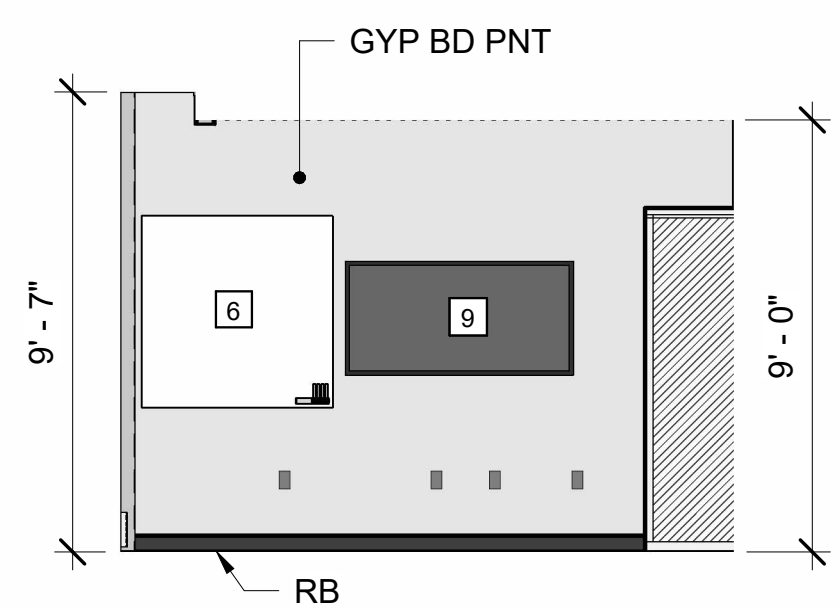
2 CORRIDOR 137 WEST ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



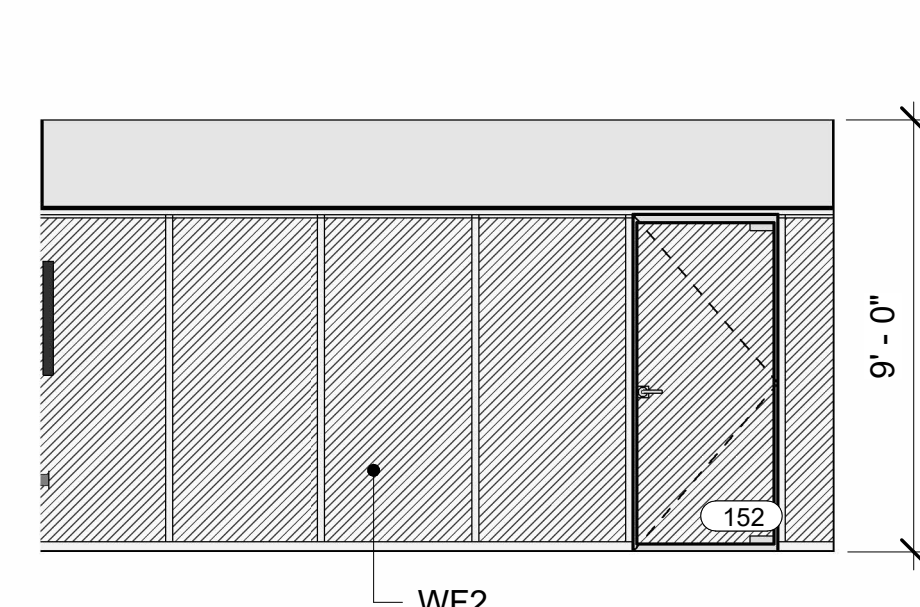
3 CONFERENCE ROOM 152 NORTH ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



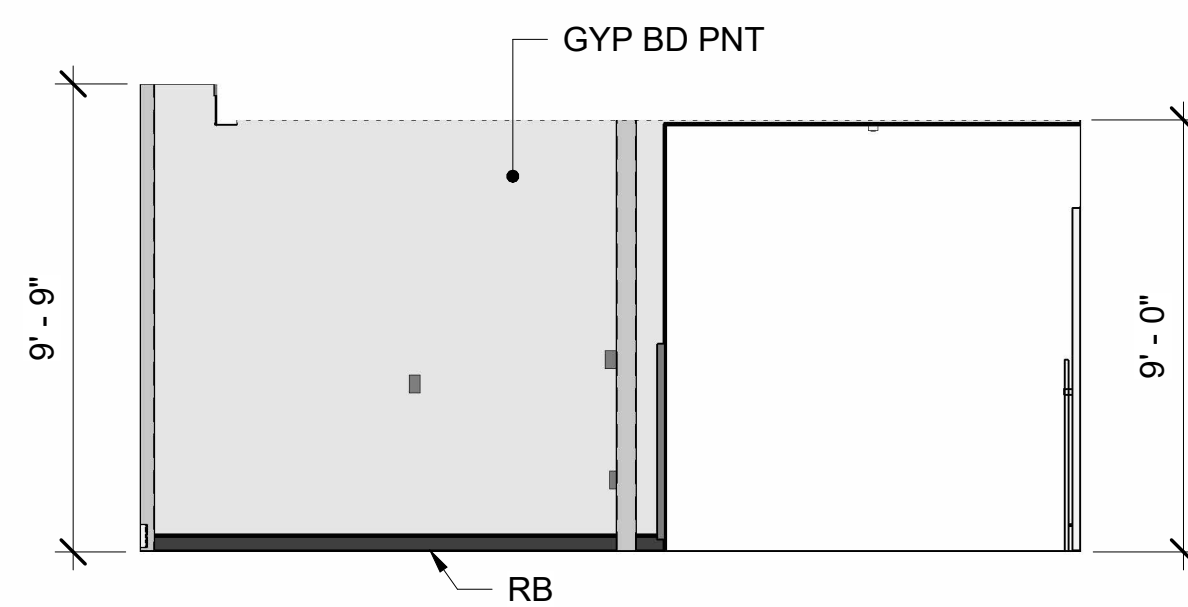
4 CONFERENCE ROOM 152 EAST ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



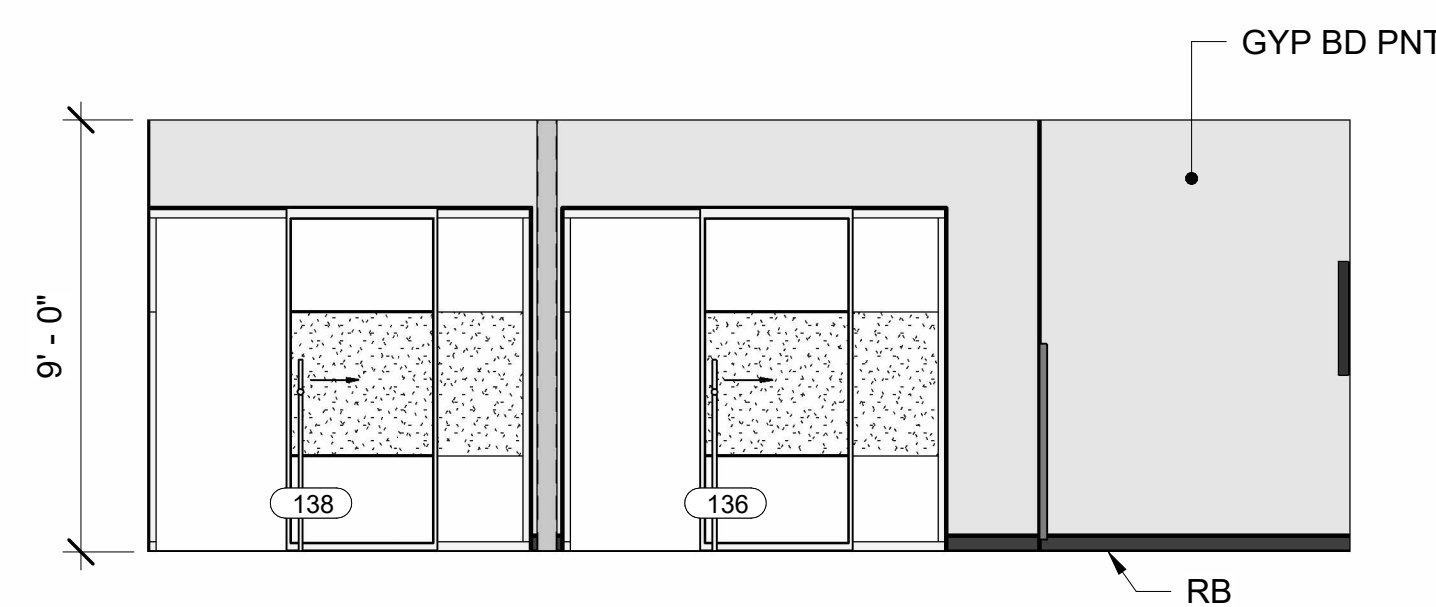
5 CONFERENCE ROOM 152 SOUTH ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



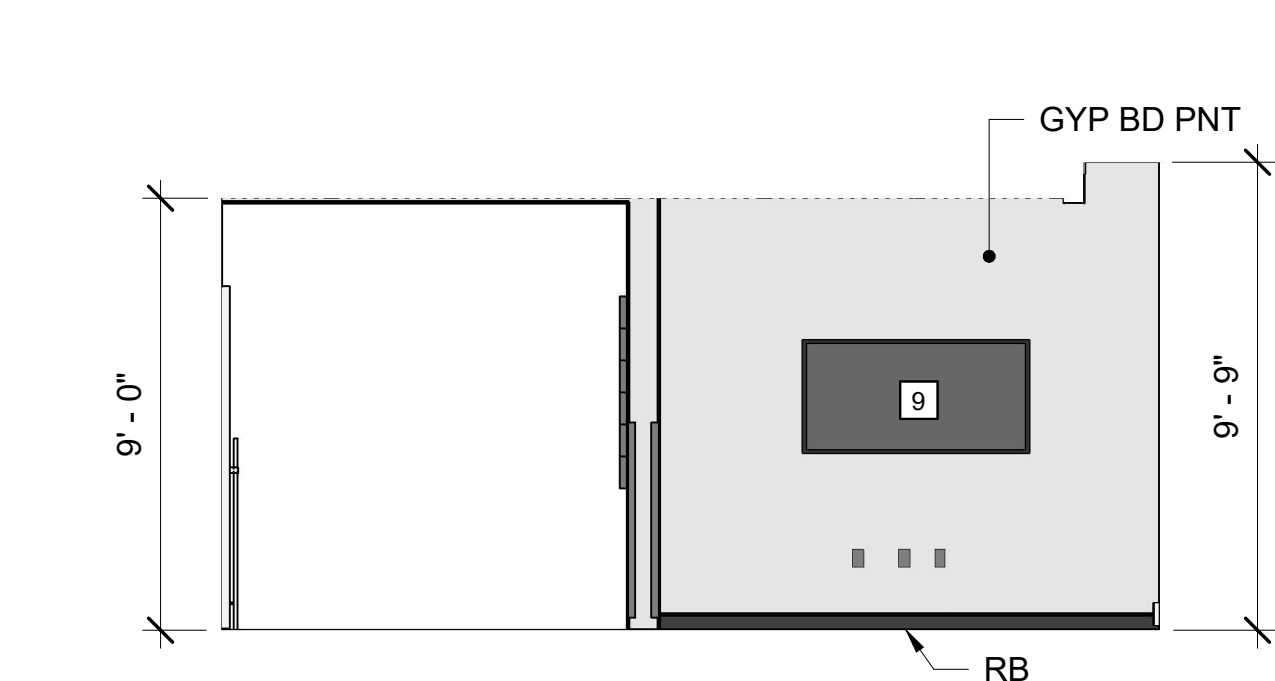
6 CONFERENCE ROOM 152 WEST ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



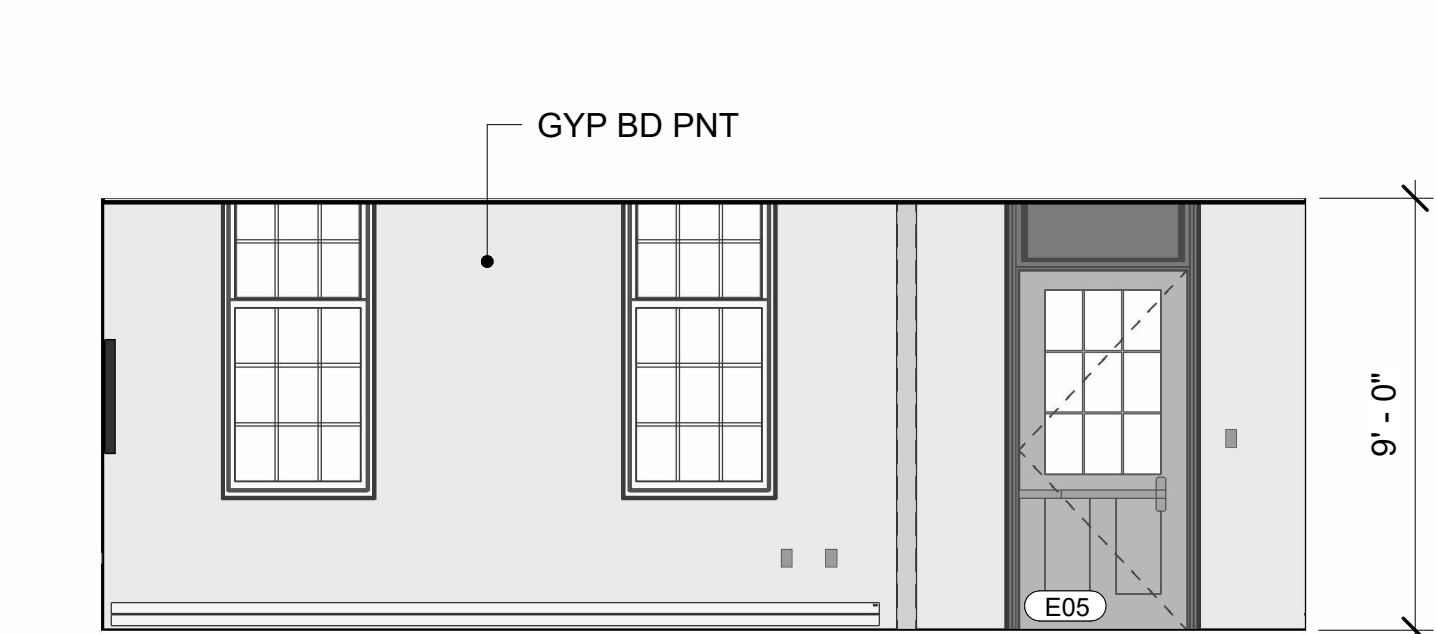
7 BREAK OUT ROOM 135 NORTH ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



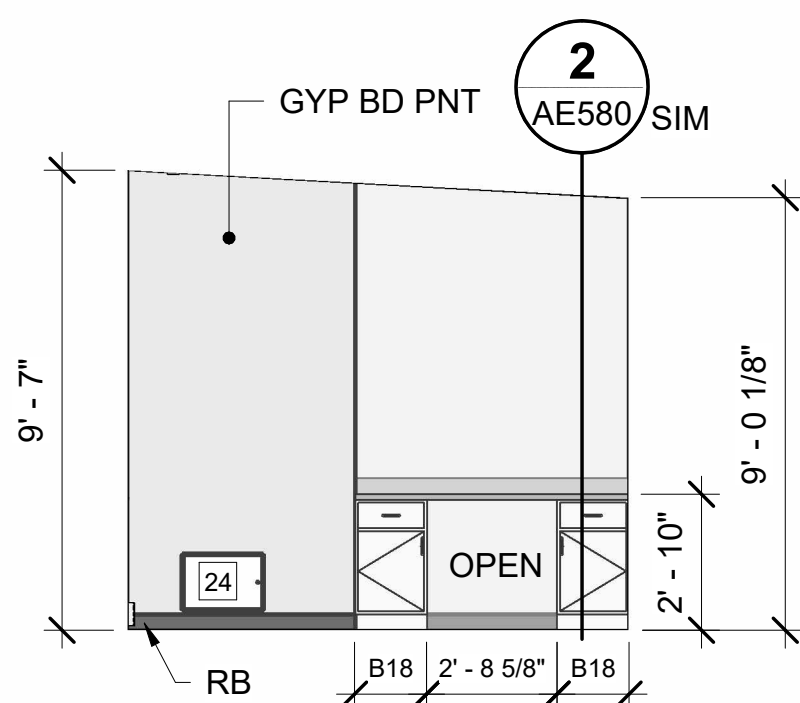
8 BREAK OUT ROOM 135 EAST ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



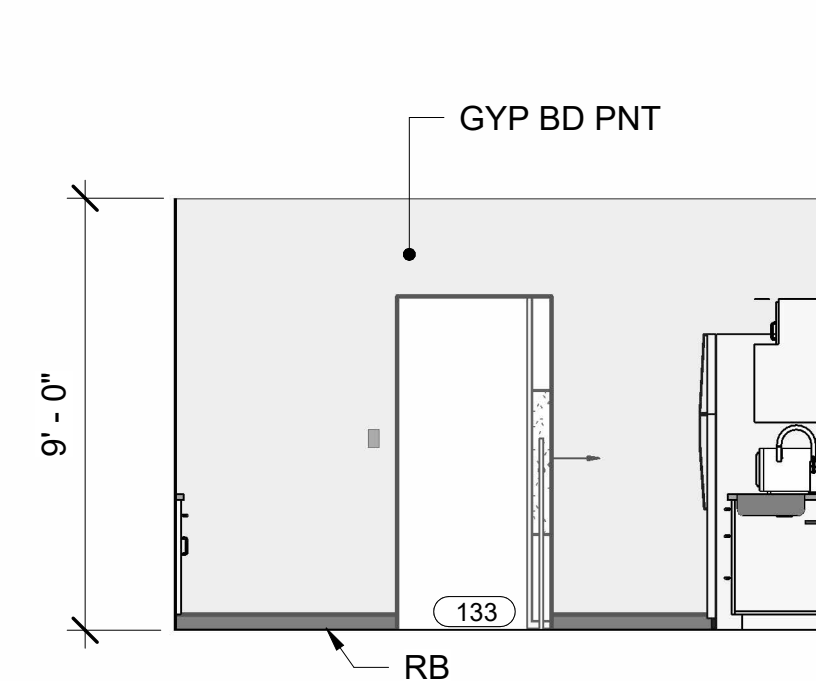
9 BREAK OUT ROOM 135 SOUTH ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



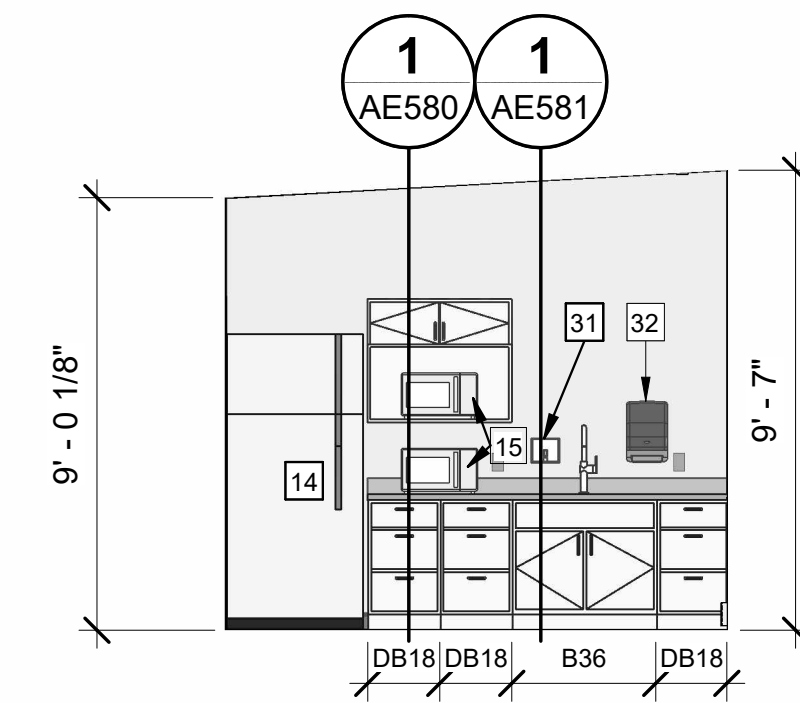
10 BREAK OUT ROOM 135 WEST ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



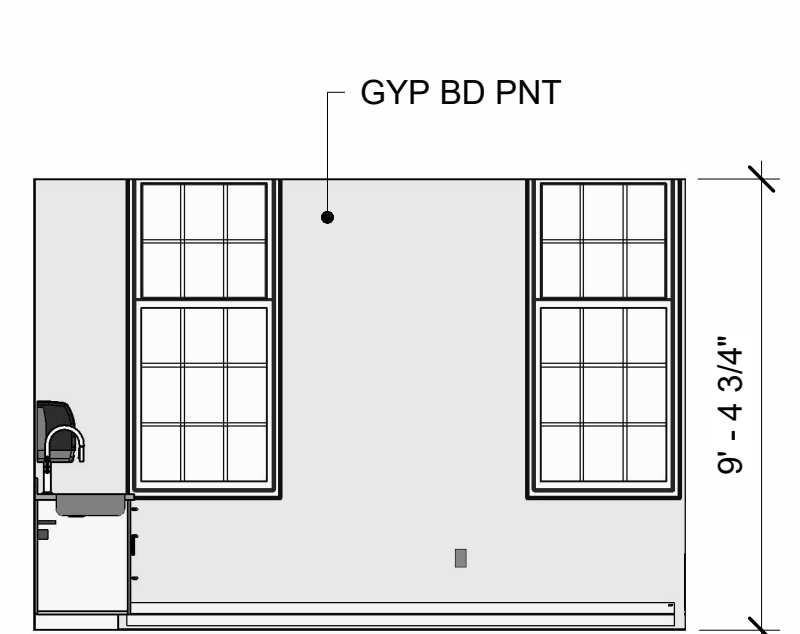
11 BREAK ROOM 133 NORTH ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



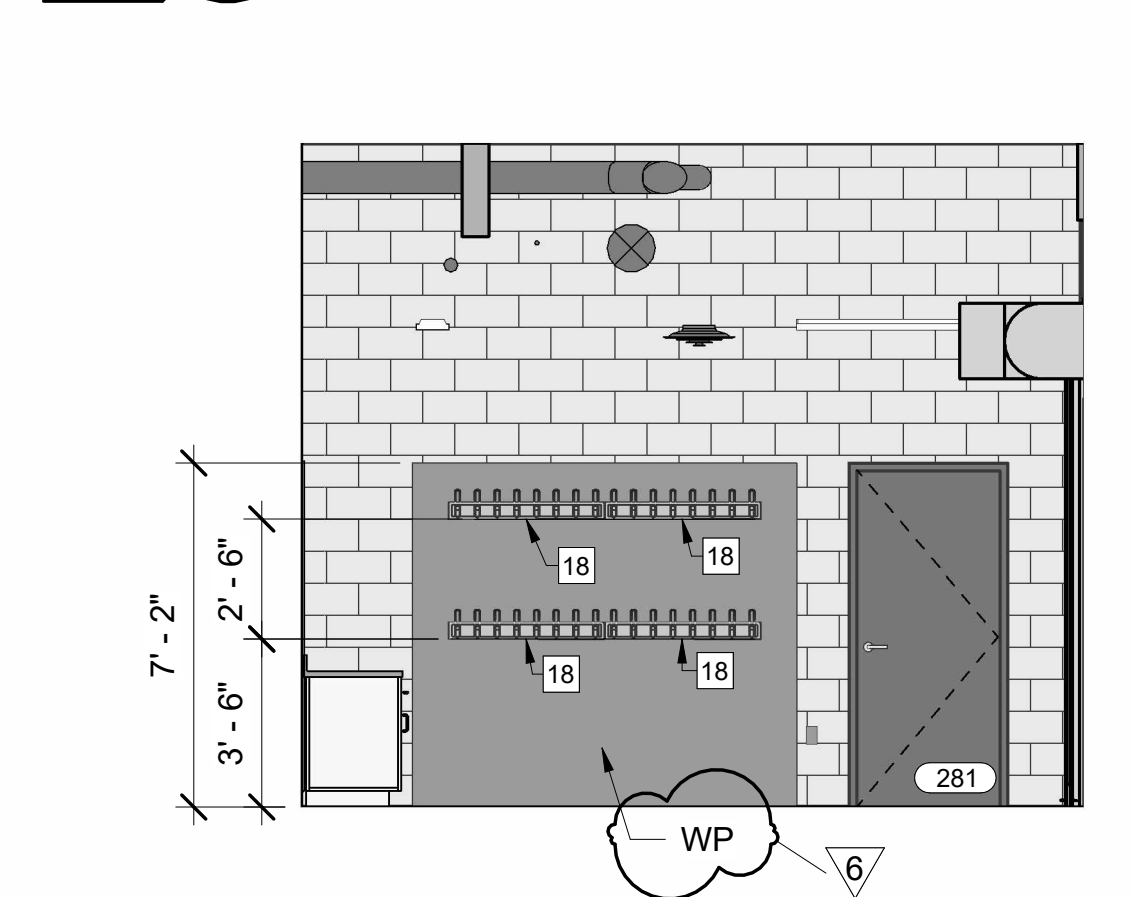
12 BREAK ROOM 133 EAST ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



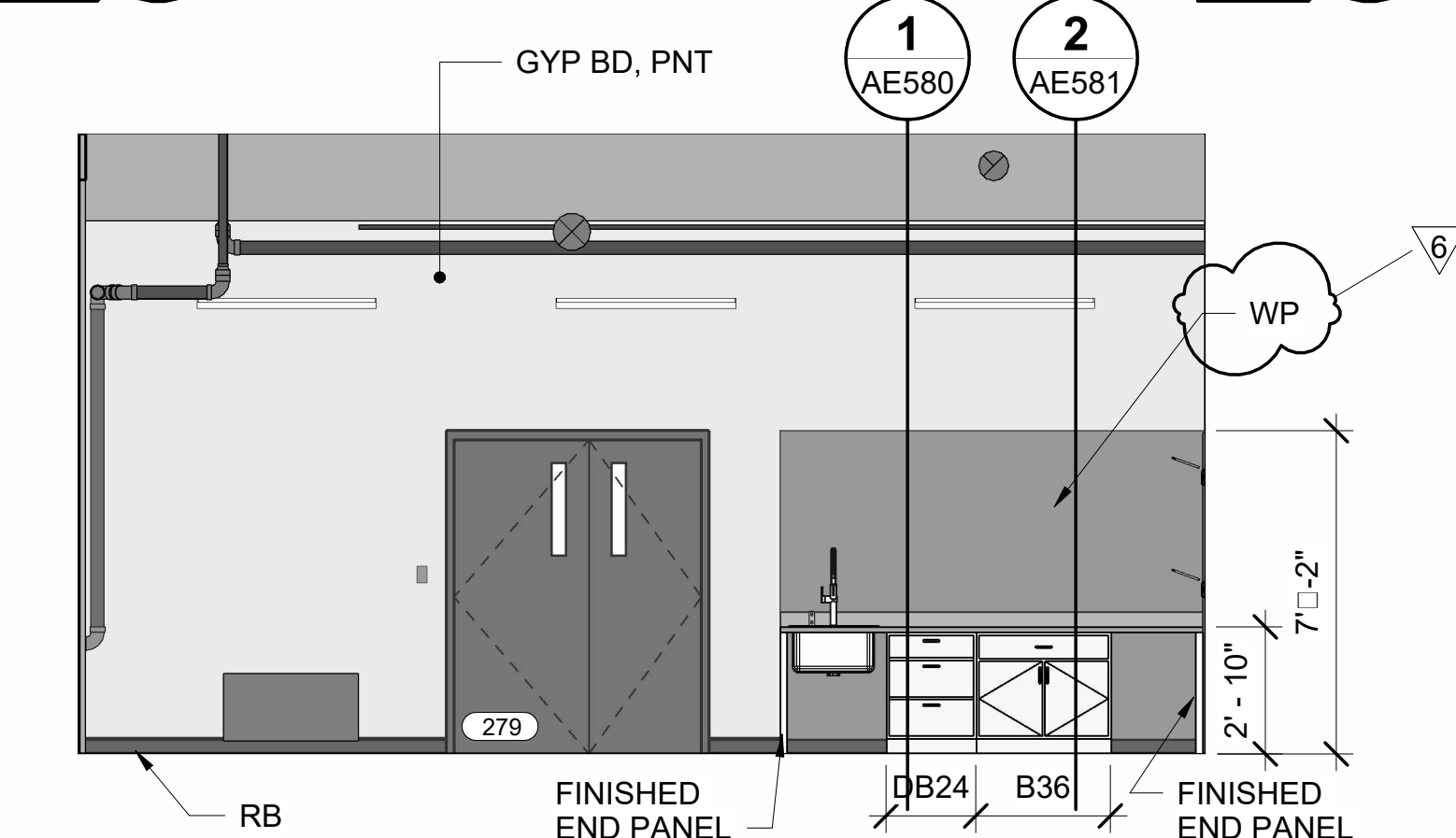
13 BREAK ROOM 133 SOUTH ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



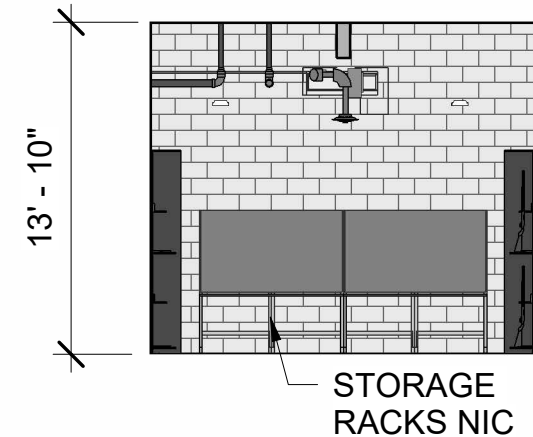
14 BREAK ROOM 133 WEST ELEVATION
AE101 AE741 SCALE: 1/4" = 1'-0"



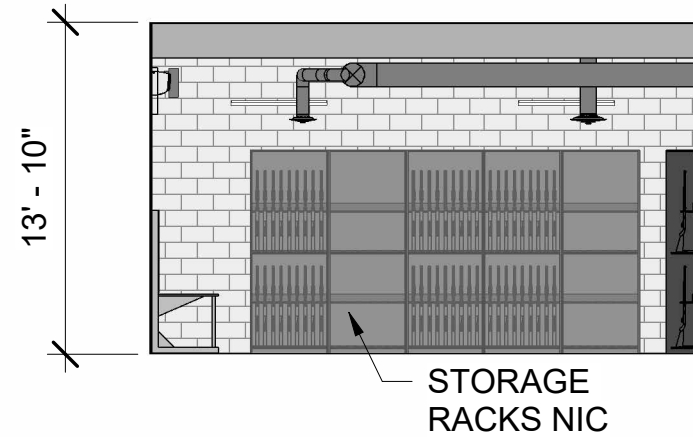
15 RECEIVING 279 NORTH ELEVATION
AE102 AE741 SCALE: 1/4" = 1'-0"



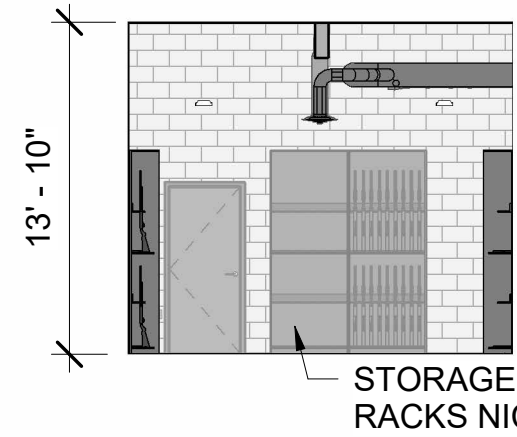
16 RECEIVING 279 WEST ELEVATION
AE102 AE741 SCALE: 1/4" = 1'-0"



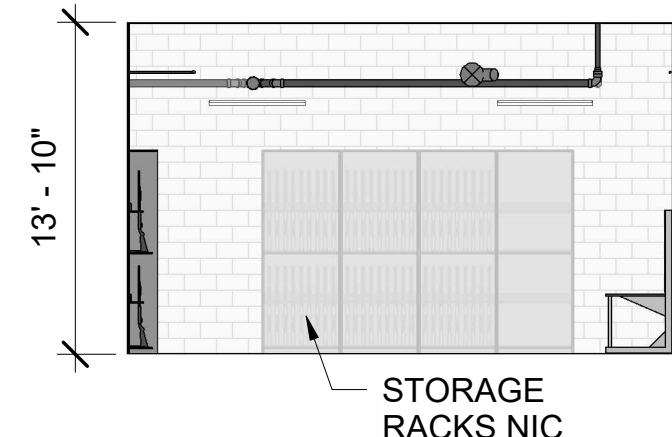
17 SECURE FIREARM STORAGE 281 NORTH ELEVATION
AE102 AE741 SCALE: 1/8" = 1'-0"



18 SECURE FIREARM STORAGE 281 EAST ELEVATION
AE102 AE741 SCALE: 1/8" = 1'-0"



19 SECURE FIREARM STORAGE 281 SOUTH ELEVATION
AE102 AE741 SCALE: 1/8" = 1'-0"

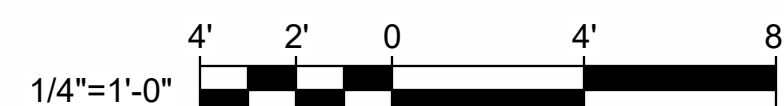


20 SECURE FIREARM STORAGE 281 WEST ELEVATION
AE102 AE741 SCALE: 1/8" = 1'-0"

GENERAL NOTES

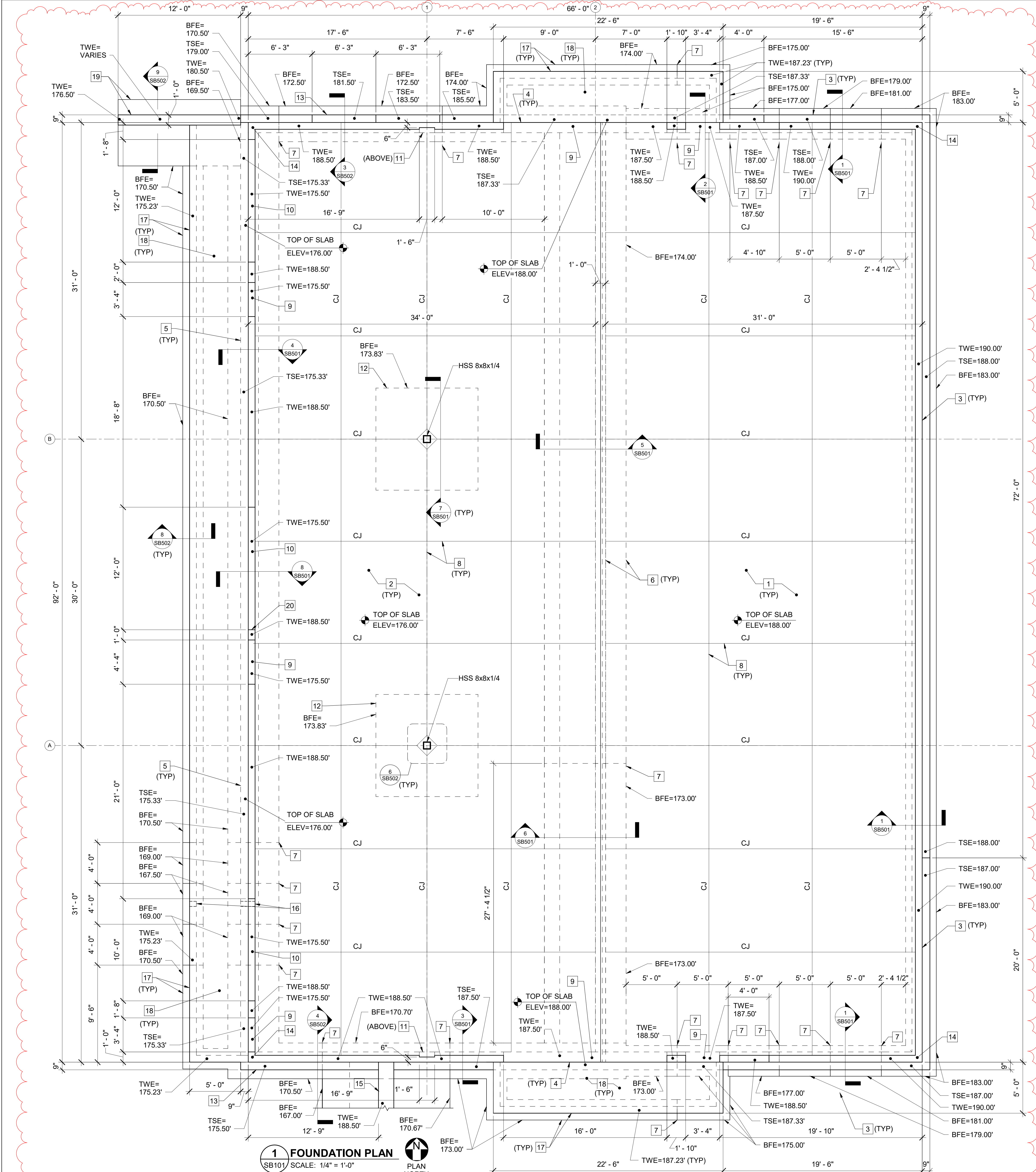
1. SEE SHEETS AE101, AE102, OR AE103 FOR KEYNOTES.
2. SEE SHEETS AE601-AE602 FOR DOOR SCHEDULE AND TYPES.
3. SEE SHEET AE620 FOR WINDOW, STOREFRONT, CURTAINWALL, AND BORROWED LITE TYPES.
4. SEE SHEET AE630 FOR DEMOUNTABLE PARTITION DETAILS.
5. SEE SHEETS AE640-AE641 FOR ROOM FINISH SCHEDULE.

GRAPHIC SCALE



CHECK GRAPHIC SCALE BEFORE USING

						DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
						TITLE: NEW OFFICE HEADQUARTERS	
						LOCATION: AUGUSTA, ME	
						TITLE THIS DWG: INTERIOR ELEVATIONS 2	
6	03/13/2025	ADDENDUM NO.6	HMG	DRAWN BY: Author CHECK BY: Designer		 OAK POINT ASSOCIATES 231 Main Street, Biddeford, Maine 04005 207 283-9151	
5	03/06/2025	ADDENDUM NO.5	HMG				
3	02/27/2025	ADDENDUM NO.3	HMG				
1	02/13/2025	ADDENDUM NO.1	HMG				
NO.	DATE	DESCRIPTION	BY	NO.	DATE	DRAWING NO. AE741 SHEET NO. 162 OF 239	
REVISIONS							

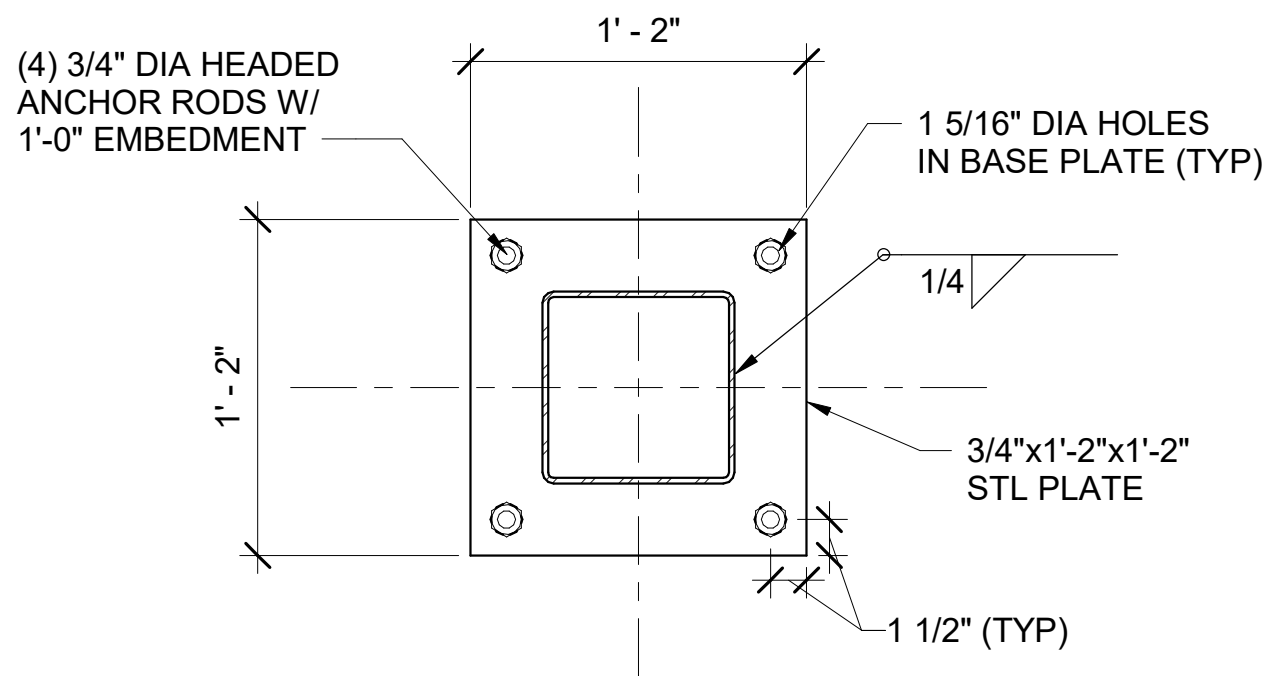


DRAWING NOTES

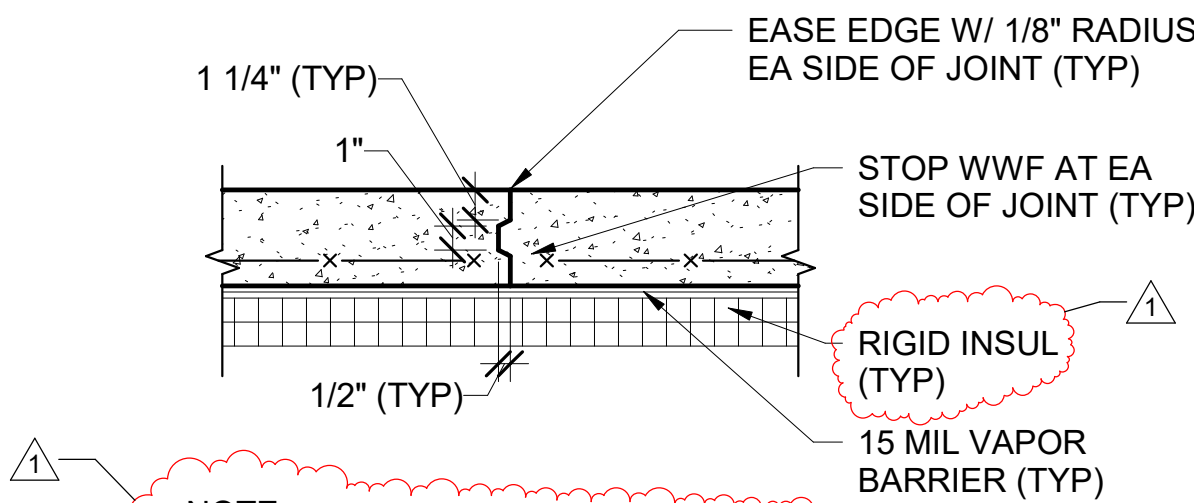
1. PROVIDE FOUNDATION WALL AND SLAB-ON-GROUND CONSTRUCTION JOINTS AT EACH EDGE OF CONCRETE PLACEMENTS IN ACCORDANCE WITH DETAILS 7/SB502 AND 3/SB101, RESPECTIVELY.
2. PROVIDE CONTROL JOINTS IN FOUNDATION WALLS LOCATED BELOW STONE VENEER CONTROL JOINTS AND AT A MAXIMUM SPACING OF 20'-0". COORDINATE WITH ARCHITECTURAL WALL ELEVATIONS FOR LOCATIONS OF CONTROL JOINTS. CONTROL JOINTS SHALL BE MADE BY 3/4" x 3/4" INSERTS ATTACHED TO FOUNDATION WALL FORMWORK.
3. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS IN SLABS. PITCH SLAB-ON-GROUND TO FLOOR DRAINS AS REQUIRED.

KEYNOTES (THIS SHEET ONLY)

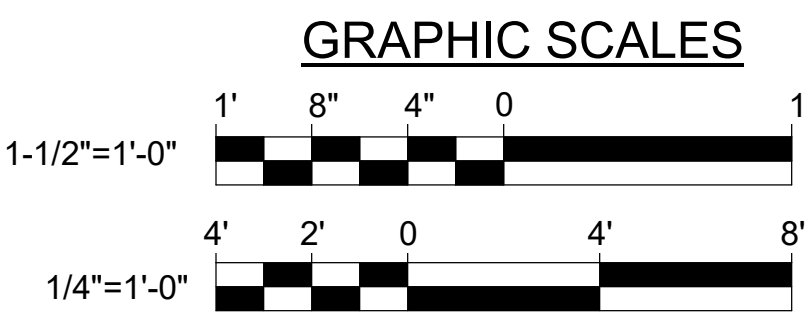
- 1 4" REINFORCED CONCRETE SLAB-ON-GROUND WITH 6x6, W2.1xW2.1 WELDED WIRE FABRIC. TOP OF SLAB ELEVATION = 188.00'.
- 2 4" REINFORCED CONCRETE SLAB-ON-GROUND WITH 6x6, W2.1xW2.1 WELDED WIRE FABRIC. TOP OF SLAB ELEVATION = 176.00'.
- 3 1'-9" REINFORCED CONCRETE FOUNDATION WALL WITH 3'-0" WIDE x 1'-0" DEEP REINFORCED CONCRETE FOOTING. SEE DETAIL 1/SB501.
- 4 1'-9" REINFORCED CONCRETE FOUNDATION WALL WITH 3'-6" WIDE x 1'-0" DEEP REINFORCED CONCRETE FOOTING. SEE DETAIL 3/SB501.
- 5 1'-9" REINFORCED CONCRETE FOUNDATION WALL WITH 5'-0" WIDE x 1'-0" DEEP REINFORCED CONCRETE FOOTING. SEE DETAIL 4/SB501.
- 6 1'-0" REINFORCED CONCRETE RETAINING WALL AND FOOTING. SEE DETAIL 5/SB501.
- 7 STEP FOOTING. SEE DETAIL 2/SB502.
- 8 1/8" WIDE x 1" DEEP SAWCUT CONTROL JOINT. SEE DETAIL 5/SB502.
- 9 TURNED DOWN SLAB AT MANDOOK. SEE DETAIL 2/SB501.
- 10 TURNED DOWN SLAB AT OVERHEAD DOOR. SEE DETAIL 8/SB501.
- 11 BEAM POCKET. SEE DETAIL 1/SB502.
- 12 10'-0"x10'-0"x1'-8" DEEP REINFORCED CONCRETE SPREAD FOOTING WITH (10) #6'S EACH WAY AT BOTTOM. SEE DETAIL 7/SB501.
- 13 1'-9" REINFORCED CONCRETE FOUNDATION WALL WITH 3'-6" WIDE x 1'-0" DEEP REINFORCED CONCRETE FOOTING. SEE DETAIL 3/SB502.
- 14 SIMPSON STRONG-TIE PAB8-18" LONG ANCHOR BOLT (OR APPROVED EQUAL), CAST INTO TOP OF FOUNDATION WALL. COORDINATE PRECISE LOCATION WITH WALL FRAMING AND HOLD-DOWN ANCHOR MANUFACTURER'S LITERATURE. SEE DETAIL 4/SF201.
- 15 1'-6" REINFORCED CONCRETE SITE RETAINING WALL. SEE HEADQUARTERS DRAWING SB105.
- 16 CORE/SLEEVE HOLE IN FOUNDATION FOR UTILITY PENETRATIONS. COORDINATE EXACT SIZE, LOCATION, ELEVATION, AND QUANTITY WITH CIVIL, PLUMBING, AND ELECTRICAL DRAWINGS.
- 17 8" REINFORCED CONCRETE FOUNDATION WALL WITH 2'-0" WIDE x 1'-0" DEEP REINFORCED CONCRETE FOOTING. SEE DETAIL 8/SB502.
- 18 6" REINFORCED CONCRETE SLAB-ON-GROUND WITH #4'S AT 1'-0" ON-CENTER EACH WAY. TOP OF SLAB ELEVATION SHOWN IS AGAINST BUILDING. SLOPE SLAB AWAY FROM BUILDING PER CIVIL.
- 19 1'-0" REINFORCED CONCRETE RETAINING WALL WITH 6'-6" WIDE x 1'-6" DEEP REINFORCED CONCRETE FOOTING. SEE DETAIL 9/SB502. TOP OF WALL IS SLOPED.
- 20 REINFORCE 8"x1'-0" CONCRETE JAMB BETWEEN OPENINGS WITH (6) #4'S VERTICAL AND #3 CLOSED TIES AT 1'-0" ON-CENTER.



2 TYP HSS 8x8x1/4 BASE PLATE DETAIL
SB101 SCALE: 1 1/2" = 1'-0"

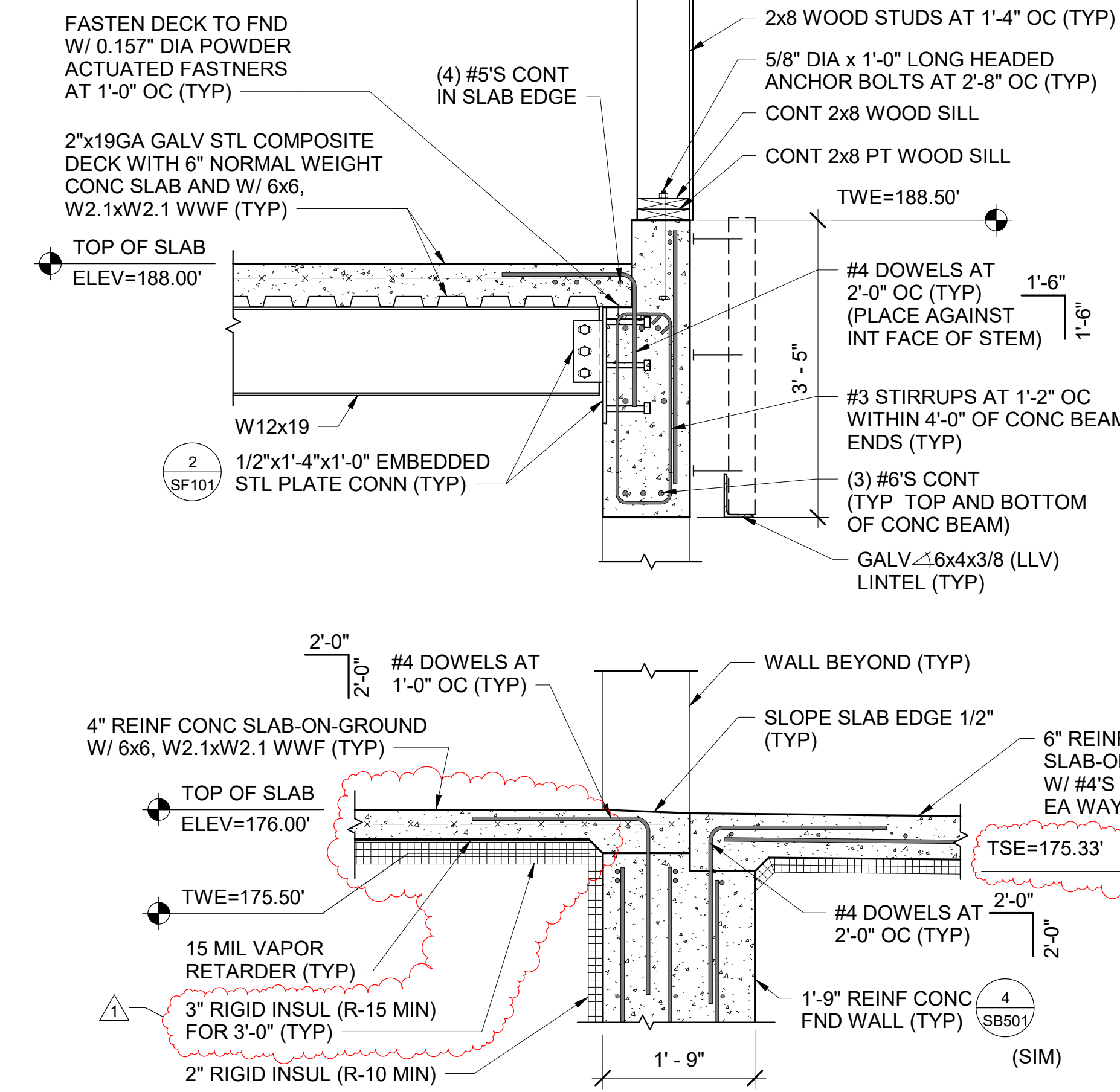
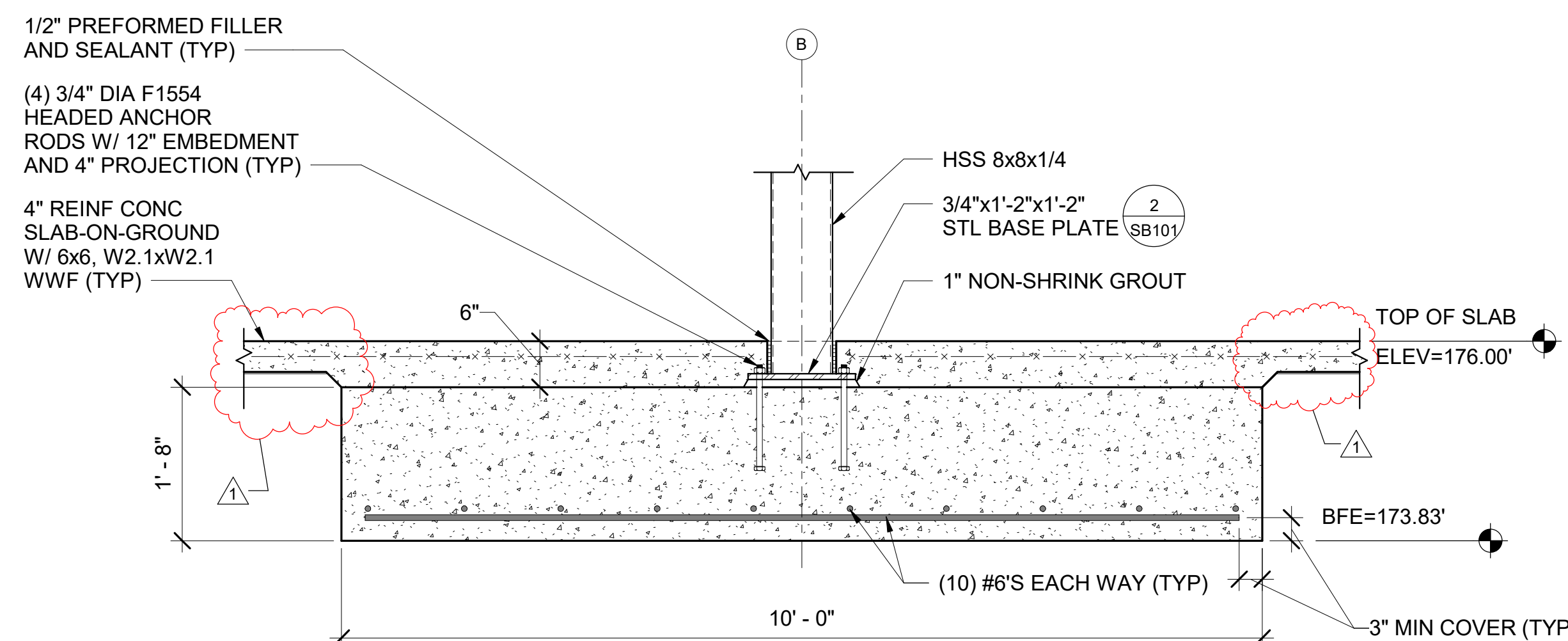
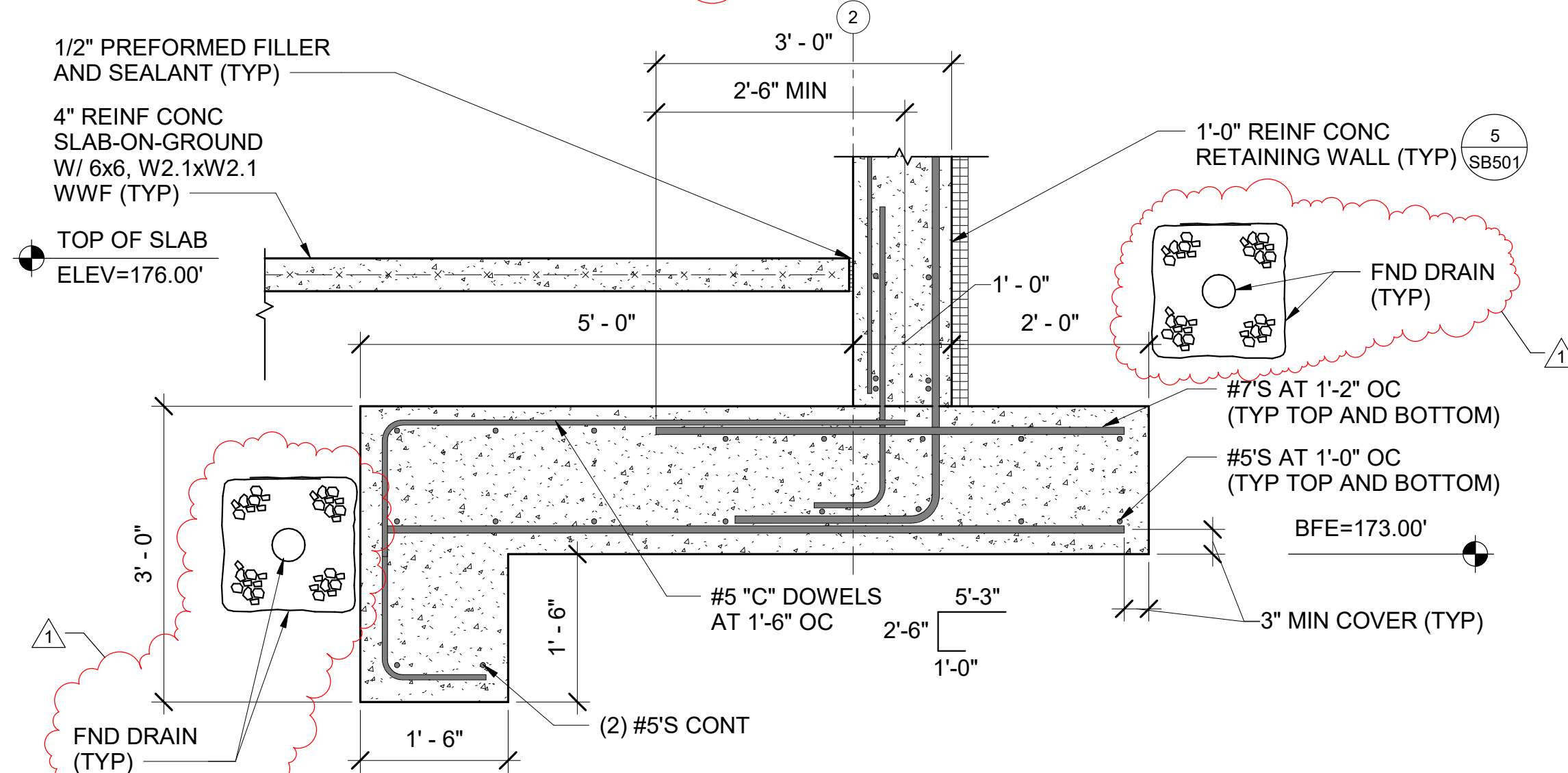
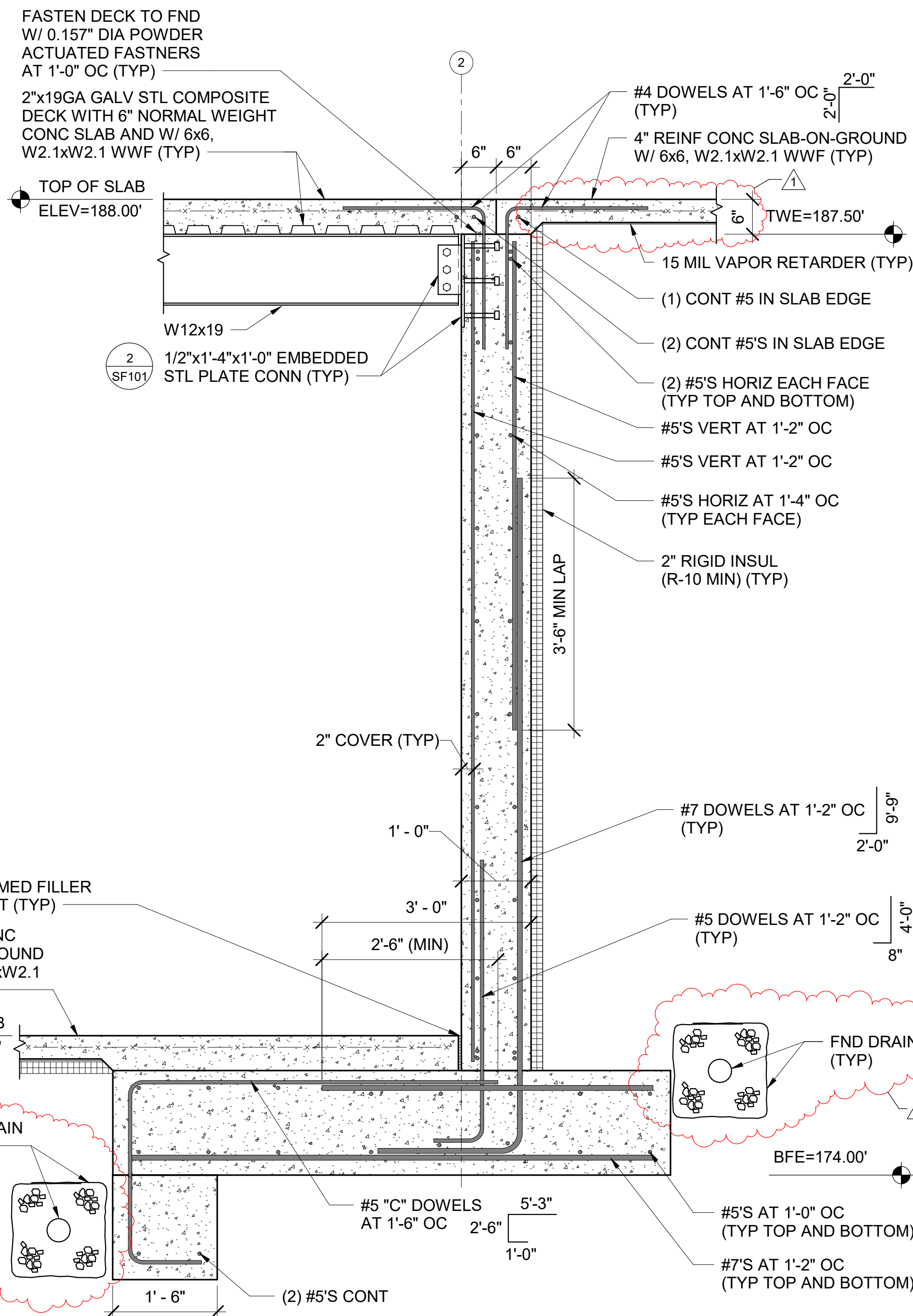
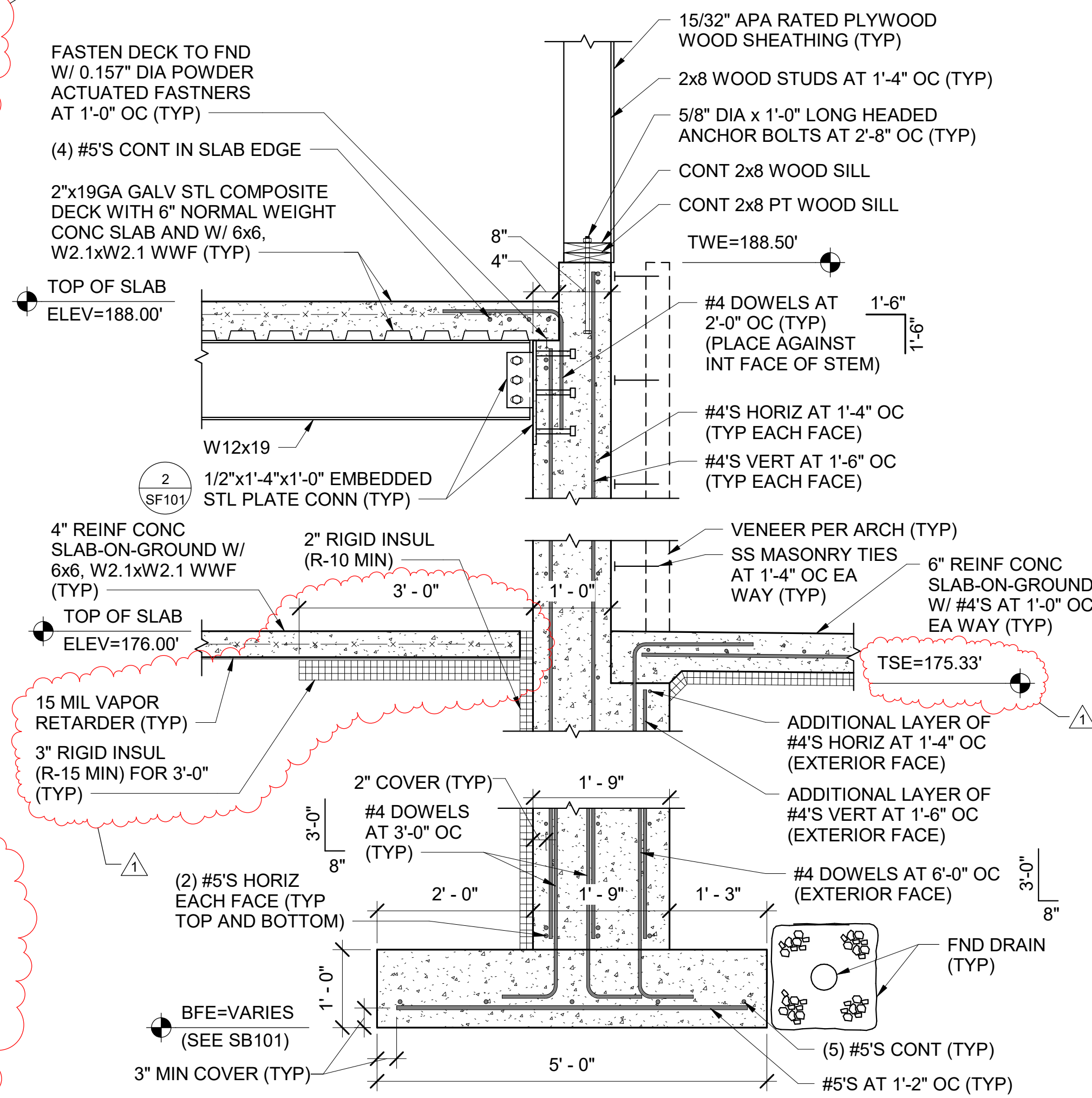
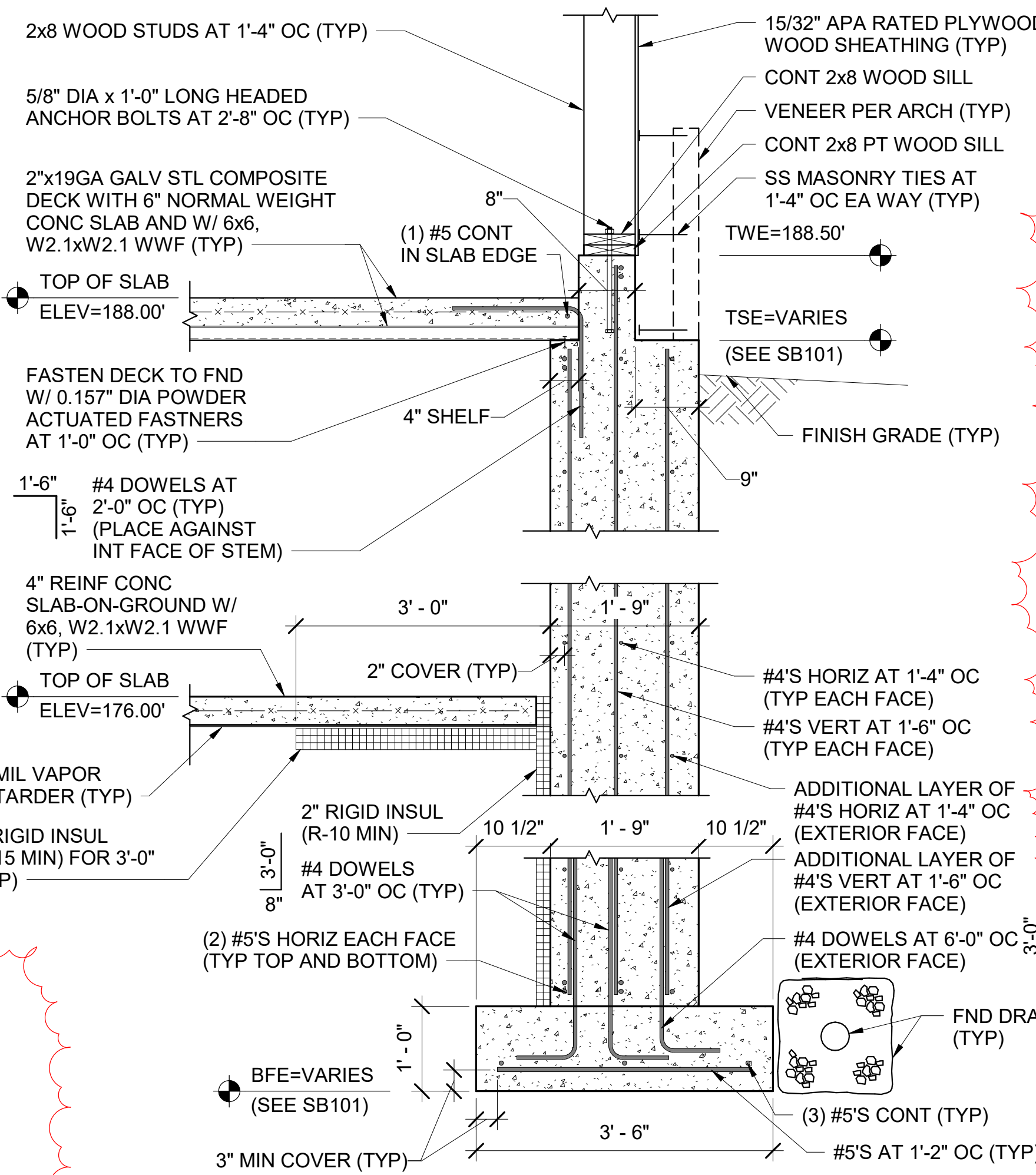
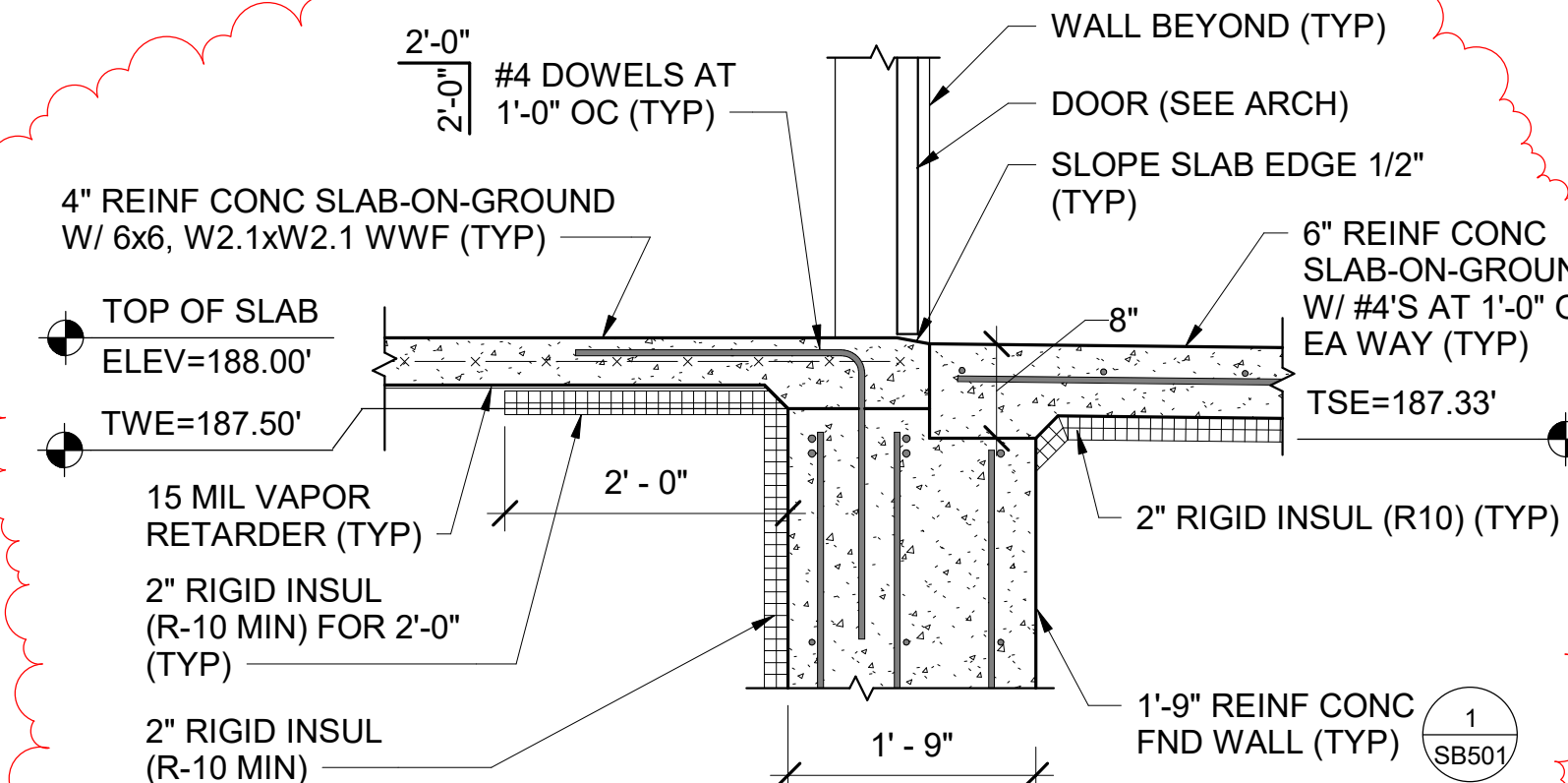
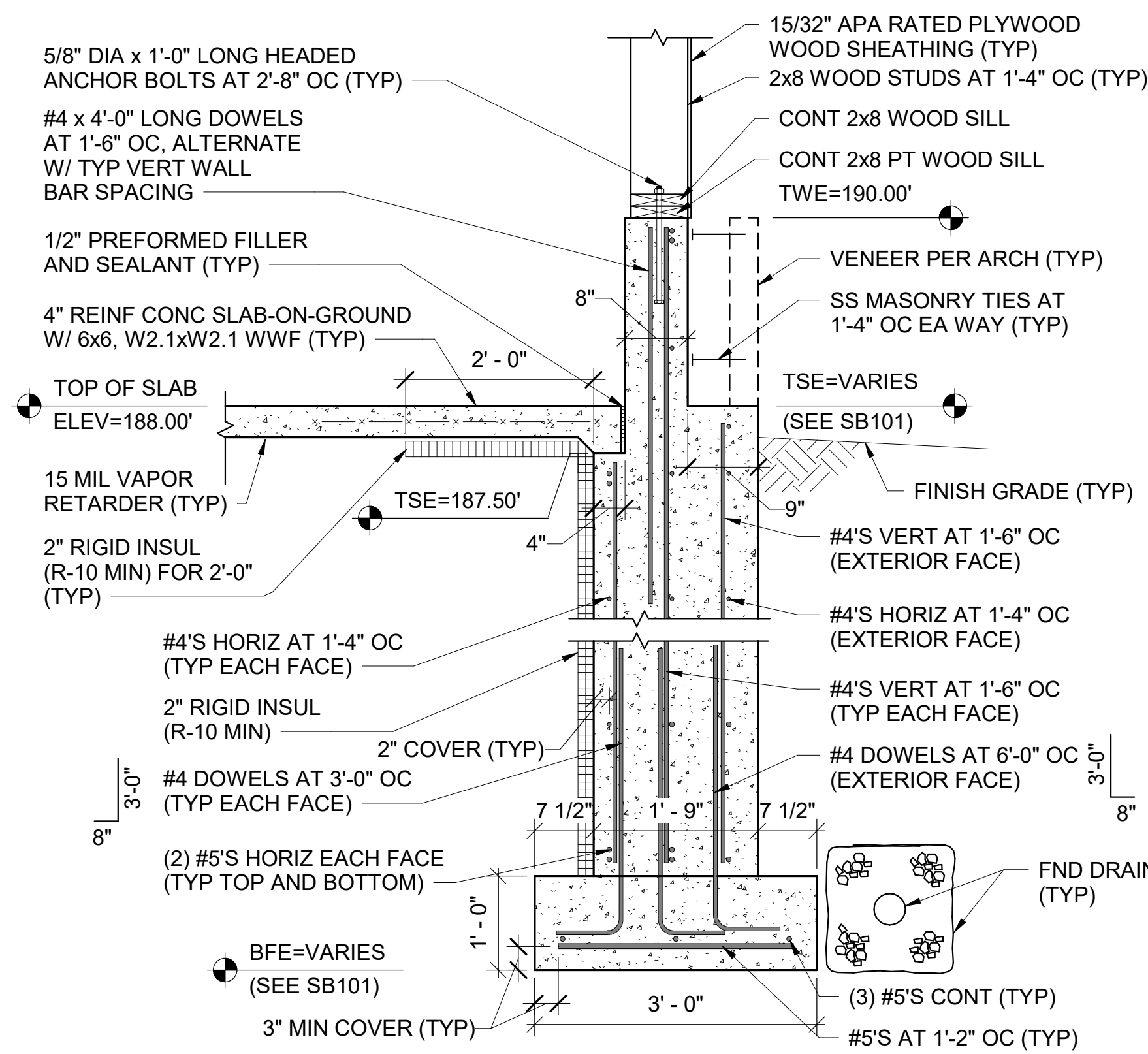


3 TYP SLAB CONSTRUCTION JOINT DETAIL
SB101 SCALE: 1 1/2" = 1'-0"

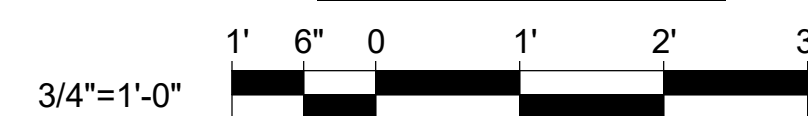


CHECK GRAPHIC SCALES BEFORE USING

STATE OF MAINE DAVID N. MARTIN No. 5622 REGISTERED PROFESSIONAL ENGINEER		DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
DRAWN BY: MJC		TITLE: STORAGE BARN	
CHECK BY: DNM		LOCATION: AUGUSTA, ME	
NO. DATE DESCRIPTION		TITLE THIS DWS: FOUNDATION PLAN	
REVISIONS		DATE: 01/29/2025	
1 03/13/2025 ADDENDUM NO. 6		ARCHITECTURE • ENGINEERING • PLANNING	
MJC		231 Main Street, Biddeford, Maine 04005	
BY		207.283.9193	
NO.		9 OF 48	

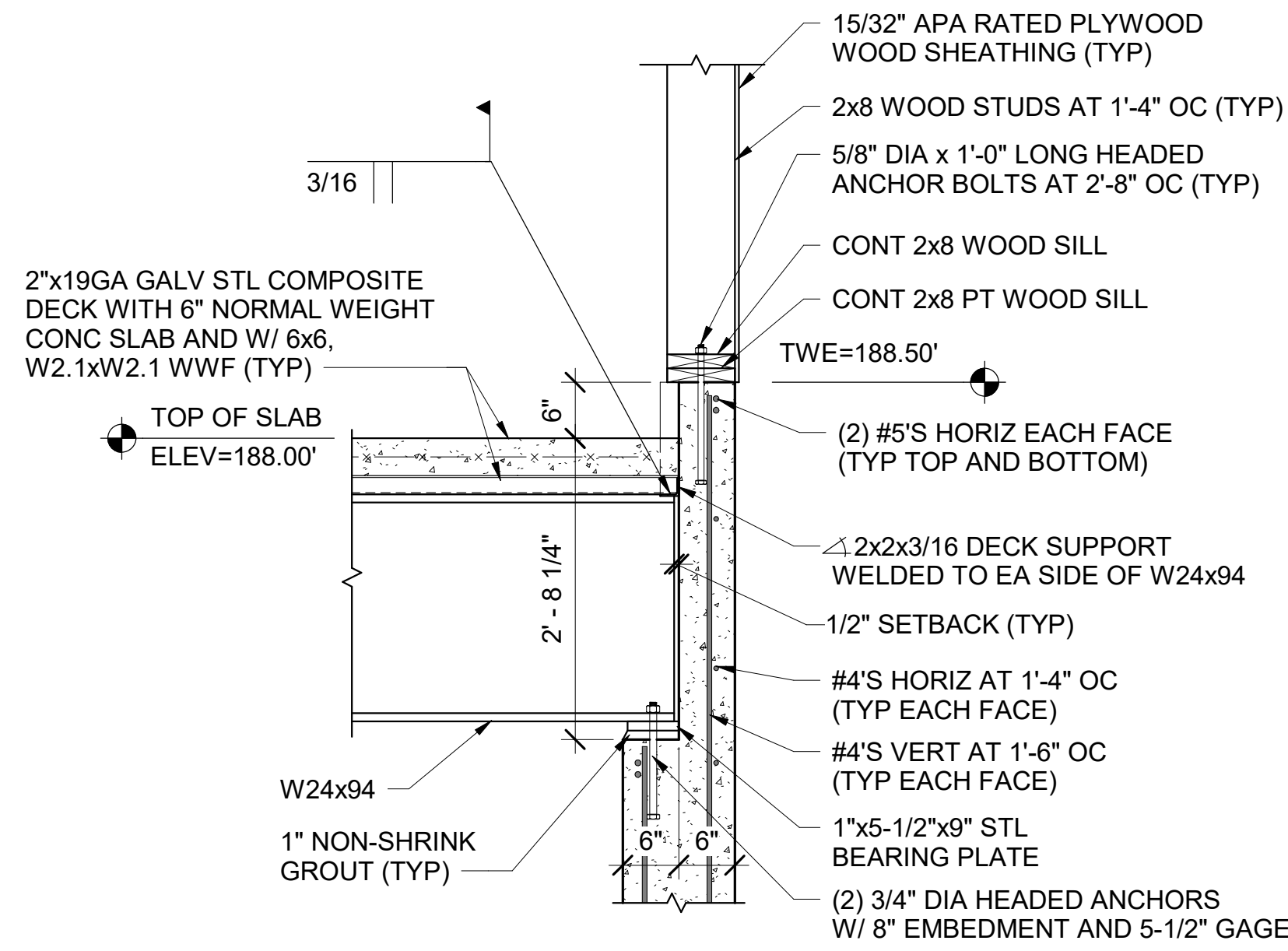


GRAPHIC SCALE



CHECK GRAPHIC SCALE BEFORE USING

STATE OF MAINE DAVID N. MARTIN No. 9622 Professional Engineer		DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
DRAWN BY: MJC		TITLE: STORAGE BARN	
CHECK BY: DNM		LOCATION: AUGUSTA, ME	
DATE: 01/29/2025		TITLE THIS DWS: FOUNDATION DETAILS 1	
REVISIONS		ARCHITECTURE • ENGINEERING • PLANNING 231 Main Street, Biddeford, Maine 04005 207.283.9193	
NO. DATE DESCRIPTION BY		DRAWING NO. SB501 SHEET NO. 10 OF 48	

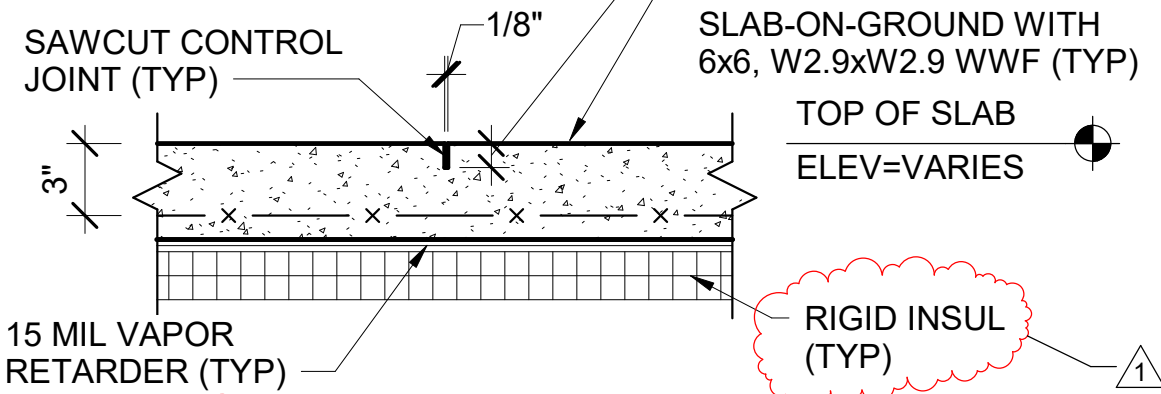


1 W24x94 BEAM POCKET DETAIL

SB502 SCALE: 3/4" = 1'-0"

SB101, SB102

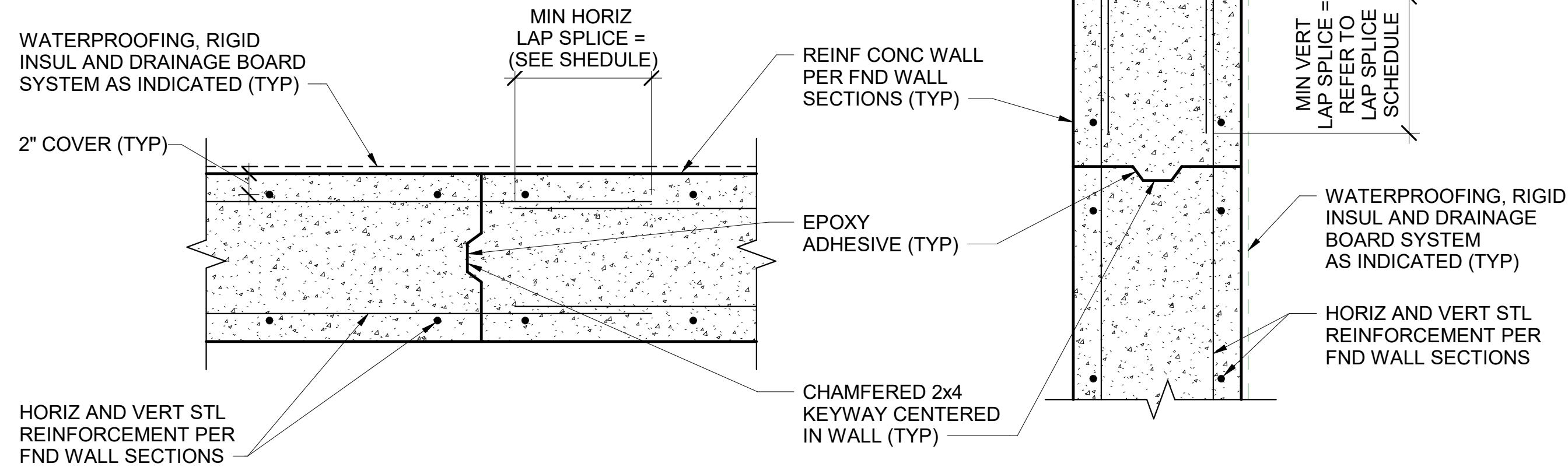
SLAB THICKNESS	DEPTH OF JOINT
4"	1"
6"	1-1/2"



5 TYP CONTROL JOINT DETAIL

SB502 SCALE: 1 1/2" = 1'-0"

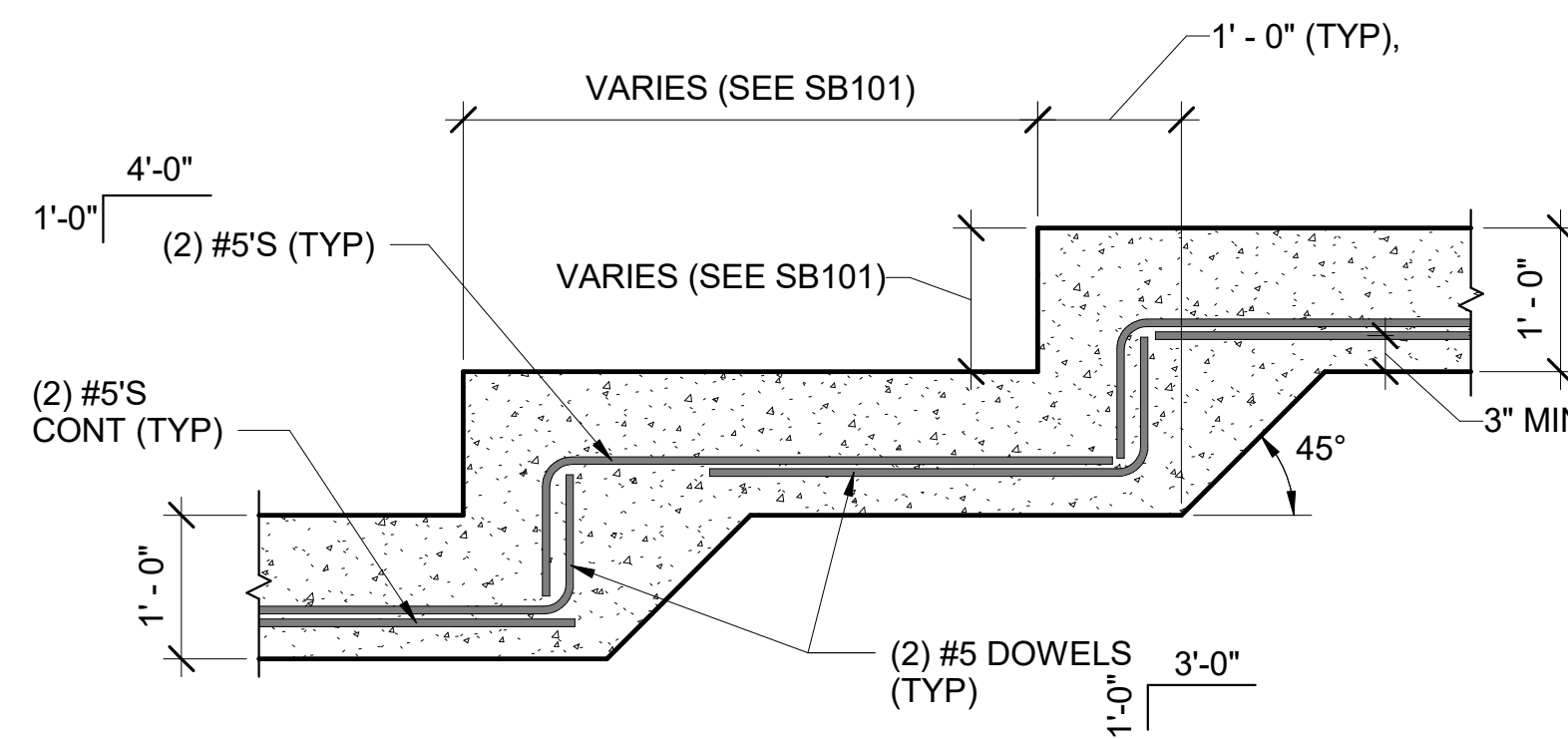
SB101



7 TYP FND WALL HORIZ/VERT CONSTRUCTION JOINT DETAIL

SB502 SCALE: 1 1/2" = 1'-0"

SB101



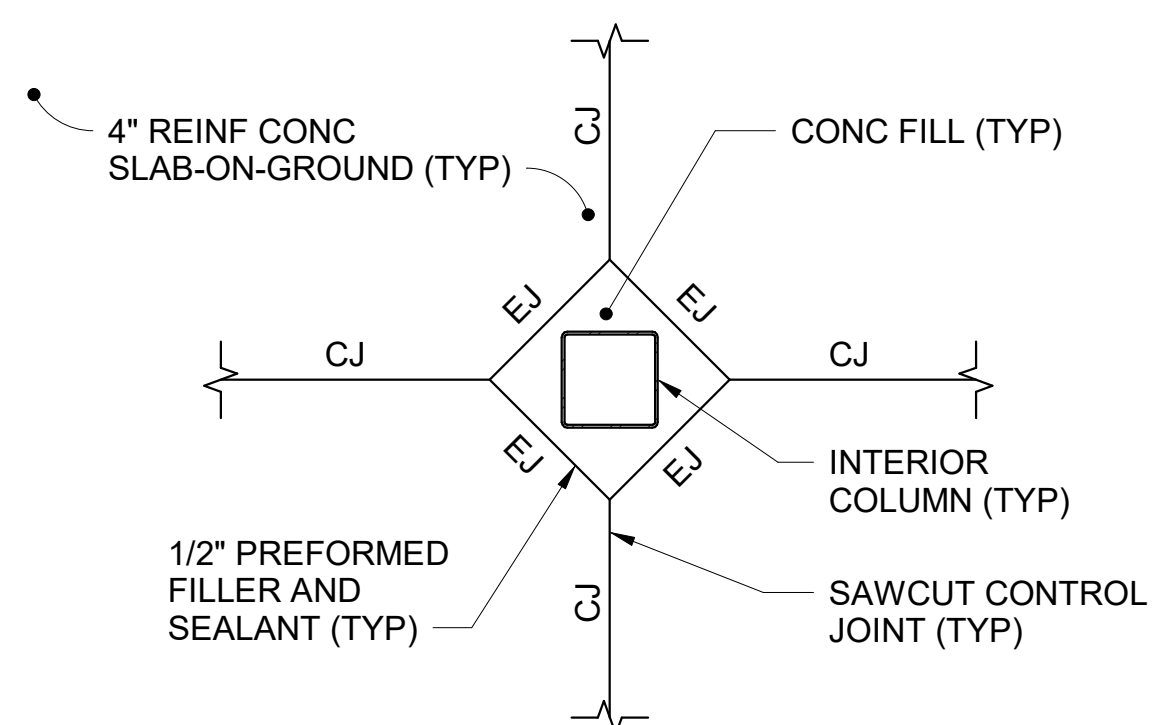
NOTES:

- REFER TO FOUNDATION PLANS FOR BOTTOM OF FOOTING ELEVATIONS.
- VERTICAL LENGTH ON BENT DOWELS TO MATCH VERTICAL STEP DISTANCE.
- QUANTITY OF CONTINUOUS REINFORCING TO MATCH FOUNDATION DETAILS.

2 TYP STEP FOOTING DETAIL

SB502 SCALE: 3/4" = 1'-0"

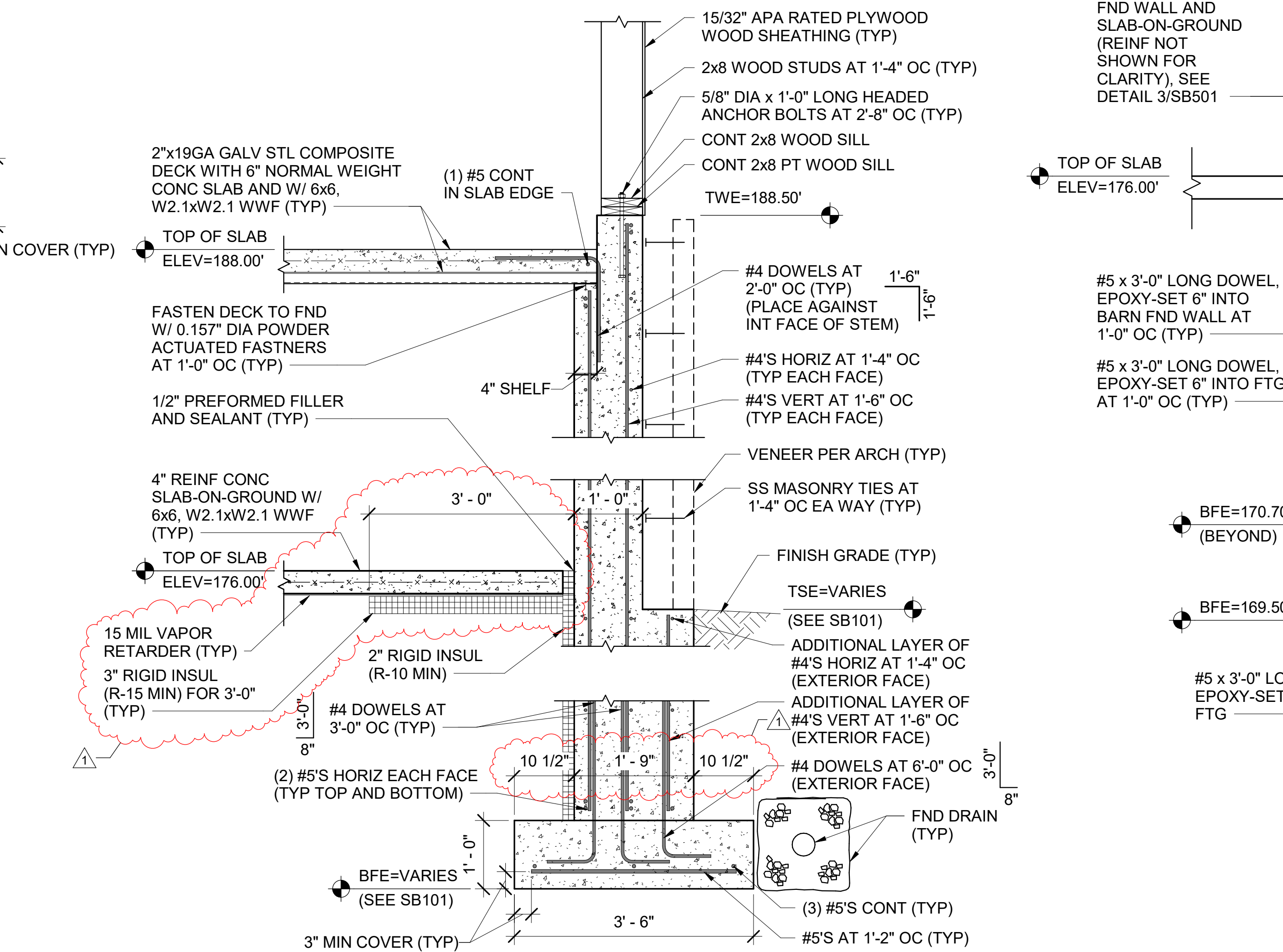
SB101



6 TYP CJ LAYOUT AT INT COLUMNS

SB502 SCALE: 3/4" = 1'-0"

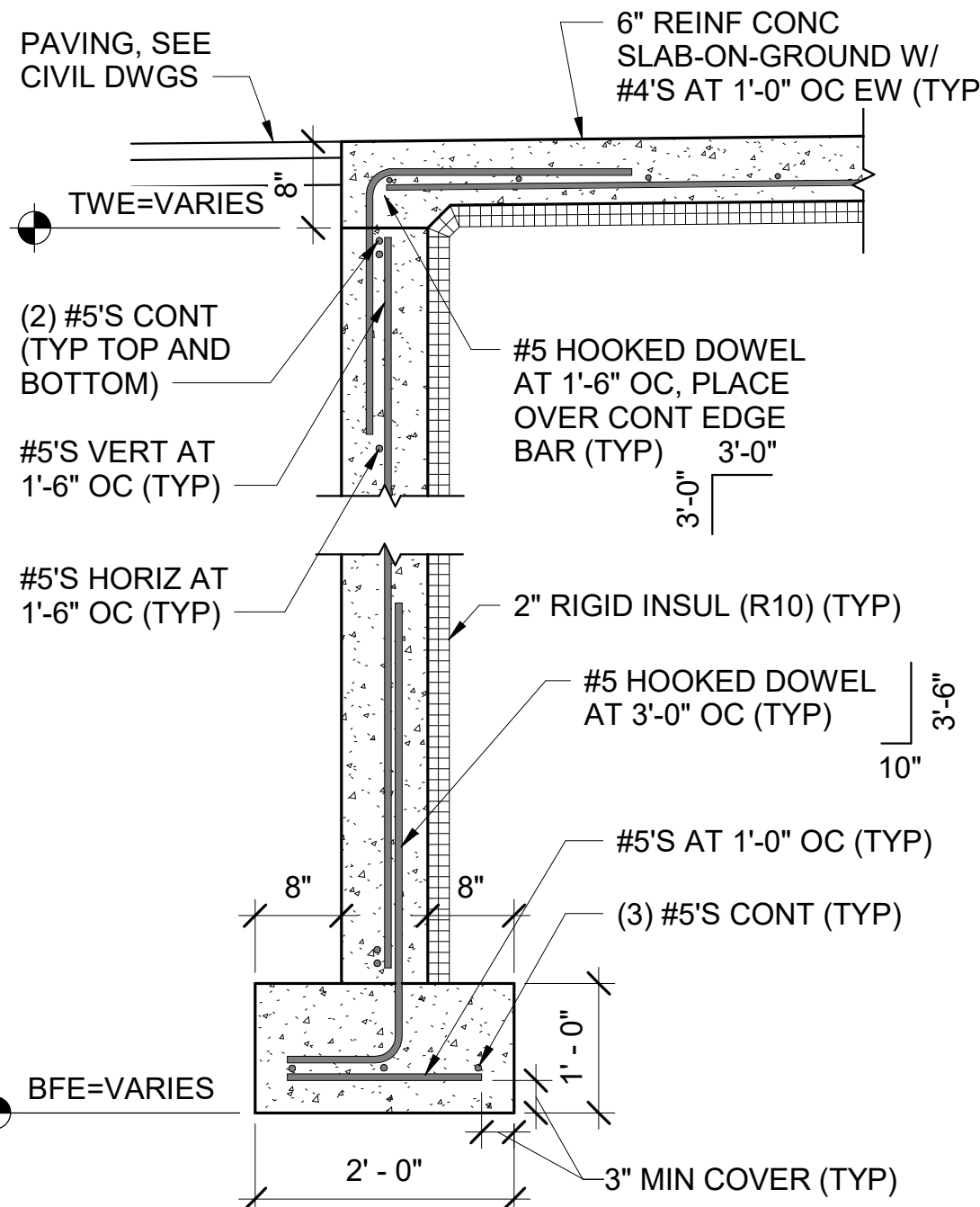
SB101



3 1'-9" FND WALL SECTION WITH 3'-6" WIDE FTG

SB502 SCALE: 3/4" = 1'-0"

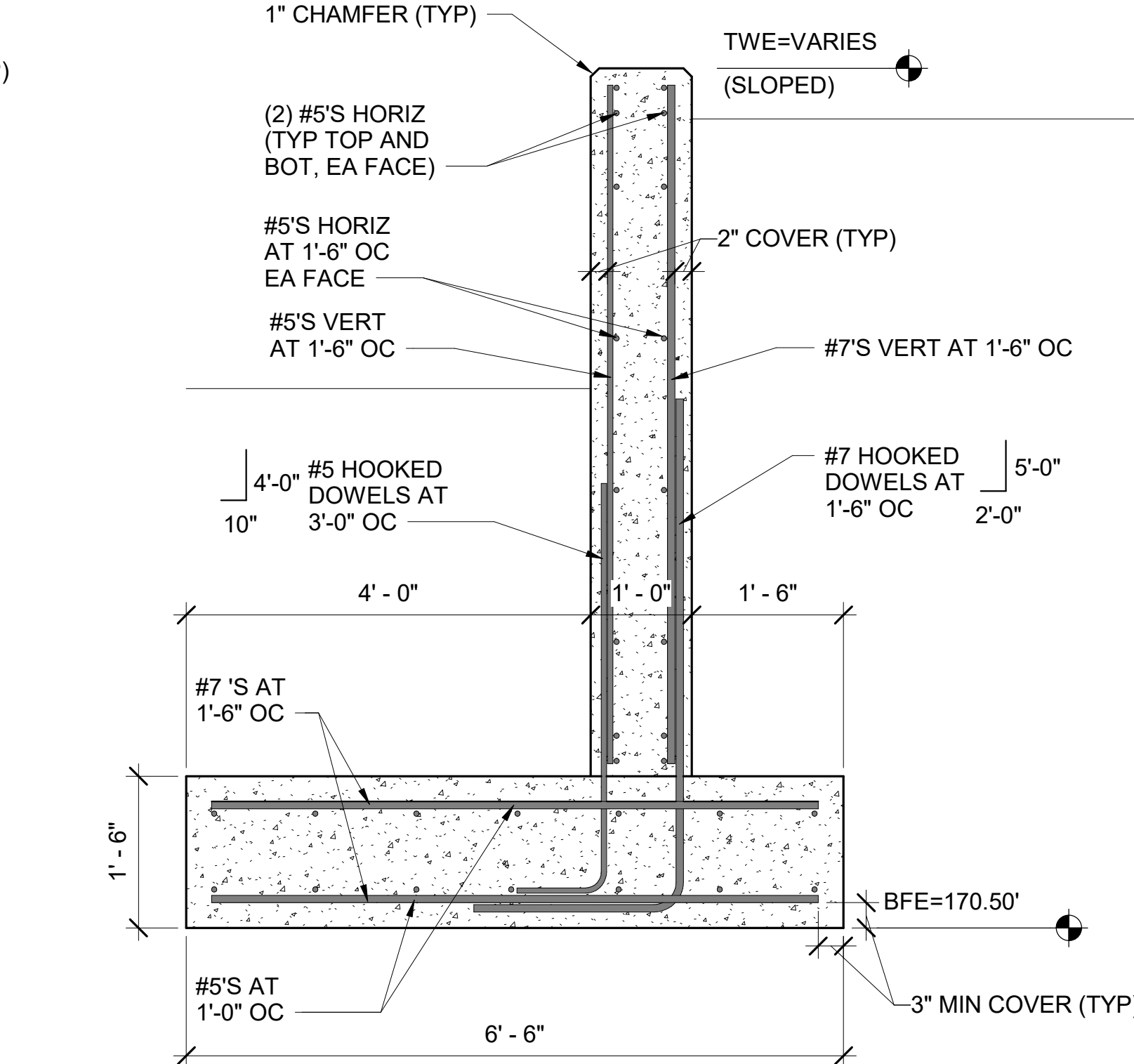
SB101



8 TYP REINF CONC STOOP DETAIL

SB502 SCALE: 3/4" = 1'-0"

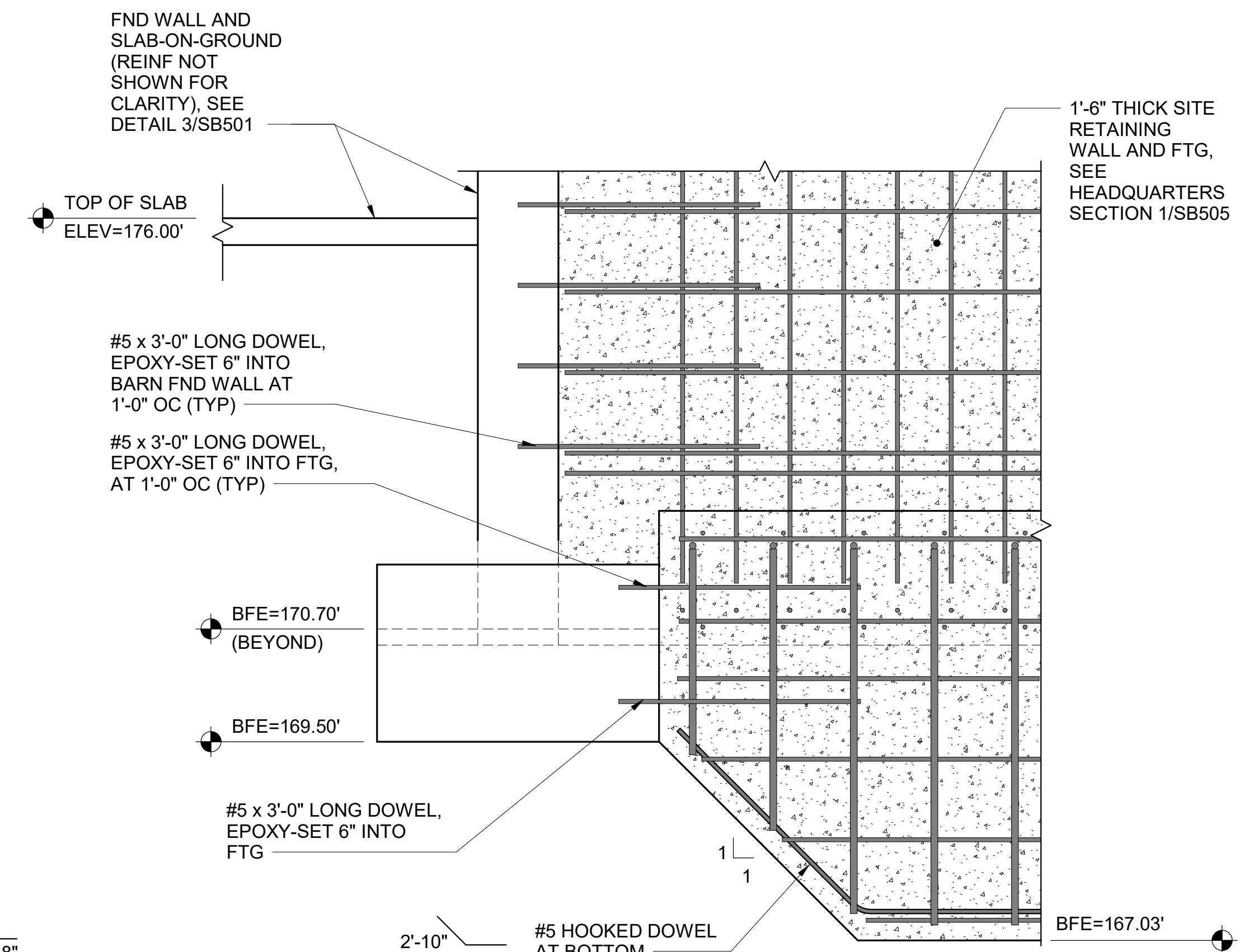
SB101, SB501



9 1'-0" REINF CONC RETAINING WALL WITH 6'-6"x1'-6" FTG

SB502 SCALE: 3/4" = 1'-0"

SB101

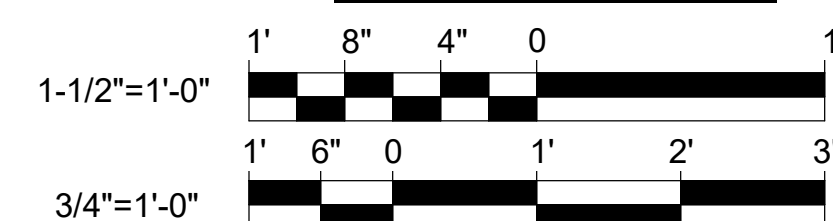


4 SITE RETAINING WALL DETAIL AT BARN

SB502 SCALE: 3/4" = 1'-0"

SB101

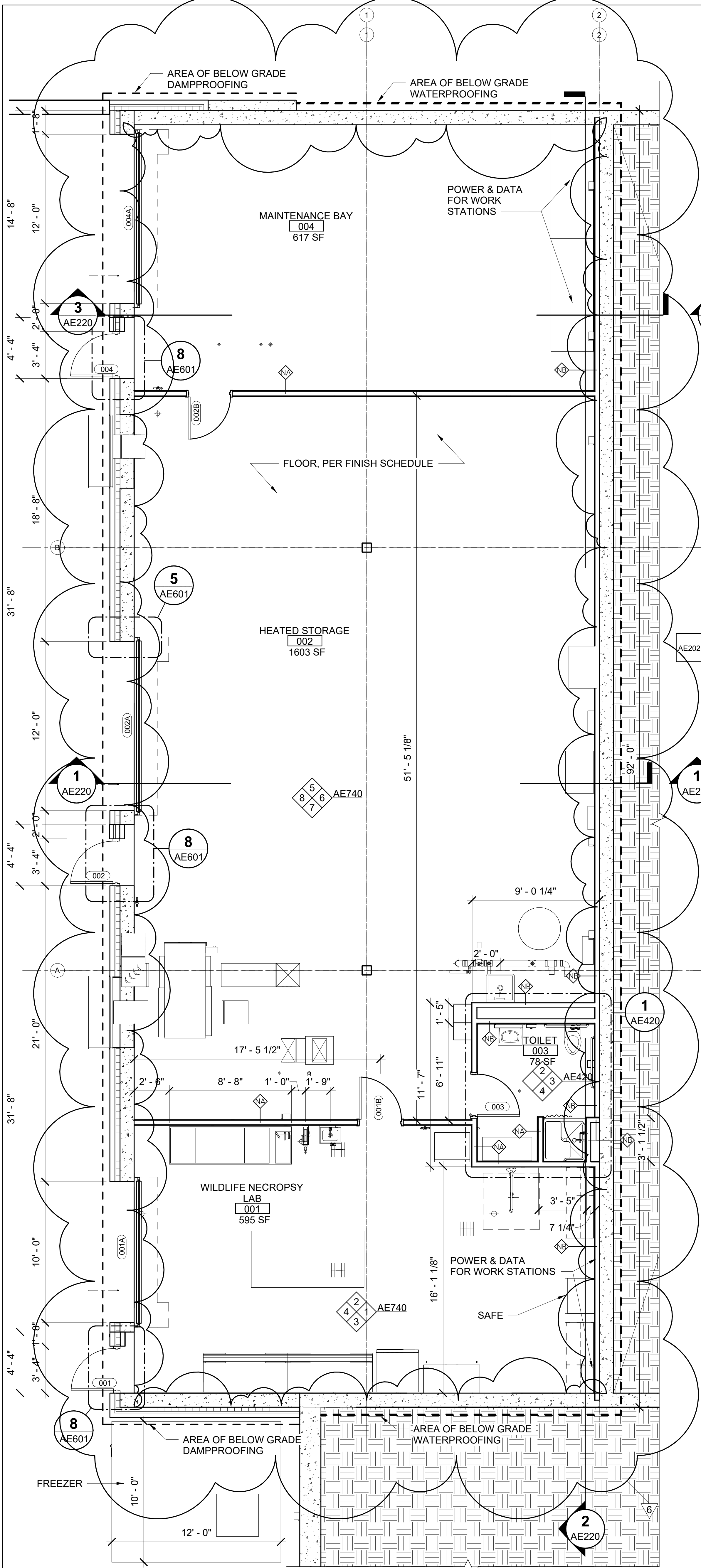
GRAPHIC SCALES



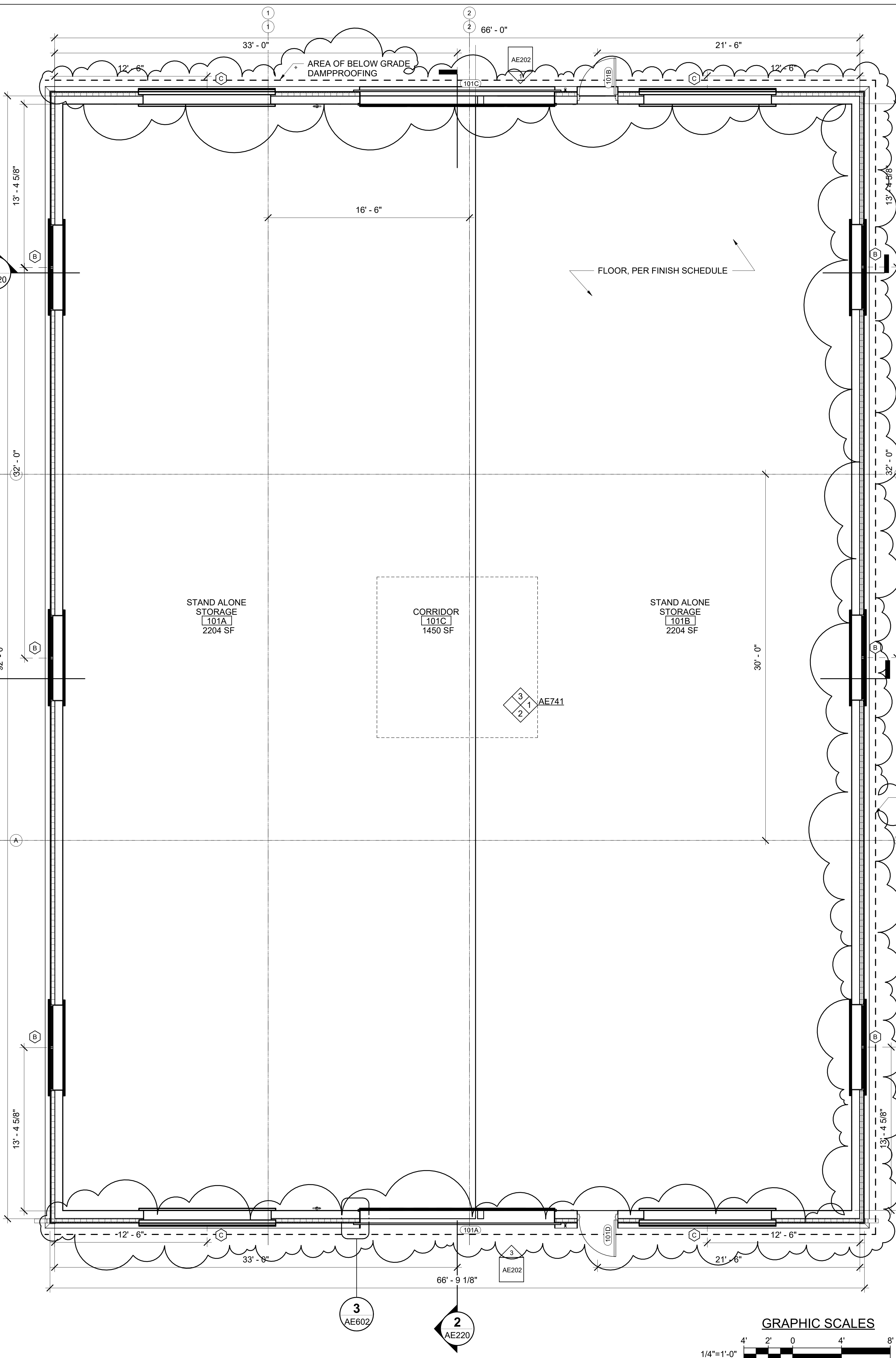
CHECK GRAPHIC SCALES BEFORE USING

						DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
				TITLE: STORAGE BARN		LOCATION: AUGUSTA, ME	
				TITLE THIS DWS: FOUNDATION DETAILS 2			
				DRAWN BY: MJC		CHECK BY: DNM	
				NO. 1		DATE 03/13/2025	
				DESCRIPTION ADDENDUM NO. 6		BY MJC	
				REVISIONS		DATE 01/29/2025	
						ARCHITECTURE • ENGINEERING • PLANNING	
						231 Main Street, Biddeford, Maine 04005	
						207.283.9193	
						11 OF 48	

[illegible]



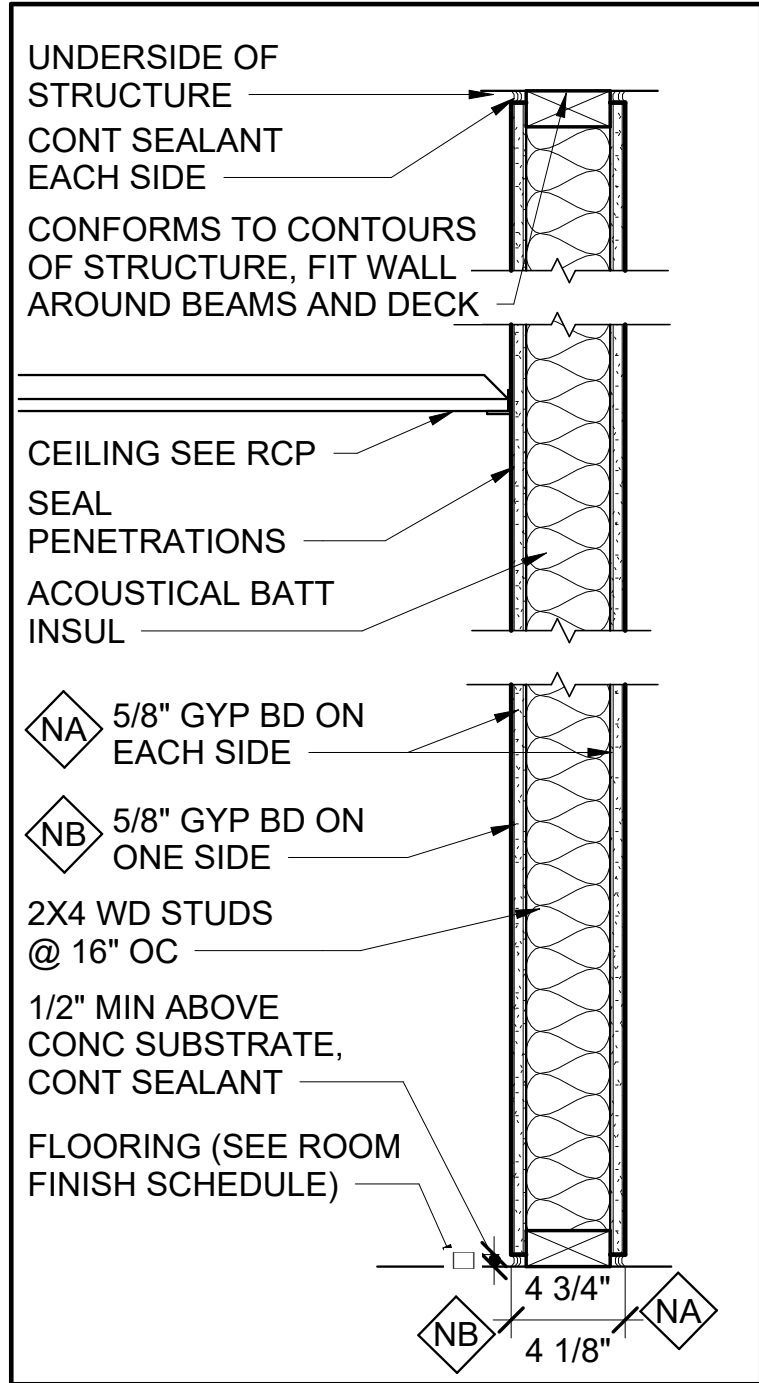
1 BASEMENT FLOOR PLAN
AE101 SCALE: 1/4" = 1'-0"



2 FIRST FLOOR PLAN
AE101 SCALE: 1/4" = 1'-0"

GENERAL NOTES: (THIS SHEET ONLY)

- COORDINATE WITH CIVIL, STRUCTURAL, FIRE SUPPRESSION, MECHANICAL, PLUMBING, AND ELECTRICAL SHEETS.
- PROVIDE 5/8" ABUSE RESISTANT (VERY HIGH IMPACT) GYPSUM BOARD TO 8'-0" MINIMUM ABOVE FINISH FLOOR.
- GYPSUM BOARD WALLS WITH IN TOILET ROOM SHALL HAVE 5/8" MOISTURE RESISTANT GYP BD.
- SEE STRUCTURAL DRAWINGS FOR MASONRY WALL REINFORCING AND SLAB CONTROL JOINTS.
- SEE ROOM FINISH SCHEDULES ON AE740 FOR FINISHES.
- SEE REFLECTED CEILING PLANS FOR GYPSUM BOARD CEILING HEIGHTS; AE701.
- SEE SHEET AE601 FOR DOOR SCHEDULE AND TYPES.
- SEE SHEET AE620 FOR WINDOW TYPES.
- AT NON-RATED WALL ASSEMBLIES SEAL MEMBRANE PENETRATIONS, THROUGH PENETRATIONS, JOINTS BETWEEN ASSEMBLIES AND CONSTRUCTION JOINTS WITH ACOUSTICAL SEALANT.



MIN INSULATION
PER MUEC IECC 2015
TABLE C402.1.3
CLIMATE ZONE 6

ROOFS,
INSULATION ENTIRELY
ABOVE ROOF DECK:
R-30CI

WALLS, ABOVE GRADE,
WOOD FRAMED AND OTHER:
R-13 + R-7.5CI

WALLS, BELOW GRADE,
BELOW-GRADE WALL:
R-7.5 CI

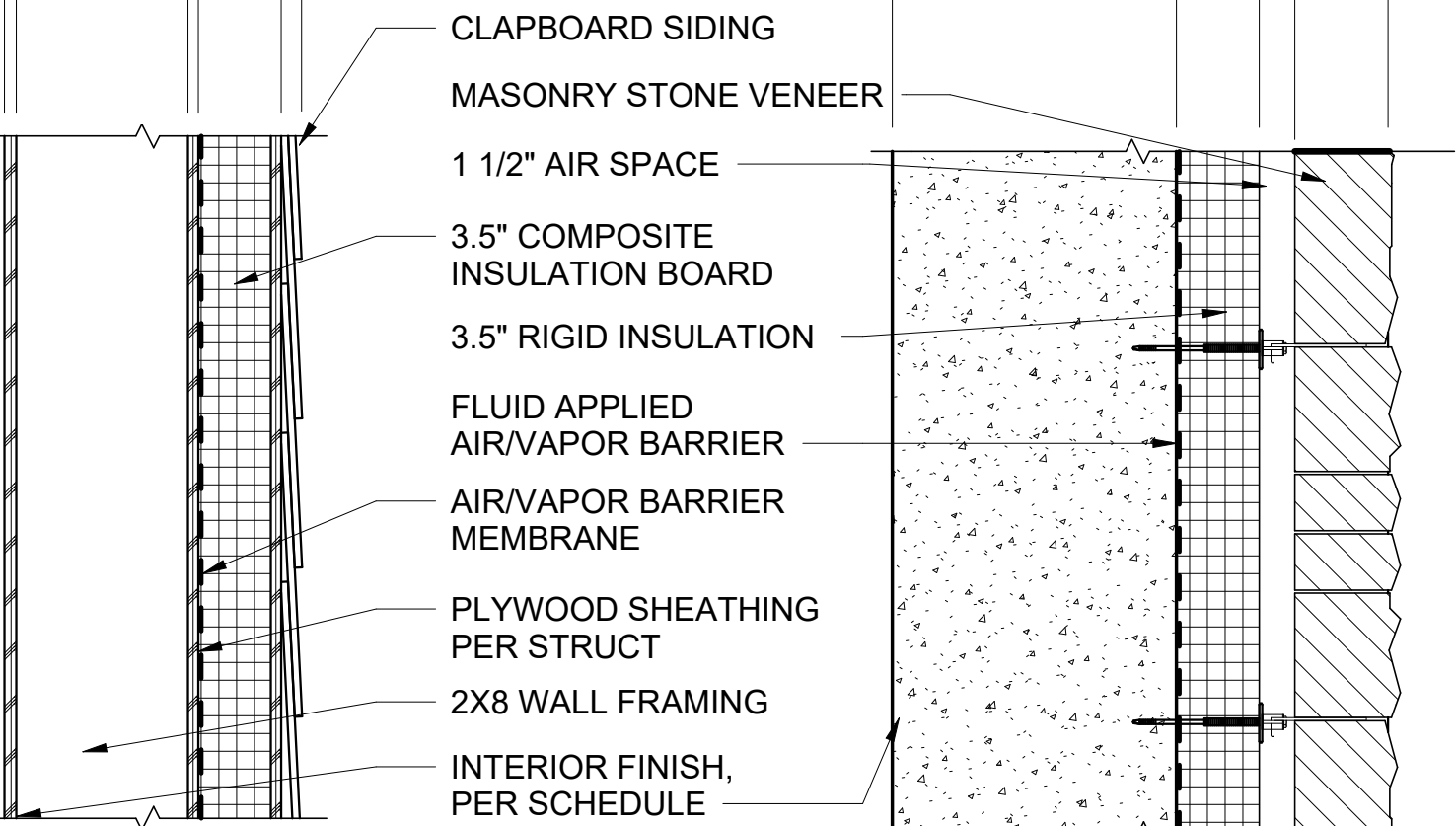
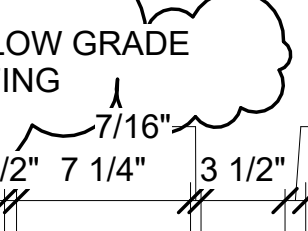
UNHEATED SLAB:
R-10 FOR 24" BELOW

HEATED SLAB:
R-15 FOR 36" BELOW

2X4 WD STUD FULL HGT
GYP BD EACH SIDE

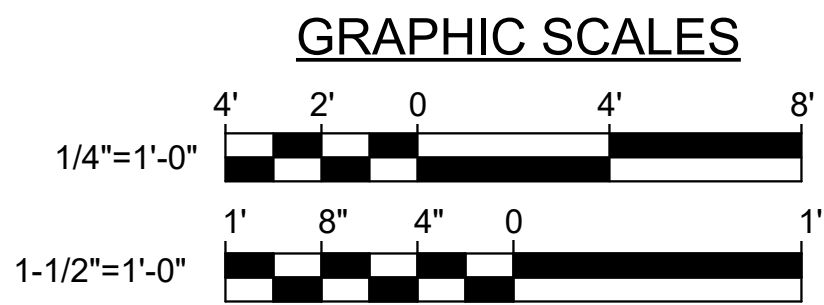
2X4 WD STUD FULL HGT
GYP BD ONE SIDE

NOTES:
1. SEE 3/AE101 AND 4/AE101 FOR EXTERIOR WALL TYPES.



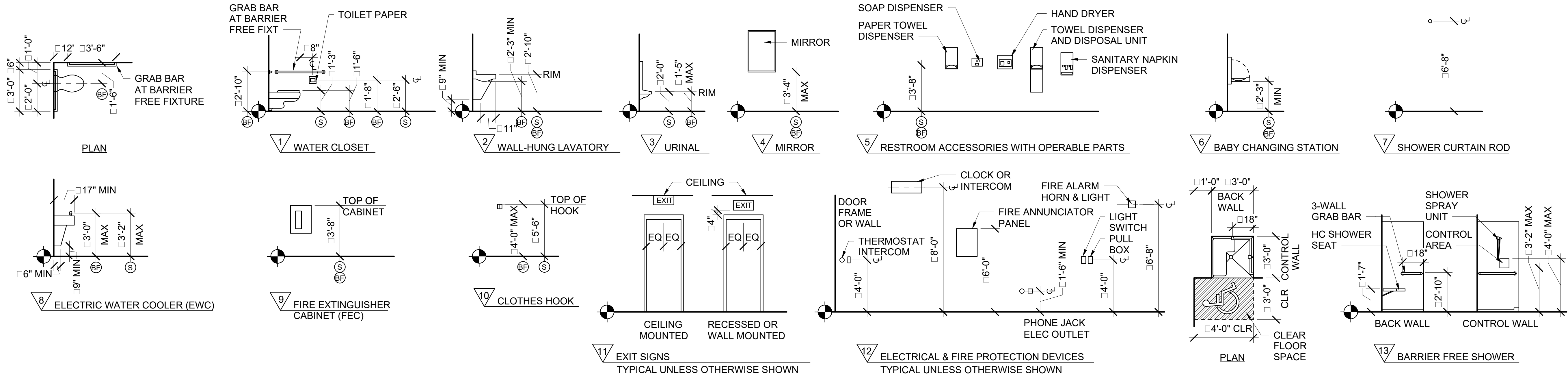
3 TYP. FRAMED WALL
AE101 SCALE: 1 1/2" = 1'-0"

4 TYP. CONC. WALL
AE101 SCALE: 1 1/2" = 1'-0"



CHECK GRAPHIC SCALES BEFORE USING

				DEPARTMENT OF INLAND FISHERIES & WILDLIFE			
DRAWN BY: MJD				TITLE: STORAGE BARN			
CHECK BY: CET				LOCATION: AUGUSTA, ME			
DATE: 01/29/2025				TITLE THIS DWG: FLOOR PLANS AND WALL TYPES			
REVISIONS				OAK POINT ASSOCIATES			
NO. DATE DESCRIPTION BY				DRAWING NO. AE101			
6 03/13/2025 ADDENDUM NO.6 HMG				SHEET NO. 18 OF 48			



- NOTES:**
- COORDINATE BLOCKING LOCATIONS W/ ACCESSORY ITEMS.
 - SEE AE420 FOR MOUNTING HEIGHTS AND ACCESSORY SCHEDULE.
 - SEE SHEET AE601 FOR DOOR SCHEDULE AND TYPES.
 - SEE SHEET AE740 FOR ROOM FINISH SCHEDULE.

ABBREVIATIONS		LEGEND	
PT DISP	PAPER TOWEL DISPENSER	Ⓢ	STANDARD MOUNTING HEIGHT
WC	WATER CLOSET	Ⓟ	BARRIER FREE ADULT MOUNTING HEIGHT
EA	EACH	⬇	FINISH FLOOR LINE
BF OR ⬇	BARRIER FREE		
VIF	VERIFY IN FIELD		
BOD	BASIS OF DESIGN		
BE	BENCH		
IRWC	IMPACT RESISTANT WALL COVERING		

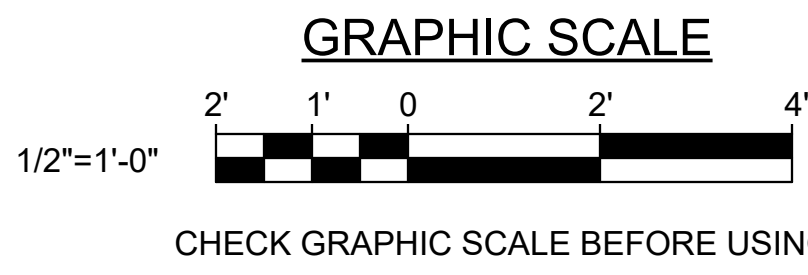
RESTROOM ACCESSORY SCHEDULE		
LTR	ITEM	COMMENTS
A	TOILET TISSUE DISPENSER	BOBRICK, B4288
B	RECESSED CONVERTIBLE AUTO ROLL TOWEL DISPENSER / WASTE RECEPTACLE	BOBRICK, B3974
C	AUTOMATIC SOAP DISPENSER (WALL...)	BOBRICK, B-2012
D	NOT USED	
E	1 1/2" DIAMETER GRAB BAR	
F	MIRROR 24X42	BOBRICK B-290 GLASS MIRROR WITH SS ANGLE FRAME
H	SHOWER CURTAIN WITH ROD	BOBRICK B-6107 AND 204-2
I	HC SHOWER GRAB BAR	INCLUDED IN SHOWER SPECIFICATION
J	HC SHOWER SEAT	INCLUDED IN SHOWER SPECIFICATION
K	CLOTHES HOOK	BOBRICK B-76727 SURFACE-MOUNTED DOUBLE ROBE HOOK

1 TOILET 103 ENLARGED FLOOR PLAN
AE101 AE420 SCALE: 1/2" = 1'-0"

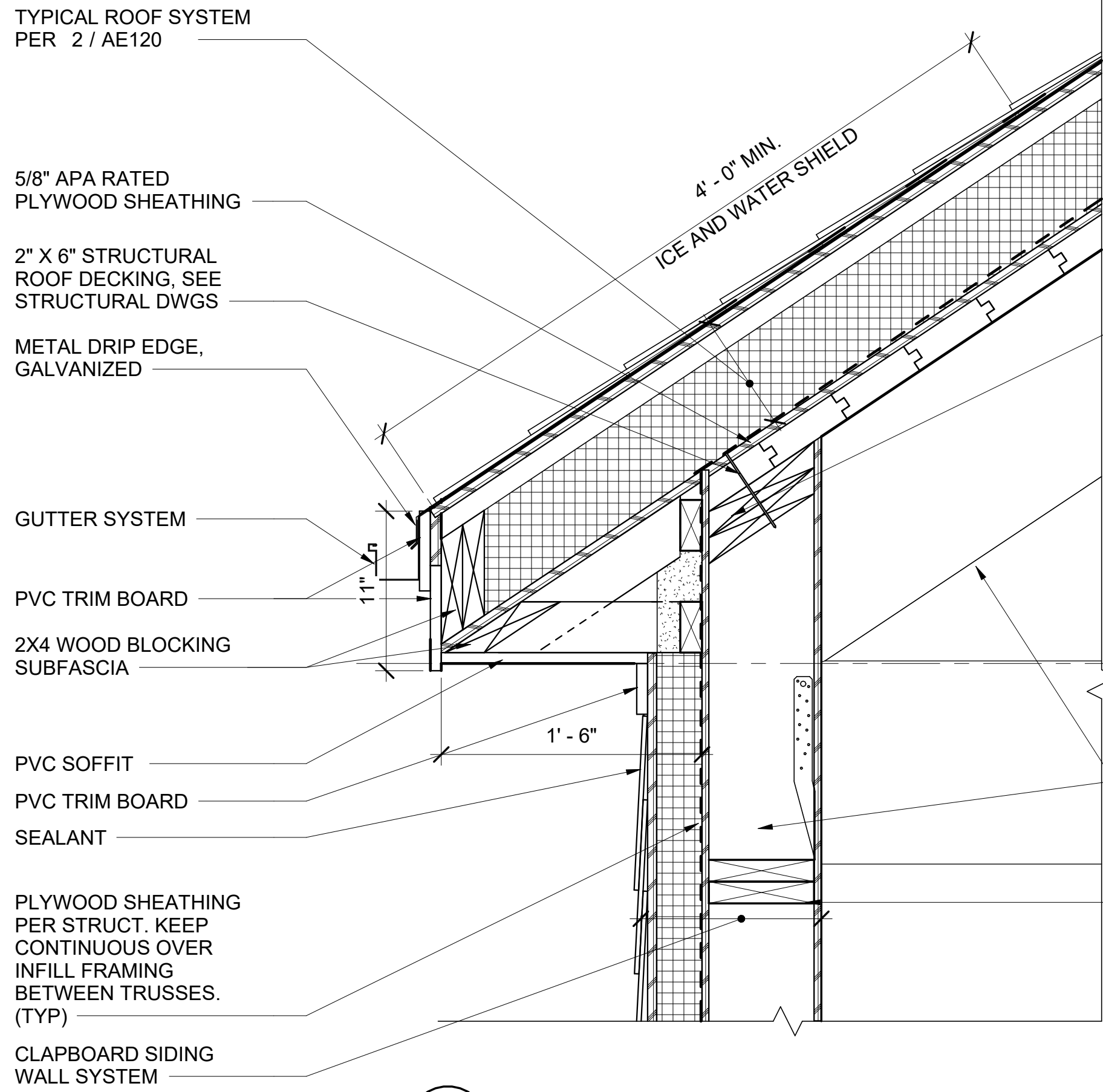
2 TOILET 003 NORTH ELEVATION
AE101 AE420 SCALE: 1/2" = 1'-0"

3 TOILET 003 EAST ELEVATION
AE101 AE420 SCALE: 1/2" = 1'-0"

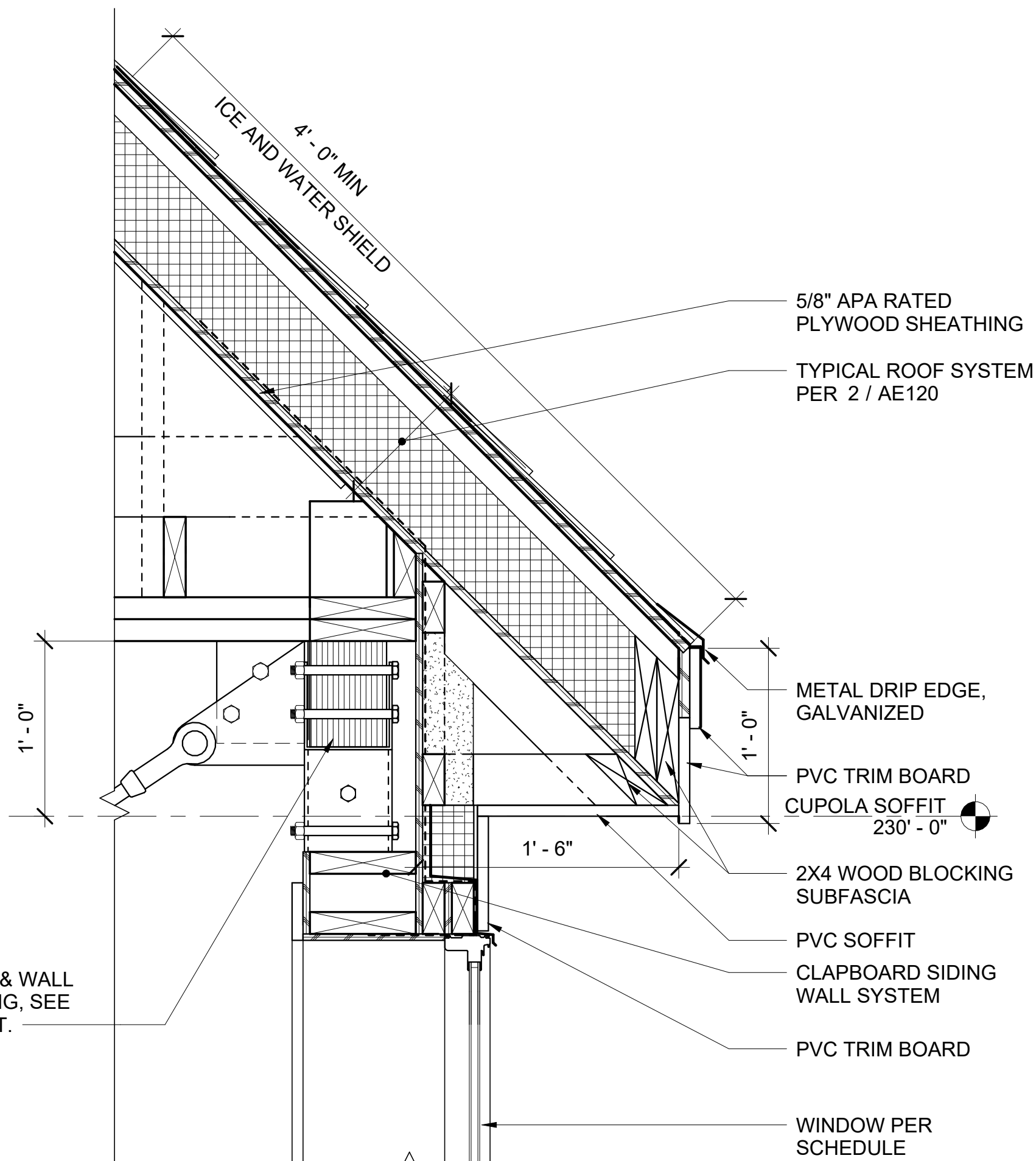
4 TOILET 003 SOUTH ELEVATION
AE101 AE420 SCALE: 1/2" = 1'-0"



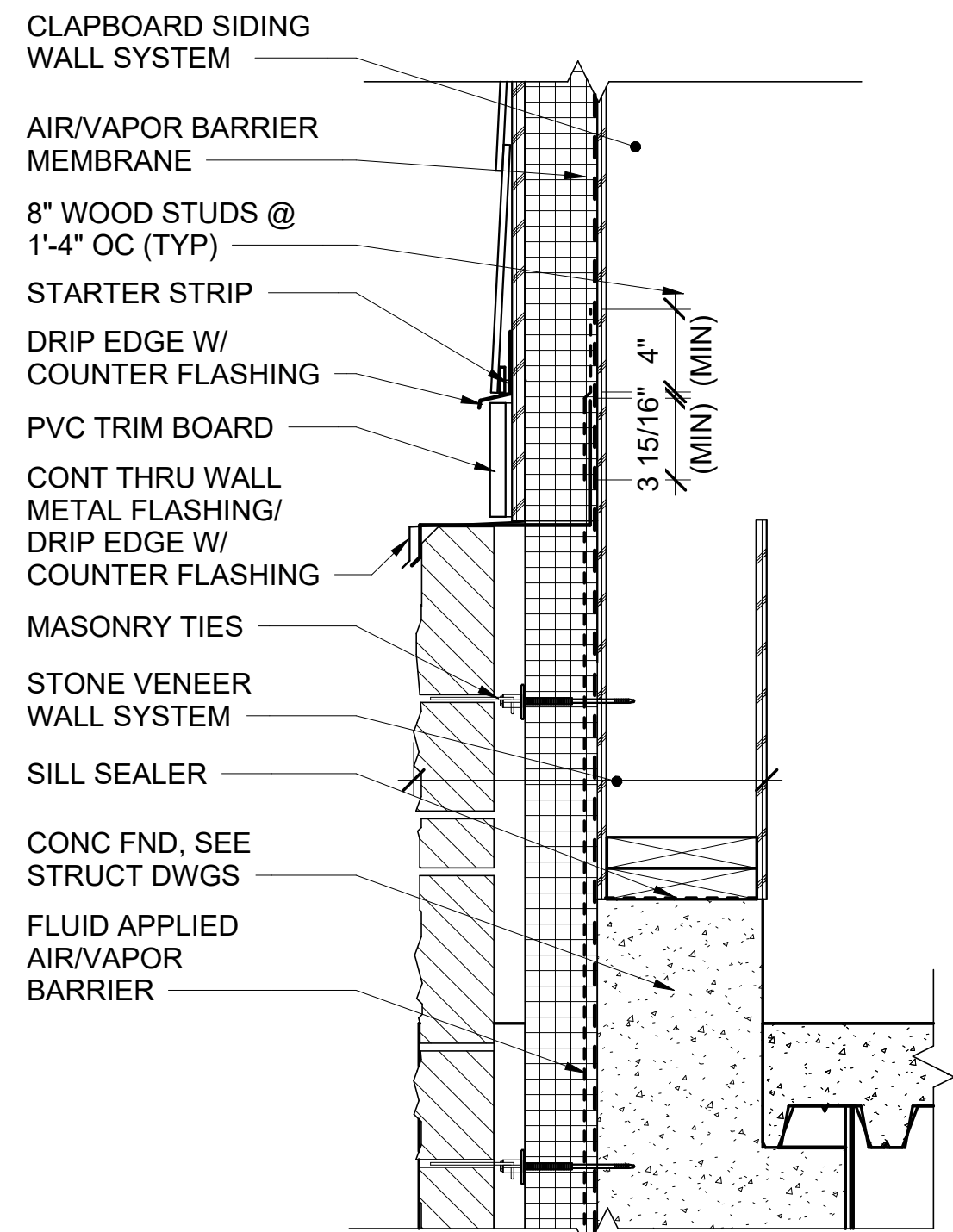
						DEPARTMENT OF INLAND FISHERIES & WILDLIFE			
						TITLE: STORAGE BARN			
						LOCATION: AUGUSTA, ME			
						TITLE THIS DWG: MOUNTING HEIGHTS, RESTROOM ENLARGED PLAN AND INTERIOR ELEVATIONS			
						OAK POINT ASSOCIATES AE420			
						DRAWING NO. 24 OF 48			
						DRAWN BY: MJD			
						CHECK BY: CET			
						NO. DATE DESCRIPTION BY			
						REVISIONS			
						DATE 01/29/2025			
						231 Main Street, Biddeford, Maine 04005 207.283.9192			



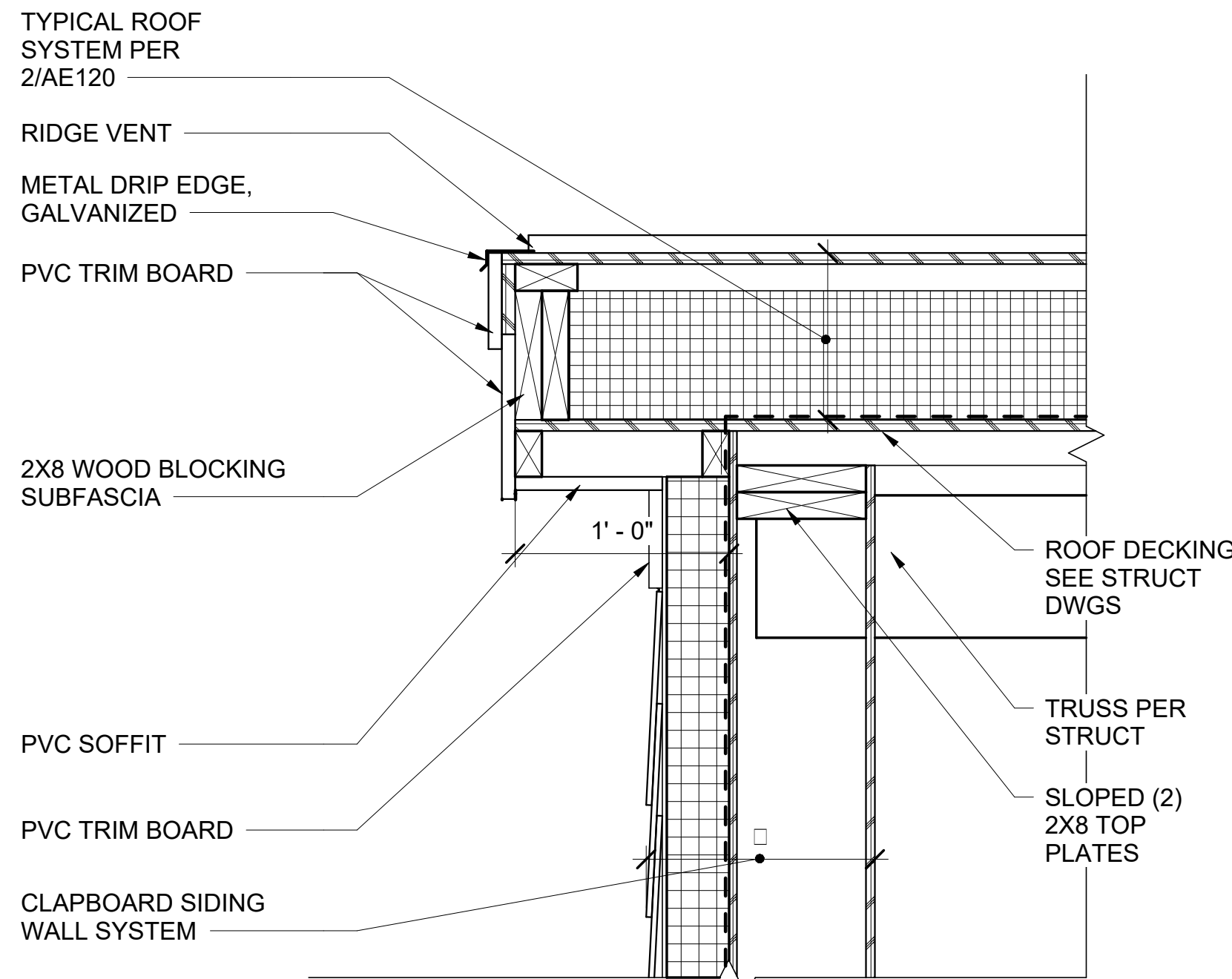
1 DETAIL @ EAVE AND SOFFIT
AE301/AE501 SCALE: 1 1/2" = 1'-0"



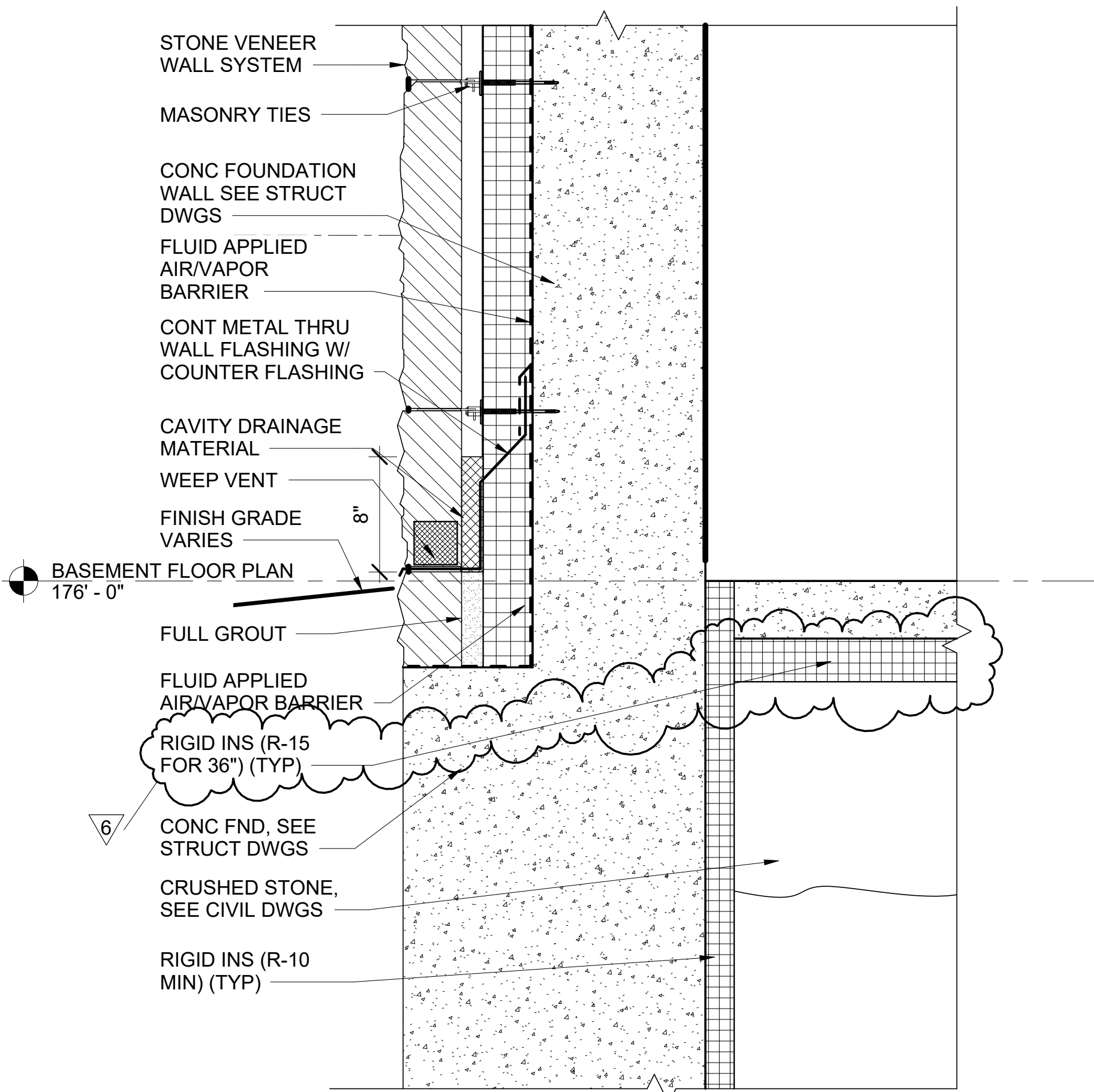
2 DETAIL @ CUPOLA EAVE
AE301/AE501 SCALE: 1 1/2" = 1'-0"



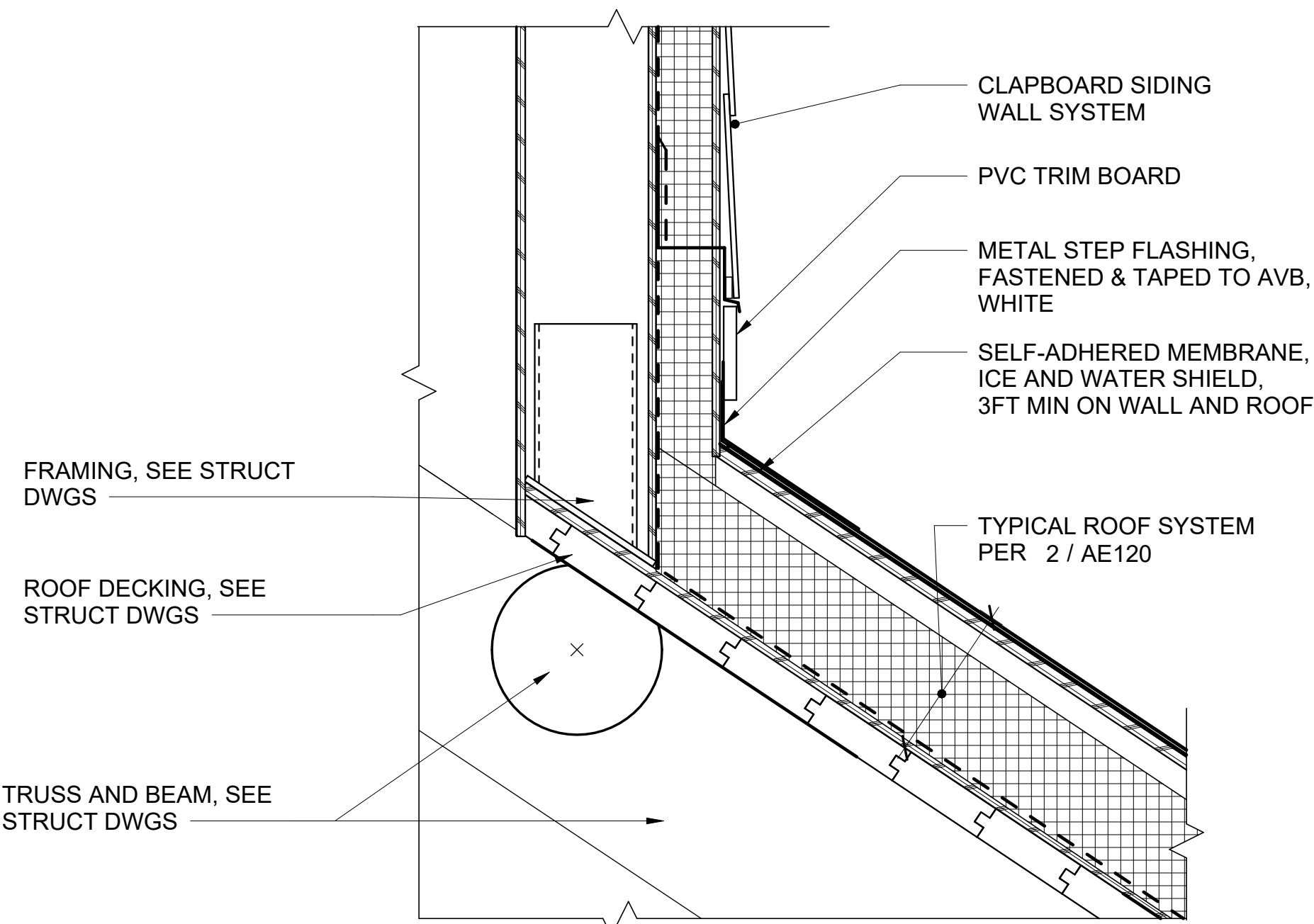
3 CLAPBOARD TO MASONRY TRANSITION
AE301/AE501 SCALE: 1 1/2" = 1'-0"



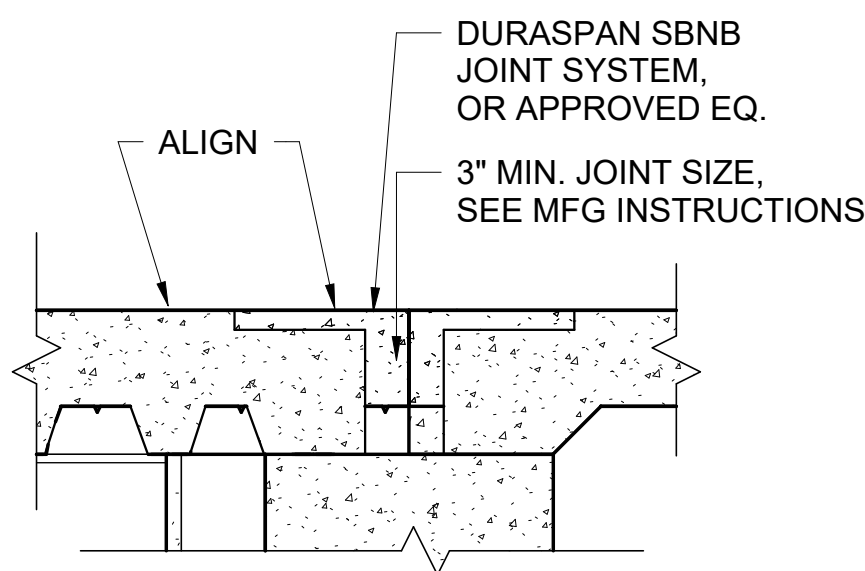
4 DETAIL @ RAKE
AE301/AE501 SCALE: 1 1/2" = 1'-0"



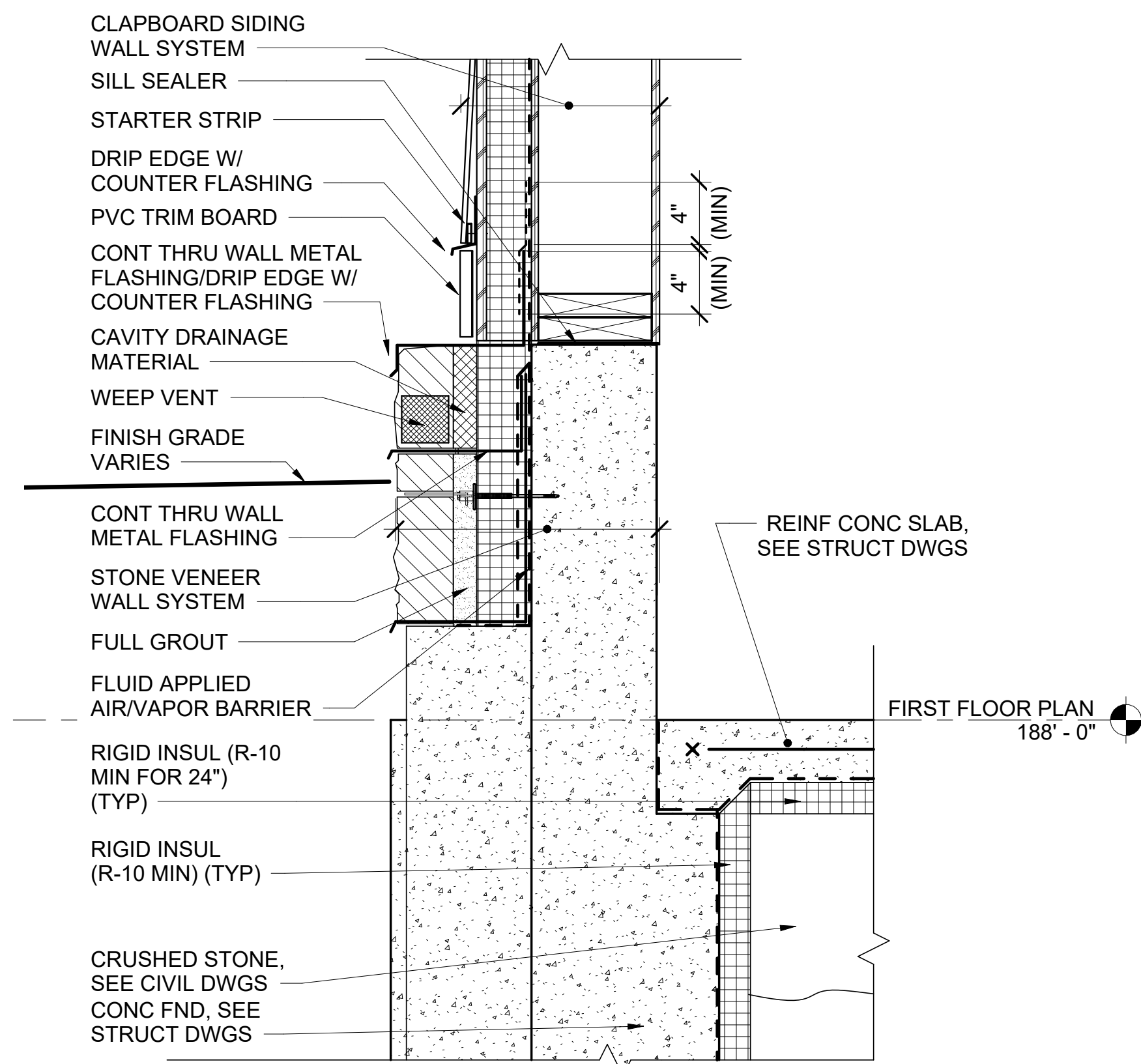
5 DETAIL @ BASE OF WALL STONE VENEER
AE301/AE501 SCALE: 1 1/2" = 1'-0"



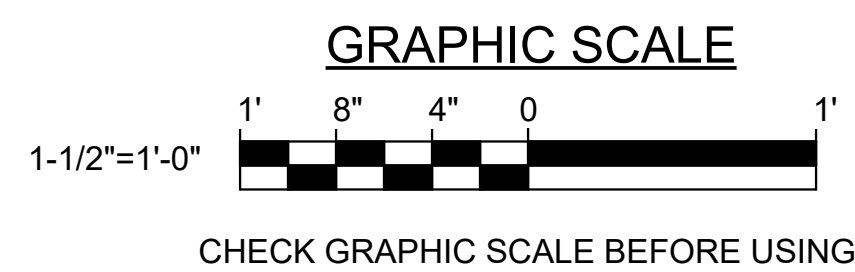
6 DETAIL @ CUPOLA TO ROOF
AE301/AE501 SCALE: 1 1/2" = 1'-0"



7 DETAIL AT FLOOR EXPANSION JOINT
AE301/AE501 SCALE: 1 1/2" = 1'-0"



8 DETAIL @ BASE OF WALL
AE301/AE501 SCALE: 1 1/2" = 1'-0"



CHECK GRAPHIC SCALE BEFORE USING

				DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
TYLER FISHER 17295 STATE OF MAINE				TITLE: STORAGE BARN	
				LOCATION: AUGUSTA, ME	
				TITLE THIS DWG: TYP ROOF DETAILS, FOUNDATION DETAILS AND SIDING DETAILS	
				DRAWN BY: MJD	
				CHECK BY: CET	
				HMG	
				NO.	
				DATE	
				DESCRIPTION	
				DATE: 01/29/2025	
				25 OF 48	

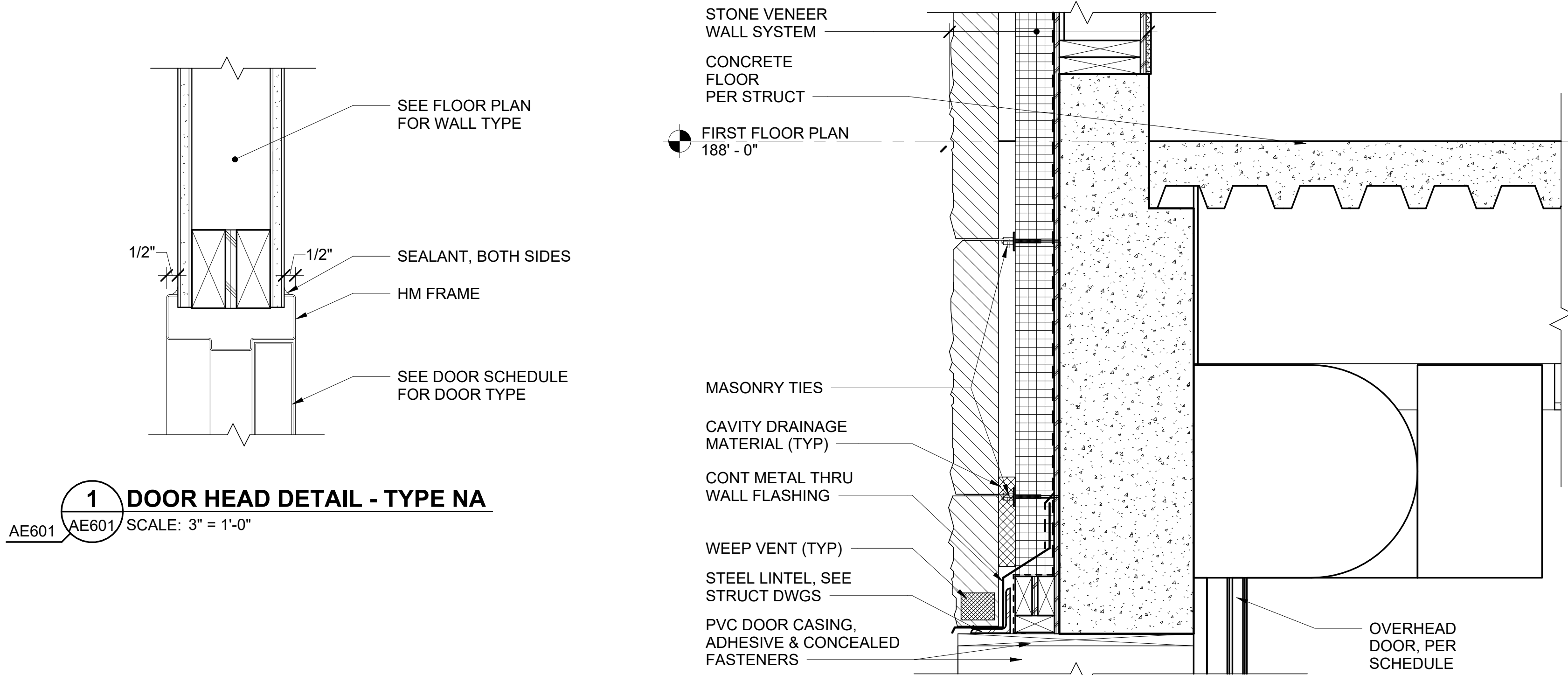
DOOR SCHEDULE																
NO.	DOOR						HARDWARE TYPE	FRAME			HEAD	DETAILS		FIRE RATING	NOTES	DOOR SHADES
	WIDTH	HEIGHT	THICKNESS	TYPE	MAT	FINISH		TYPE	MAT	FINISH		JAMB	SILL			
001	3' - 0"	7' - 0"	1 3/4"	D	HM	PNT	EH-3	1	HM	PNT	7/AE601	8/AE601	9/AE601	4		
001A	10' - 0"	8' - 4"	2"	B	STL	GALV	EH-5	3	STL	GALV	4/AE601	5/AE601	6/AE601	2,3		
001B	3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-5A	2	HM	PNT	1/AE601	2/AE601	3/AE601	1		
002	3' - 0"	7' - 0"	1 3/4"	D	HM	PNT	EH-3	1	HM	PNT	7/AE601	8/AE601	9/AE601	4		
002A	12' - 0"	8' - 4"	2"	B1	STL	GALV	EH-5	3A	STL	GALV	4/AE601	5/AE601	6/AE601	2,3		
002B	3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-5A	2	HM	PNT	1/AE601	2/AE601	3/AE601	1		
003	3' - 0"	7' - 0"	1 3/4"	A	HM	PNT	HW-2	2	HM	PNT	1/AE601	2/AE601	3/AE601	1		
004	3' - 0"	7' - 0"	1 3/4"	D	HM	PNT	EH-3	1	HM	PNT	7/AE601	8/AE601	9/AE601	4		
004A	12' - 0"	8' - 4"	2"	B1	STL	GALV	EH-5	3A	STL	GALV	4/AE601	5/AE601	6/AE601	2,3		
101A	16' - 0"	9' - 6"	2"	C	WD	PNT	EH-5	4	WD	PNT	1/AE602	2/AE602, 3/AE602	-	3,6		
101B	3' - 0"	7' - 0"	1 3/4"	D	HM	HPC	EH-3	5	HM	PNT	10/AE601	11/AE601	9/AE601	4		
101C	16' - 0"	9' - 6"	2"	C	WD	PNT	EH-5	4	WD	PNT	1/AE602	2/AE602, 3/AE602	-	3,6		
101D	3' - 0"	7' - 0"	1 3/4"	D	HM	HPC	EH-3	5	HM	PNT	10/AE601	11/AE601	9/AE601	4		

DOOR SCHEDULE LEGEND:

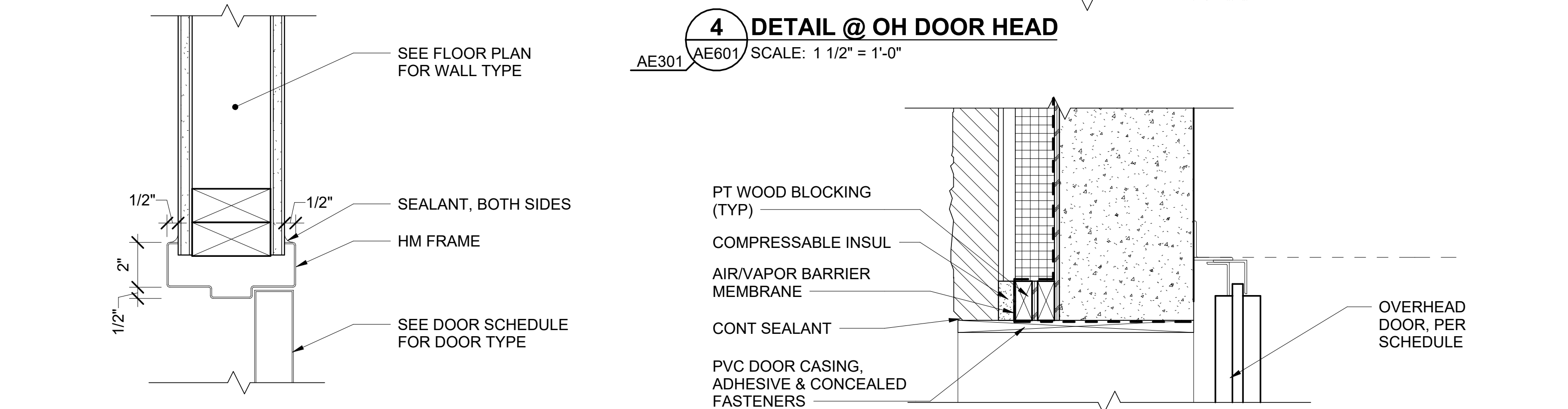
ALUM = ALUMINUM
GALV = GALVANIZED
HM = HOLLOW METAL
HPC = HIGH PERFORMANCE COATING
NAT = NATURAL FINISH
PNT = PAINT
SS = STAINLESS STEEL
STL = STEEL
WD = WOOD

DOOR SCHEDULE NOTES:

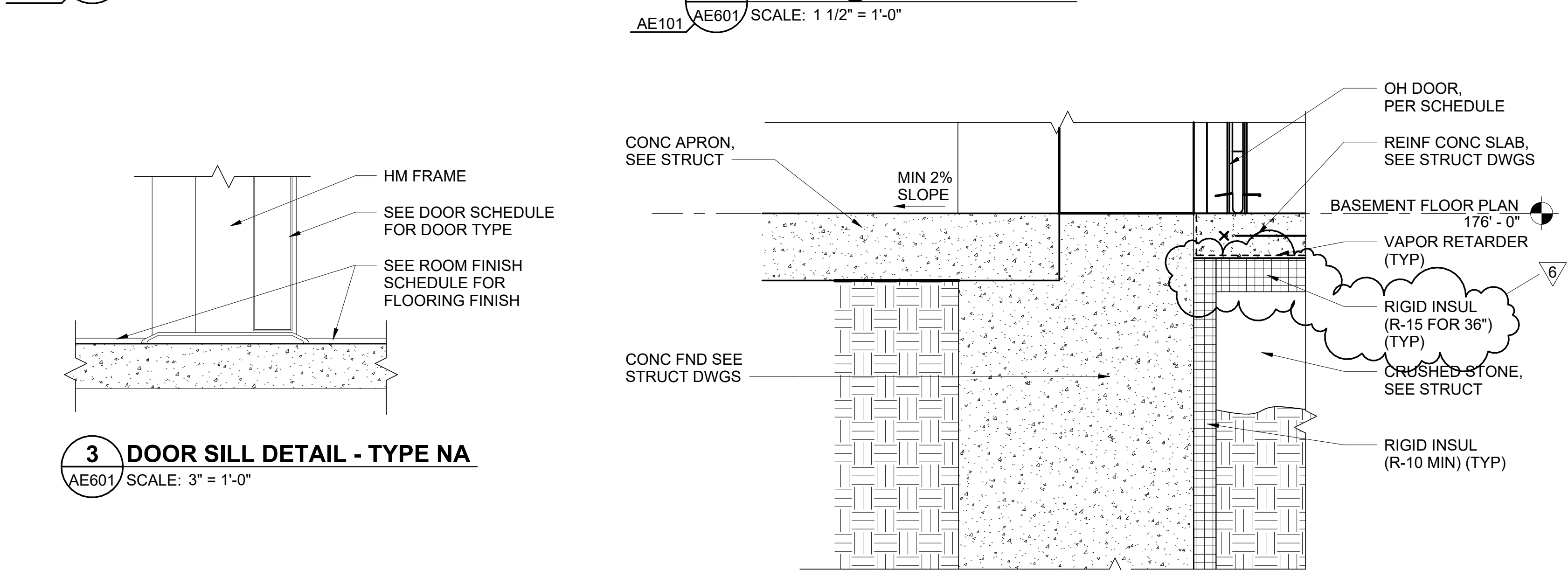
- UNDERCUT DOOR 3/4".
- INSULATED OVERHEAD DOOR(S). FINISH TO MATCH ADJACENT PASSAGE DOOR.
- PROVIDE POWERED DOOR OPENER.
- INSULATED PASSAGE DOOR.
- PROVIDE ELECTRIC LATCH RETRACTORS FOR USE IN BUILDING SECURITY SYSTEM.
- INSULATED OVERHEAD SECTIONAL DOOR(S).



1 DOOR HEAD DETAIL - TYPE NA
AE601/AE601 SCALE: 3" = 1'-0"



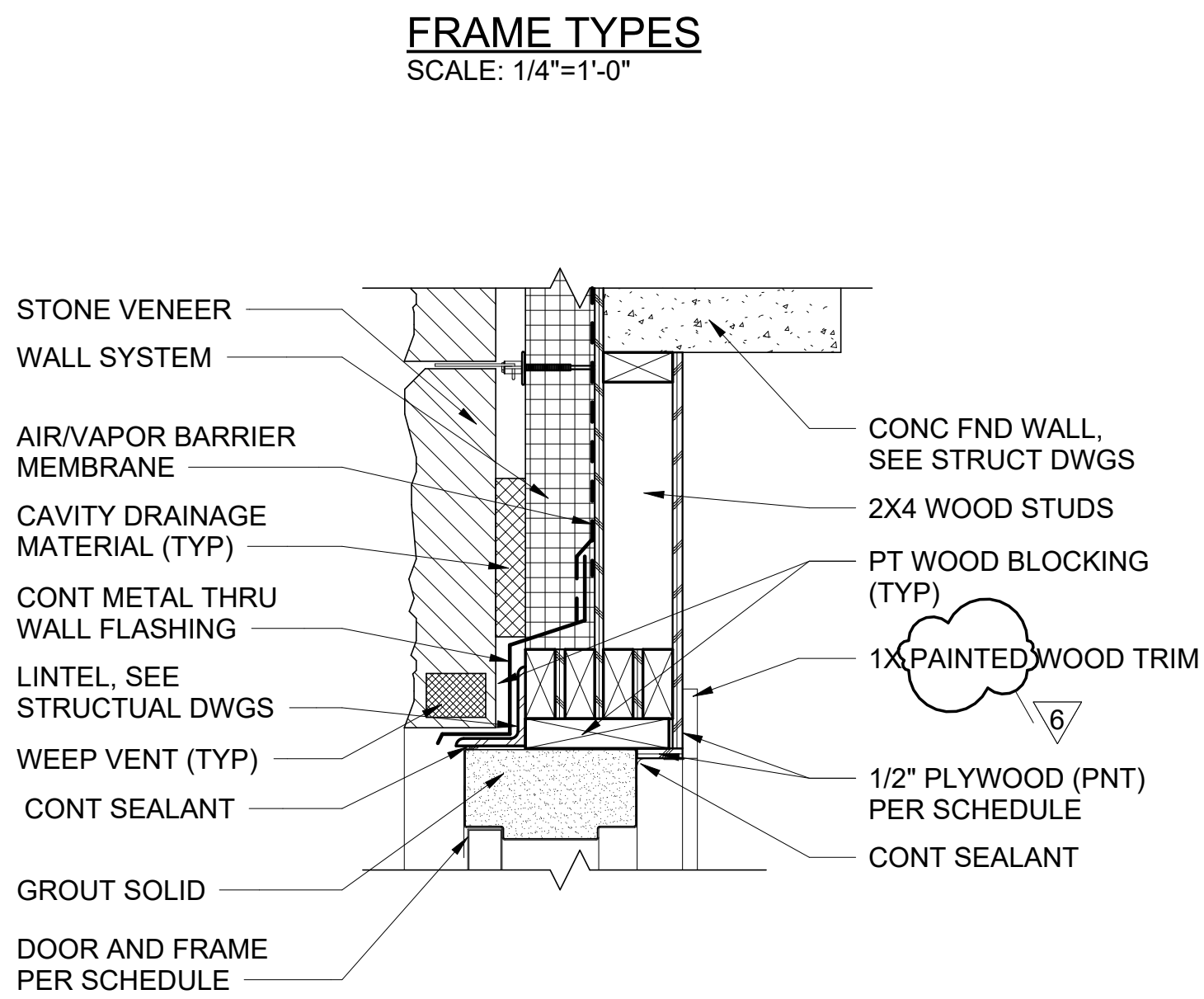
2 DOOR JAMB DETAIL - TYPE NA
AE601/AE601 SCALE: 3" = 1'-0"



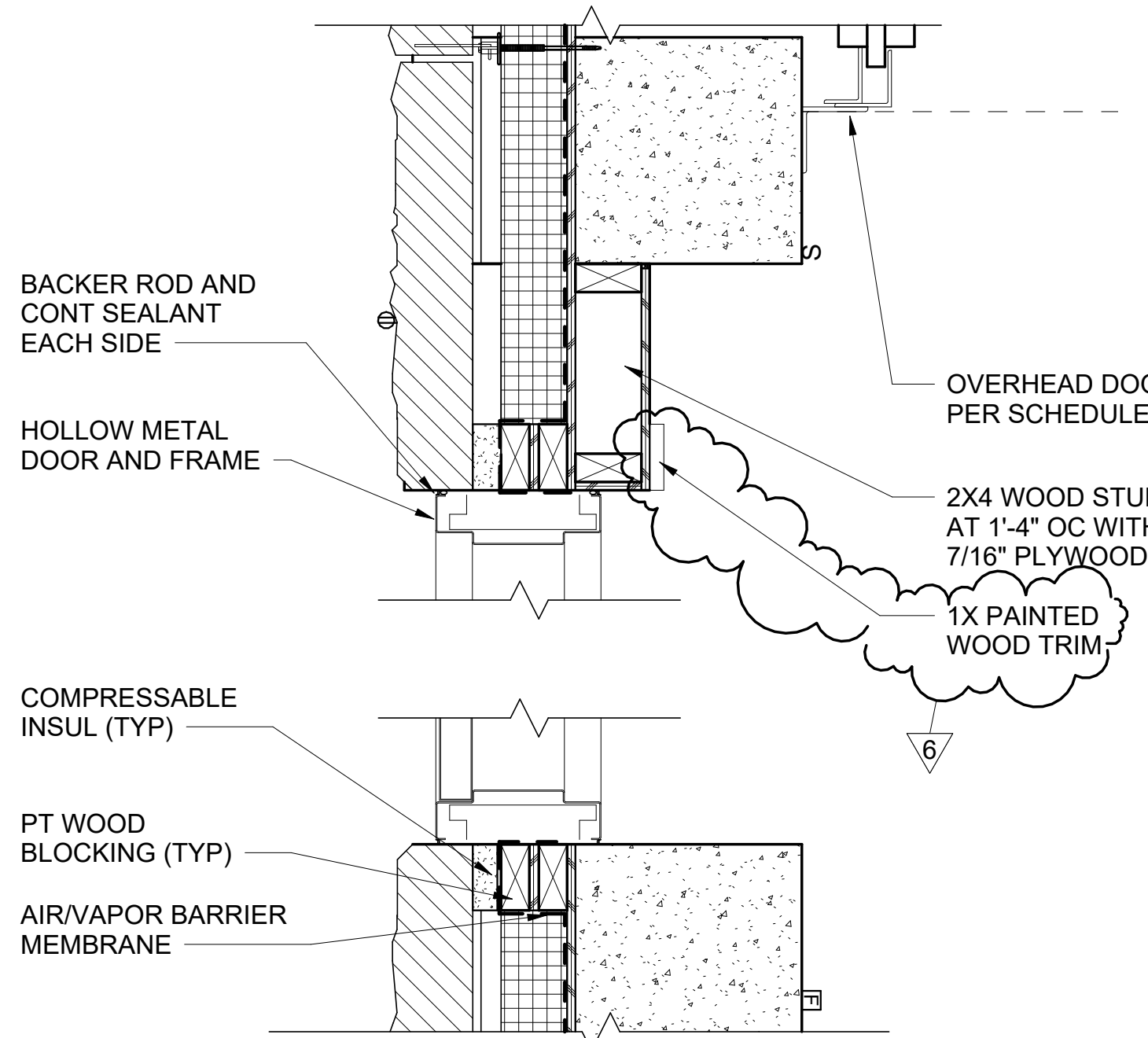
3 DOOR SILL DETAIL - TYPE NA
AE601/AE601 SCALE: 3" = 1'-0"



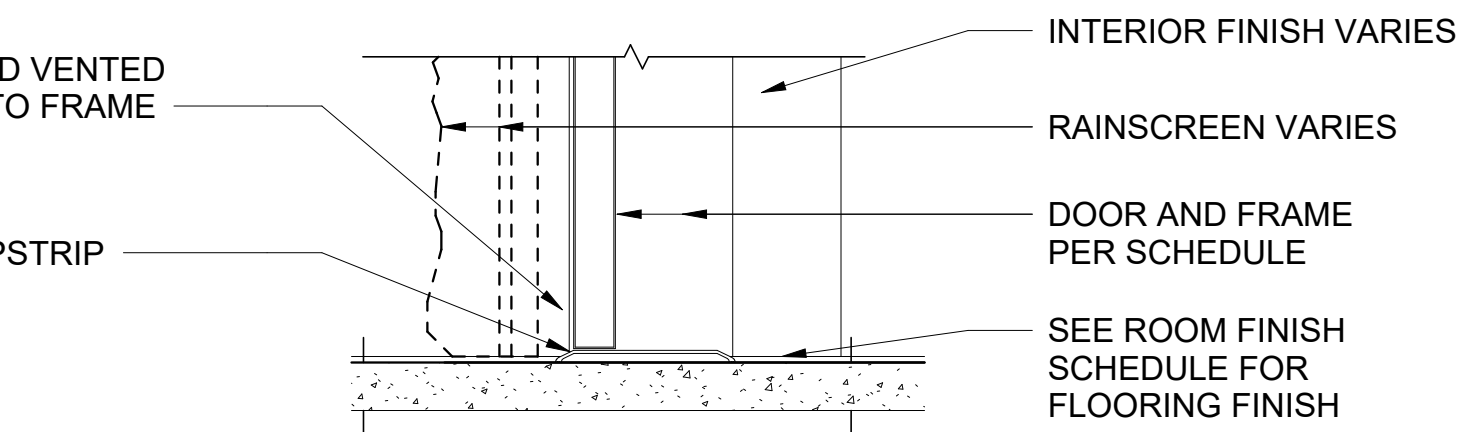
4 DETAIL @ OH DOOR SILL
AE601/AE601 SCALE: 1 1/2" = 1'-0"



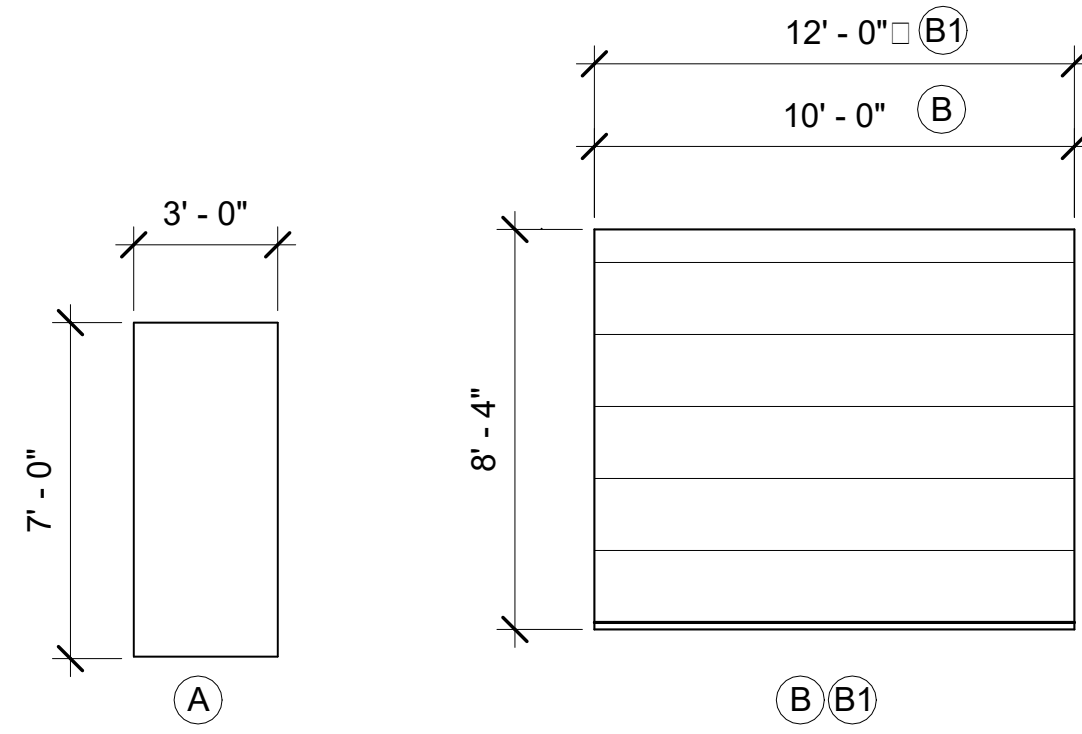
7 DOOR HEAD AT STONE VENEER
AE601/AE601 SCALE: 1 1/2" = 1'-0"



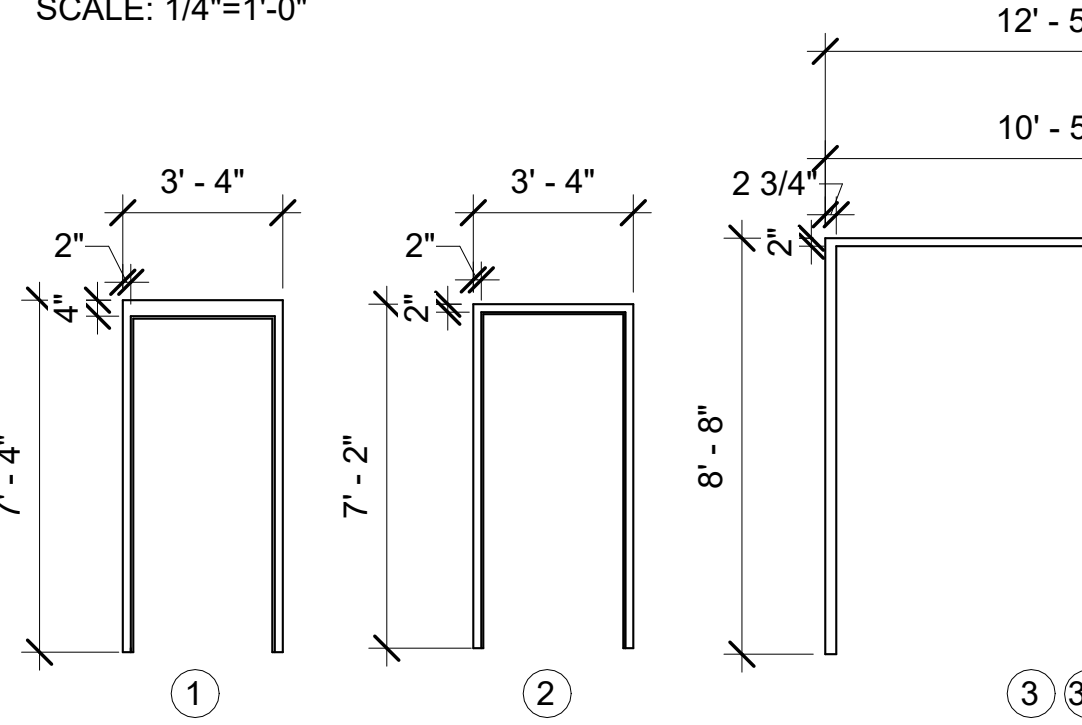
8 DETAIL AT DOOR JAMB
AE601/AE601 SCALE: 1 1/2" = 1'-0"



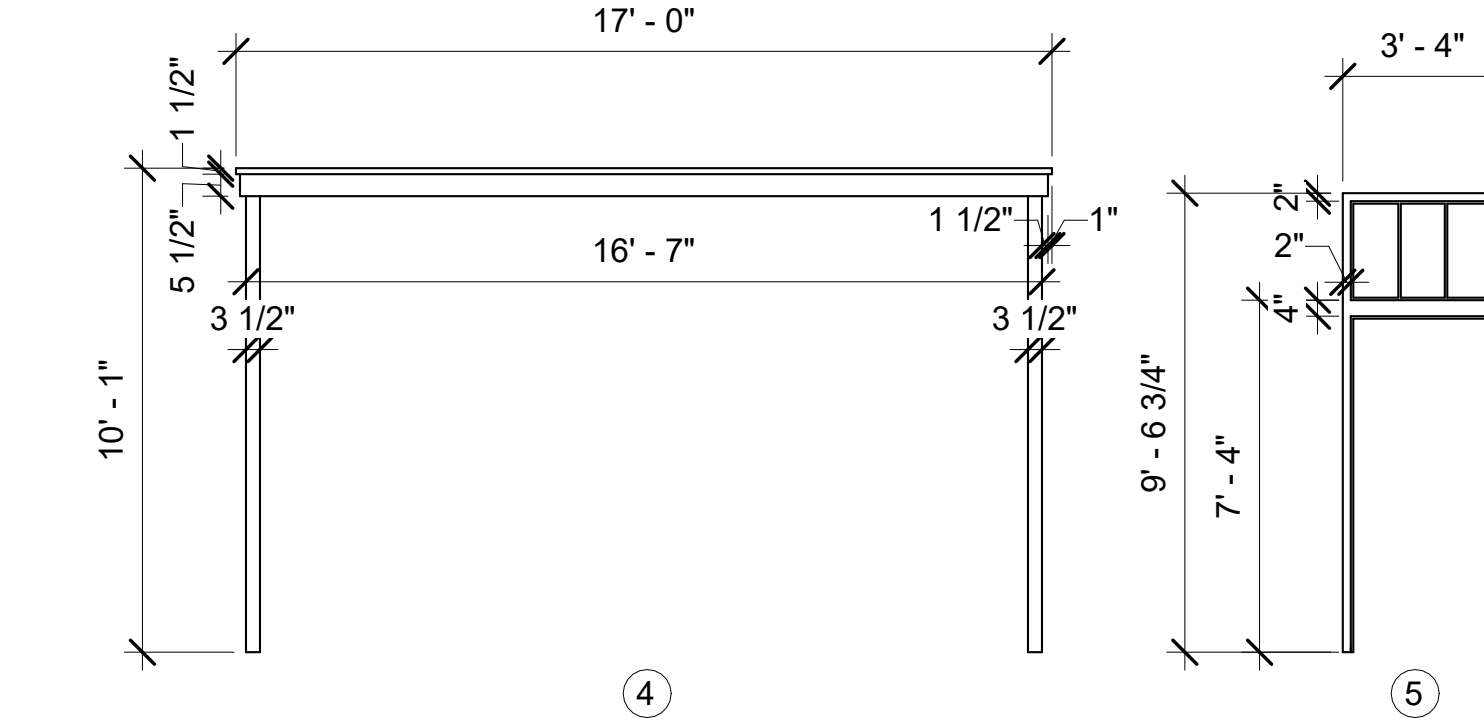
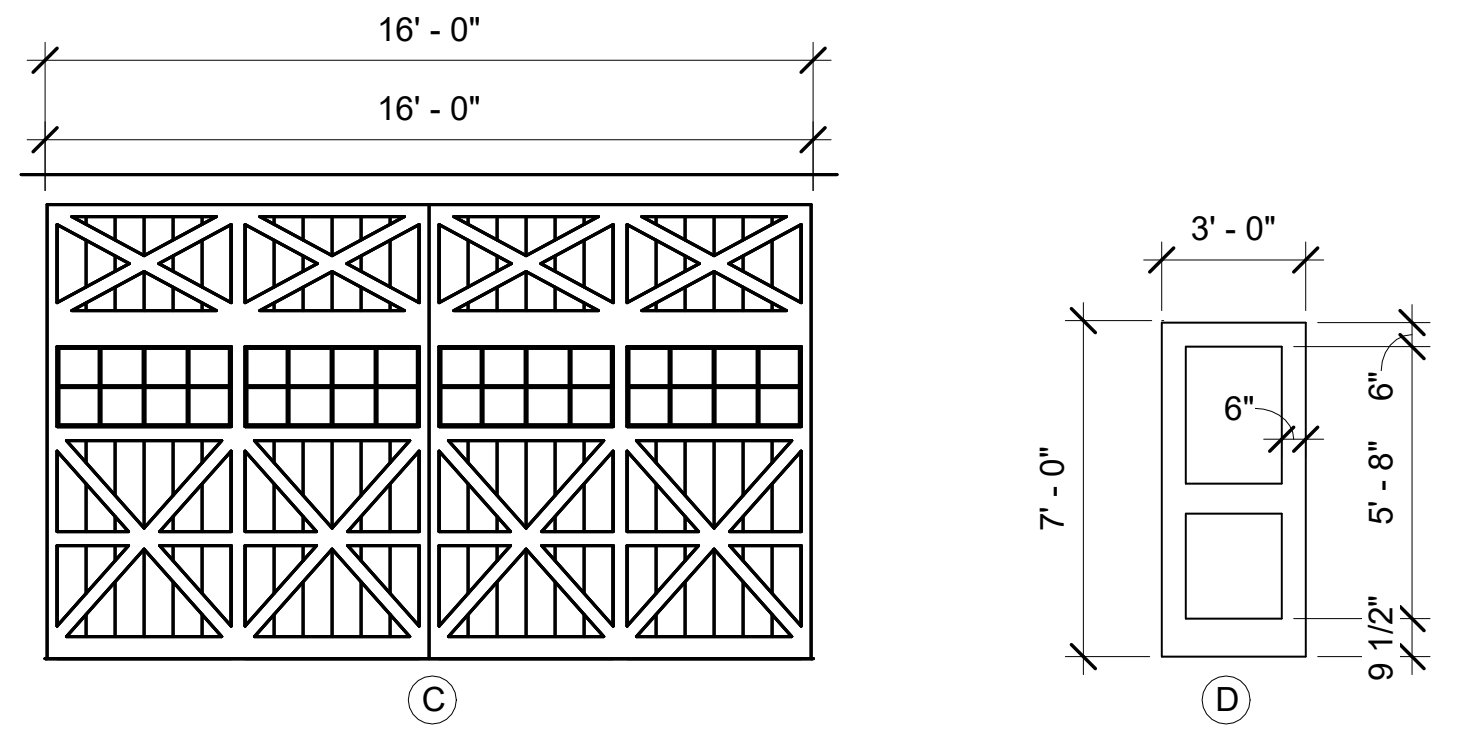
9 DOOR THRESHOLD DETAIL
AE601/AE601 SCALE: 1 1/2" = 1'-0"



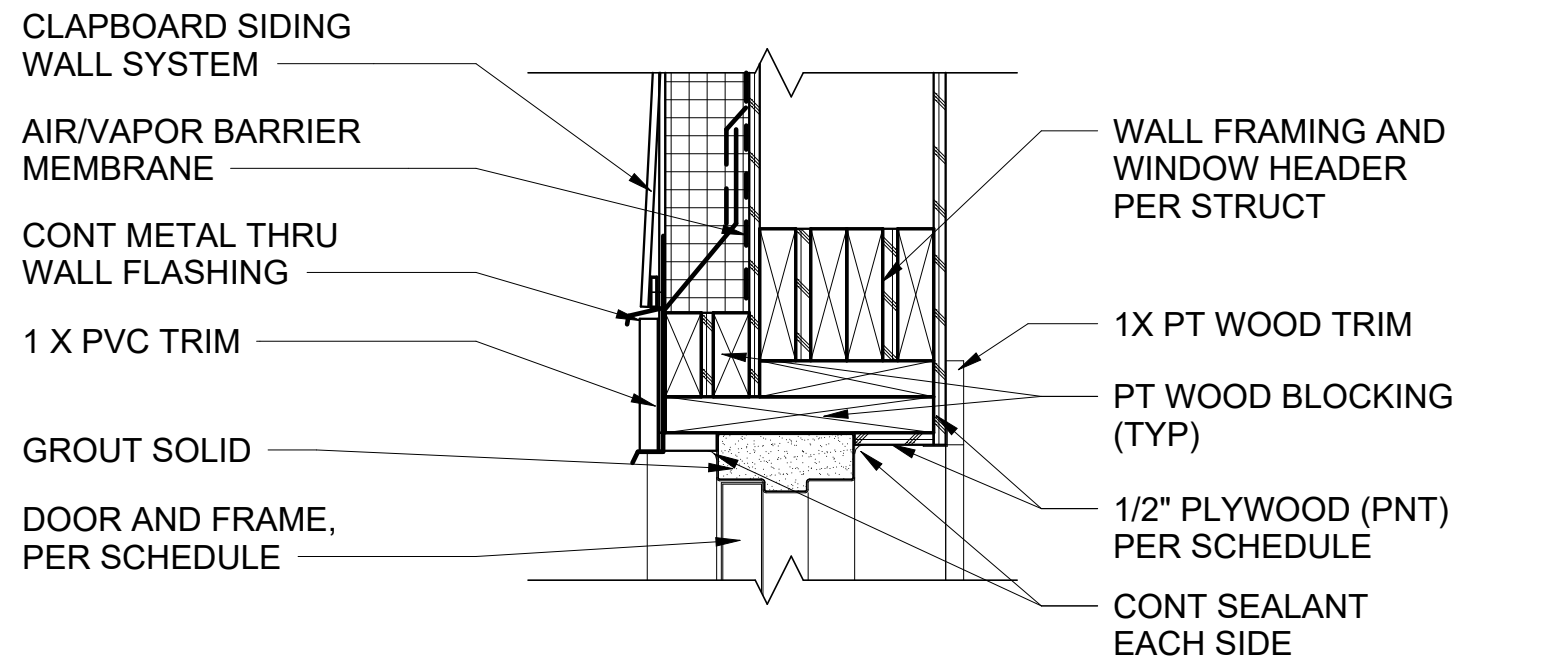
DOOR TYPES
SCALE: 1/4"=1'-0"



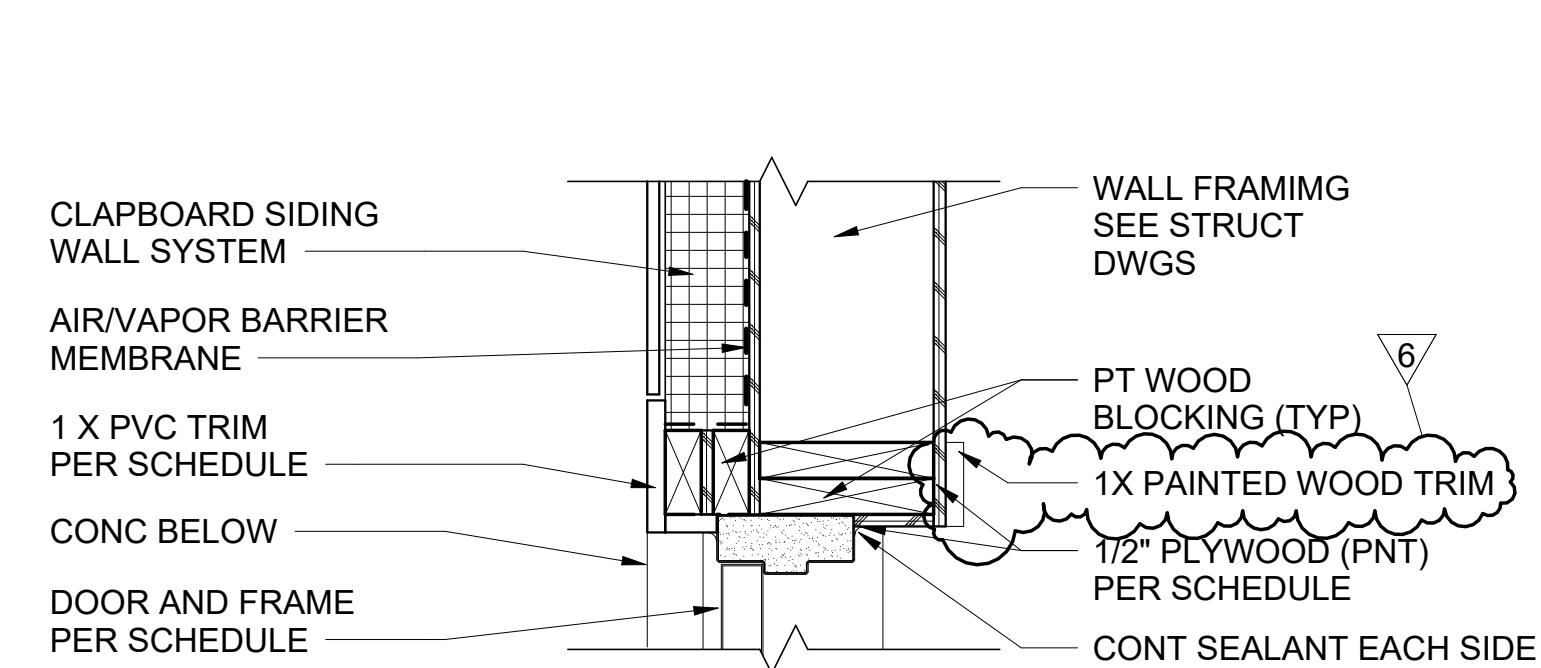
FRAME TYPES
SCALE: 1/4"=1'-0"



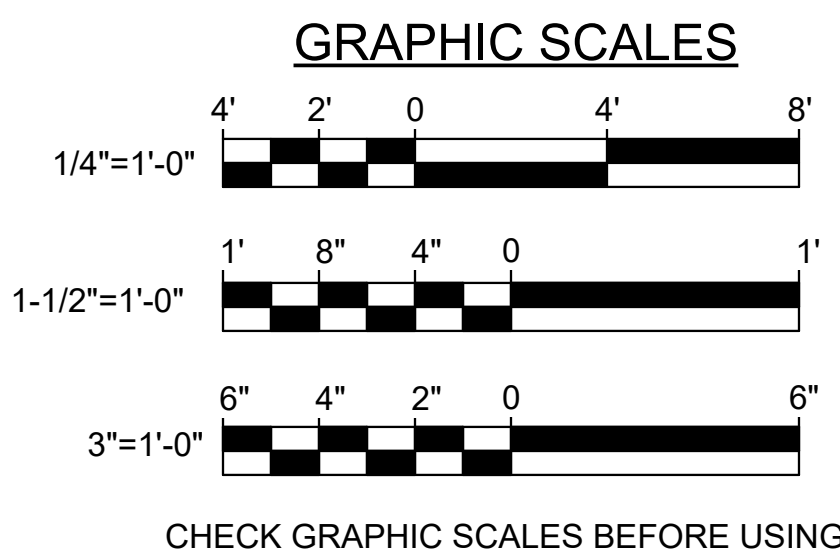
DOOR TYPES
SCALE: 1/4"=1'-0"



10 DOOR HEAD AT CLAPBOARD SIDING
AE601/AE601 SCALE: 1 1/2" = 1'-0"

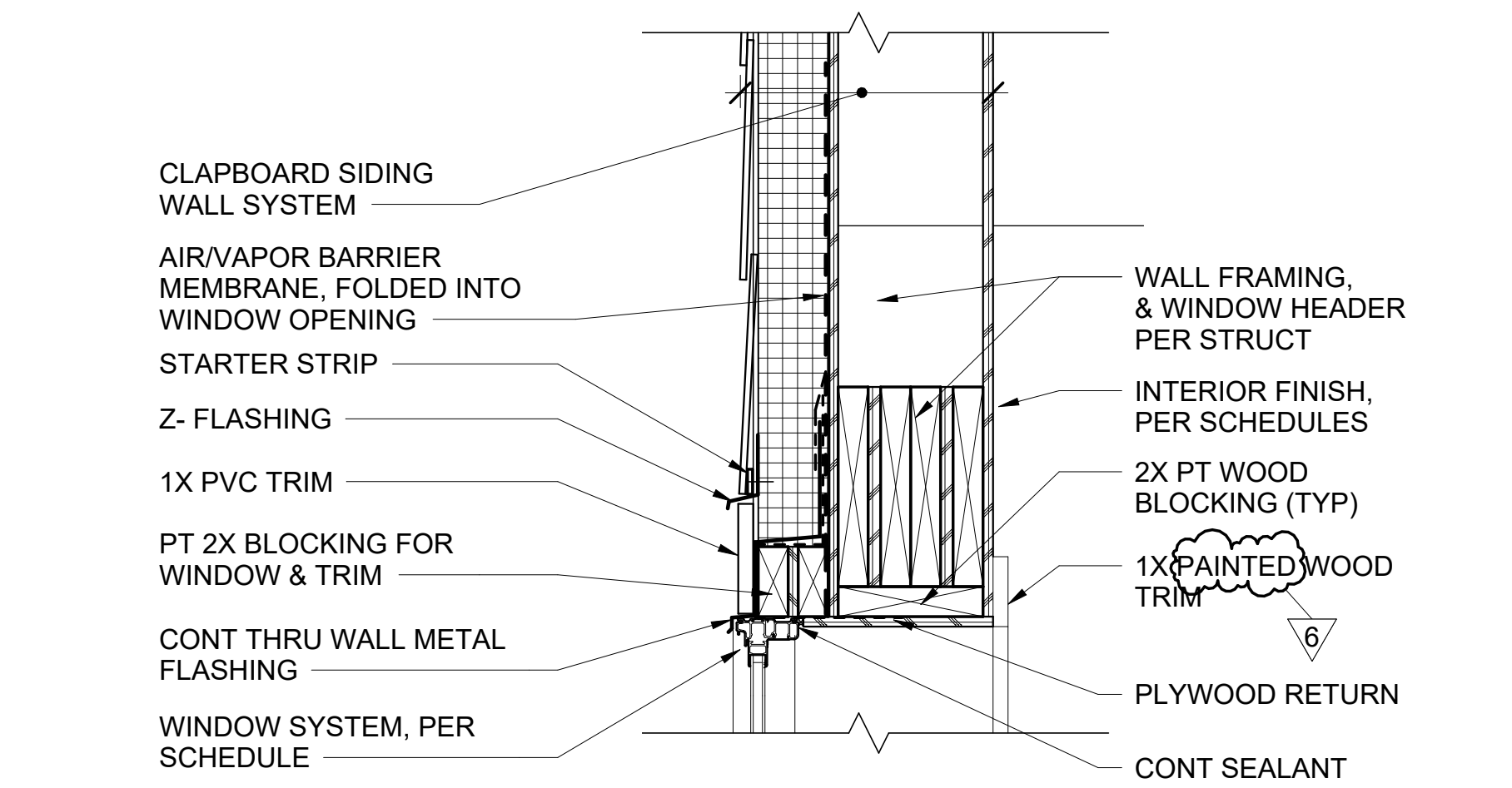


11 DOOR JAMB AT CLAPBOARD SIDING
AE601/AE601 SCALE: 1 1/2" = 1'-0"

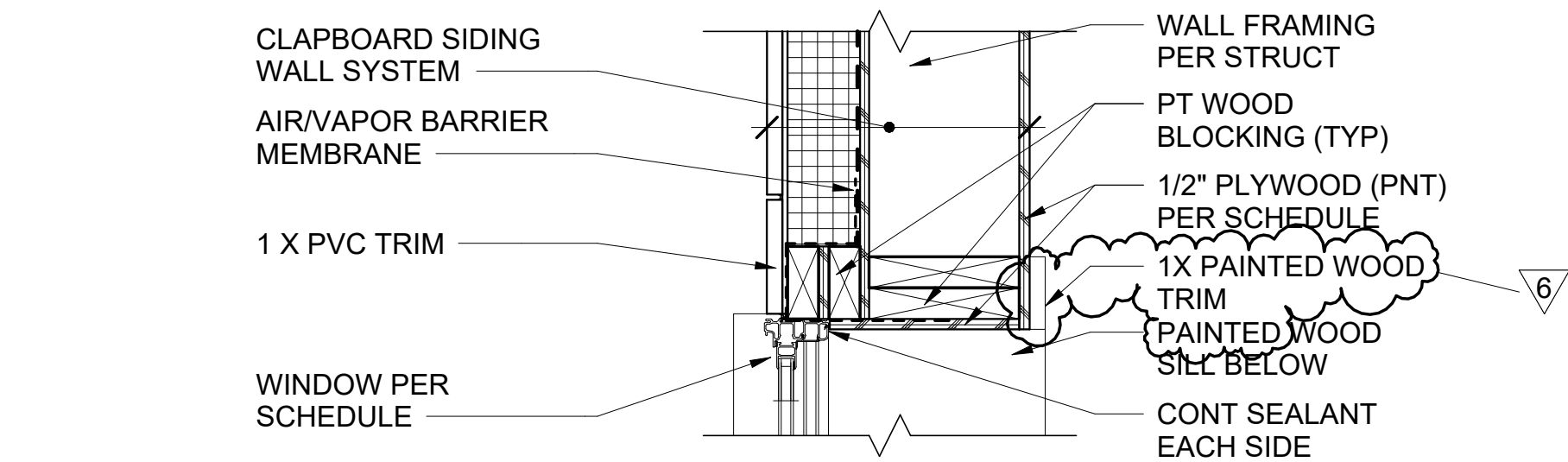


6 03/13/2025 ADDENDUM NO.6 HMG		DRAWN BY: MJD		DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
3 02/27/2025 ADDENDUM NO.3 HMG		CHECK BY: CET		TITLE: STORAGE BARN	
1 02/13/2025 ADDENDUM NO.1 HMG		NO.		LOCATION: AUGUSTA, ME	
NO. DATE DESCRIPTION BY		DATE: 01/29/2025		TITLE THIS DWG: DOOR SCHEDULE, TYPES, AND DETAILS	
REVISIONS				OAK POINT ASSOCIATES	
				DRAWING NO. AE601	
				SHEET NO.	
				26 OF 48	

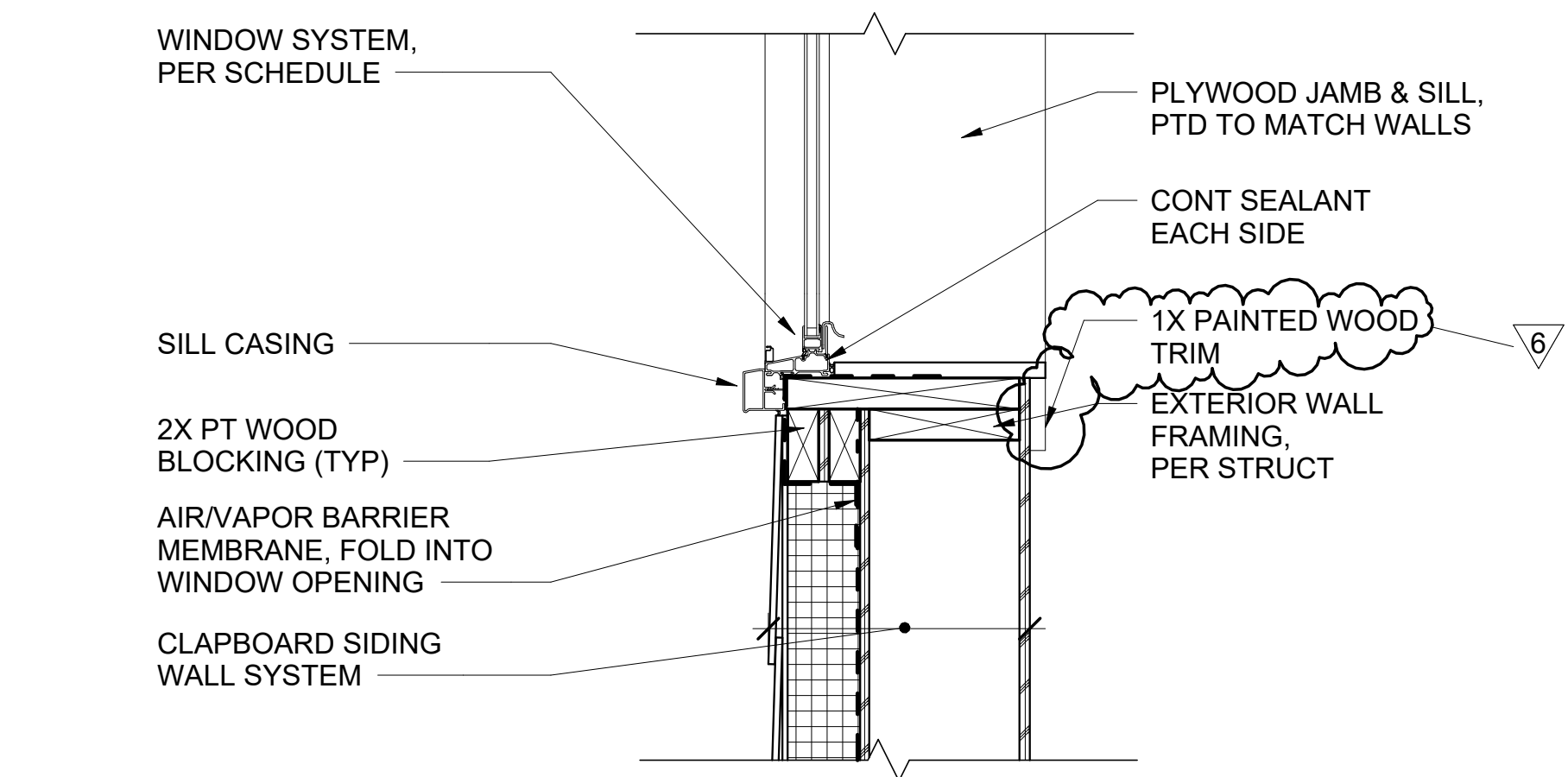
WINDOW SCHEDULE									
TYPE	MATERIAL				DETAILS			NOTES	
	WIDTH	HEIGHT	MAT	FINISH	HEAD	JAMB	SILL		
A	4'-10"	4'-0"	ALUM	HPC	1/AE620	2/AE620	3/AE620	FACTORY DOUBLE MULL: BASIS OF DESIGN, MARVIN, ULTIMATE	
B	6'-6"	5'-2"	ALUM	HPC	1/AE620	2/AE620	3/AE620	FACTORY DOUBLE MULL: BASIS OF DESIGN, MARVIN, ULTIMATE	
C	10'-0"	5'-2"	ALUM	HPC	1/AE620	2/AE620	3/AE620	FACTORY TRIPLE MULL: BASIS OF DESIGN, MARVIN, ULTIMATE	



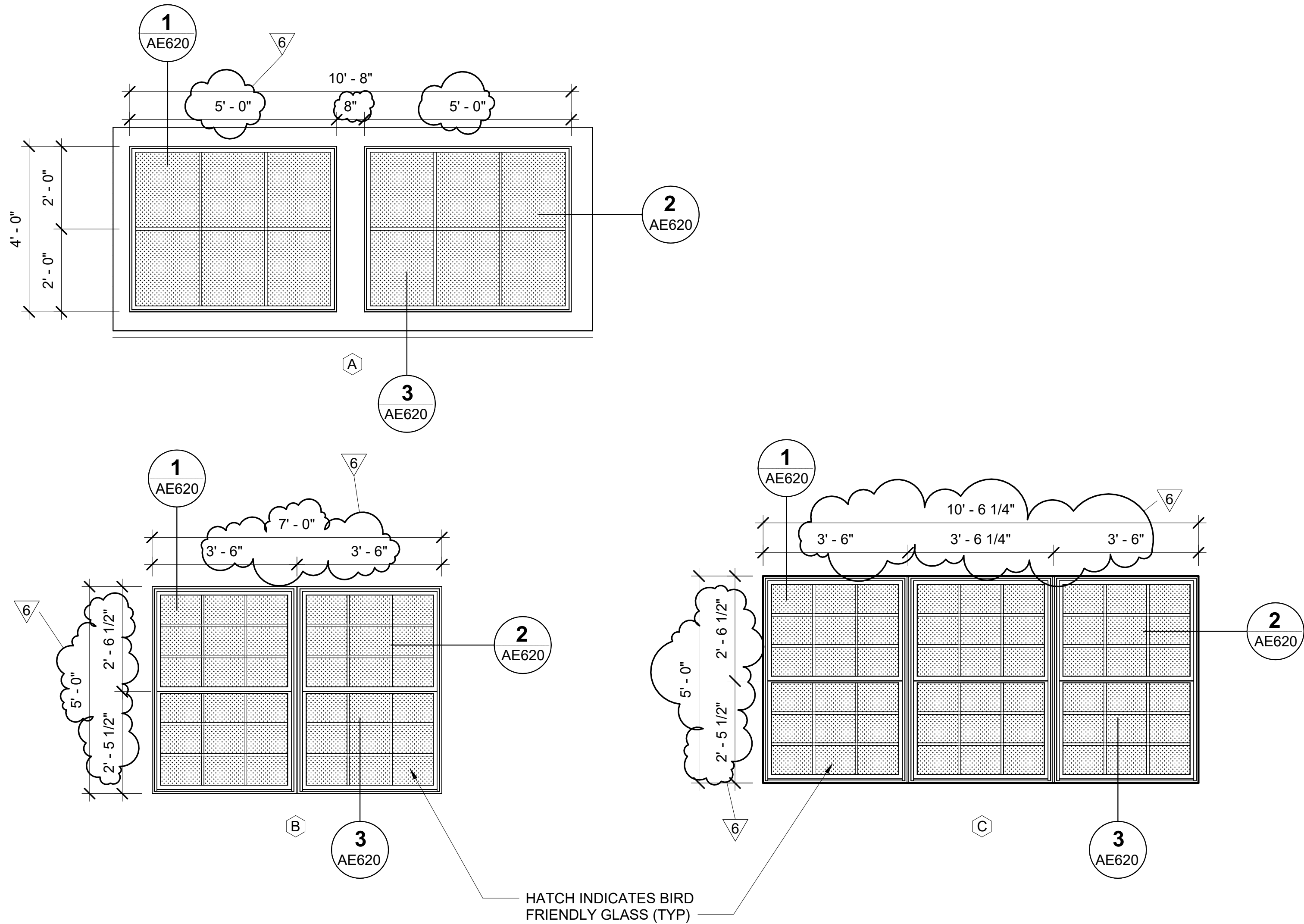
1 DETAIL @ WINDOW HEAD
AE620 SCALE: 1 1/2" = 1'-0"



2 DETAIL @ WINDOW JAMB
AE620 SCALE: 1 1/2" = 1'-0"

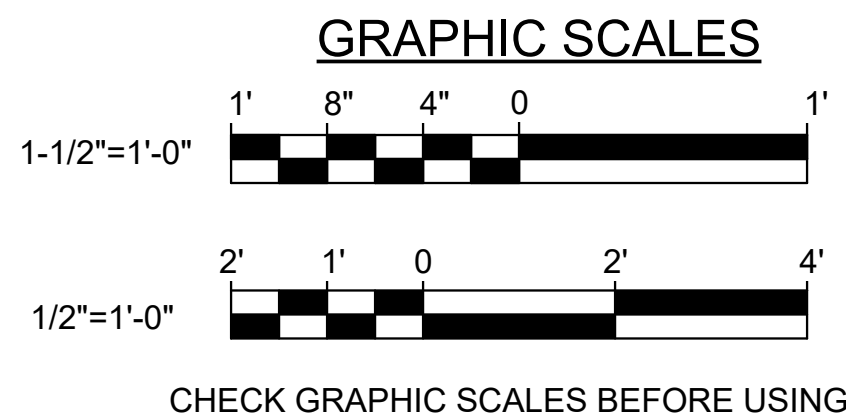


3 DETAIL @ WINDOW SILL
AE620 SCALE: 1 1/2" = 1'-0"

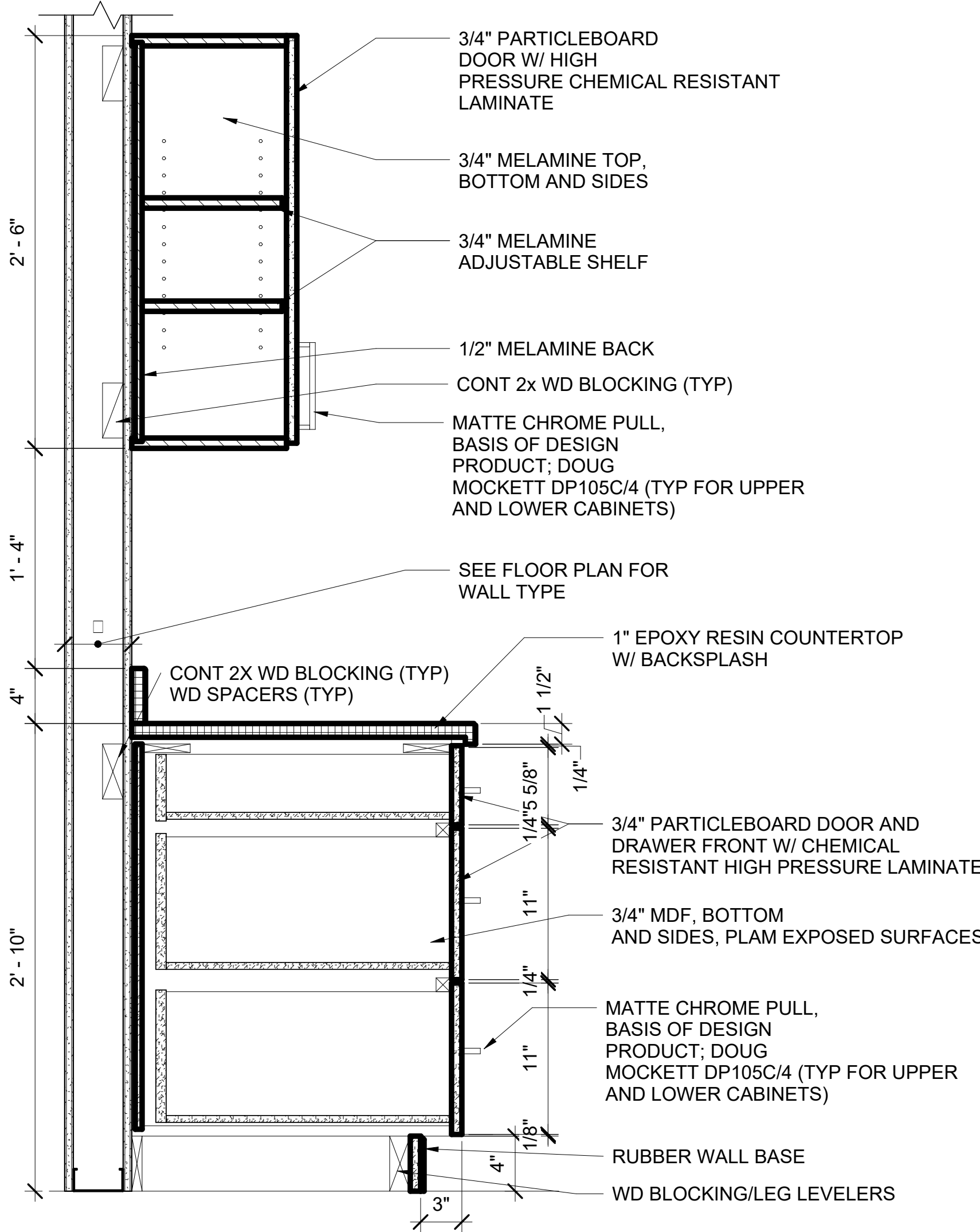
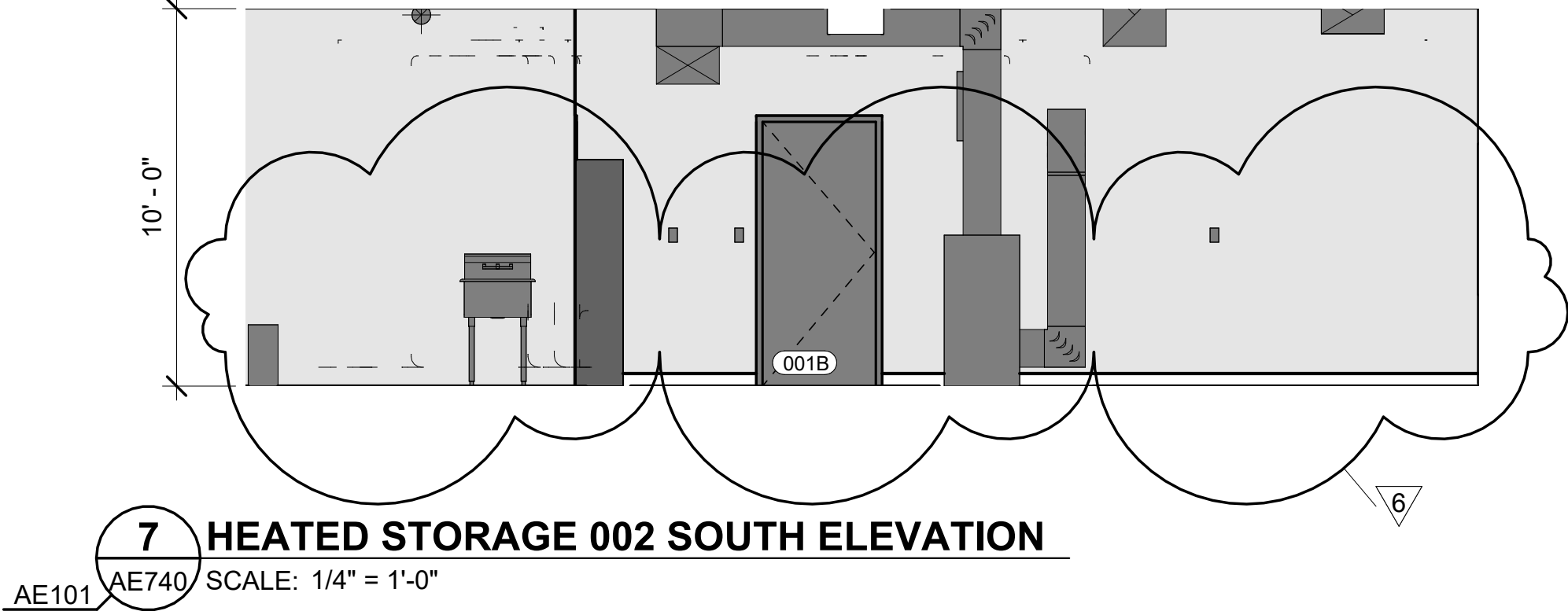
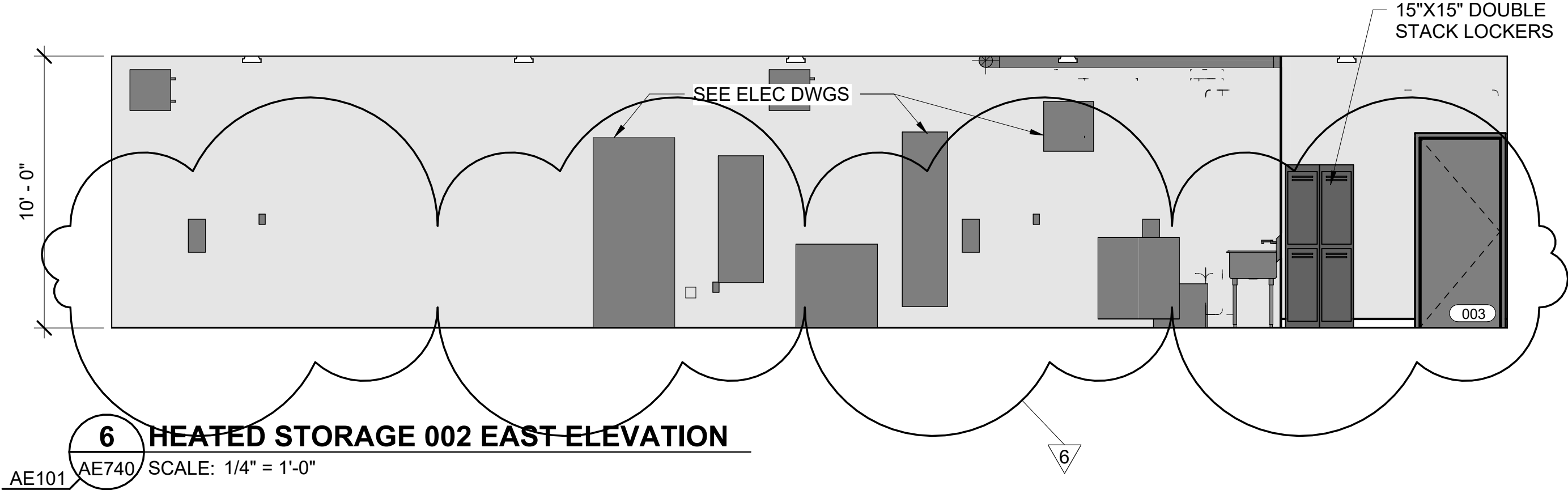
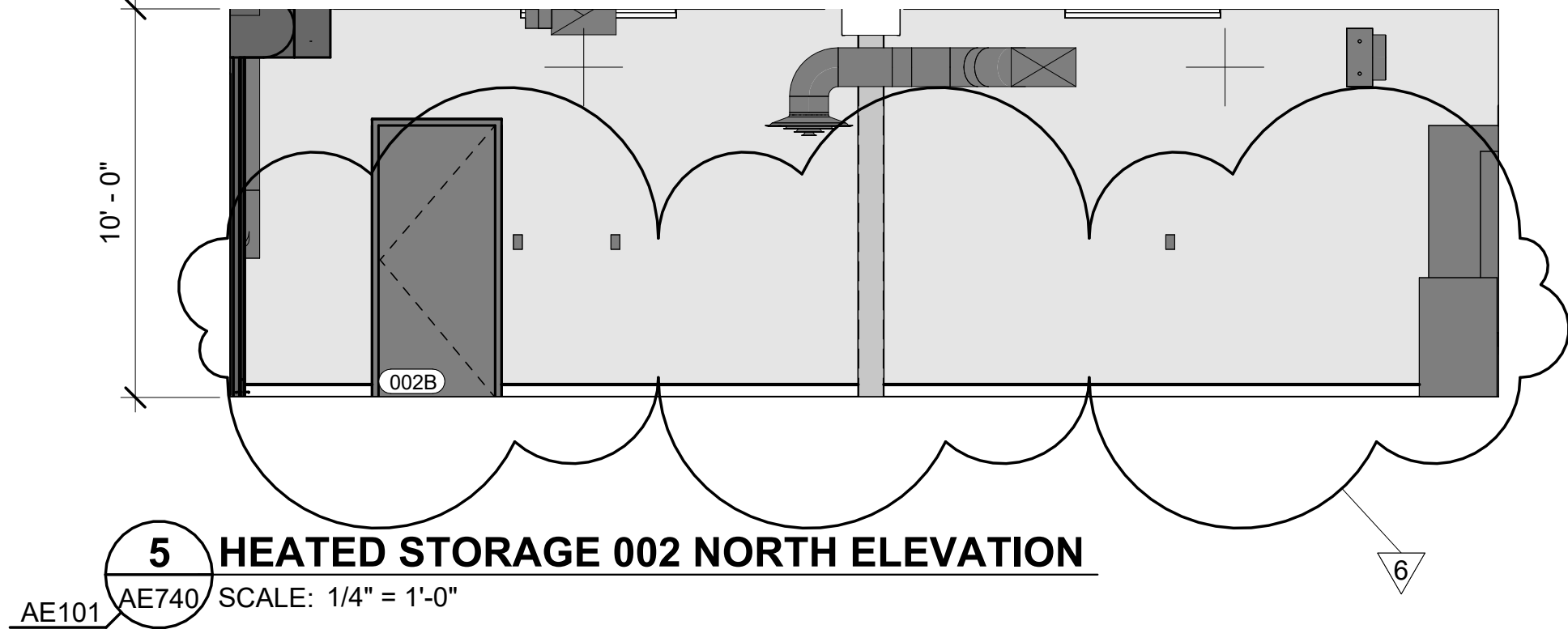
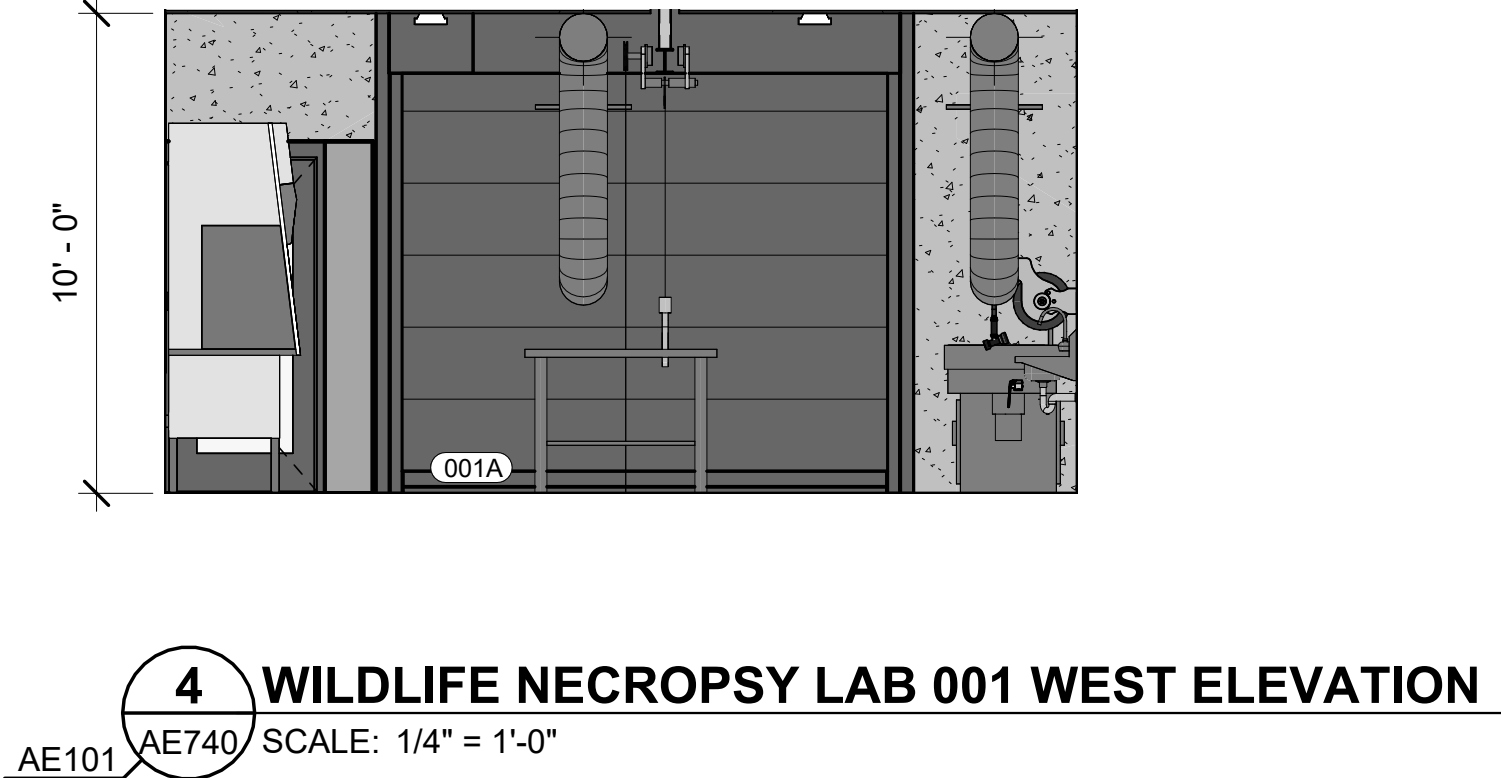
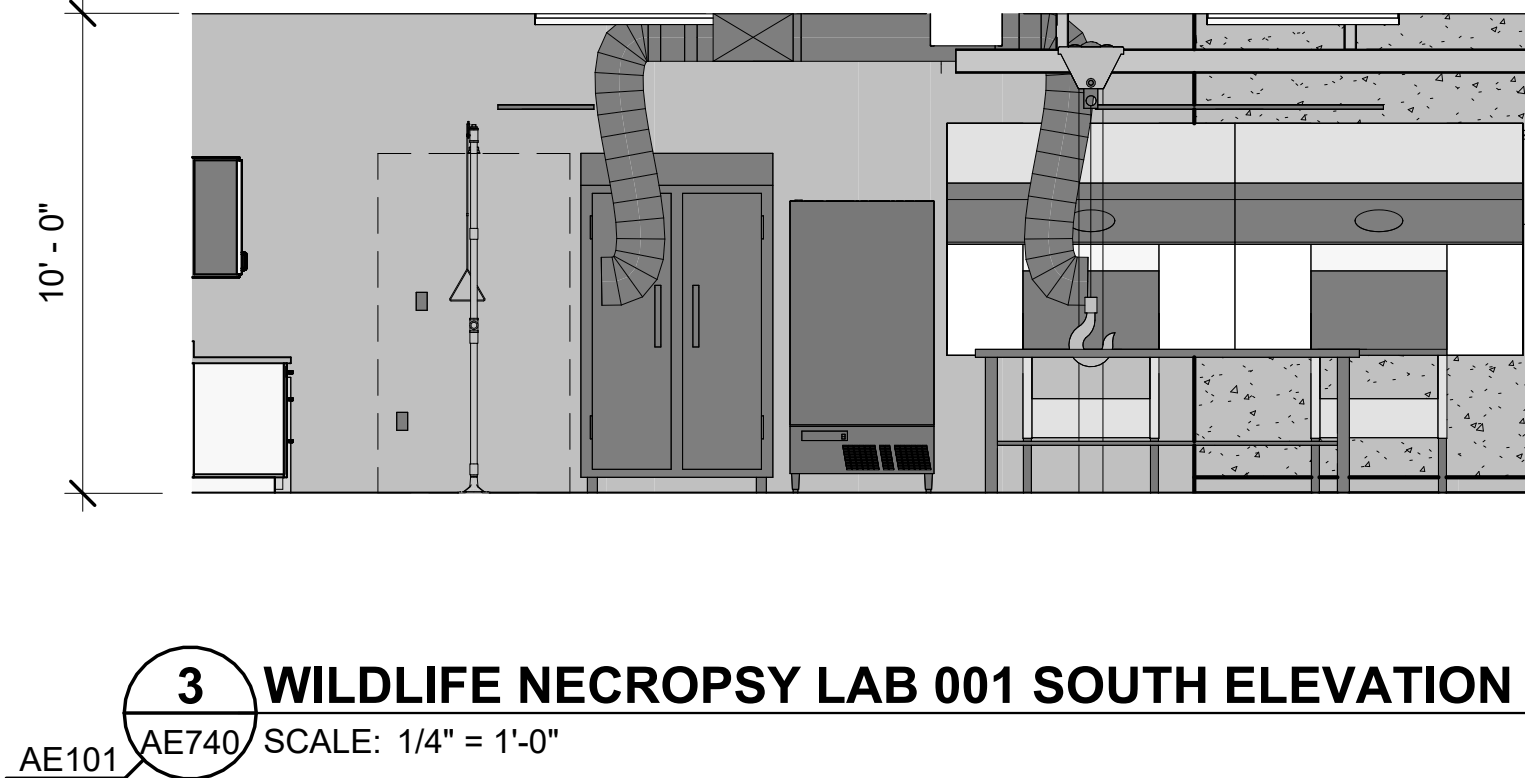
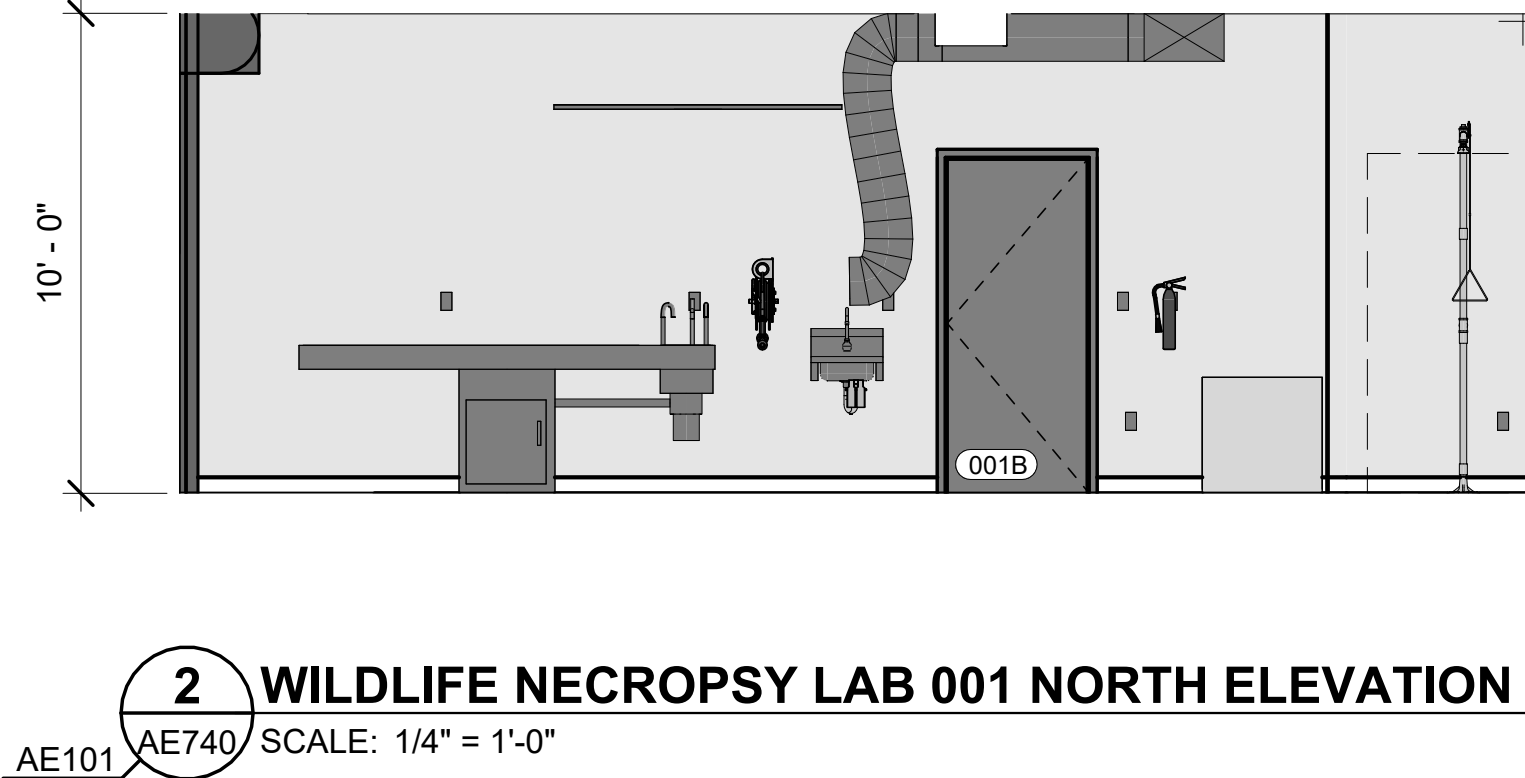
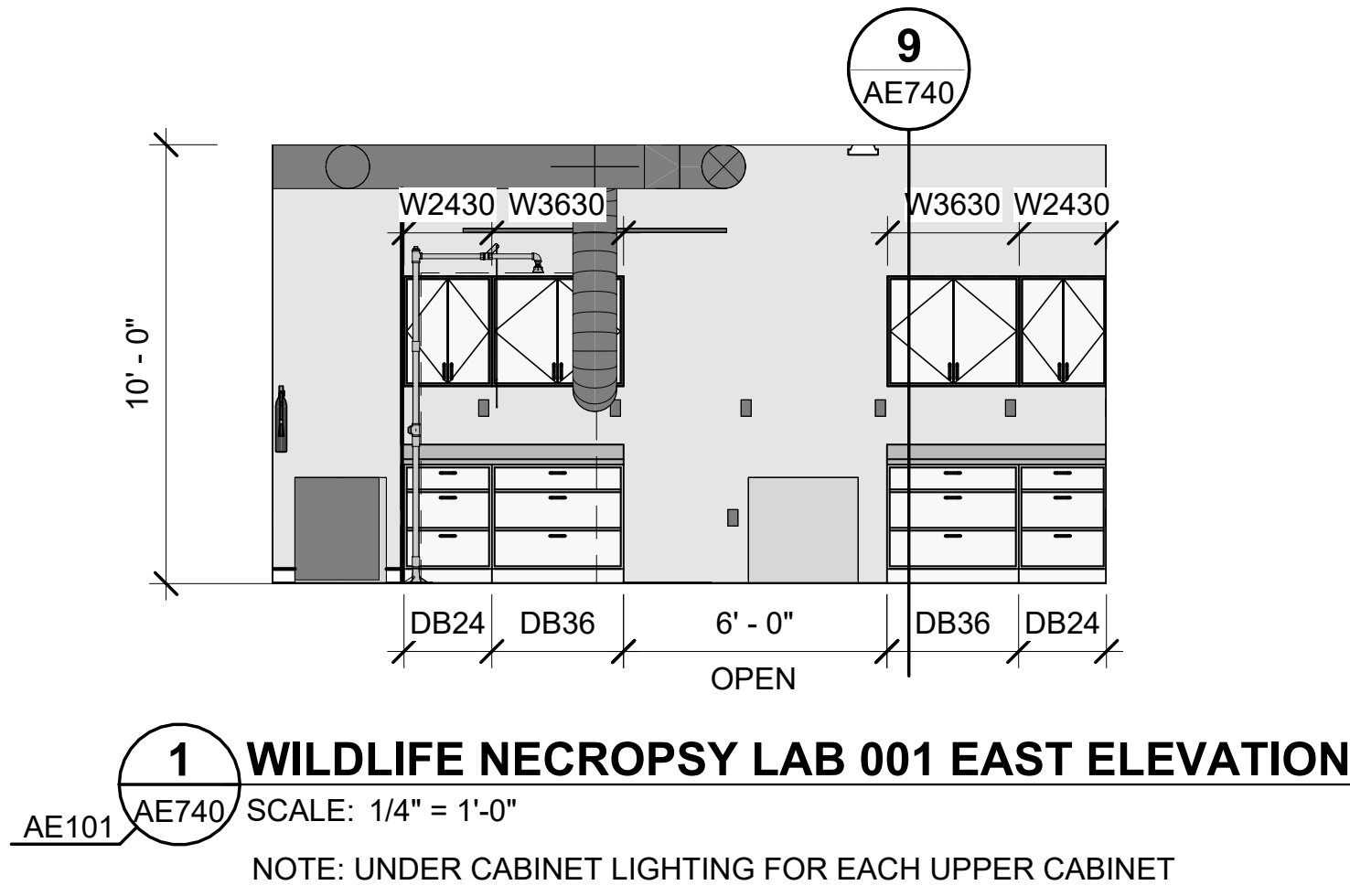


WINDOW TYPES

SCALE 1/2" = 1'-0"

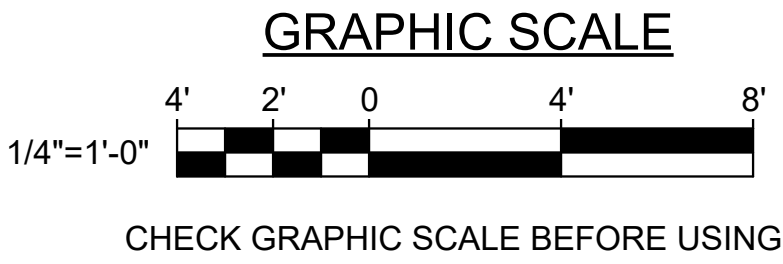


				DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
				TITLE STORAGE BARN	
				LOCATION AUGUSTA, ME	
				TITLE THIS DWG. WINDOWS SCHEDULE AND DETAILS	
				OA K ASSOCIATES AE620	
DRAWN BY: MJD				DRAWING NO.	
CHECK BY: CET				SHEET NO.	
HMG				28 OF 48	
NO. DATE DESCRIPTION BY				231 Main Street, Biddeford, Maine 04005 207.283.1919	
REVISIONS					
DATE 01/29/2025					



ROOM FINISH SCHEDULE											
NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING		WINDOW SHADES	NOTES
				NORTH	EAST WALL	SOUTH WALL	WEST WALL	MATERIAL	HEIGHT		
001	WILDLIFE NECROPSY LAB	EP-1	EP-1	EPW	EPW	EPW	EPW	GYP/P	10'-0"	N/A	
002	HEATED STORAGE	GRIND AND SEAL CONCRETE, INCLUDE DENSIFIER	RB-1	GY/P	GY/P	GY/P	SEALED CONC	GYP/P	10'-0"	N/A	
003	TOILET	EP-1	EP-2	WP, BASIS OF DESIGN ALTRO PURAGUARD	WP	WP	WP	GYP/P	10'-0"	N/A	
004	MAINTENANCE BAY	GRIND AND SEAL CONCRETE, INCLUDE DENSIFIER	RB-1	SEALED CONCRETE	GY/P	GY/P	SEALED CONC	GYP/P	10'-0"	N/A	
101A	STAND ALONE STORAGE	GRIND AND SEAL CONCRETE, INCLUDE DENSIFIER	RB-1	PLYWOOD, B-GRADE OR BETTER, CLEAR SATIN POLYURETHANE BOTH SIDES	PLYWOOD, CLEAR SATIN	PLYWOOD, CLEAR SATIN	PLYWOOD CLEAR SATIN	WOOD ROOF DECKING	VAULTED	N/A	
101B	STAND ALONE STORAGE	GRIND AND SEAL CONCRETE, INCLUDE DENSIFIER	RB-1	PLYWOOD, B-GRADE OR BETTER, CLEAR SATIN POLYURETHANE BOTH SIDES	PLYWOOD, CLEAR SATIN	PLYWOOD, CLEAR SATIN	PLYWOOD, CLEAR SATIN	WOOD ROOF DECKING	VAULTED	N/A	
101C	CORRIDOR	GRIND AND SEAL CONCRETE, INCLUDE DENSIFIER	RB-1	PLYWOOD, B-GRADE OR BETTER, CLEAR SATIN POLYURETHANE BOTH SIDES	PLYWOOD, CLEAR SATIN	PLYWOOD, CLEAR SATIN	PLYWOOD, CLEAR SATIN	WOOD ROOF DECKING	VAULTED	N/A	

GENERAL NOTES:
1. PROVIDE SAMPLE FINISH OF CONCRETE SEALER FOR ARCH REVIEW & APPROVAL. LOCATE IN AREA TO BE COVERED.
2. PROVIDE SAMPLE OF PLYWOOD & FINISH FOR ARCH REVIEW & APPROVAL.
3. PROVIDE SUBMITTAL FOR ARCH & CLIENT REVIEW AND APPROVAL FOR PAINT COLOR, TYPE, & SHEEN BY LOCATION.
4. PROVIDE SUBMITTAL FOR ARCH & CLIENT REVIEW AND APPROVAL FOR COVE BASE.



DEPARTMENT OF INLAND FISHERIES & WILDLIFE			
STORAGE BARN			
AUGUSTA, ME			
INTERIOR ELEVATIONS 1 & ROOM FINISH SCHEDULE			
OAK POINT ASSOCIATES			
AE740			
31 OF 48			

1. INSTALL FIRE DAMPER AT EACH DUCT FLOOR PENETRATION.

2. WHERE NOT OTHERWISE INDICATED, PROVIDE FIRE DAMPERS WHERE DUCTS PASS THROUGH FIRE RATED BARRIERS. REFER TO SHEETS G-108, THROUGH G-111.

KEYNOTES

1. ADJUST AIRFLOW PATTERN CONTROLLER TO INTO THE ROOM AND AWAY FROM THE OUTSIDE WALL.

2. PAINT DUCTS. REFER TO SHEET AE641.

3. PROVIDE BALANCING DAMPER ON DUCT DROP TO DIFFUSER.

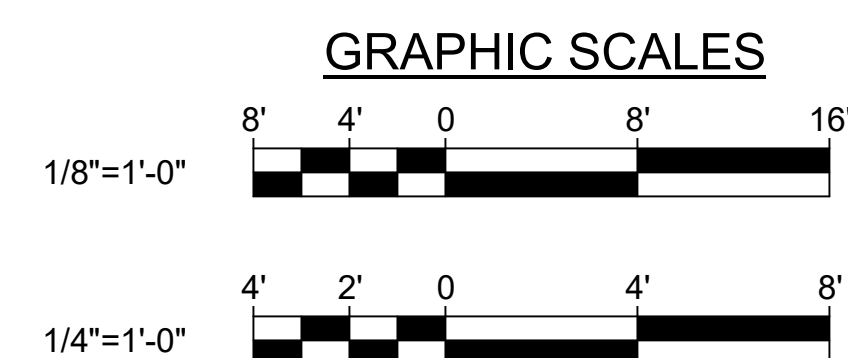
4. PROVIDE FIRE DAMPER.

5. INSTALL DUCTWORK BELOW BRIDGE.

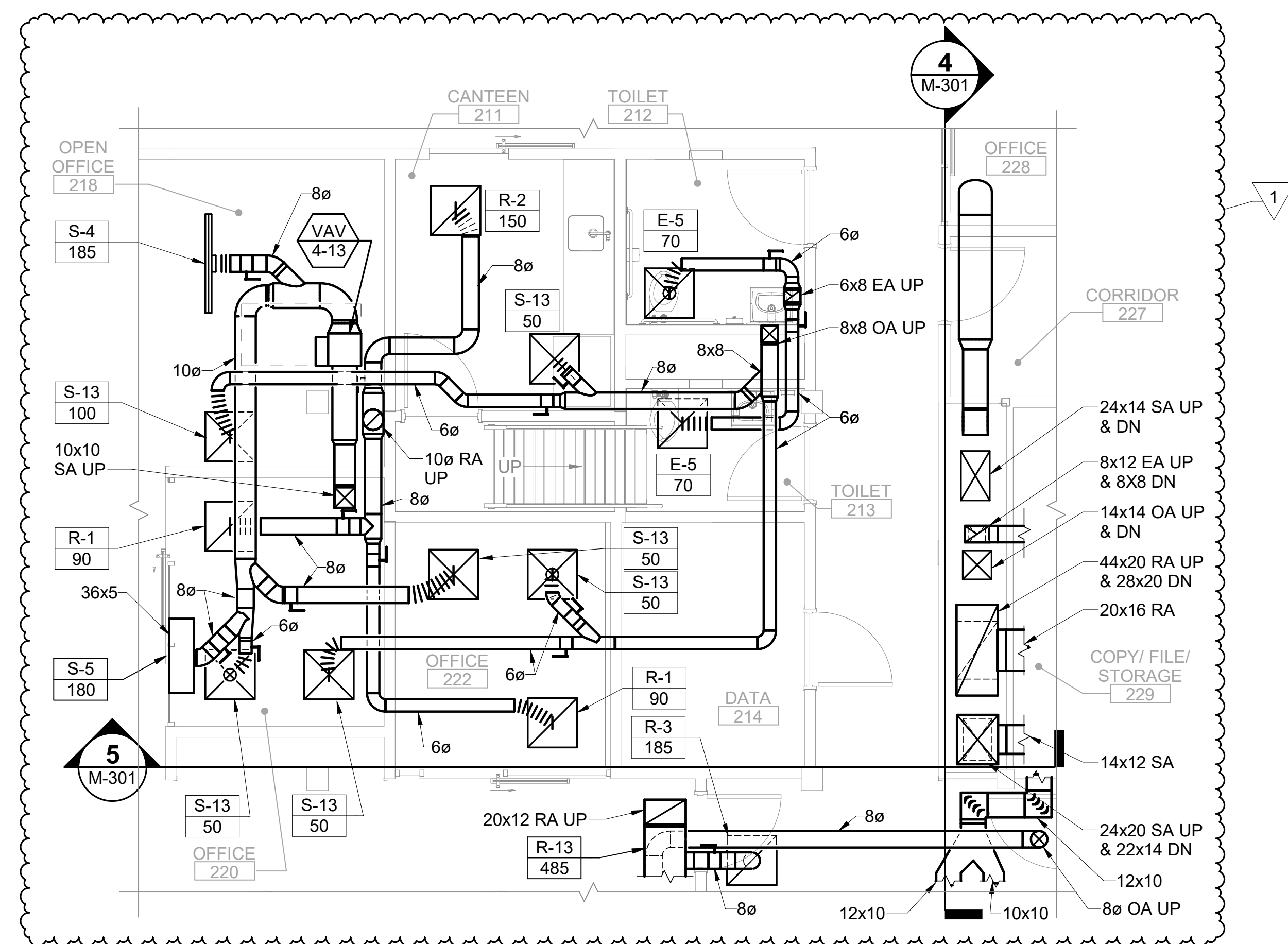
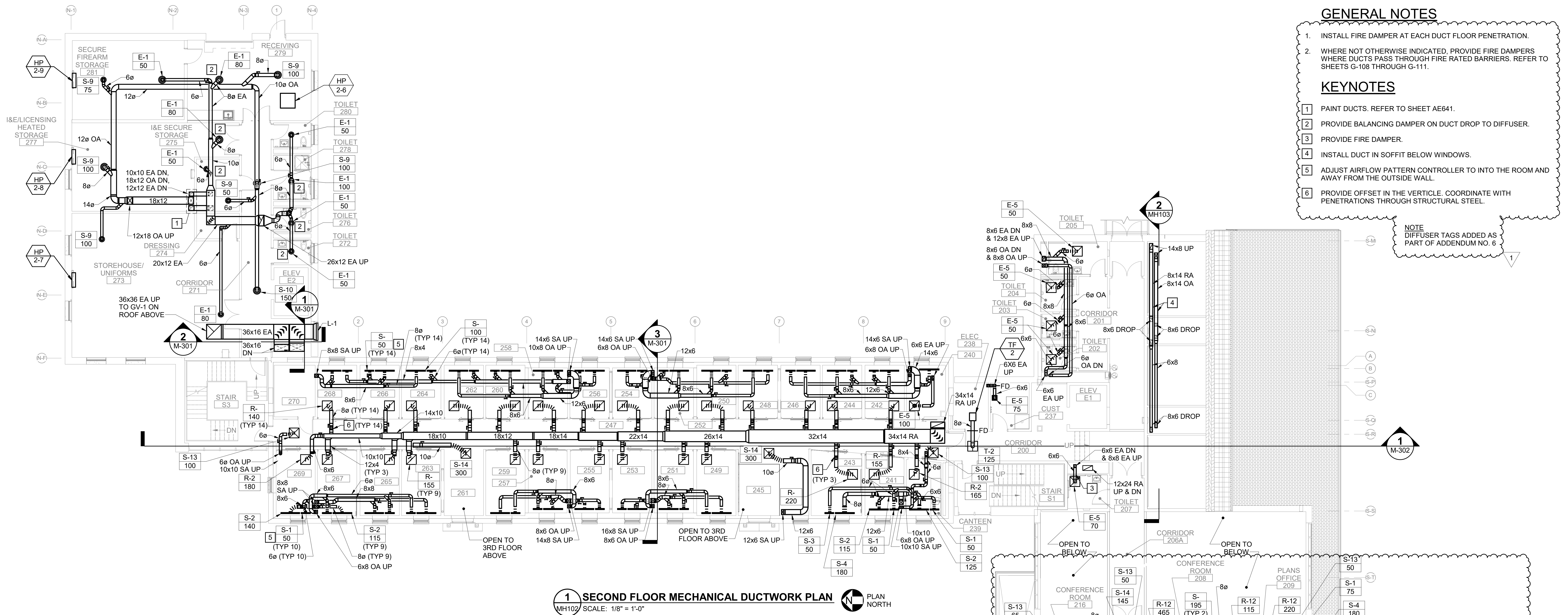
6. 10x10 EA UP, 12x18 OA UP, 12x12 EA UP.

7. PROVIDE OFFSET IN THE VERTICAL. COORDINATE WITH PENETRATIONS THROUGH STRUCTURAL STEEL.

8. PROVIDE TURNING VANES.



						DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
						TITLE: NEW OFFICE HEADQUARTERS	
						LOCATION: AUGUSTA, ME	
						TITLE THIS DRAWING: FIRST FLOOR MECHANICAL DUCTWORK PLAN	
				DRAWN BY: CBM		OAK POINT ASSOCIATES	
				CHECK BY: MSA			
				NO.			
1 3/13/25 ADDENDUM NO. 6 MSA				DATE 01/29/2025		DRAWING NO. HM10	
G NO. DATE DESCRIPTION BY						SHEET NO.	
REVISIONS						231 Main Street, Bangor, Maine 04605 207.283.0153	
						191 of 23	



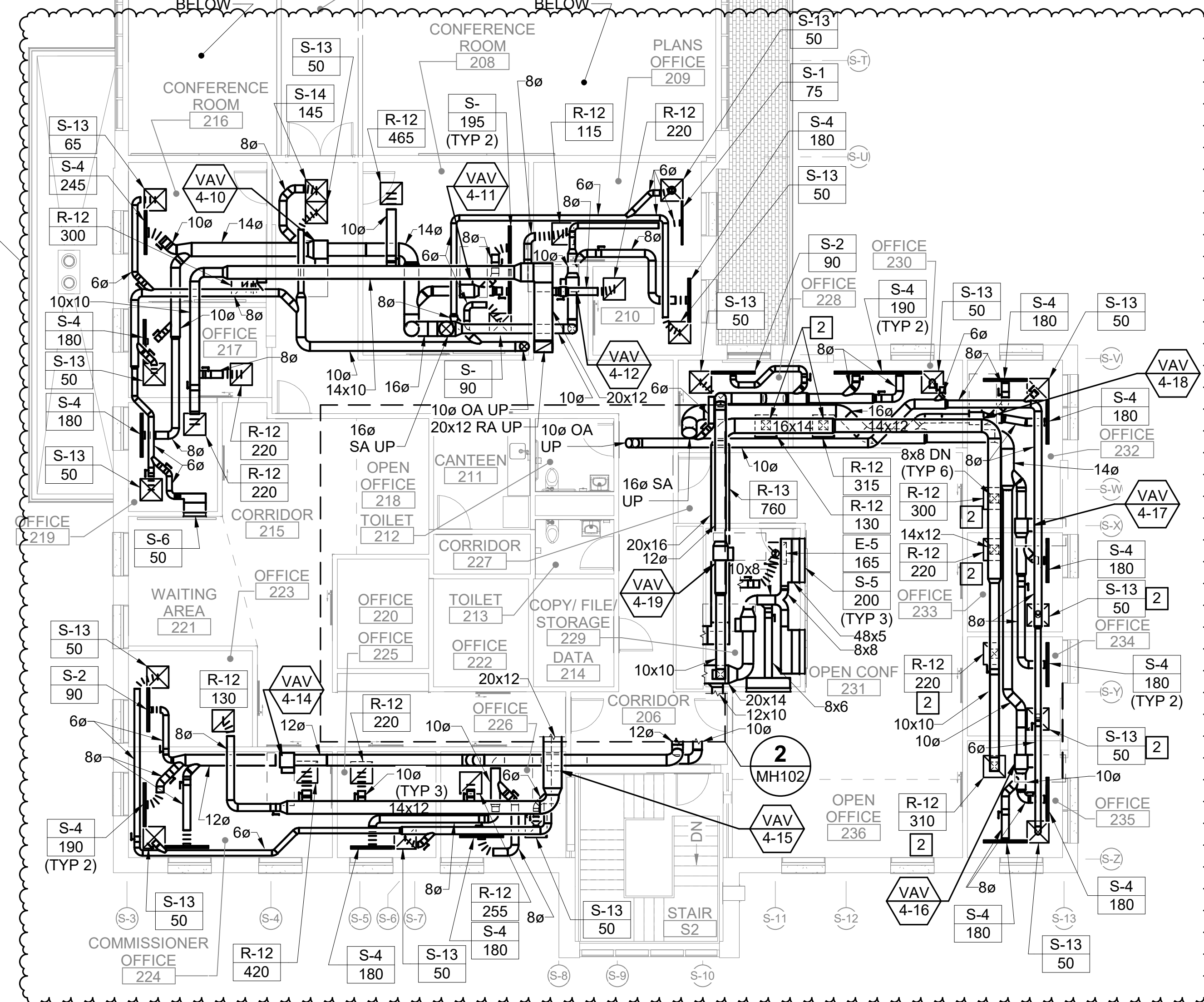
GENERAL NOTES

1. INSTALL FIRE DAMPER AT EACH DUCT FLOOR PENETRATION.
2. WHERE NOT OTHERWISE INDICATED, PROVIDE FIRE DAMPERS WHERE DUCTS PASS THROUGH FIRE RATED BARRIERS. REFER TO SHEETS G-108 THROUGH G-111.

KEYNOTES

- 1 PAINT DUCTS. REFER TO SHEET AE641.
- 2 PROVIDE BALANCING DAMPER ON DUCT DROP TO DIFFUSER.
- 3 PROVIDE FIRE DAMPER.
- 4 INSTALL DUCT IN SOFFIT BELOW WINDOWS.
- 5 ADJUST AIRFLOW PATTERN CONTROLLER TO INTO THE ROOM AND AWAY FROM THE OUTSIDE WALL.
- 6 PROVIDE OFFSET IN THE VERTICLE. COORDINATE WITH PENETRATIONS THROUGH STRUCTURAL STEEL.

NOTE
DIFFUSER TAGS ADDED AS
PART OF ADDENDUM NO. 6

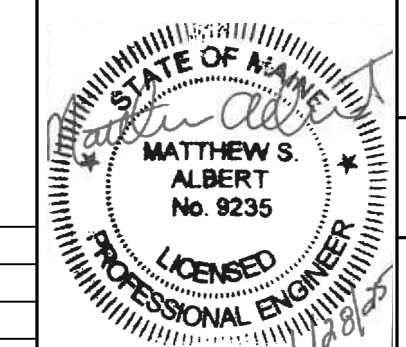


GRAPHIC SCALES

1/8"=1'-0"

1/4"=1'-0"

CHECK GRAPHIC SCALES BEFORE USING



DEPARTMENT OF INLAND FISHERIES & WILDLIFE

TITLE NEW OFFICE HEADQUARTERS

LOCATION AUGUSTA, ME

TITLE THIS DWS SECOND FLOOR MECHANICAL DUCTWORK PLAN

DRAWN BY: CBM

CHECK BY: MSA

DATE 01/29/2025

OAK POINT ASSOCIATES

DRAWING NO. MH102

SHEET NO.

192 OF 239

GENERAL NOTES

1. INSTALL FIRE DAMPER AT EACH DUCT FLOOR PENETRATION.
2. WHERE NOT OTHERWISE INDICATED, PROVIDE FIRE DAMPERS WHERE DUCTS PASS THROUGH FIRE RATED BARRIERS. REFER TO SHEETS G-108 THROUGH G-111.

KEYNOTES

1. ADJUST AIRFLOW PATTERN CONTROLLER TO INTO THE ROOM AND AWAY FROM THE OUTSIDE WALL.
2. PROVIDE BALANCING DAMPER ON DUCT DROP TO DIFFUSER.
3. PROVIDE FIRE DAMPER.
4. INSTALL IN SOFFIT ABOVE WINDOWS.

BALANCING KEYNOTES

- A PROVIDE S-1 DIFFUSER @ 50-CFM. ADJUST AIRFLOW PATTERN CONTROLLER TO INTO THE ROOM AND AWAY FROM THE OUTSIDE WALL.
- B PROVIDE S-2 DIFFUSER @ 115-CFM.
- C PROVIDE R-1 GRILLE @ 155-CFM.
- D BALANCE TO 660 CFM.
- E BALANCE TO 250 CFM.

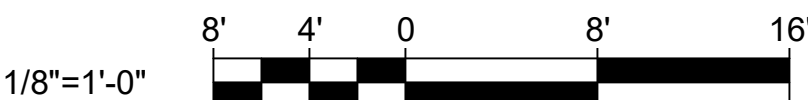
NOTE
DIFFUSER TAGS ADDED AS
PART OF ADDENDUM NO. 6

1 THIRD FLOOR MECHANICAL DUCTWORK PLAN
MH103 SCALE: 1/8" = 1'-0"



2 CONFERENCE ROOM OA DUCT SECTION
MH103 SCALE: 1/8" = 1'-0"

GRAPHIC SCALE



CHECK GRAPHIC SCALE BEFORE USING



DEPARTMENT OF INLAND
FISHERIES & WILDLIFE

TITLE NEW OFFICE HEADQUARTERS

LOCATION AUGUSTA, ME

TITLE THIS DWG
THIRD FLOOR MECHANICAL DUCTWORK
PLAN

OAK POINT
ASSOCIATES

DRAWING NO.
MH103

SHEET NO.

DRAWN BY: CBM

CHECK BY: MSA

DATE 01/29/2025

NO.	DATE	DESCRIPTION	BY
1	3/13/25	ADDENDUM NO. 6	MSA

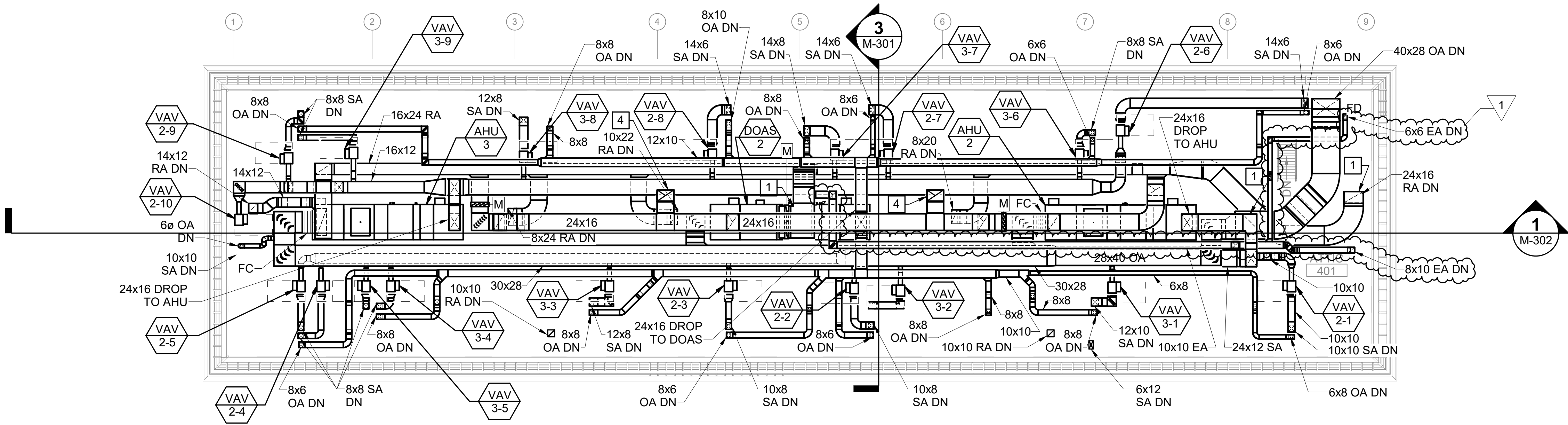
231 Main Street, Biddeford, Maine 04005 207.283.9193

GENERAL NOTES

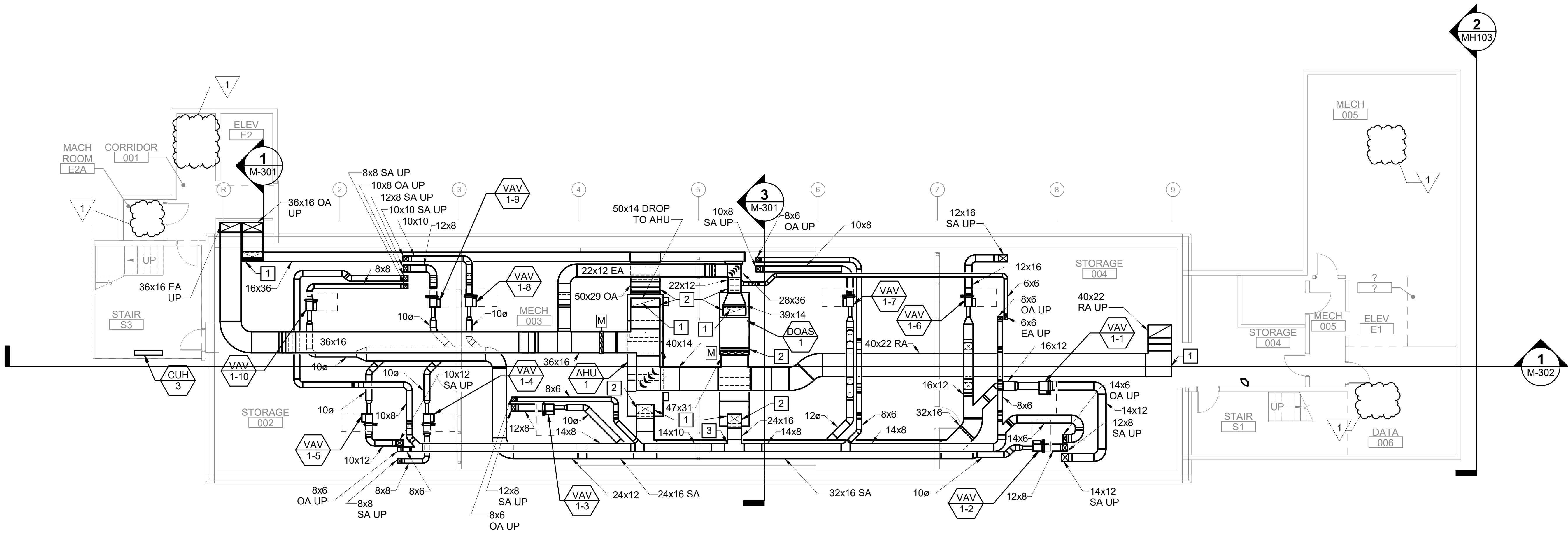
1. INSTALL FIRE DAMPER AT EACH DUCT FLOOR PENETRATION.
2. WHERE NOT OTHERWISE INDICATED, PROVIDE FIRE DAMPERS WHERE DUCTS PASS THROUGH FIRE RATED BARRIERS. REFER TO SHEETS G-108 THROUGH G-111.

KEYNOTES

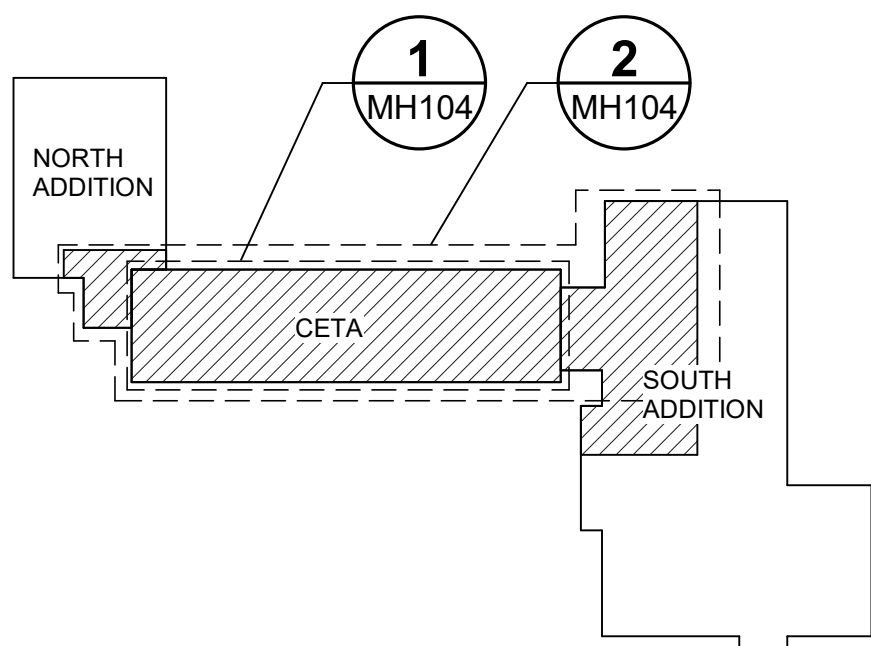
- 1 PROVIDE TURNING VANES IN ELBOW.
- 2 PROVIDE FLEXIBLE CONNECTOR AT AHU CONNECTION.
- 3 PROVIDE TURNING VANES IN TEE.
- 4 24x16 EXHAUST AIR UP THROUGH CHIMNEY ABOVE TO LOUVERED PENTHOUSE, WITH ISOLATION DAMPER IN VERTICAL. TRANSITION TO LOUVERED PENTHOUSE AS NEEDED.



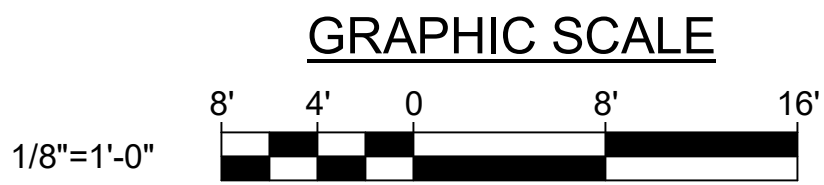
1 ATTIC MECHANICAL DUCTWORK PLAN
MH104 SCALE: 1/8" = 1'-0"



2 BASEMENT MECHANICAL DUCTWORK PLAN
MH104 SCALE: 1/8" = 1'-0"

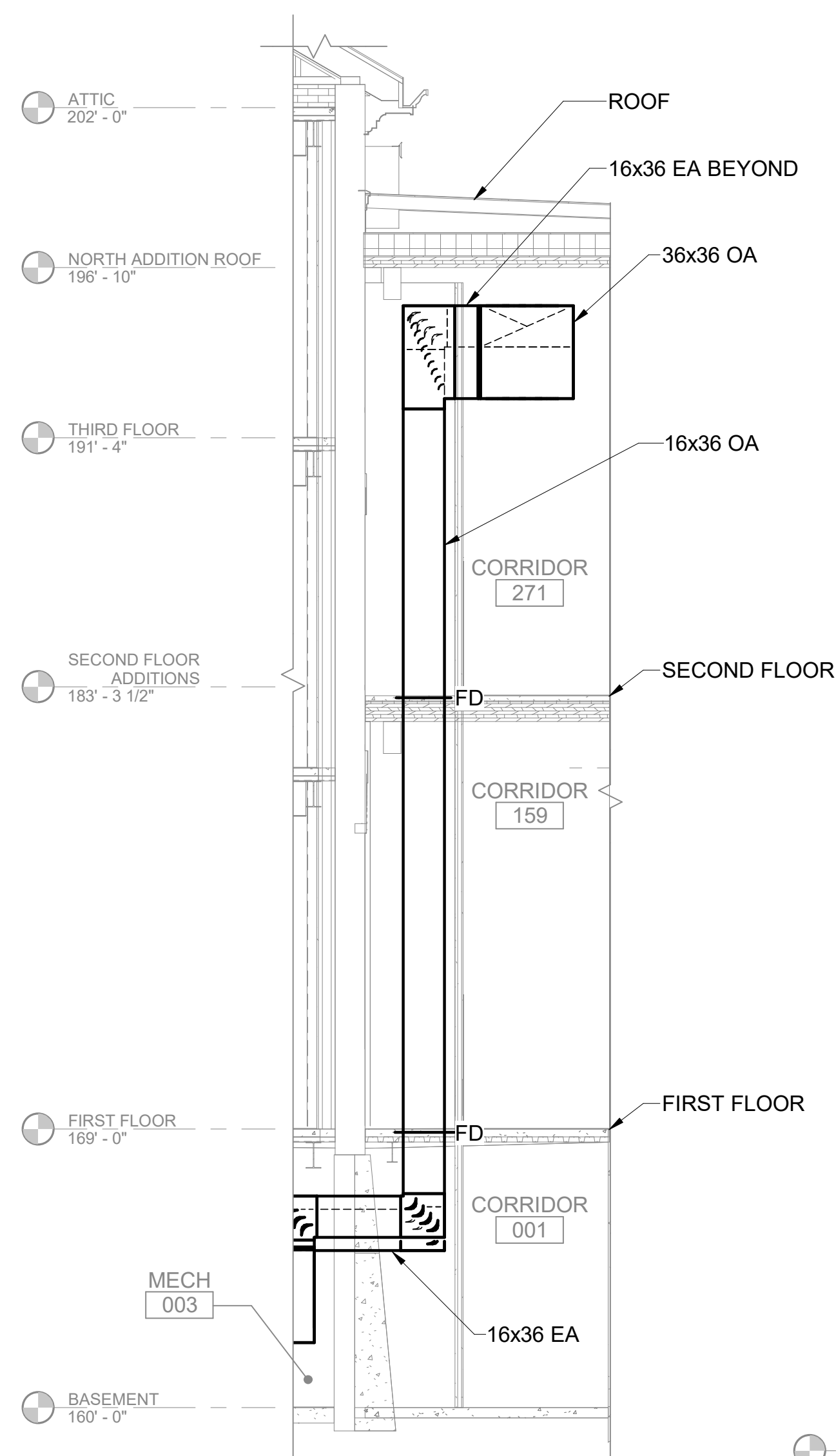


KEYPLAN
NOT TO SCALE
PLAN
NORTH

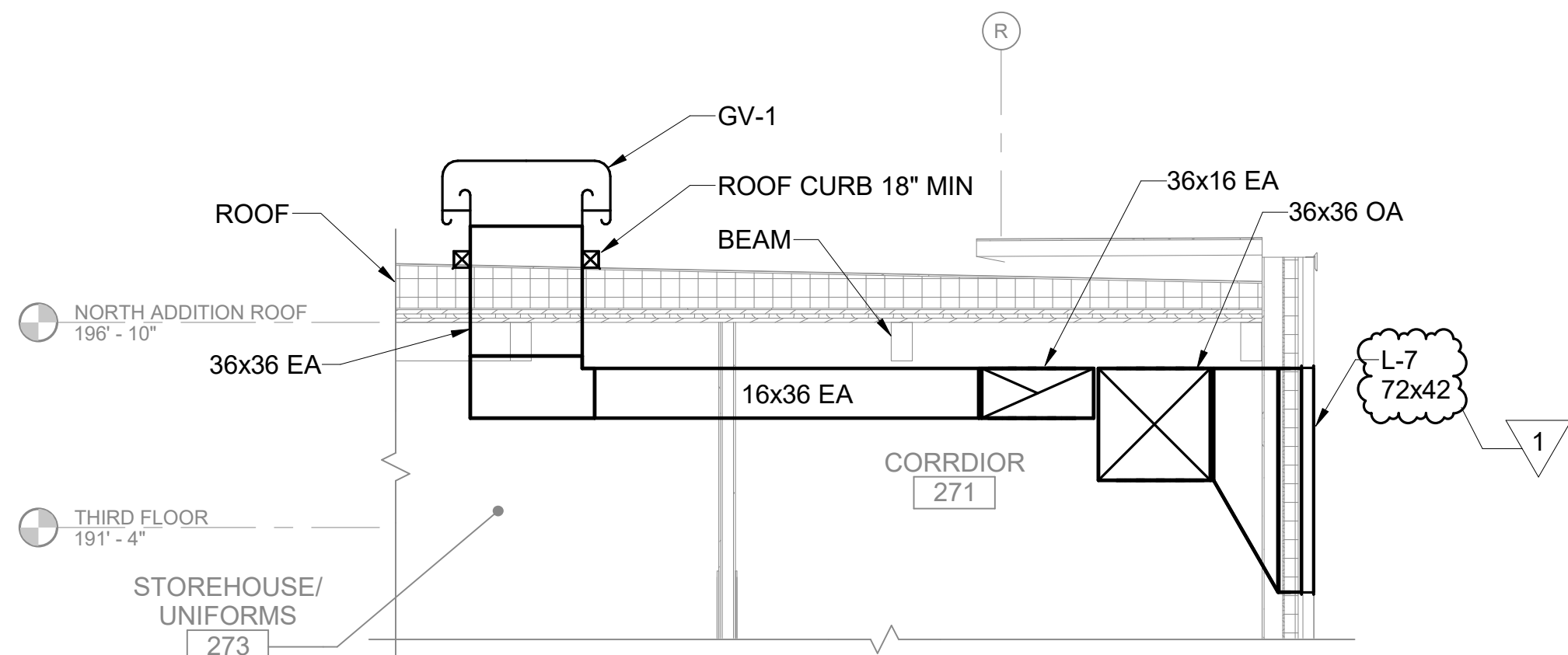


CHECK GRAPHIC SCALE BEFORE USING

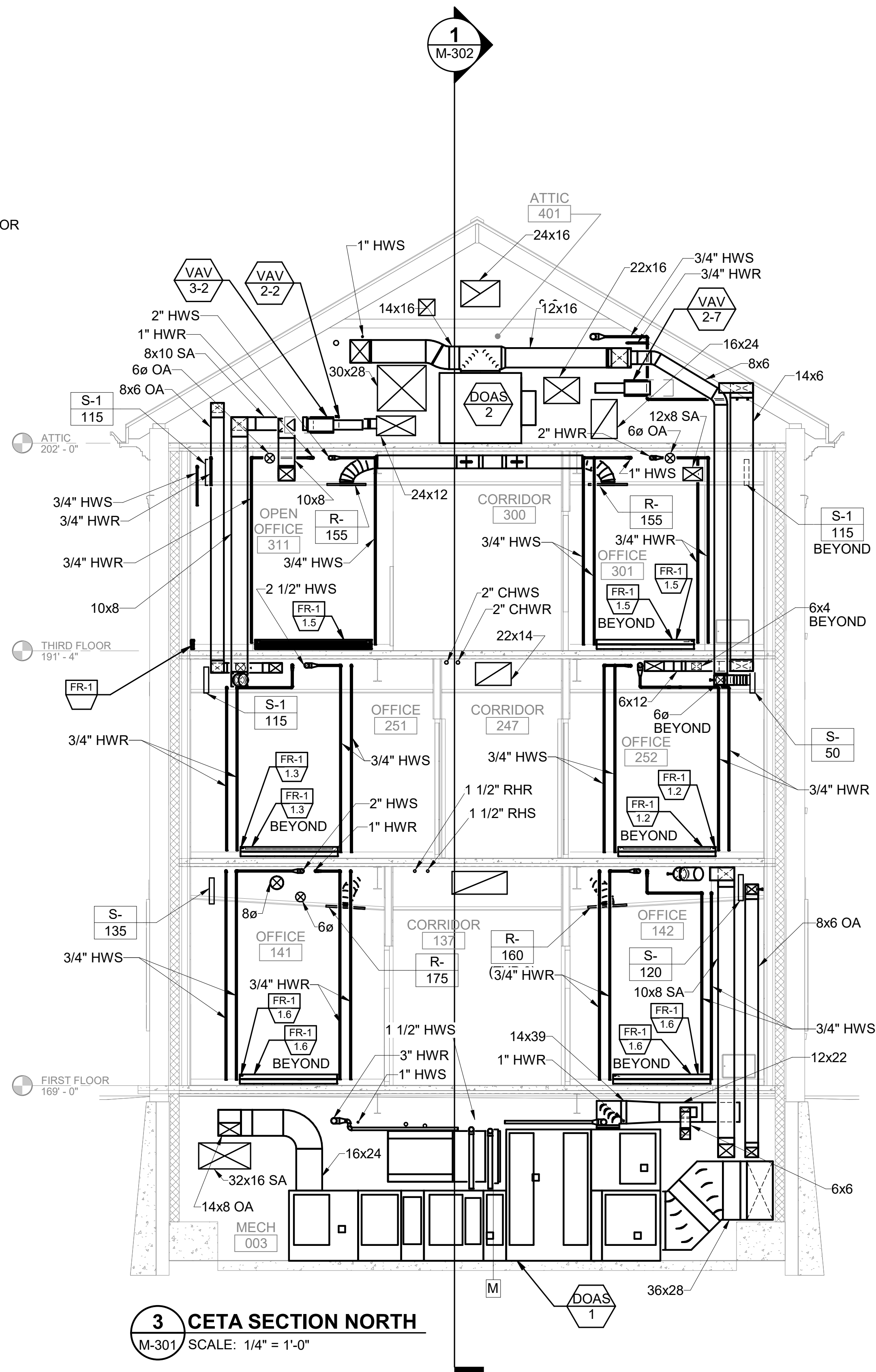
 	
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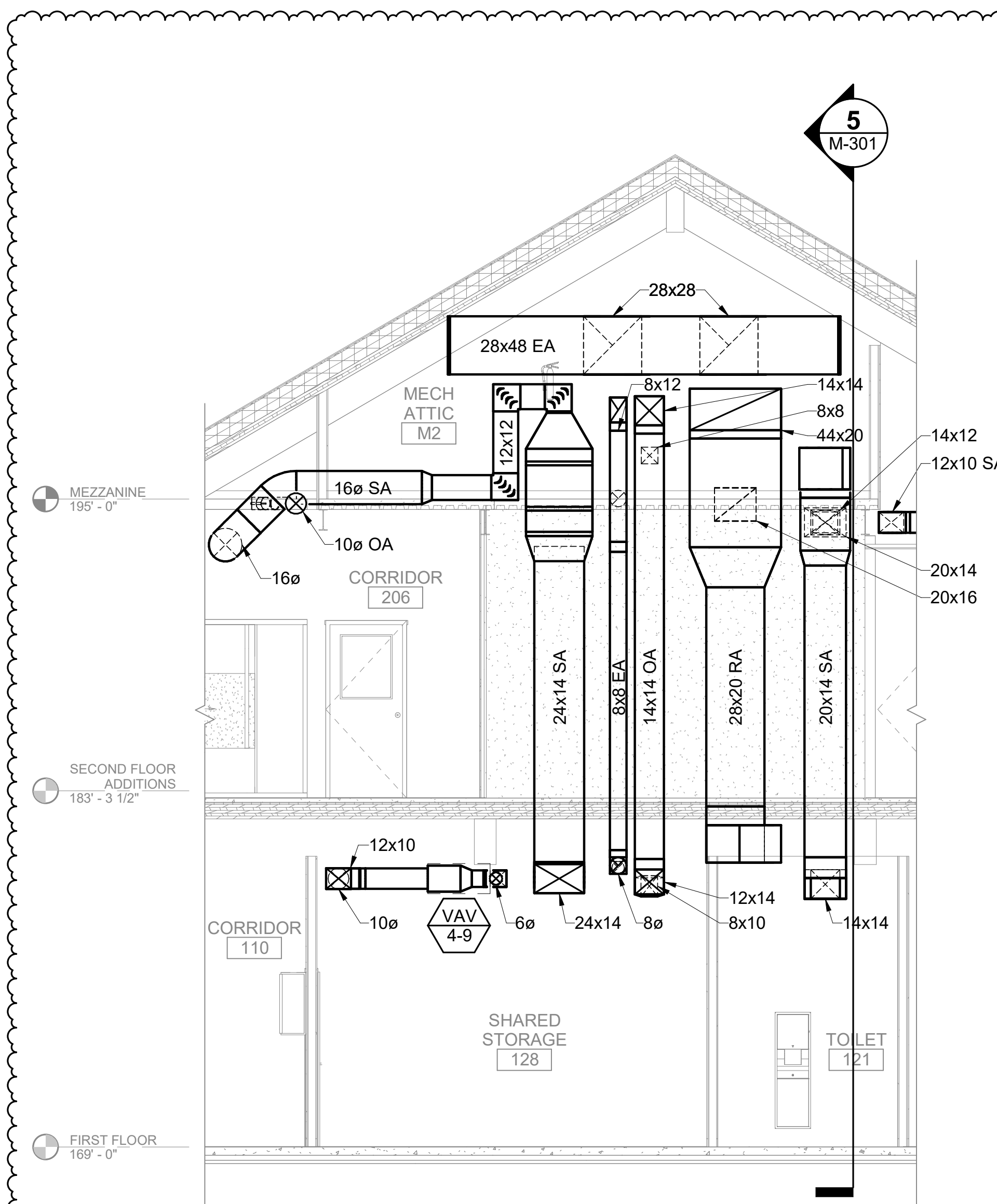
1 DUCT SECTION IN CHASE
M-301 SCALE: 1/4" = 1'-0"



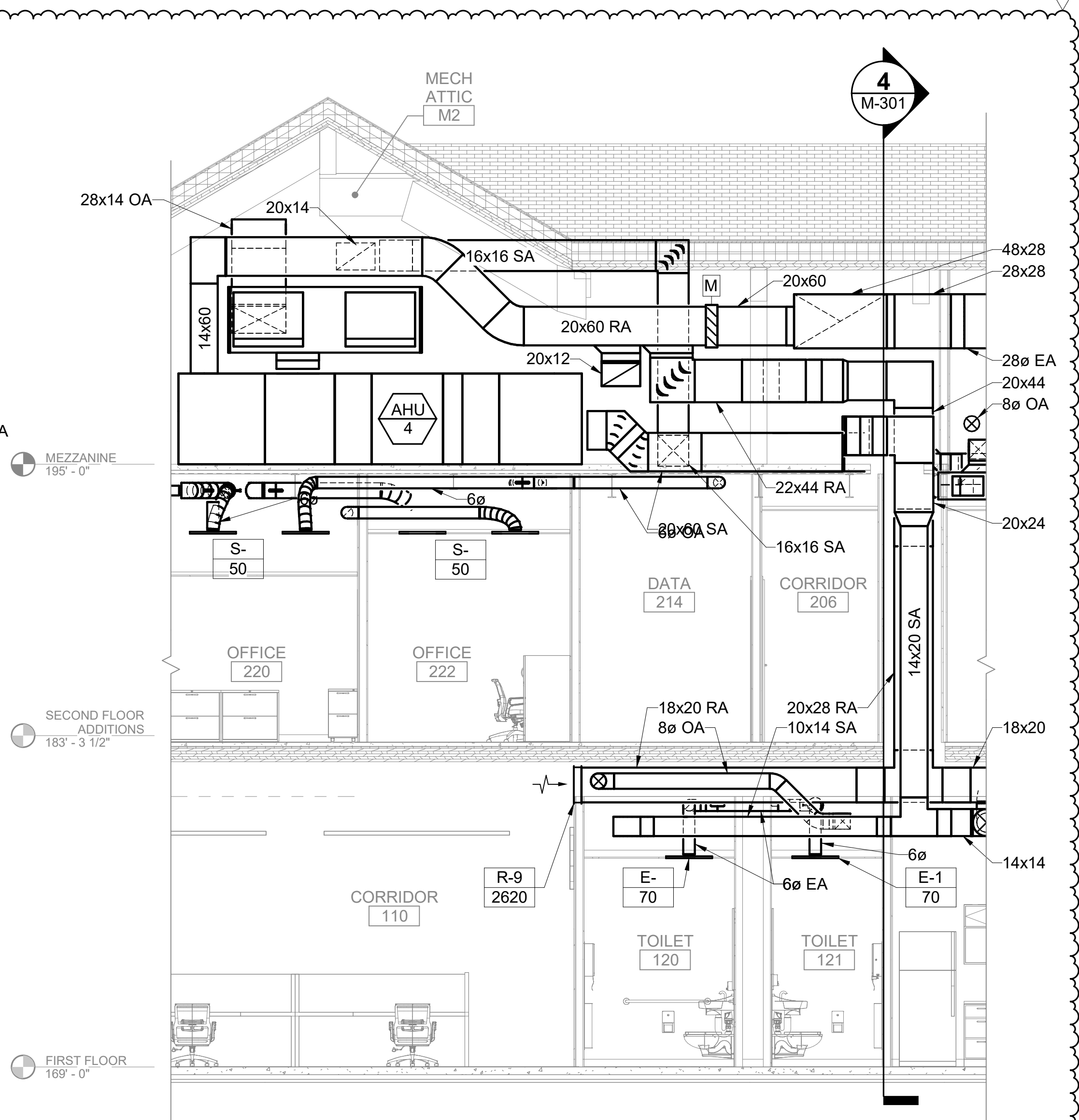
2 DUCT SECTION L-1/GV-1
M-301 SCALE: 1/4" = 1'-0"



3 CETA SECTION NORTH
M-301 SCALE: 1/4" = 1'-0"



4 SOUTH ADDITION CHASE DUCTWORK SECTION
M-301 SCALE: 1/4" = 1'-0"



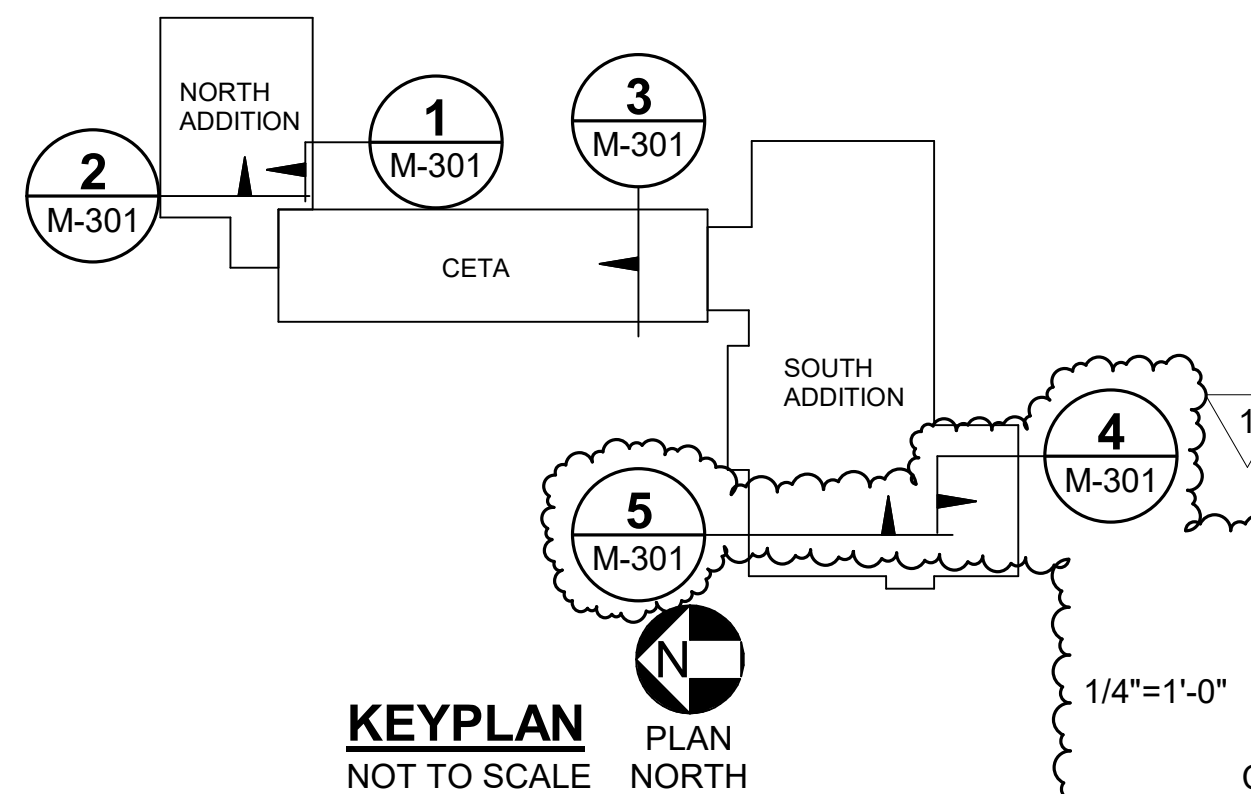
5 SOUTH ADDITION DUCTWORK SECTION
M-301 SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. INSTALL FIRE DAMPER AT EACH DUCT FLOOR PENETRATION.
2. WHERE NOT OTHERWISE INDICATED, PROVIDE FIRE DAMPERS WHERE DUCTS PASS THROUGH FIRE RATED BARRIERS. REFER TO SHEETS G-108 THROUGH G-111.

KEYNOTES

1



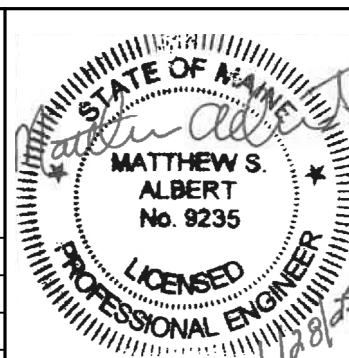
KEYPLAN
NOT TO SCALE
PLAN NORTH

GRAPHIC SCALE

1/4"=1'-0" 4' 2' 0' 4' 8'

CHECK GRAPHIC SCALE BEFORE USING

NO.	DATE	DESCRIPTION	BY
1	3/13/25	ADDENDUM NO. 6	MSA
REVISIONS			
DATE 01/29/2025			



DEPARTMENT OF INLAND
FISHERIES & WILDLIFE

TITLE NEW OFFICE HEADQUARTERS

LOCATION AUGUSTA, ME

TITLE THIS DWG.
MECHANICAL SECTIONS 1

OAK POINT
ASSOCIATES

DRAWING NO. M-301

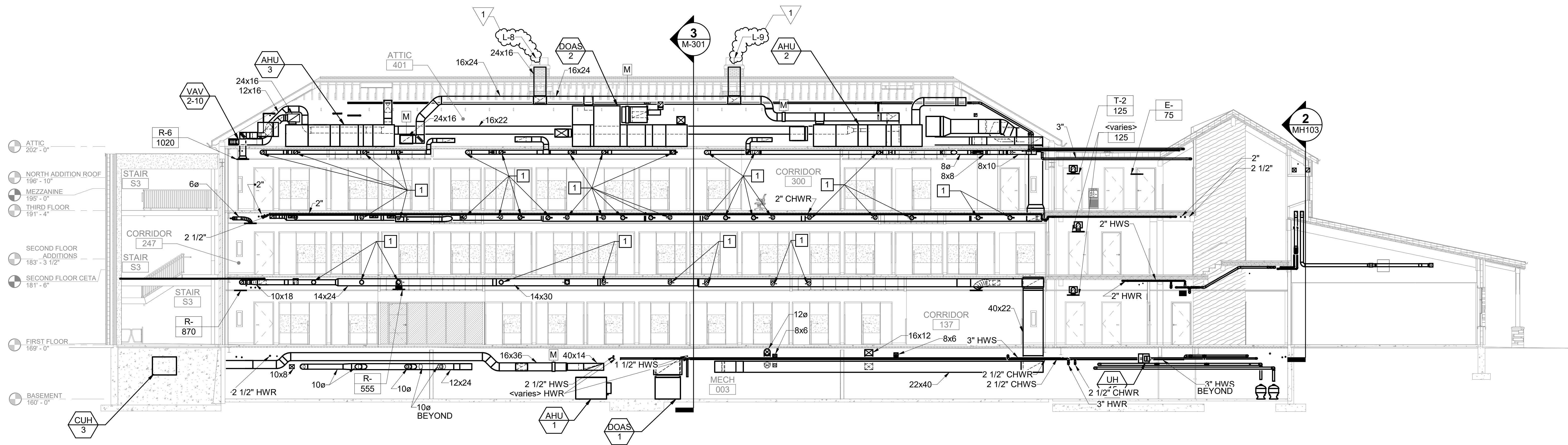
SHEET NO. 199 OF 239

GENERAL NOTES

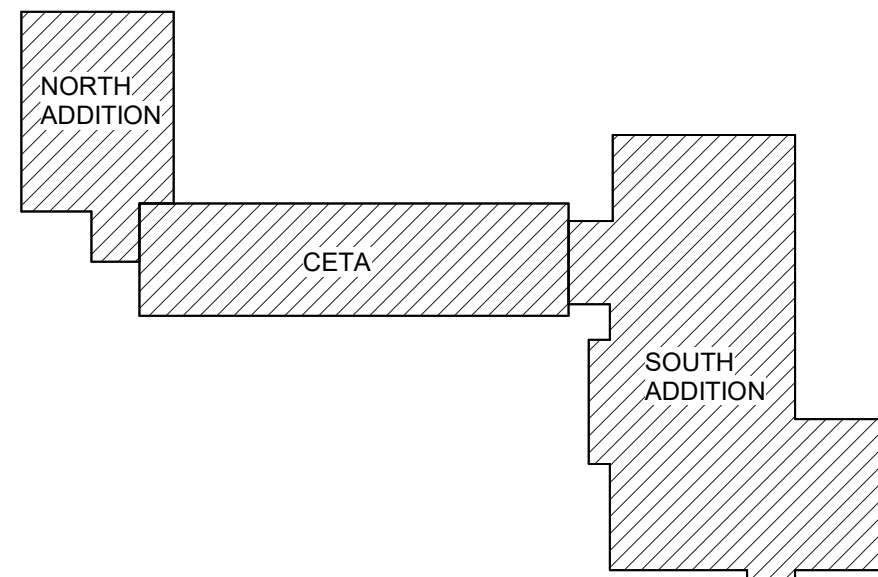
1. INSTALL FIRE DAMPER AT EACH DUCT FLOOR PENETRATION.
2. WHERE NOT OTHERWISE INDICATED, PROVIDE FIRE DAMPERS WHERE DUCTS PASS THROUGH FIRE RATED BARRIERS. REFER TO SHEETS G-108 THROUGH G-111.

KEYNOTES

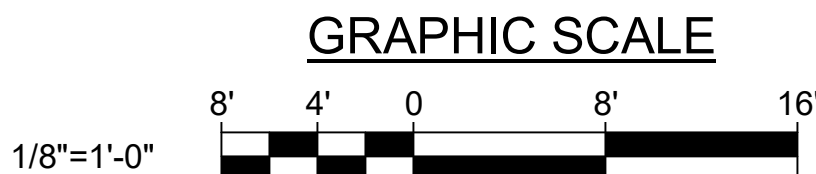
- 1 8ø RETURN AIR DUCT BEYOND.



1 CETA SECTION EAST
M-302 SCALE: 1/8" = 1'-0"

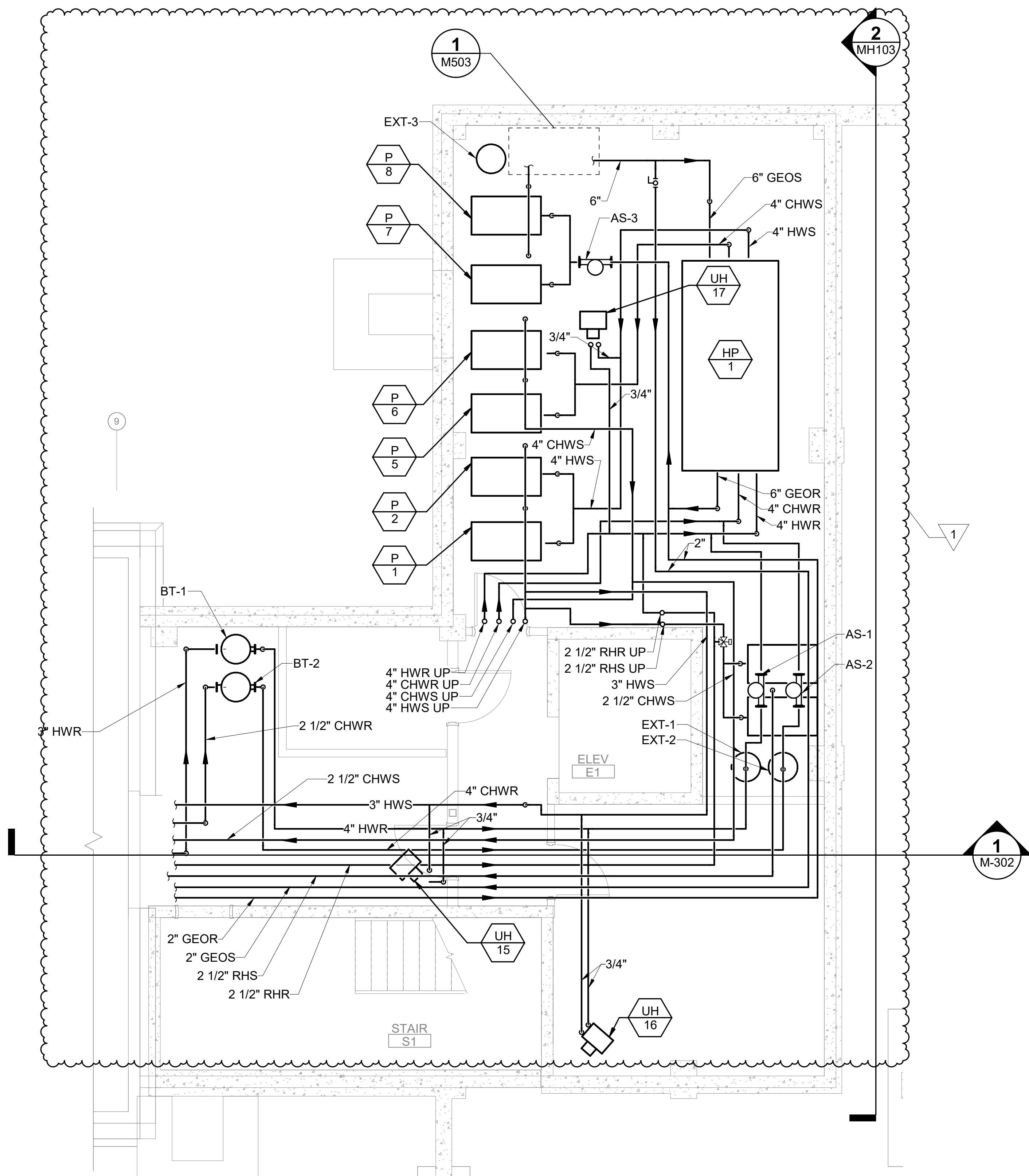


KEYPLAN
NOT TO SCALE
PLAN
NORTH

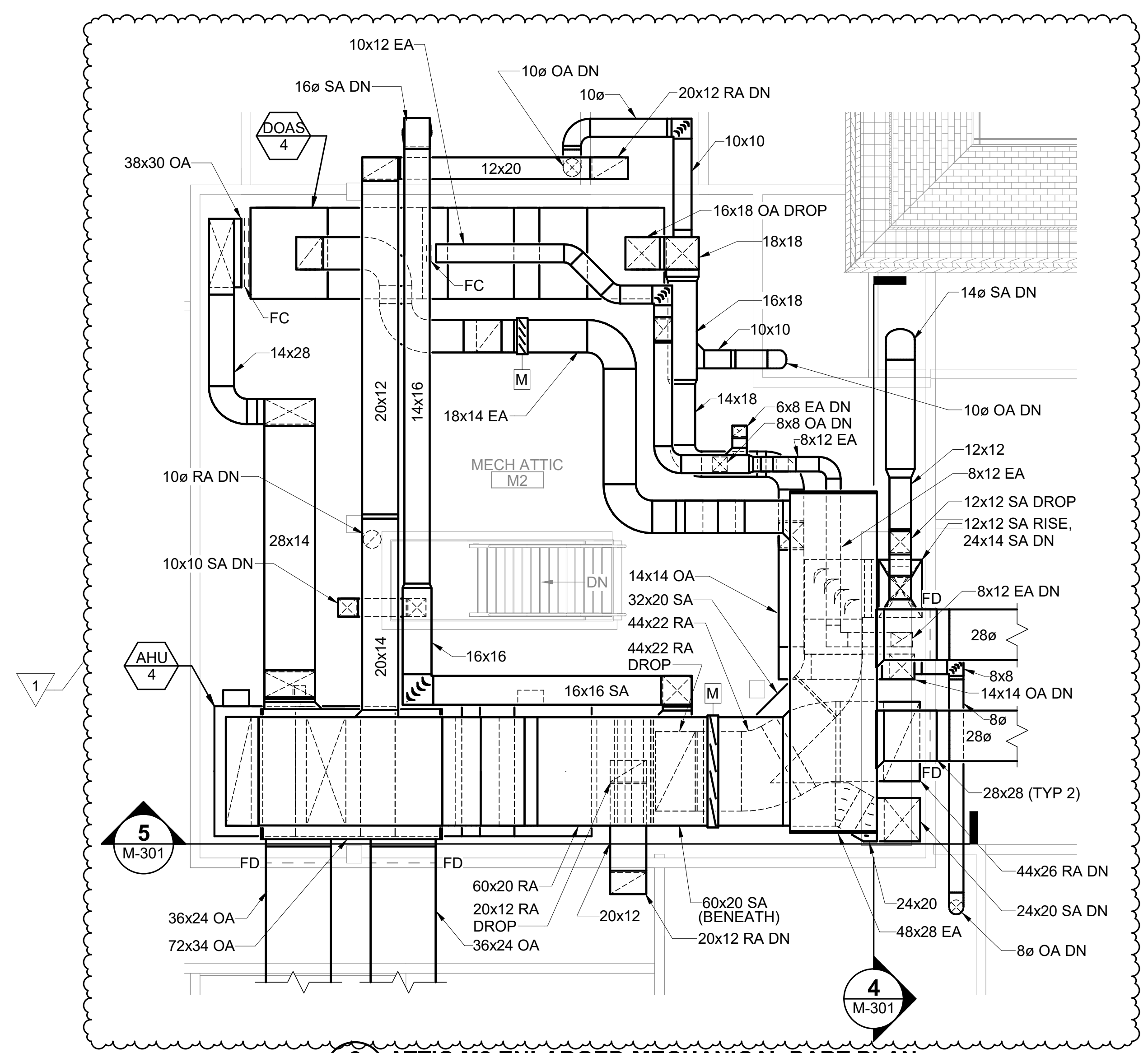


CHECK GRAPHIC SCALE BEFORE USING

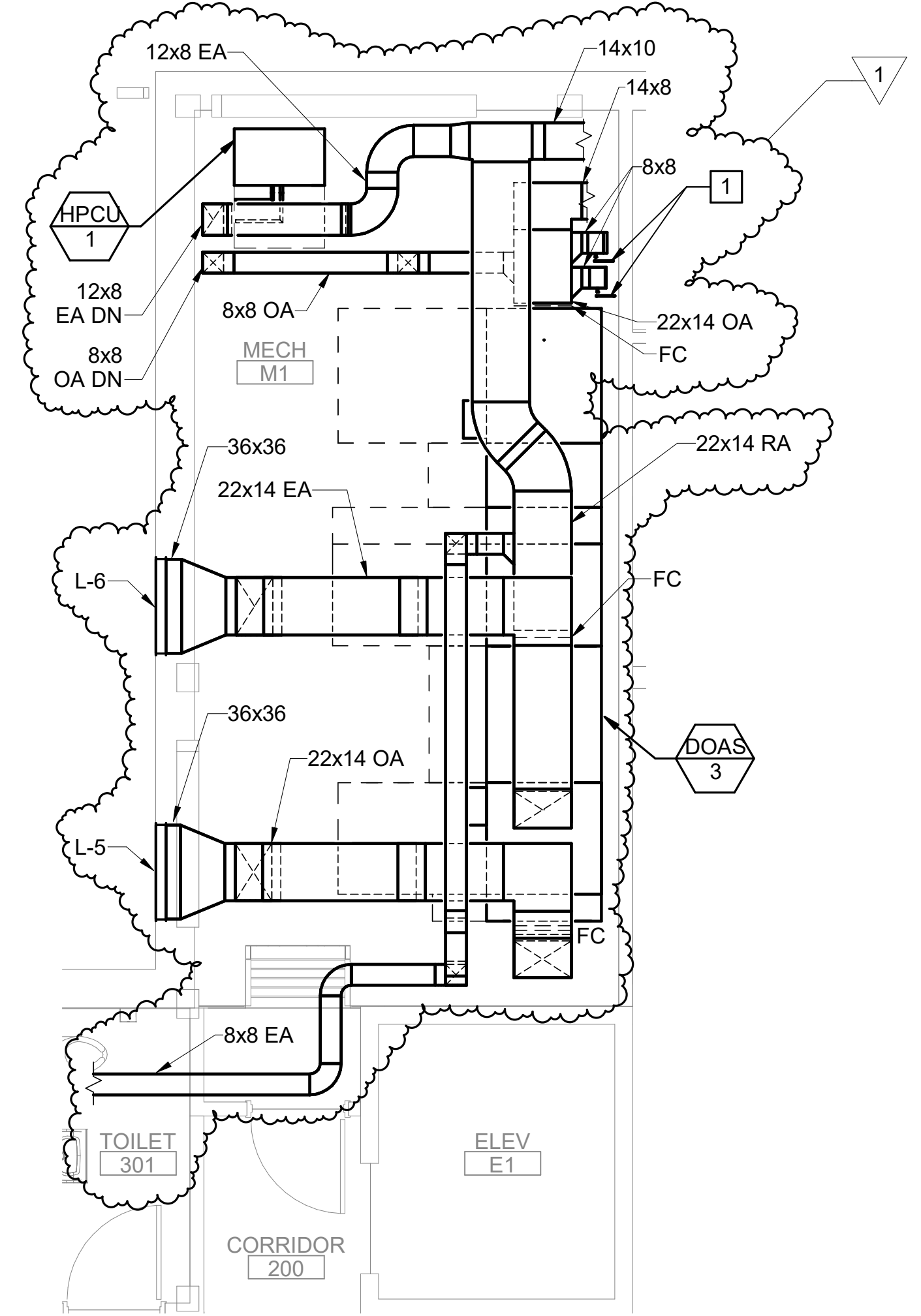
						DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
				DRAWN BY:		TITLE: NEW OFFICE HEADQUARTERS	
				CHECK BY: Designer		LOCATION: AUGUSTA, ME	
				DATE: 01/29/2025		TITLE THIS DWS: MECHANICAL SECTIONS 2	
						OAK POINT ASSOCIATES	
						DRAWING NO. M-302	
						SHEET NO.	
						200 OF 239	



1 ENLARGED BASEMENT MECHANICAL PIPING PART PLAN
M-401 SCALE: 1/4" = 1'-0"



2 ATTIC M2 ENLARGED MECHANICAL PART PLAN
M-401 SCALE: 1/4" = 1'-0"



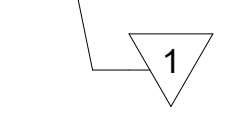
3 MEZZANINE M1 ENLARGED MECHANICAL PART PLAN
M-401 SCALE: 1/4" = 1'-0"

GENERAL NOTES

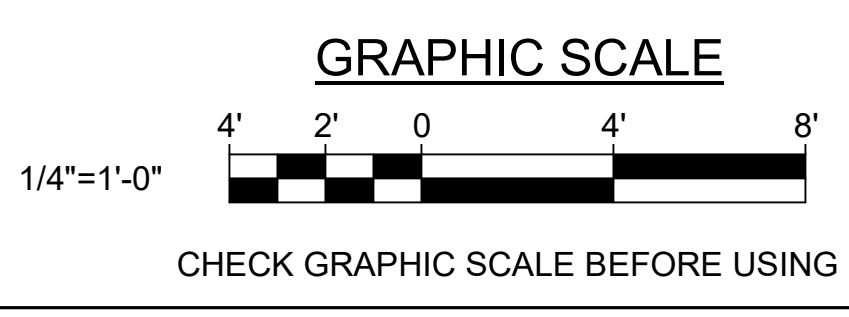
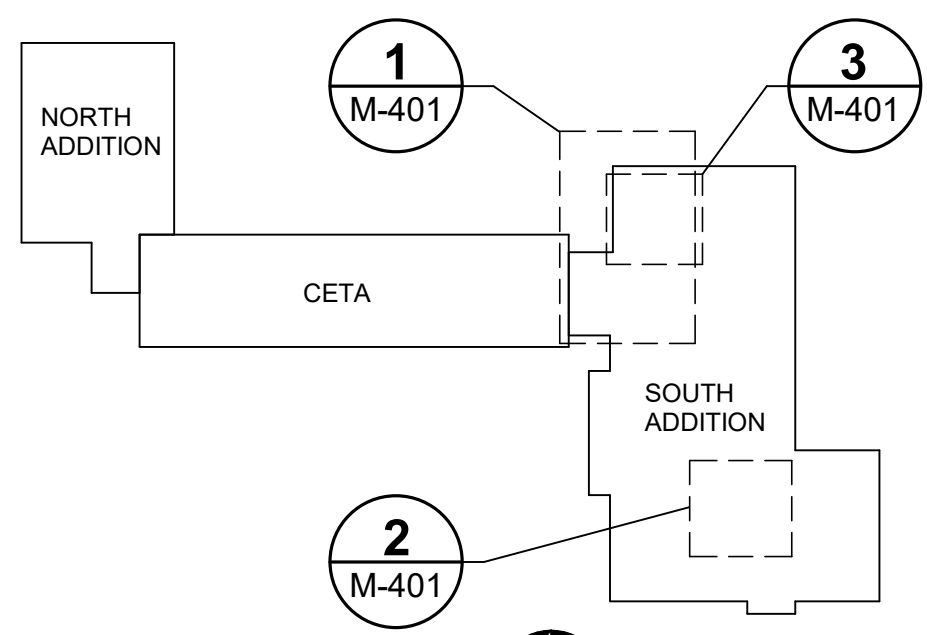
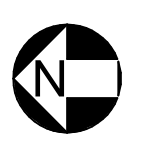
1. INSTALL FIRE DAMPER AT EACH DUCT FLOOR PENETRATION.
2. WHERE NOT OTHERWISE INDICATED, PROVIDE FIRE DAMPERS WHERE DUCTS PASS THROUGH FIRE RATED BARRIERS. REFER TO SHEETS G-108 THROUGH G-111.

KEYNOTES

- 1 BALANCE TO 250 CFM.

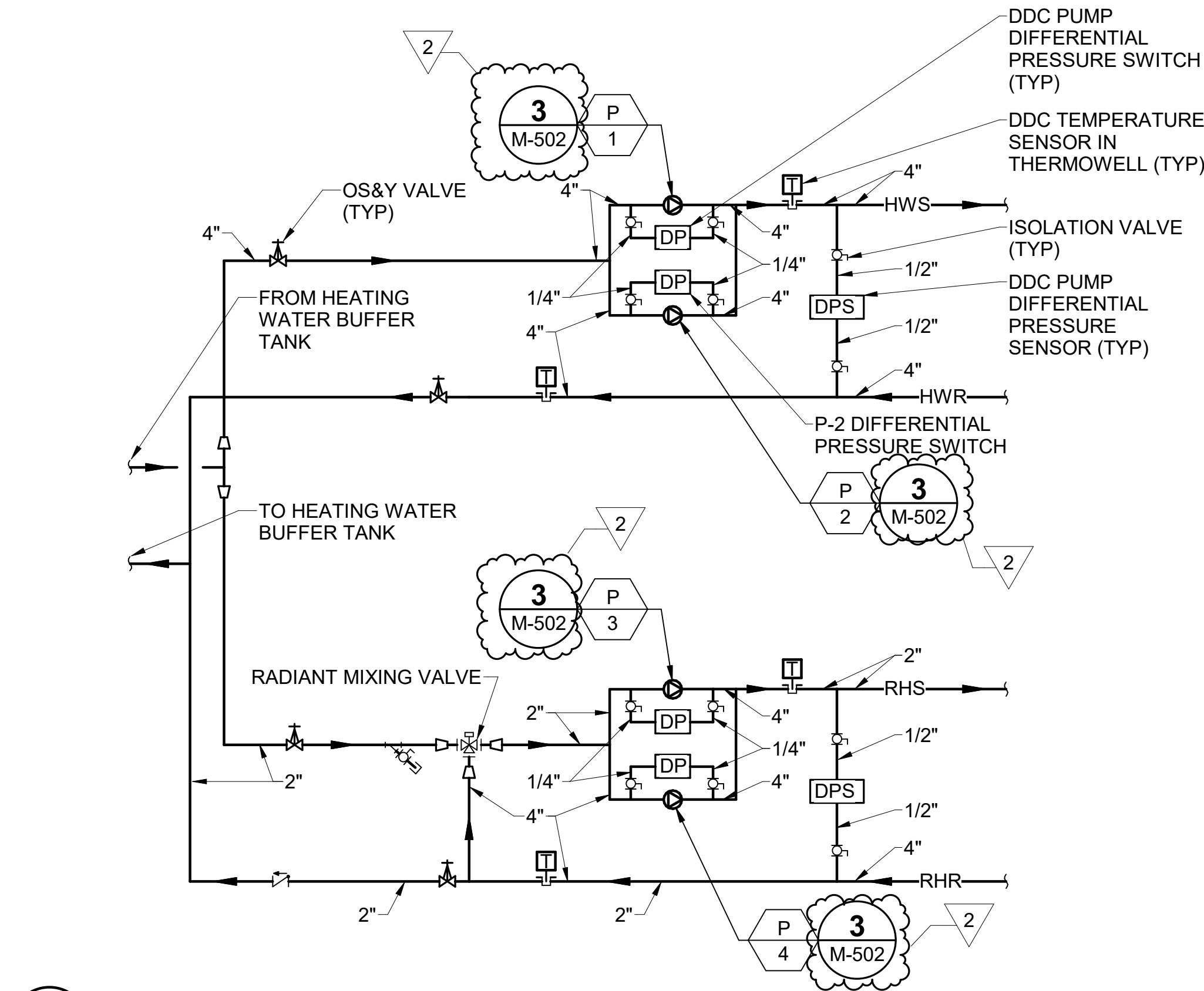


KEYPLAN
NOT TO SCALE

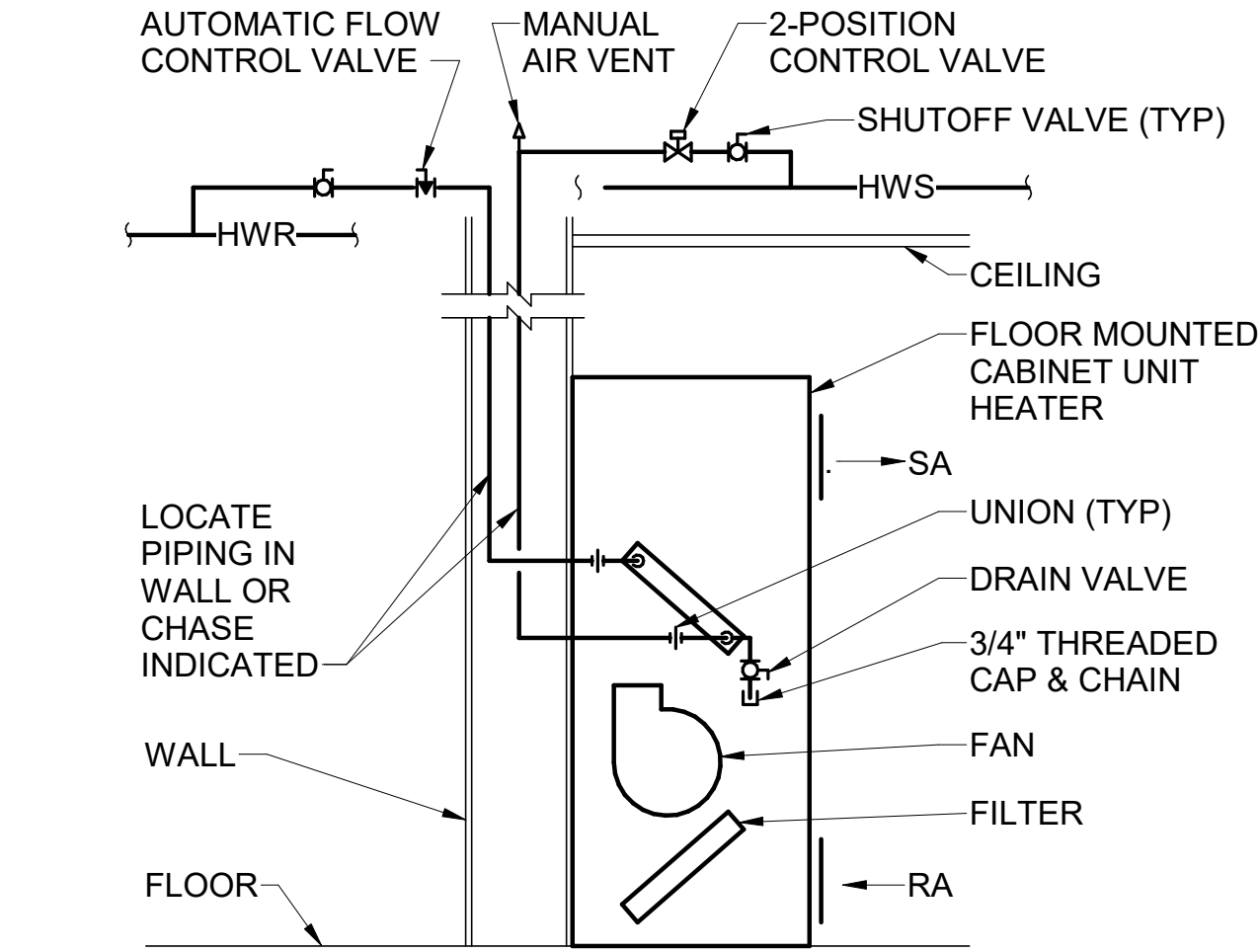


DEPARTMENT OF INLAND FISHERIES & WILDLIFE			
TITLE: NEW OFFICE HEADQUARTERS			
LOCATION: AUGUSTA, ME			
TITLE THIS DWG: ENLARGED MECHANICAL PART PLANS			
DRAWN BY: MSA		CHECK BY: MSA	
DATE: 01/29/2025		DATE: 01/29/2025	
REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	3/13/25	ADDENDUM NO. 6	MSA

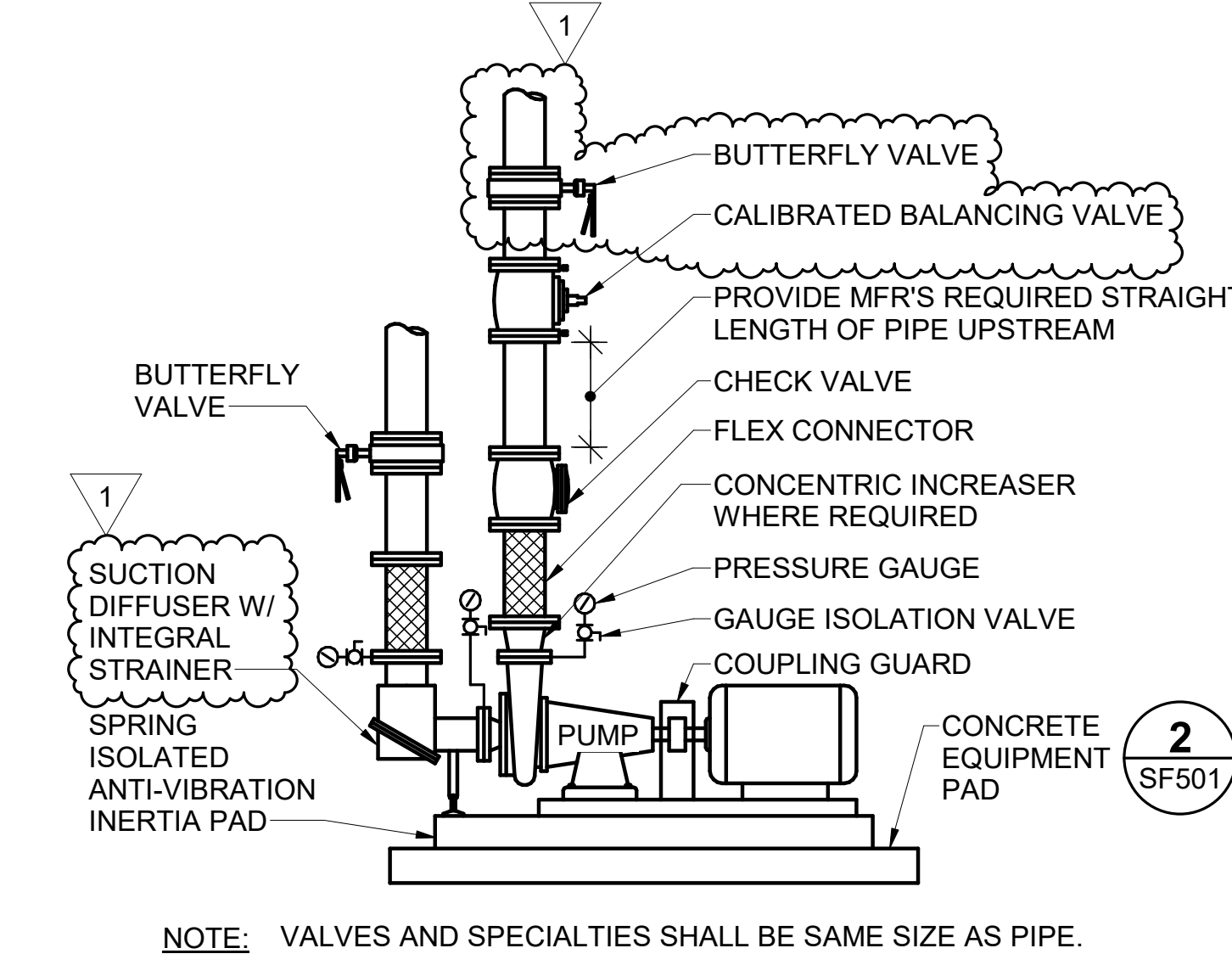
DRAFTING NO. M-401	
SHEET NO. 201 OF 239	



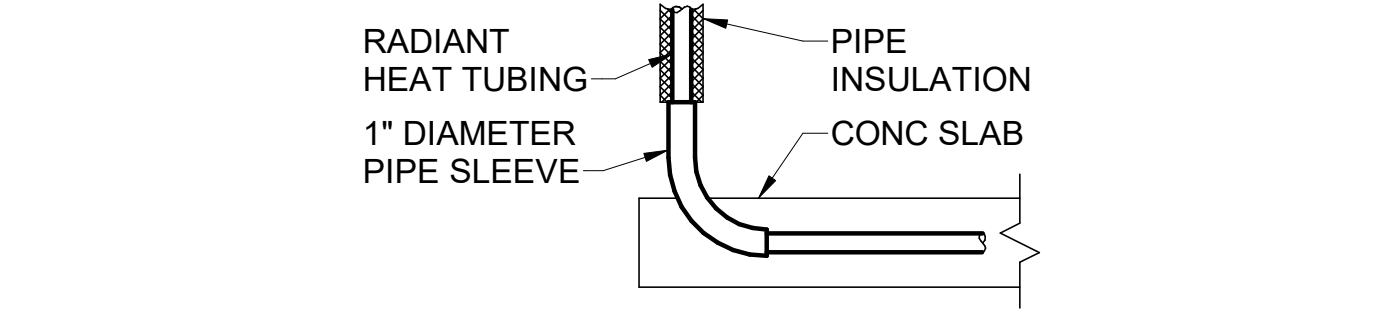
1 HEATING WATER PUMPING SCHEMATIC
M-502 SCALE: NTS



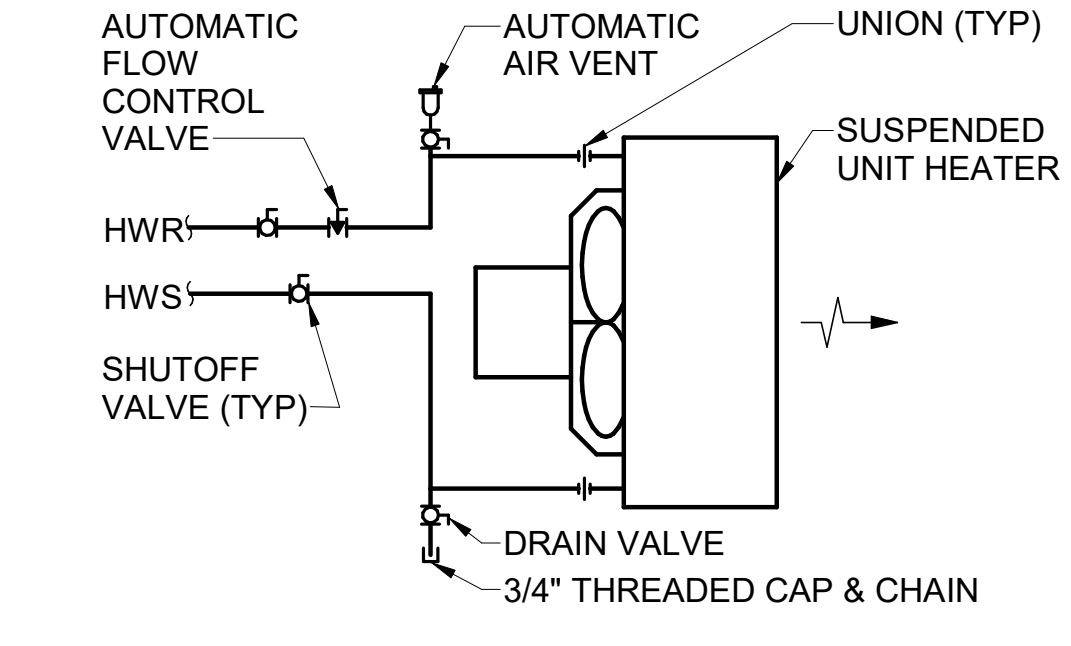
2 CABINET HEATER PIPING SCHEMATIC
M-502 SCALE: NTS



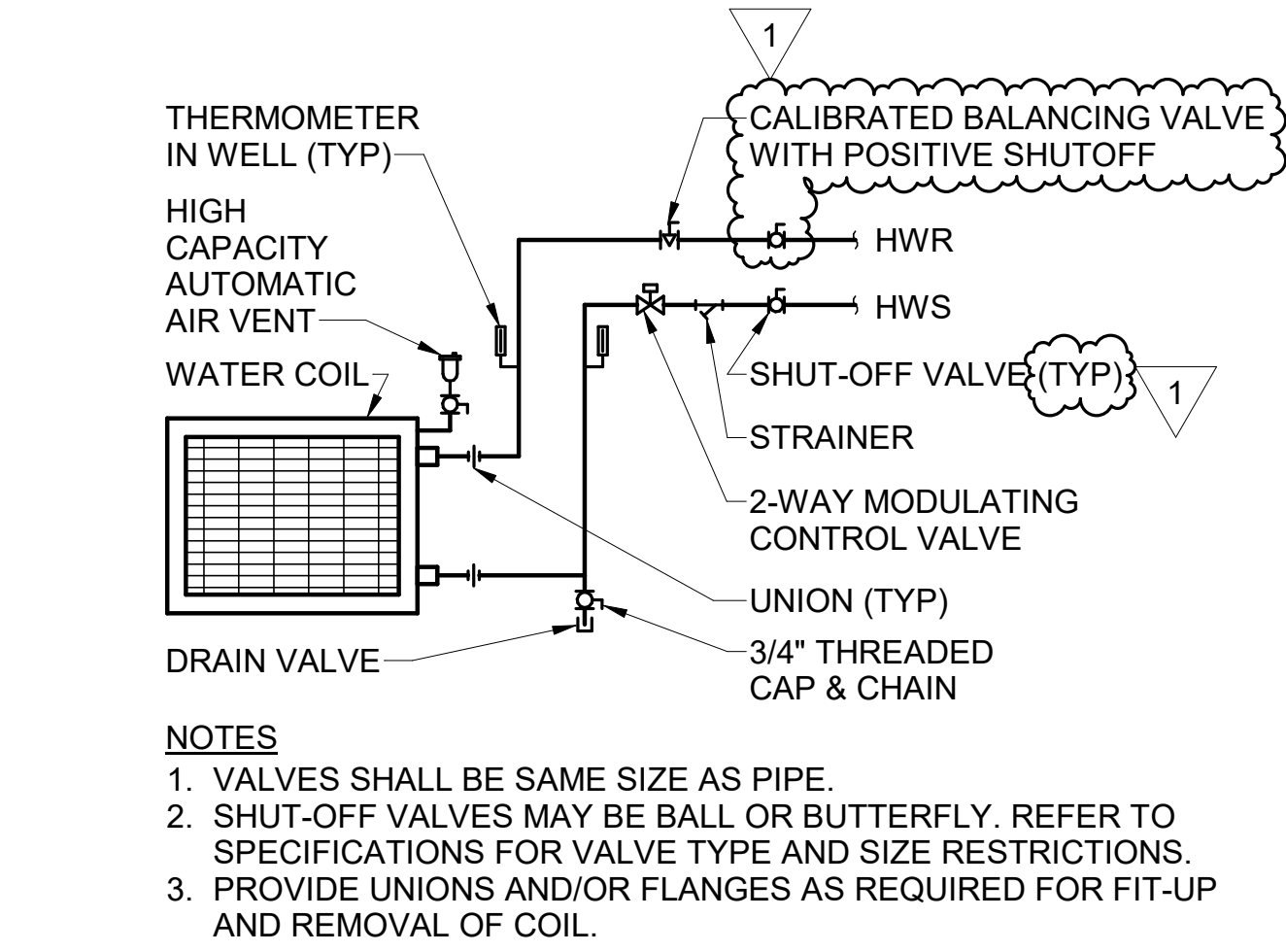
3 SEPARATELY COUPLED END SUCTION PUMP DETAIL
M-501 M-502 SCALE: NTS



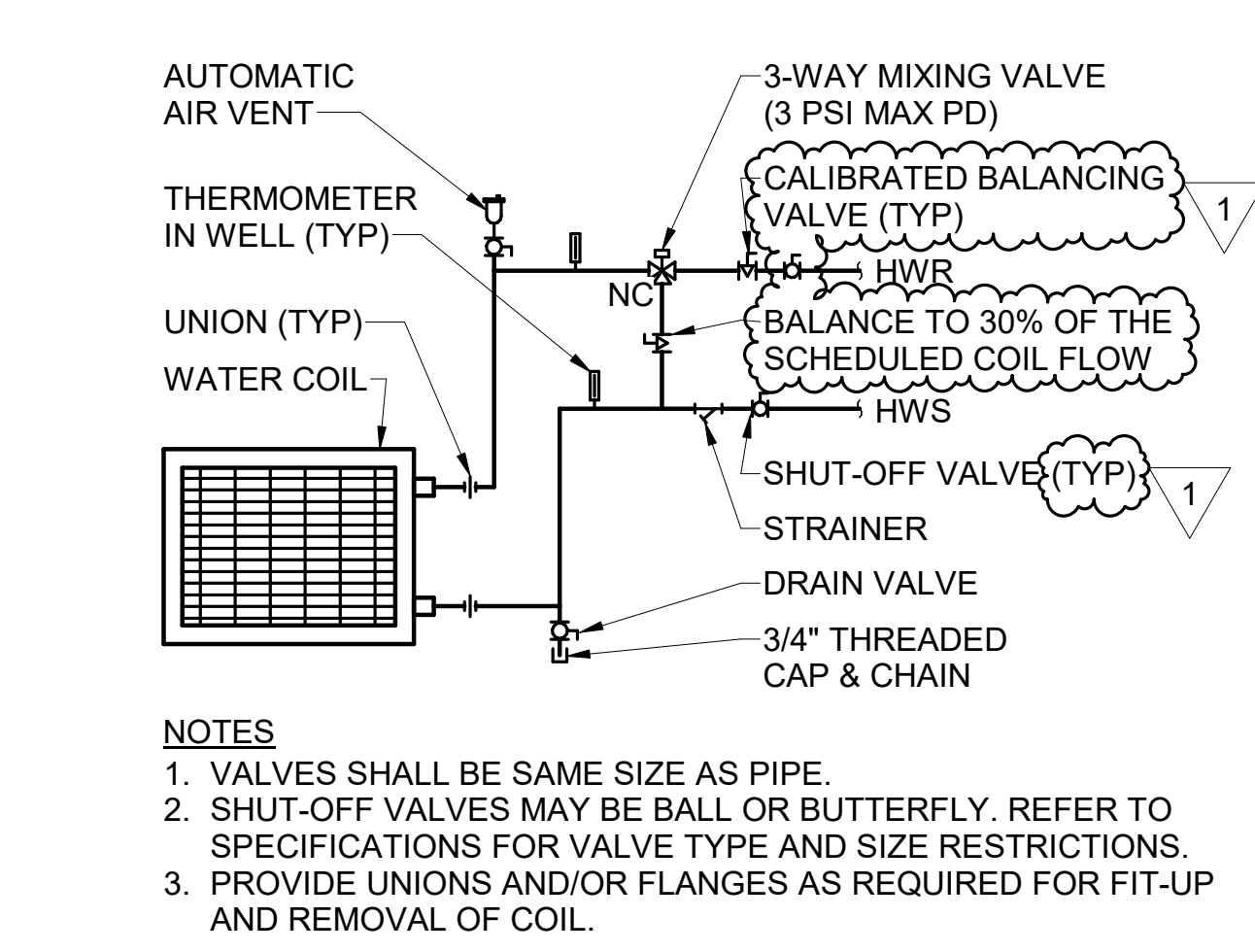
4 TYPICAL RADIANT HEAT TUBING ENTERING OR EXITING CONCRETE SLAB DETAIL
M-502 SCALE: NTS



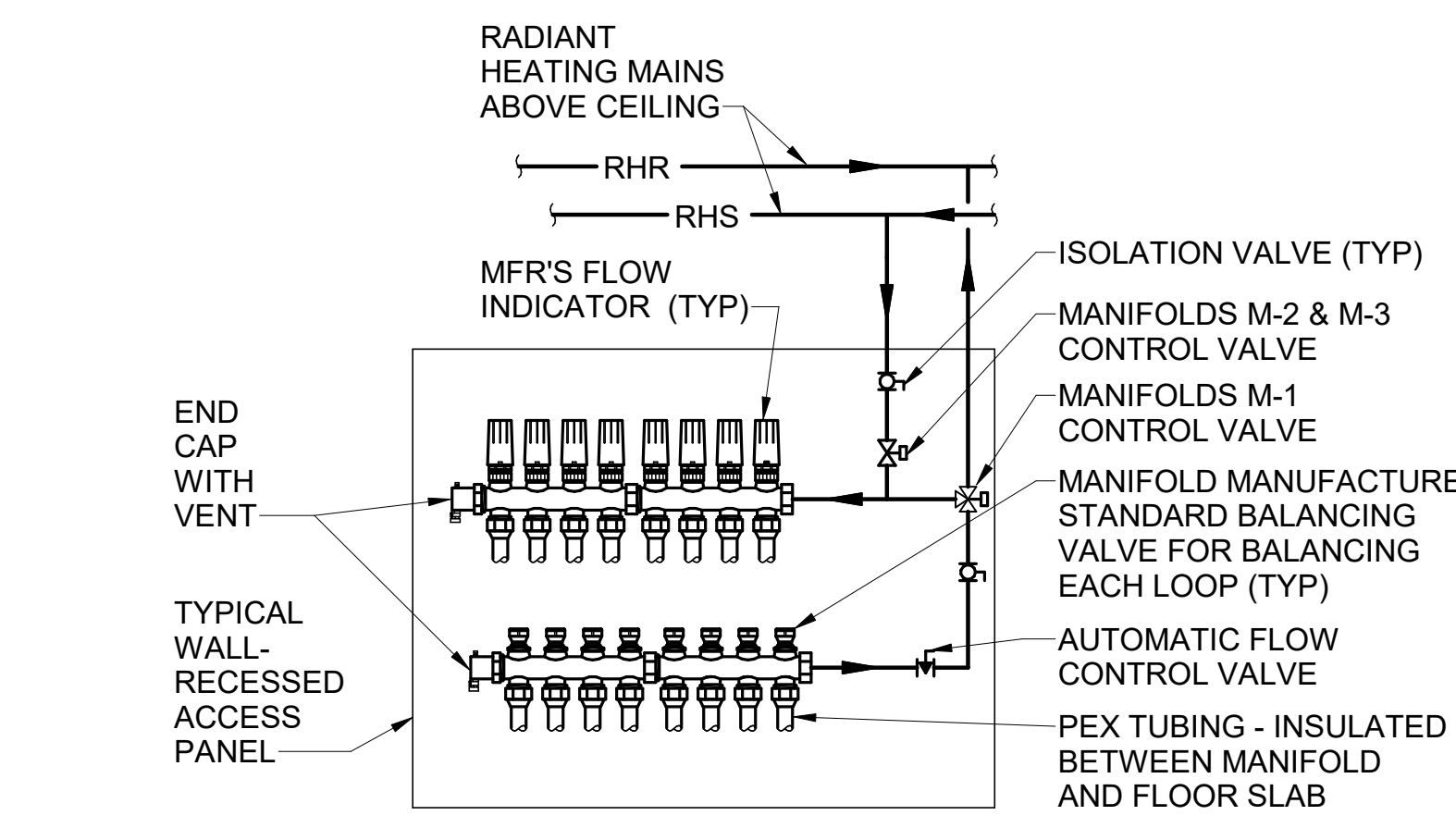
5 UNIT HEATER WATER COIL PIPING SCHEMATIC
M-502 SCALE: NTS



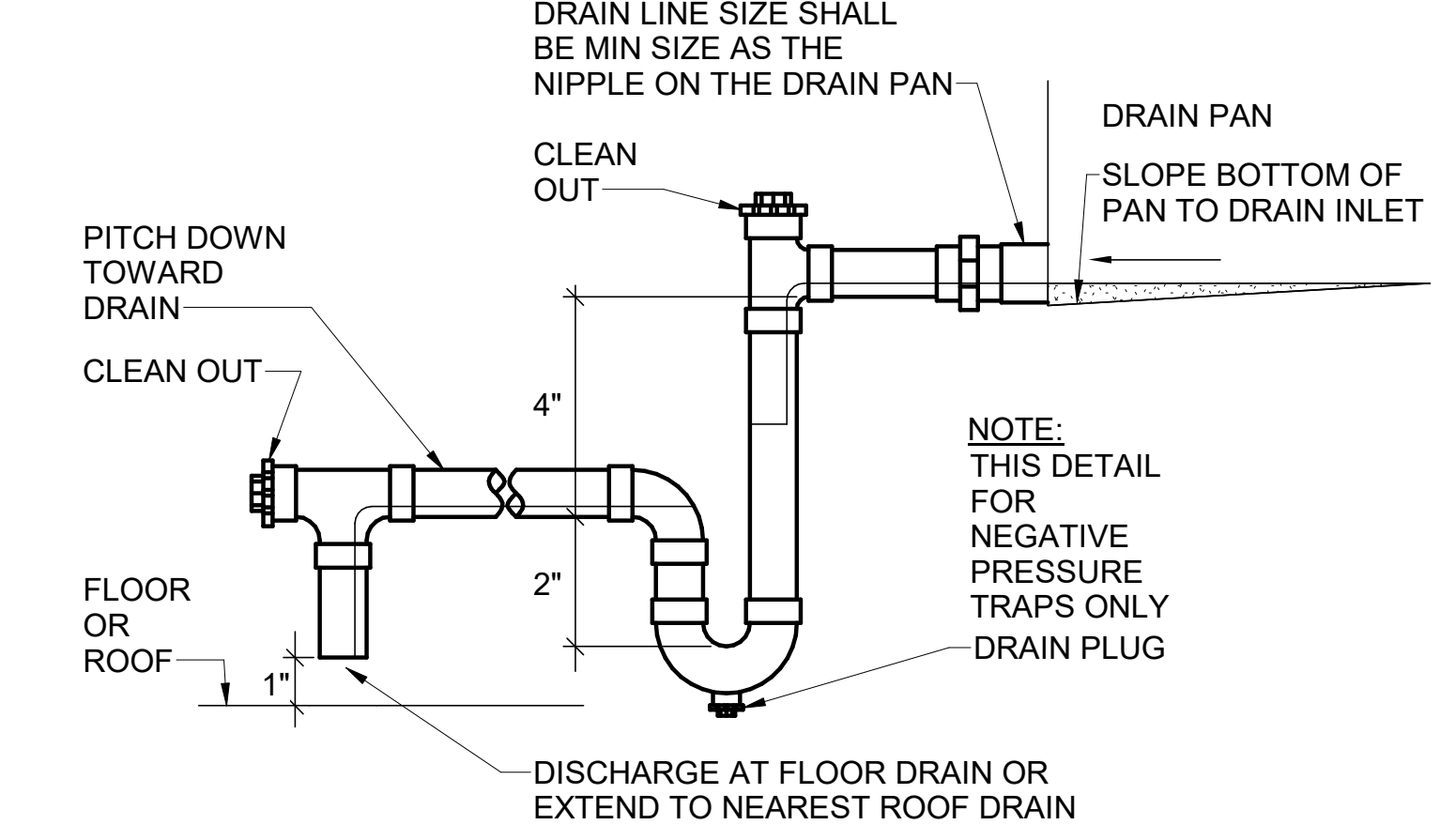
6 COIL WITH 2-WAY VALVE PIPING SCHEMATIC
M-502 SCALE: NTS



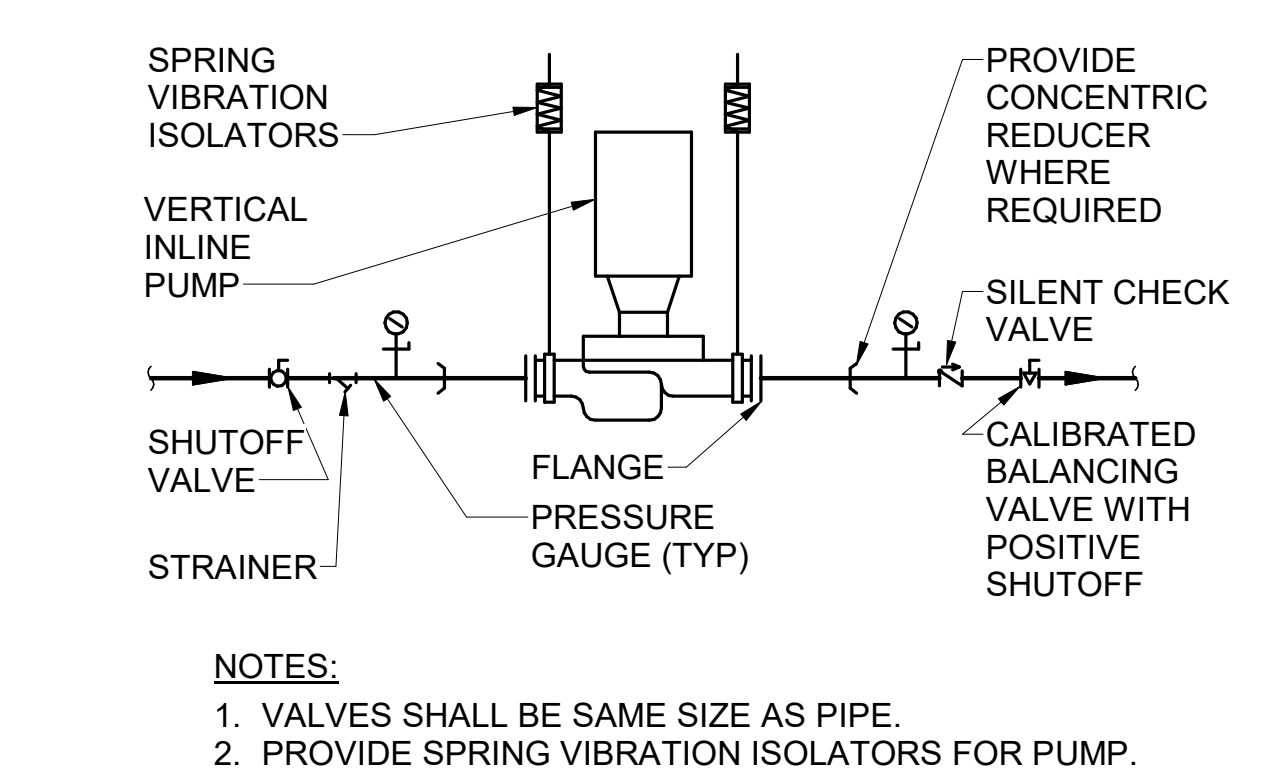
7 COIL WITH 3-WAY VALVE PIPING SCHEMATIC
M-502 SCALE: NTS



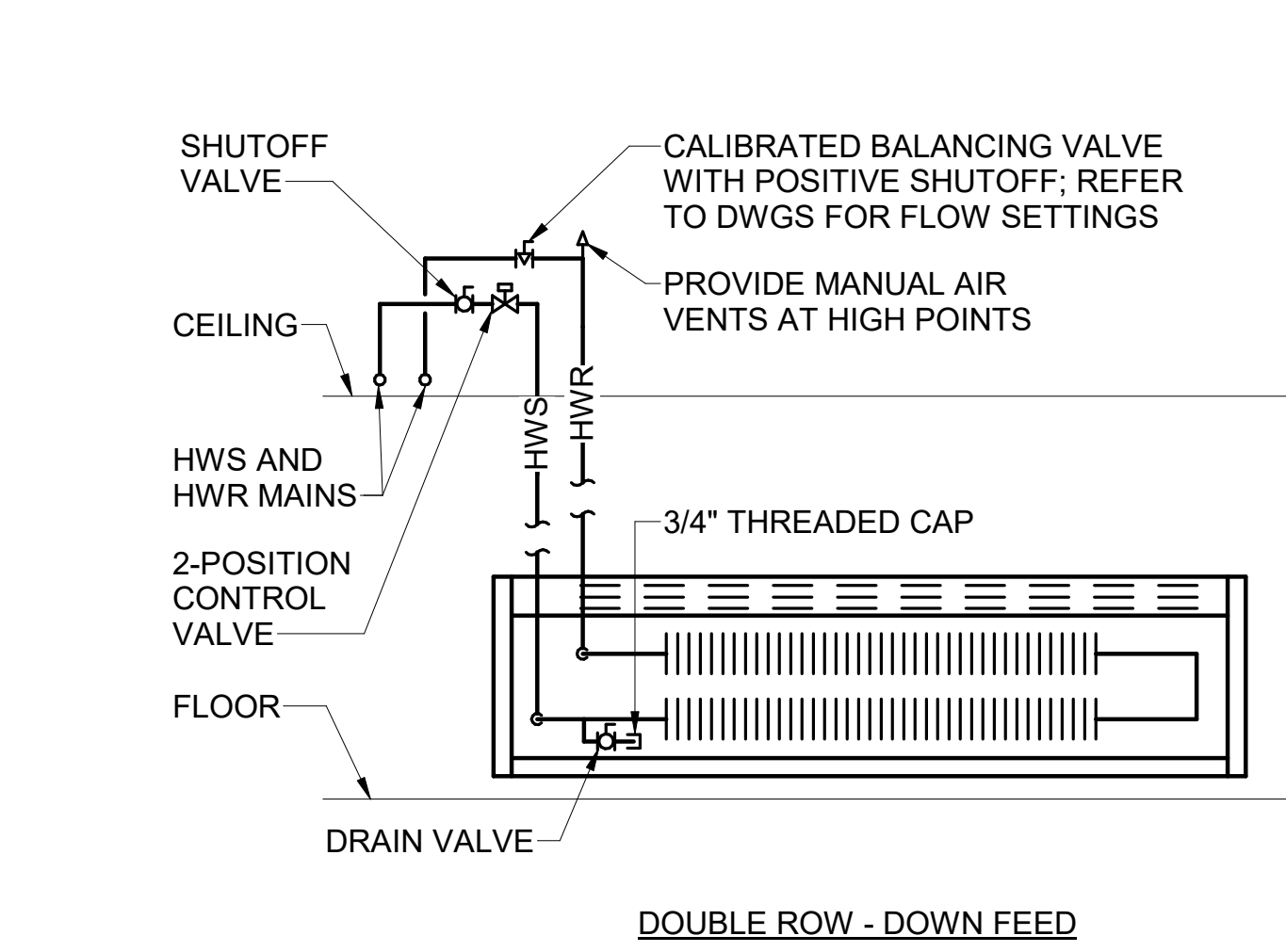
8 TYPICAL RADIANT HEAT MANIFOLD DIAGRAM
M-502 SCALE: NTS



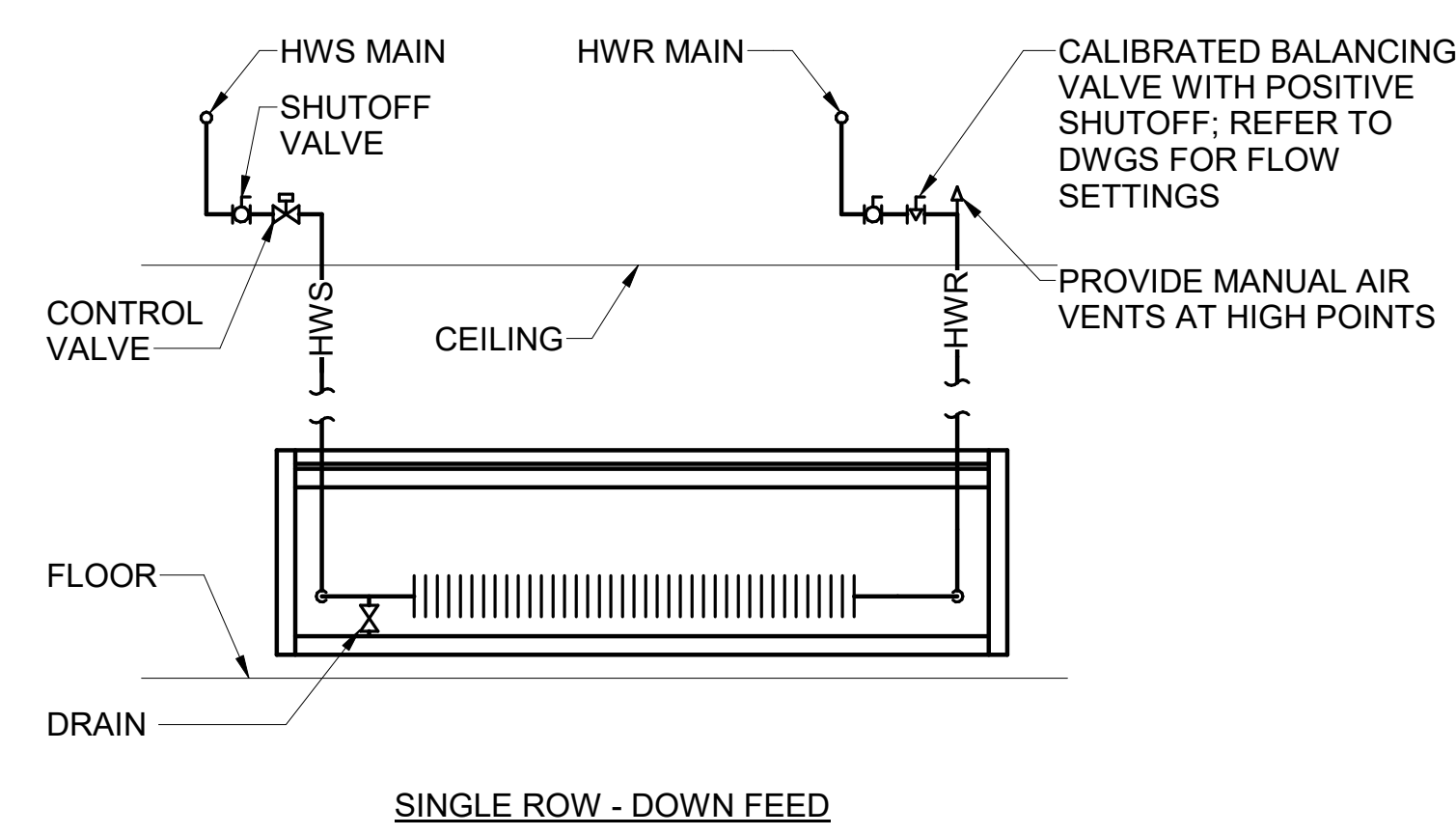
9 CONDENSATE TRAP DETAIL
M-502 SCALE: NTS



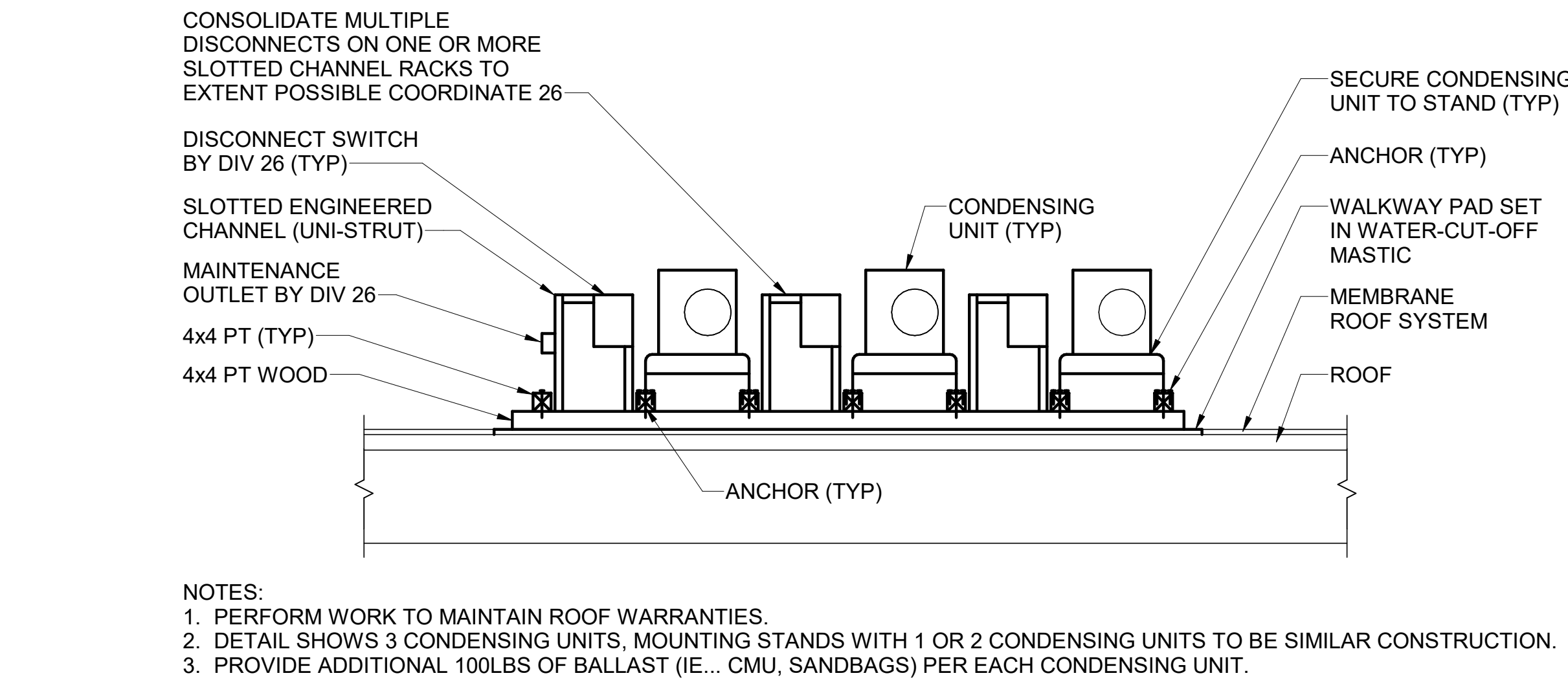
10 INLINE PUMP PIPING DETAIL
M-502 SCALE: NTS



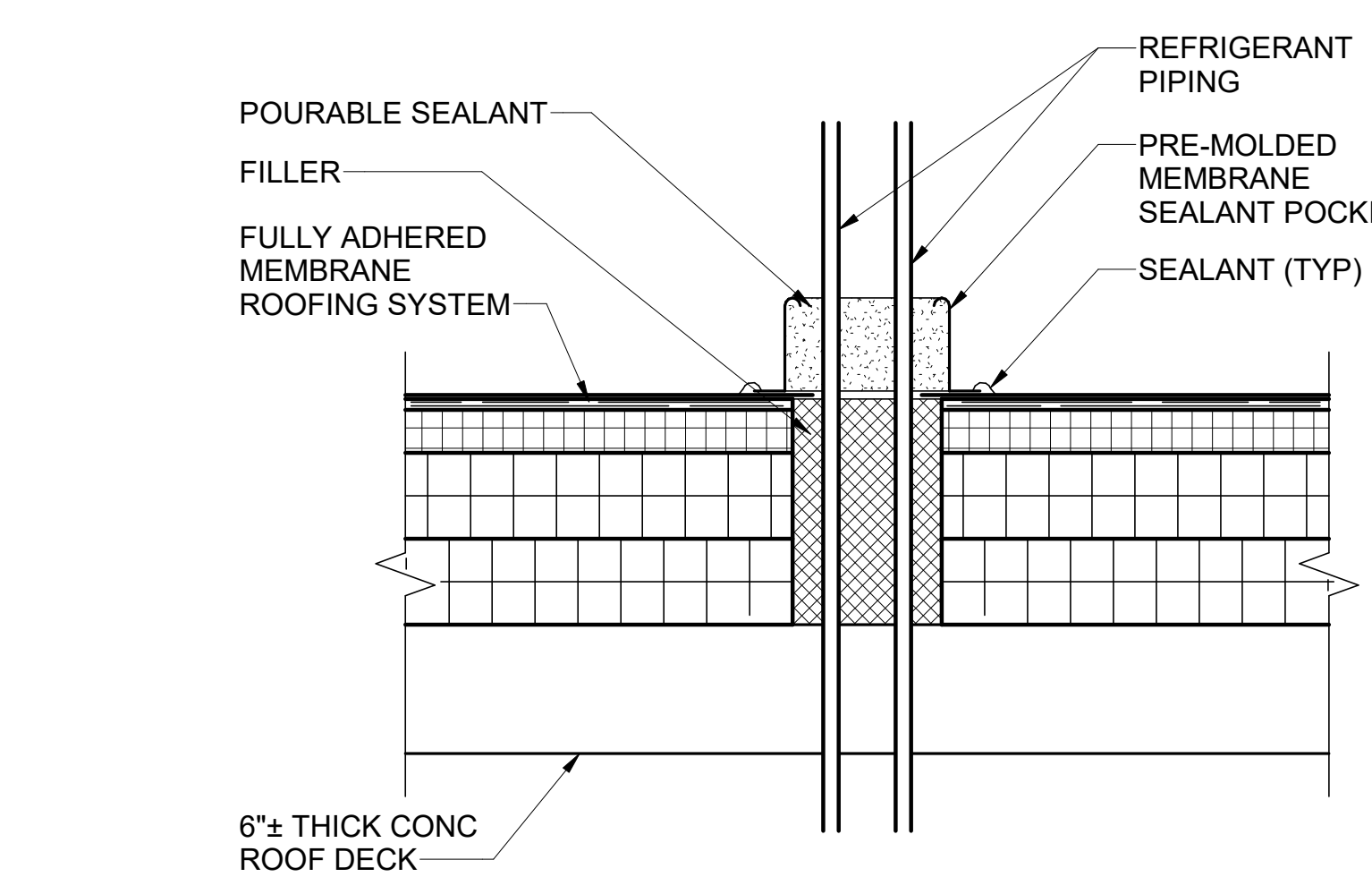
11 FINTUBE RADIATION DETAILS
M-502 SCALE: NTS



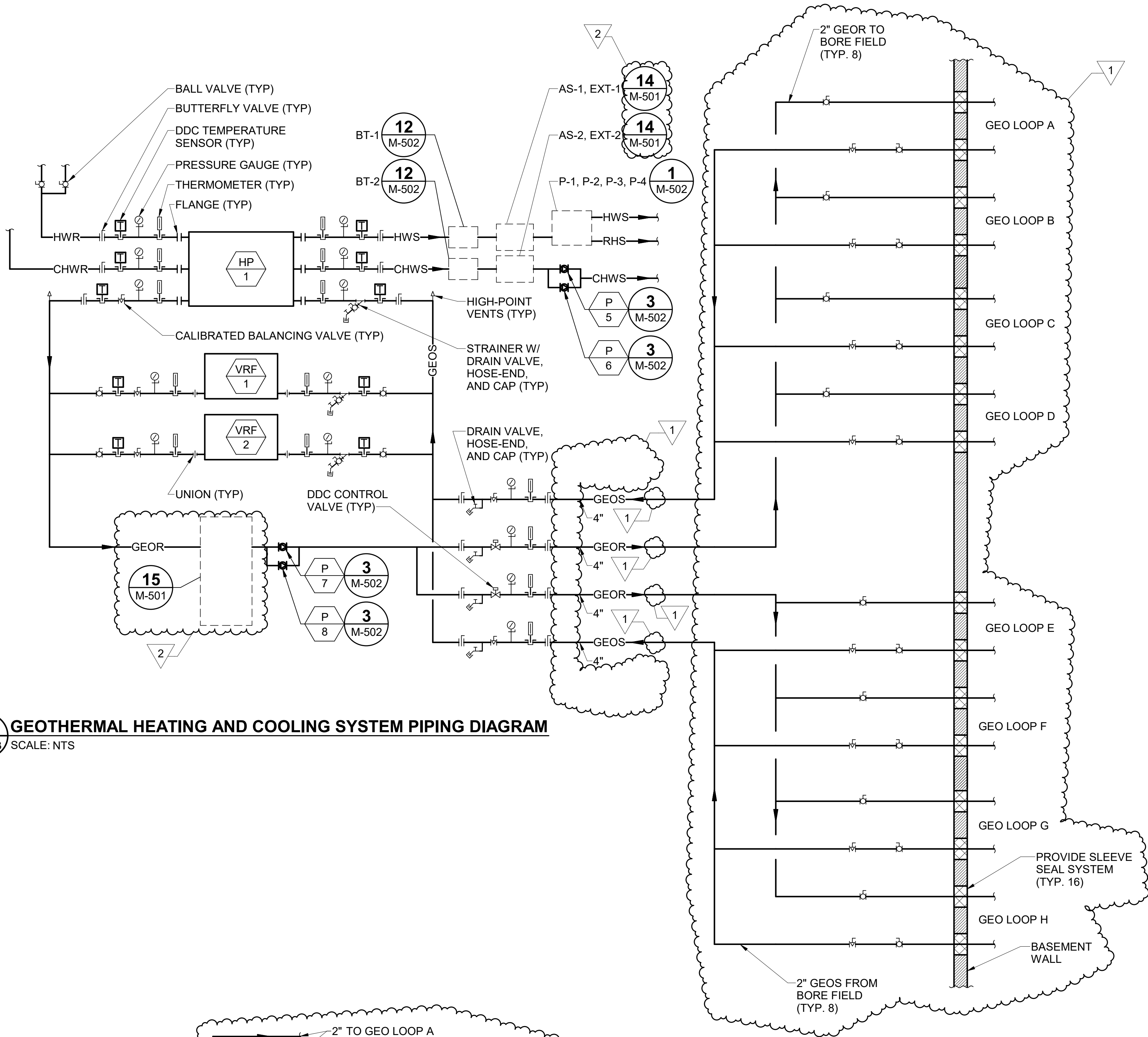
12 TYPICAL CONDENSING UNIT MOUNTING STAND DETAIL
MH103 M-502 SCALE: NTS



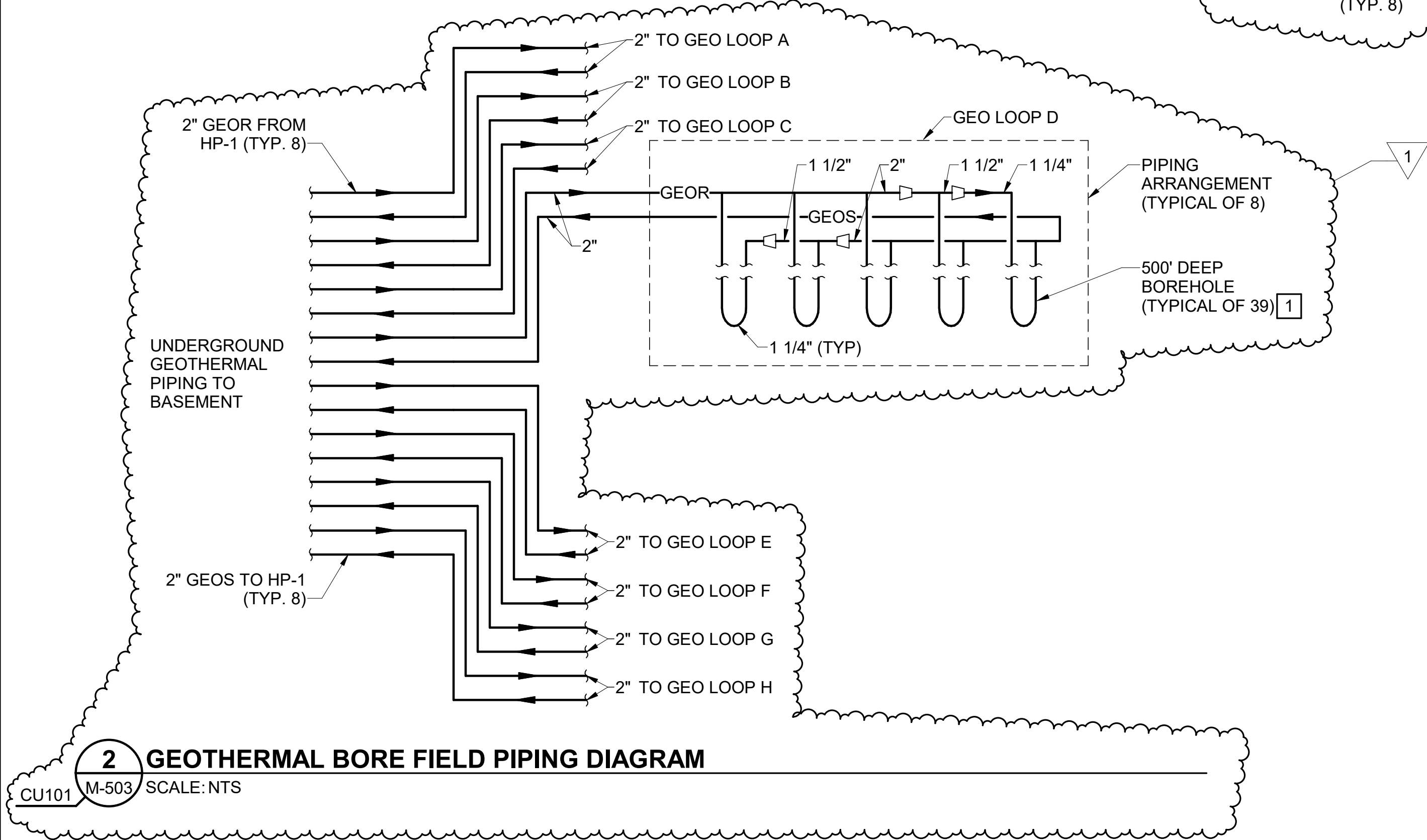
13 TYPICAL PITCH POCKET DETAIL
MH103 M-502 SCALE: NTS



14 TYPICAL PITCH POCKET DETAIL
MH103 M-502 SCALE: NTS



1 GEOTHERMAL HEATING AND COOLING SYSTEM PIPING DIAGRAM
M-503 SCALE: NTS



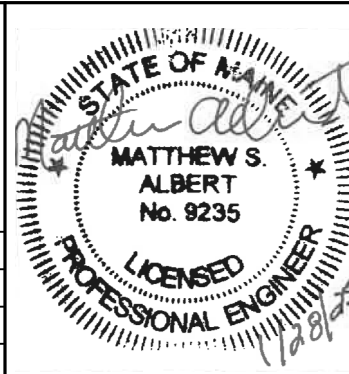
2 GEOTHERMAL BORE FIELD PIPING DIAGRAM
CU101 M-503 SCALE: NTS

GENERAL NOTE

1. REFER TO SHEET CU101 FOR BORE FIELD LAYOUT, LOCATION OF EXISTING BORE HOLE, AND TRENCHES.

KEYNOTE

- 1 IN ADDITION TO THE (39) 500' BOREHOLES, CONNECT TO EXISTING 460' DEEP BOREHOLE THAT WAS USED FOR THERMAL CONDUCTIVITY TESTING. TOTAL NUMBER OF BOREHOLES = 40.

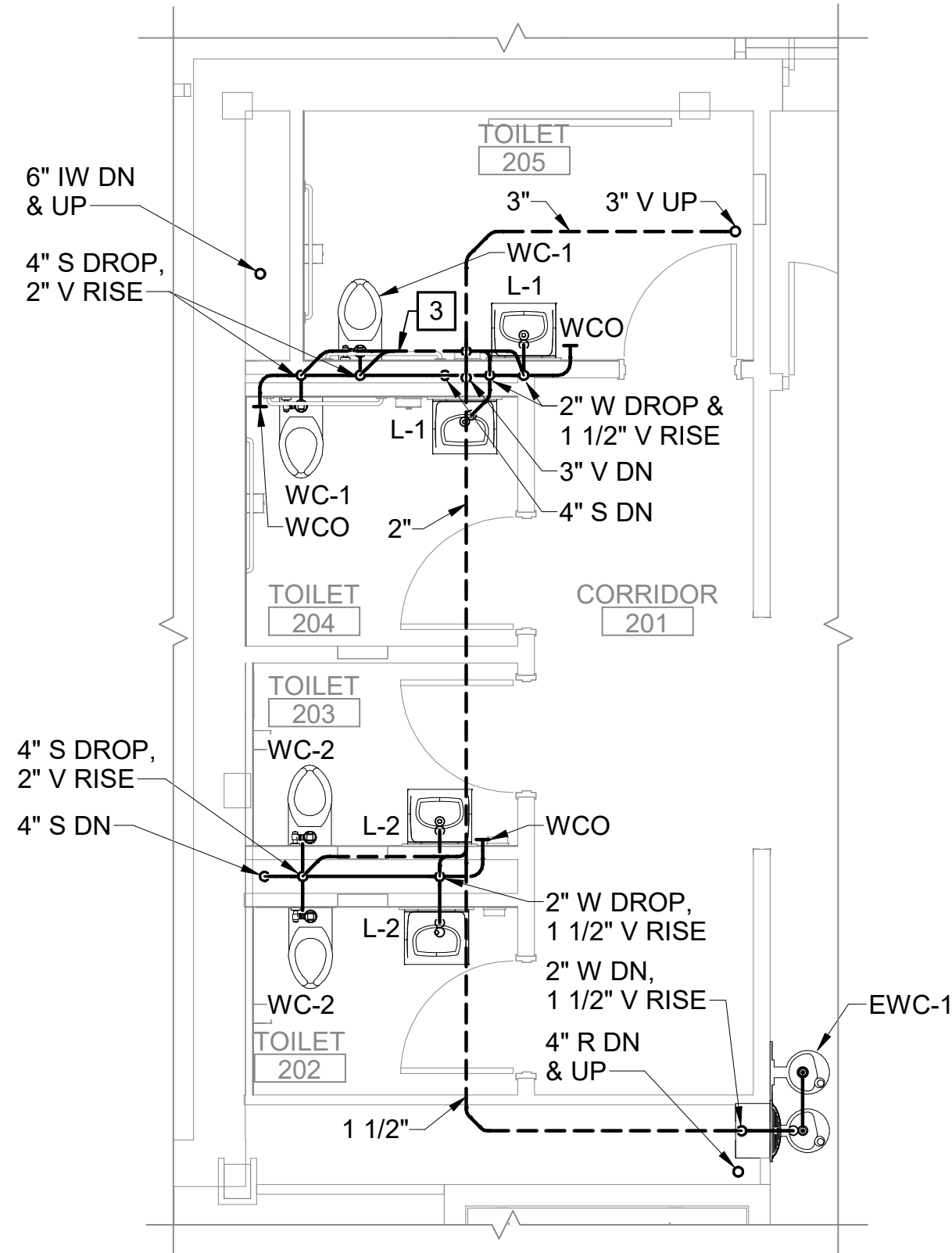
						DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
				TITLE NEW OFFICE HEADQUARTERS			
				LOCATION AUGUSTA, ME			
				TITLE THIS DWS MECHANICAL DETAILS 3			
				DRAWN BY: MSA			
				CHECK BY: MSA		M-503	
				DATE 01/29/2025		SHEET NO.	
				REVISIONS		204 OF 239	

GENERAL NOTES

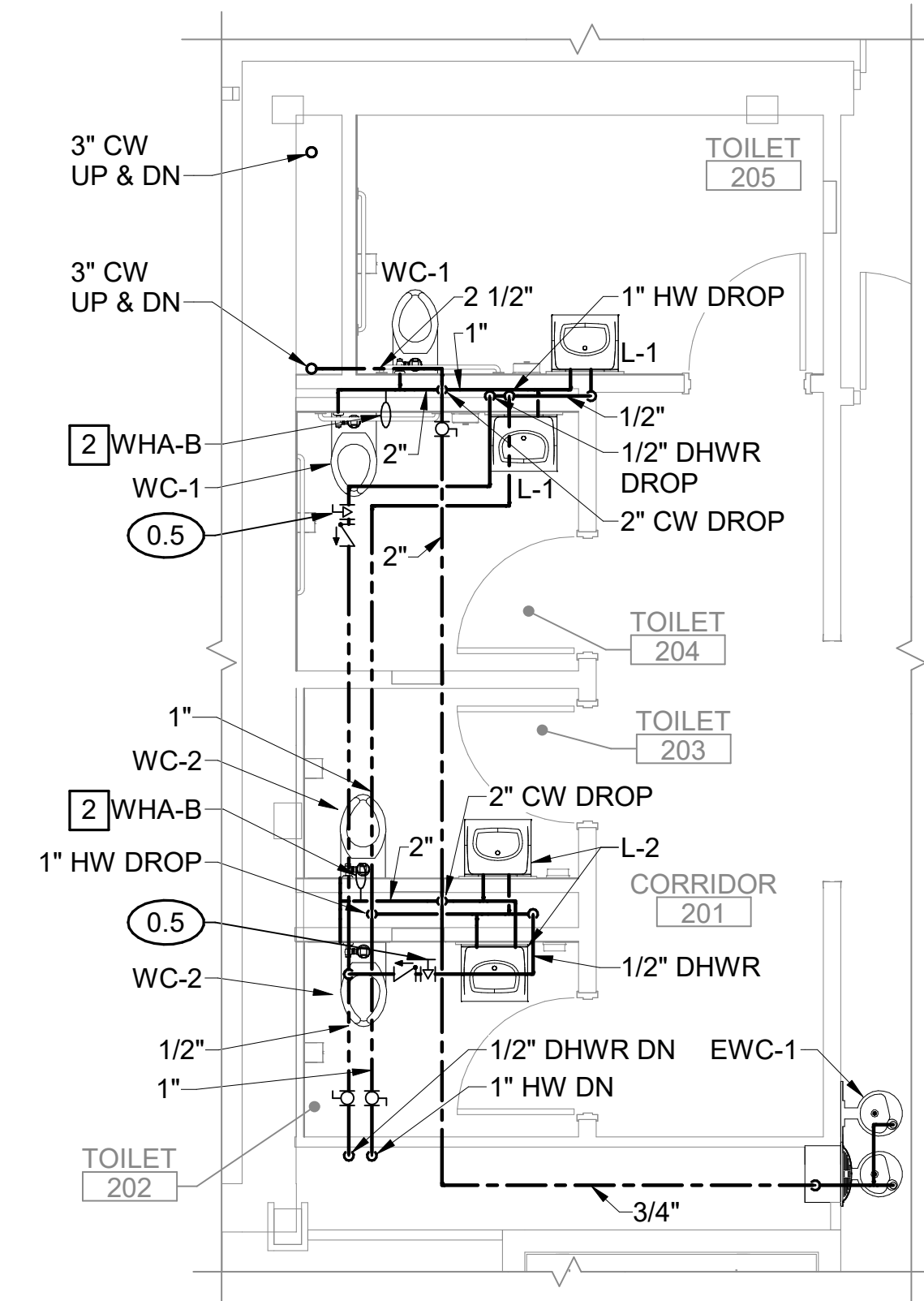
- 1. REFER TO GENERAL NOTES ON P-001 FOR REQUIRED PIPE SLOPES.
- 2. FOR FLOOR AND WALL PENETRATION DETAILS REFER TO P-501.
- 3. FOR PIPE HANGER AND SUPPORT DETAILS REFER TO P-501.
- 4. PROVIDE A PAINTABLE PVC JACKET ON EXPOSED, INSULATED PIPING.

KEYNOTES

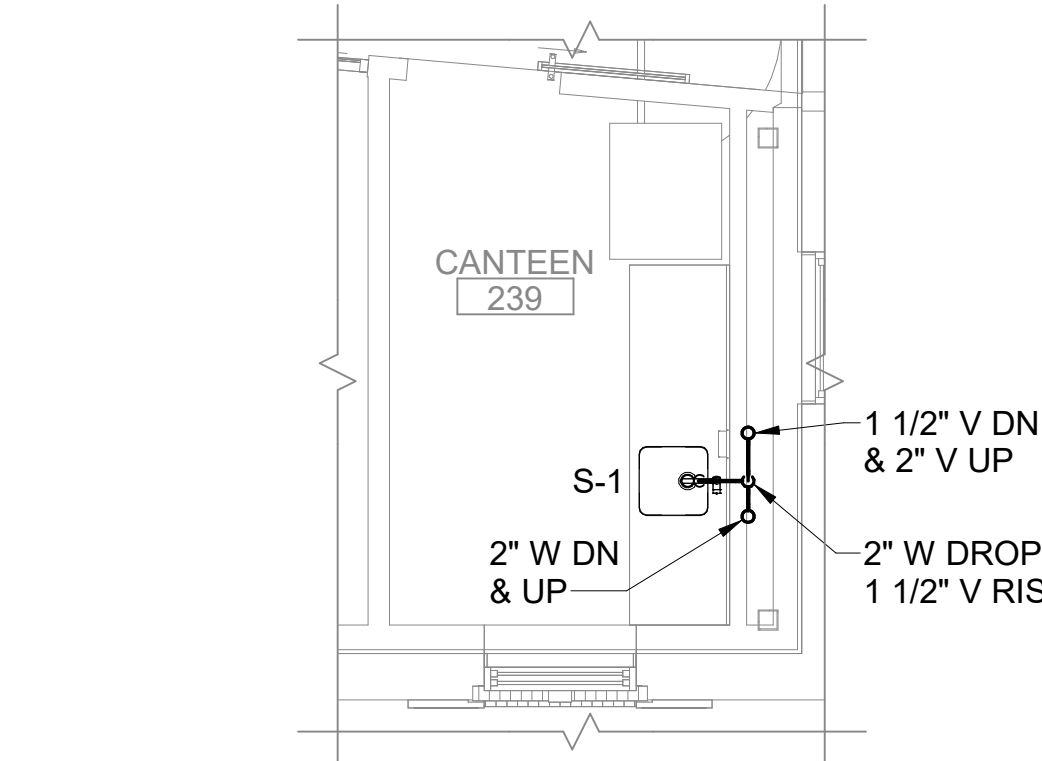
- 1 ICE MAKER OUTLET BOX WITH SHUT-OFF VALVE AND CONNECTION TO REFRIGERATOR.
- 2 PROVIDE ACCESS DOORS FOR WATER HAMMER ARRESTORS AND HOT WATER BALANCING VALVES.
- 3 PIPING IS TO BE LOCATED IN CHASE AND IS SHOWN OFFSET FOR CLARITY.



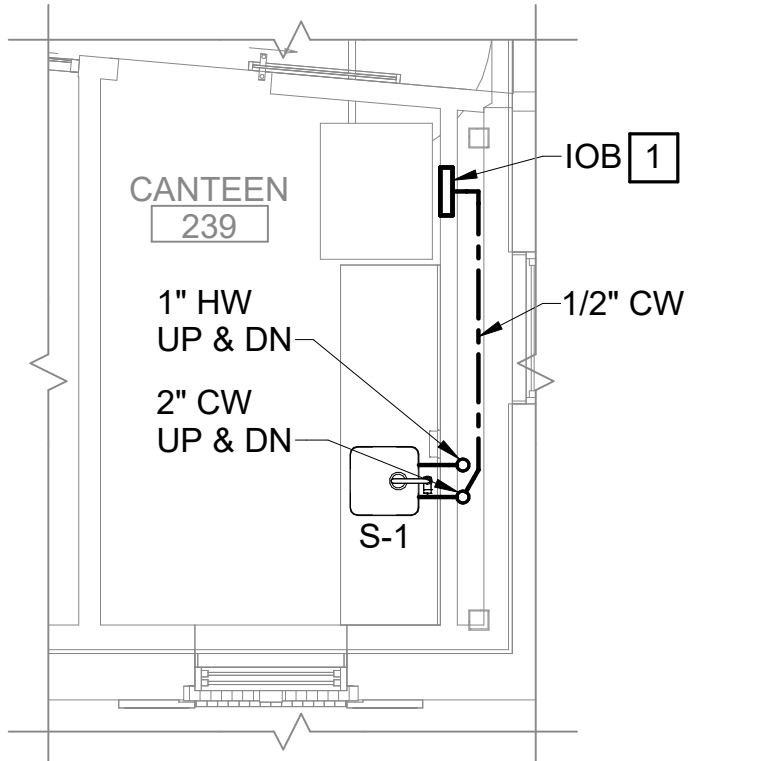
RM 202, 203, 204, AND 205 ENLARGED SANITARY PART PLAN



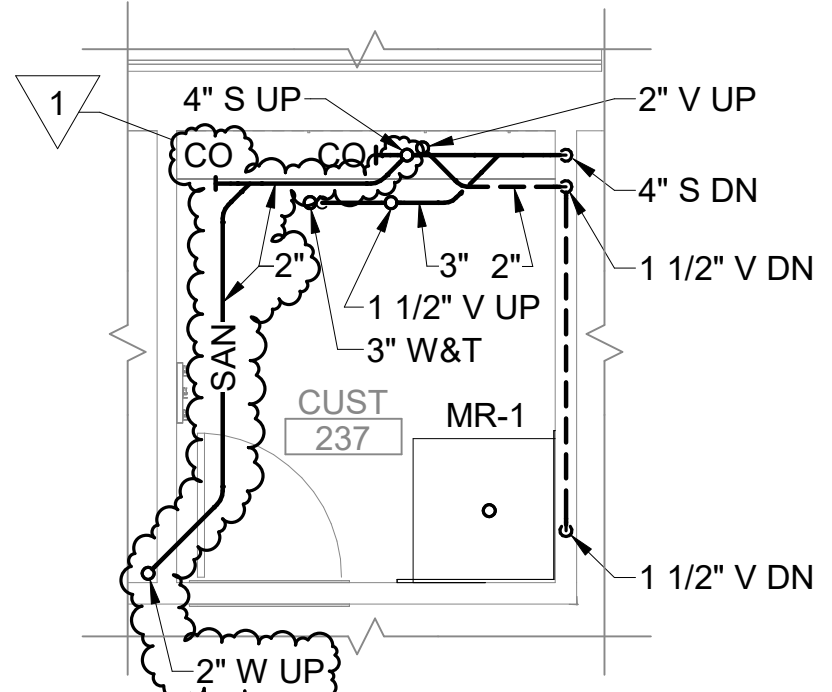
RM 202, 203, 204, AND 205 ENLARGED DOMESTIC WATER PART PLAN



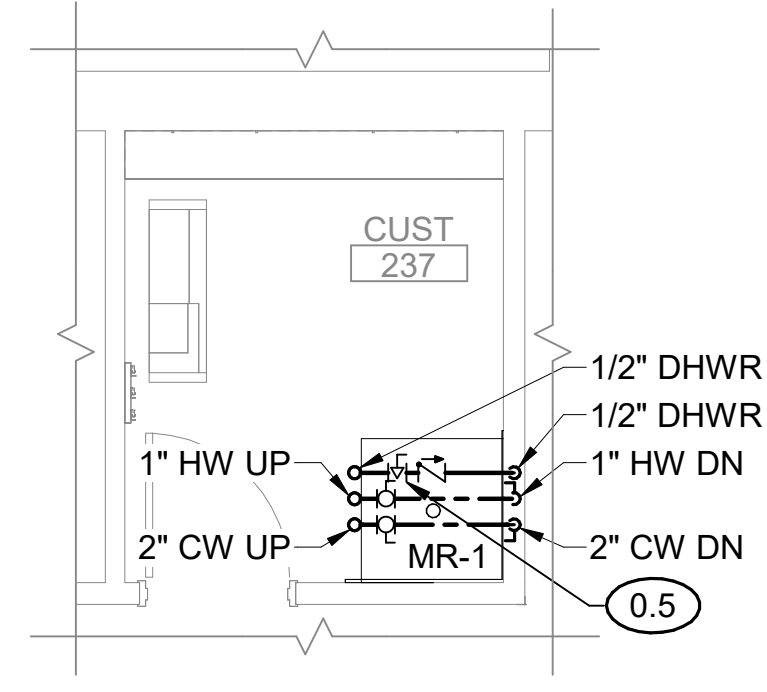
Canteen 239 Enlarged Sanitary Part Plan



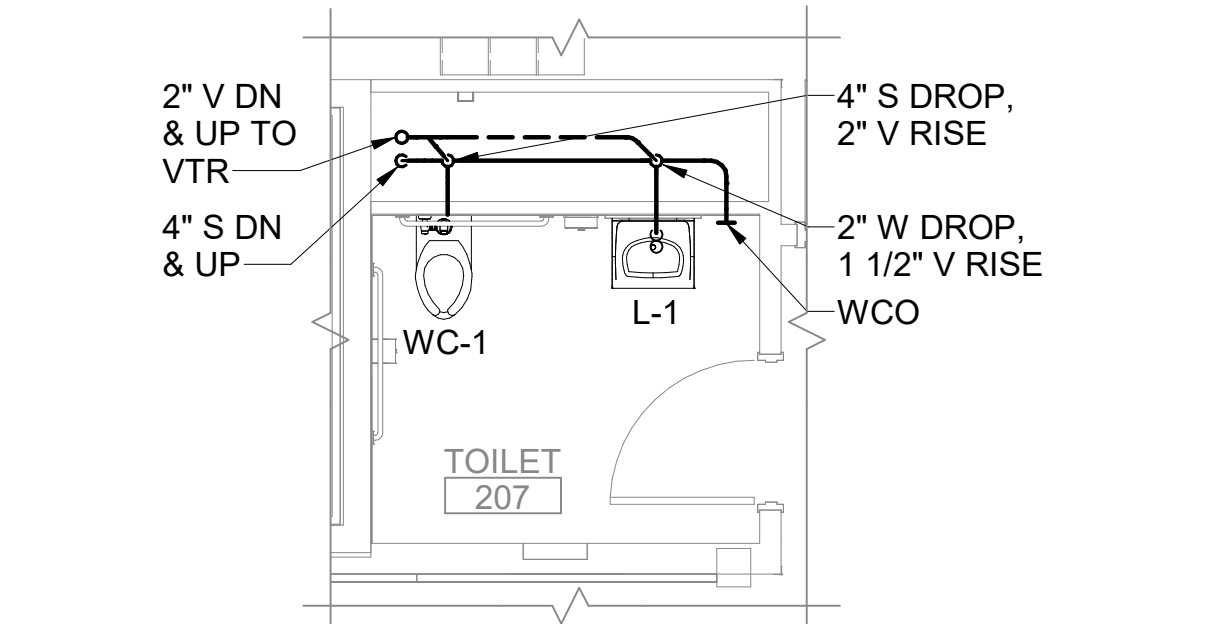
Canteen 239 Enlarged Domestic Water Part Plan



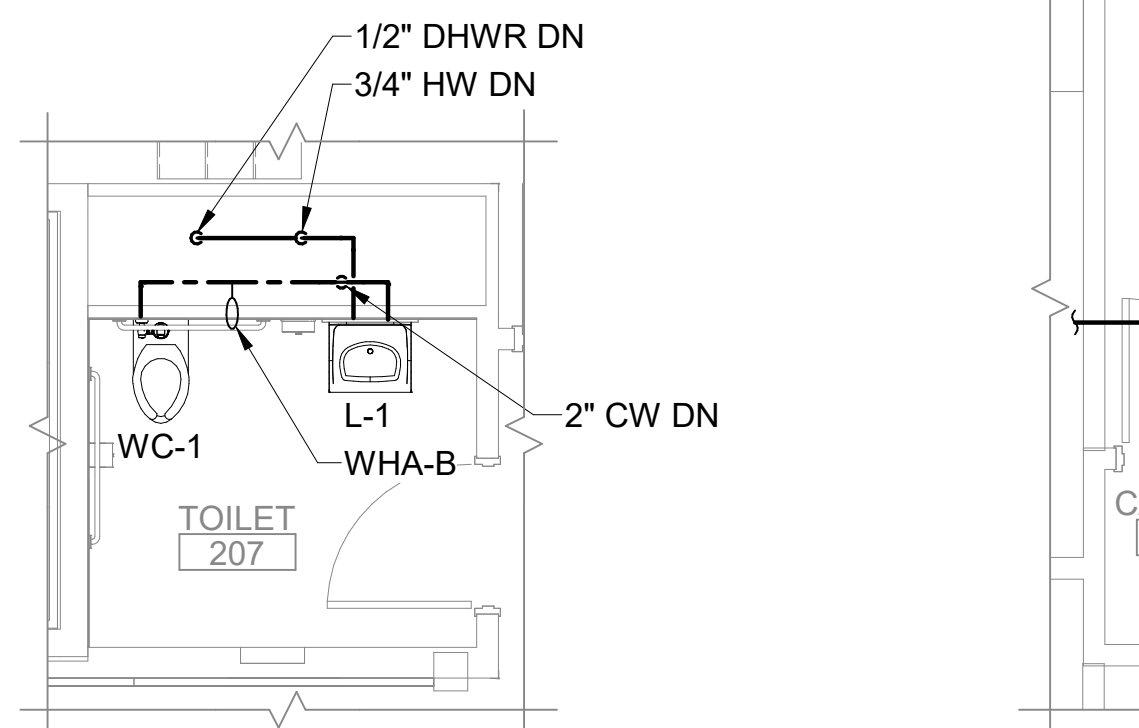
Cust 237 Enlarged Sanitary Part Plan



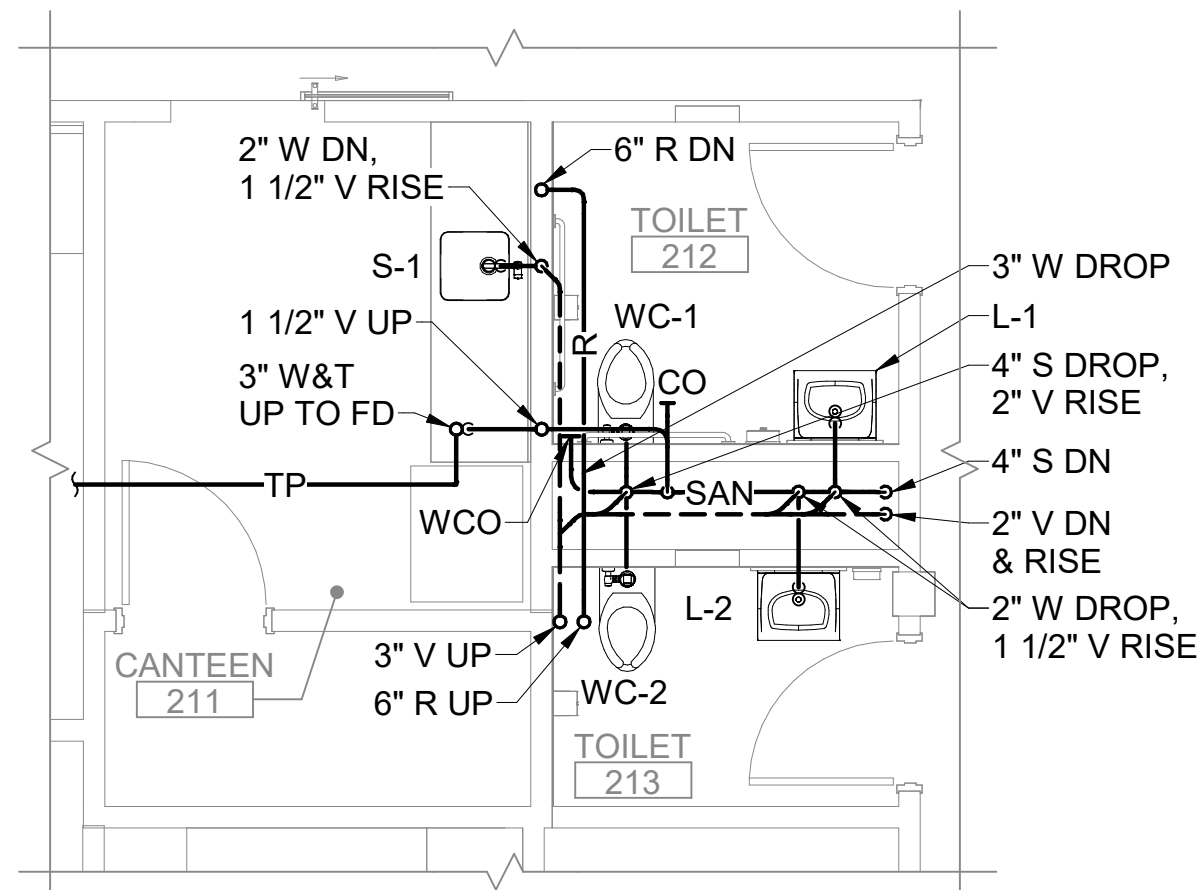
Cust 237 Enlarged Domestic Water Part Plan



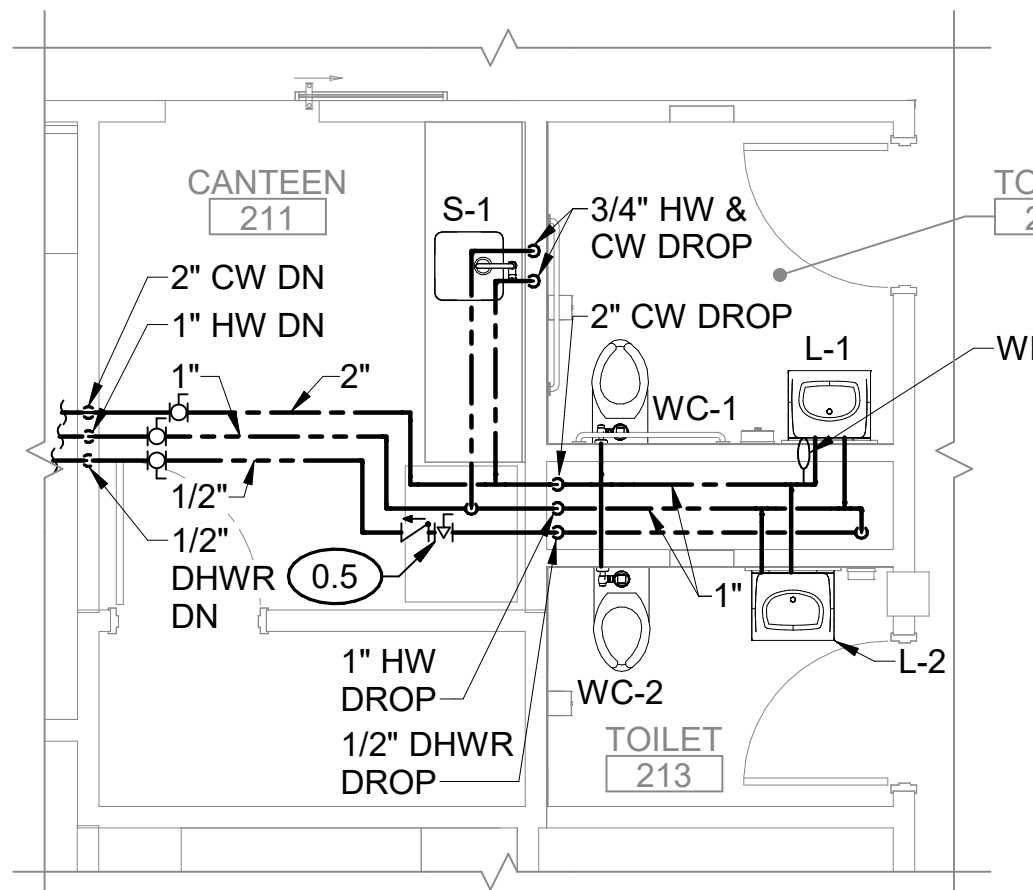
Toilet 207 Enlarged Sanitary Part Plan



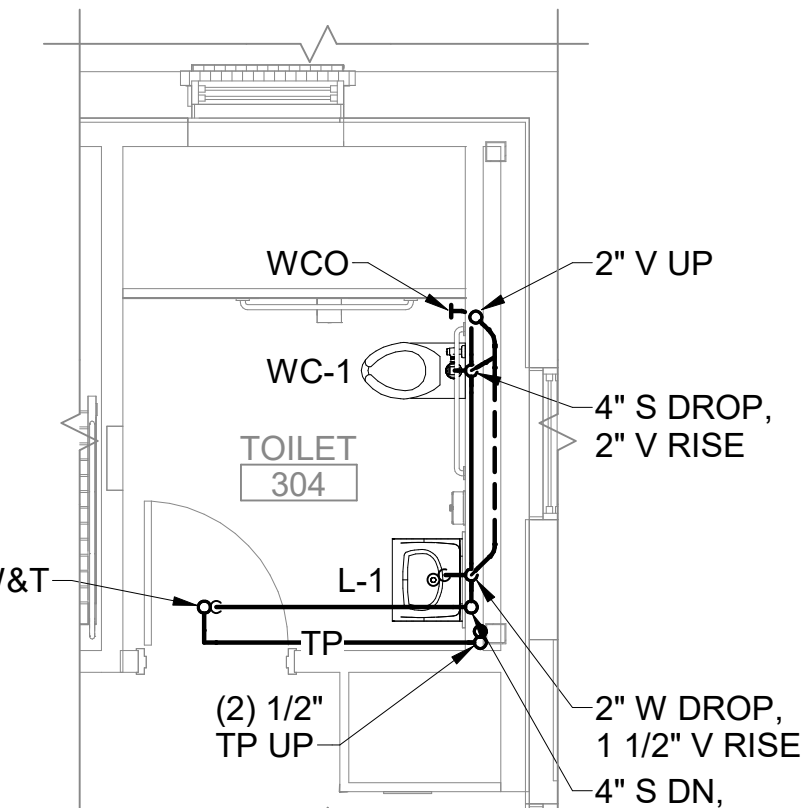
Toilet 207 Enlarged Domestic Water Part Plan



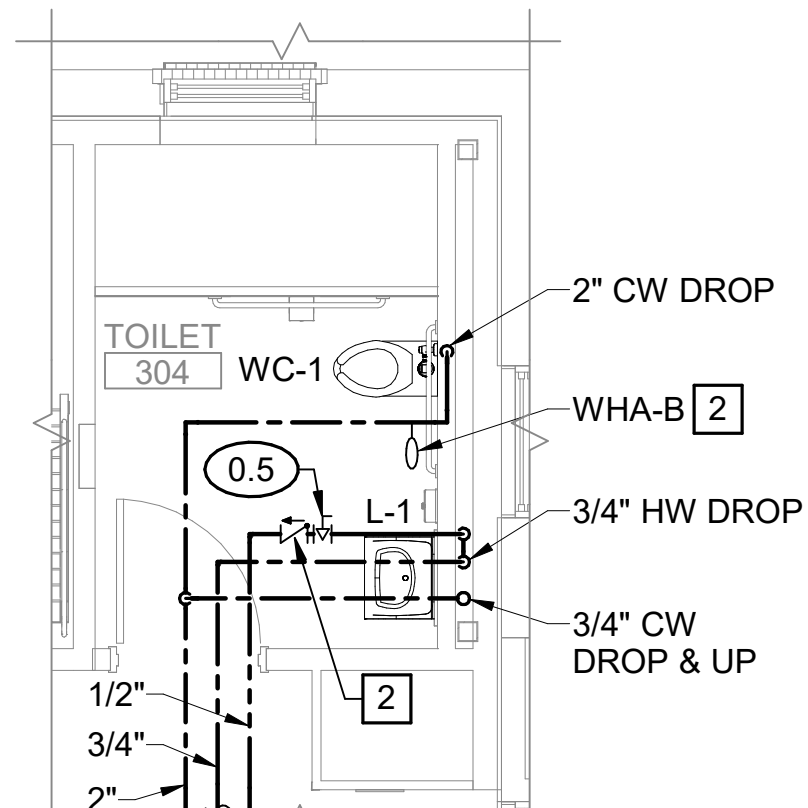
RM 211, 212, AND 213 Enlarged Sanitary Part Plan



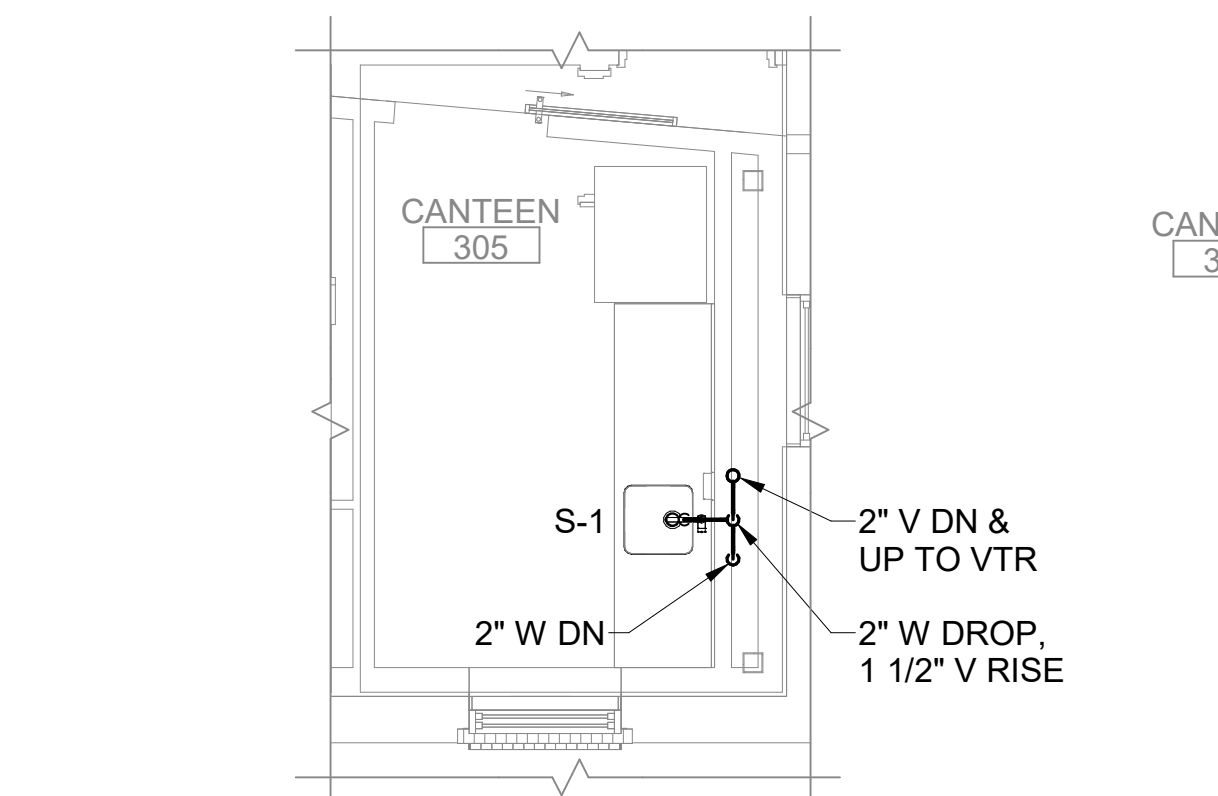
RM 211, 212, AND 213 Enlarged Domestic Water Part Plan



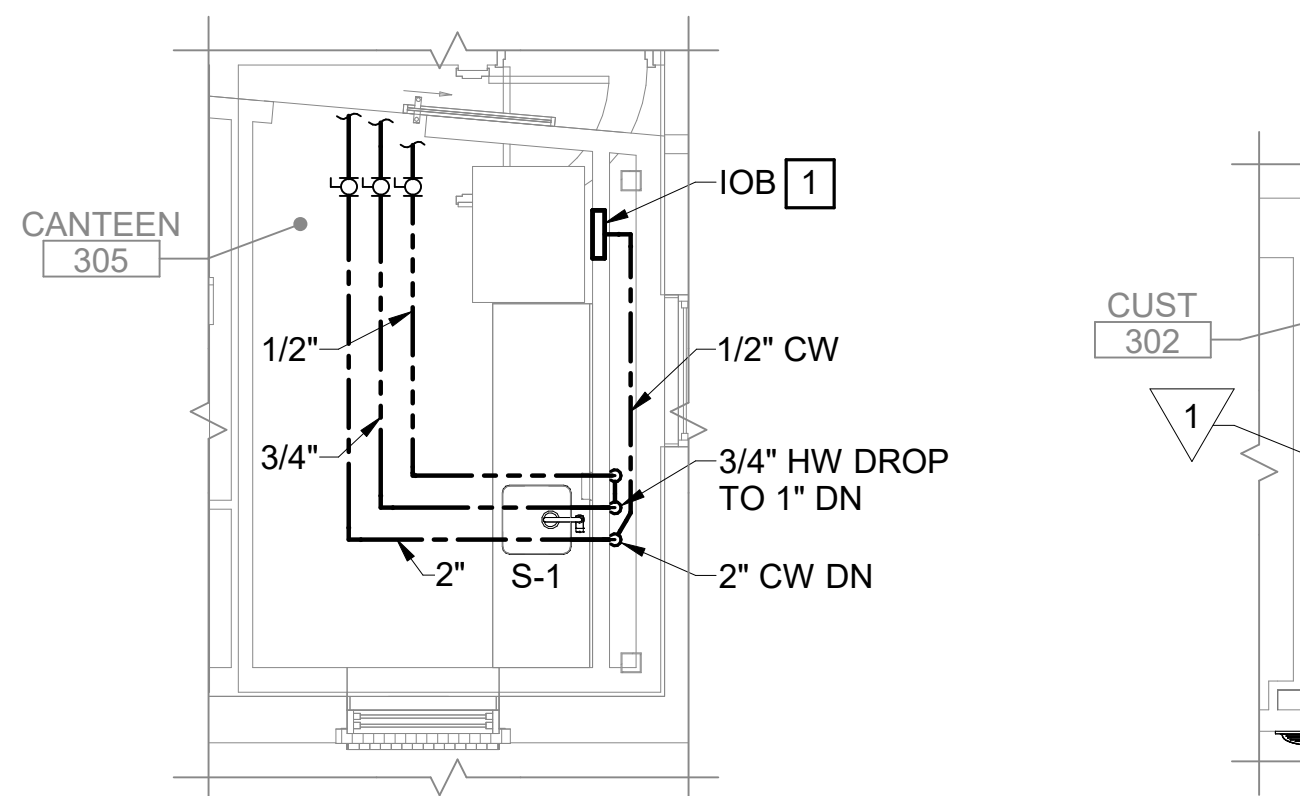
Toilet 304 Enlarged Sanitary Part Plan



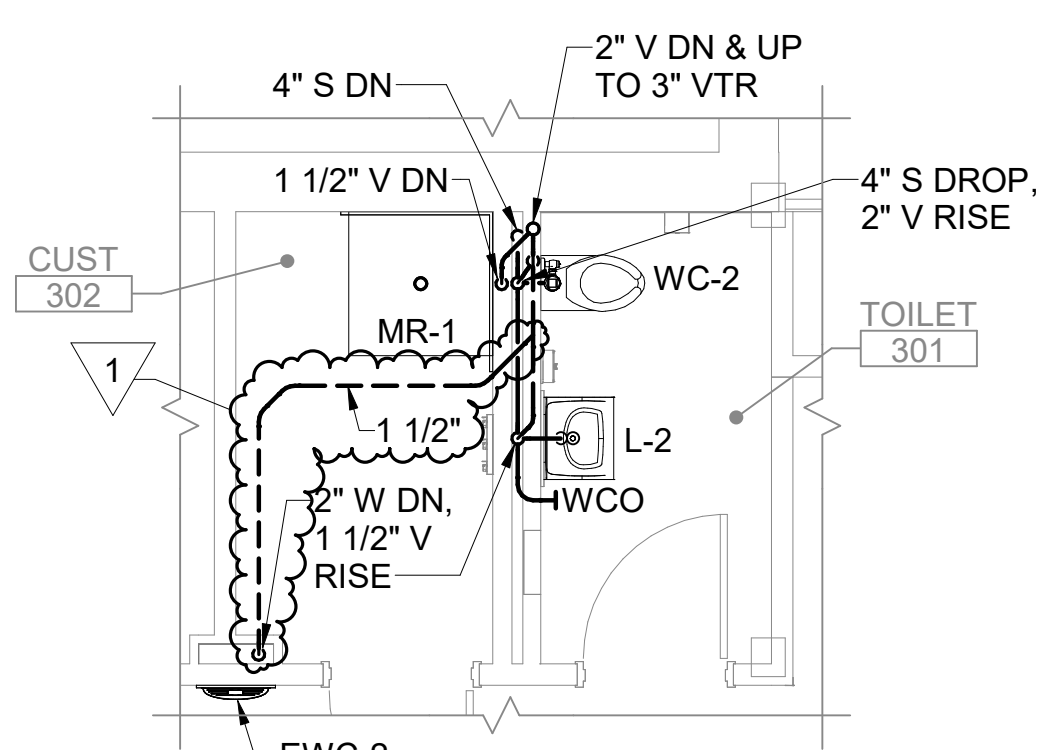
Toilet 304 Enlarged Domestic Water Part Plan



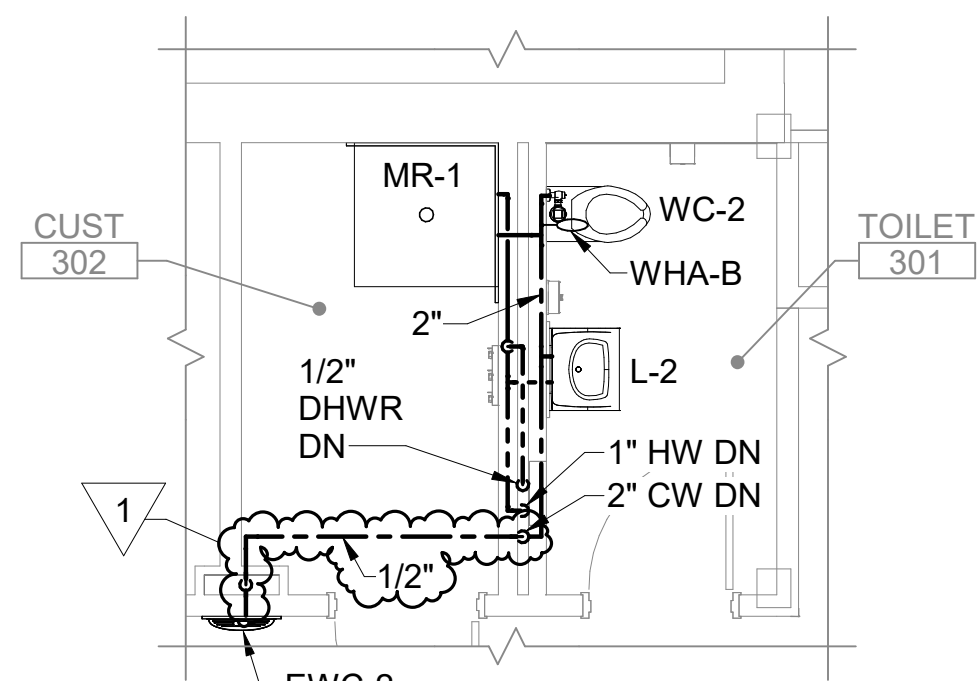
Canteen 305 Enlarged Sanitary Part Plan



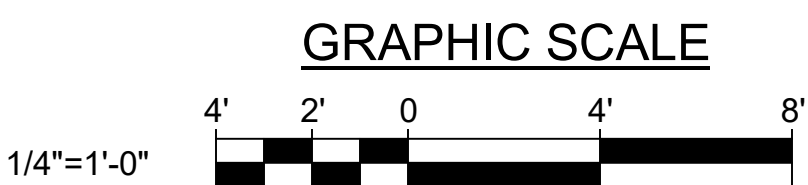
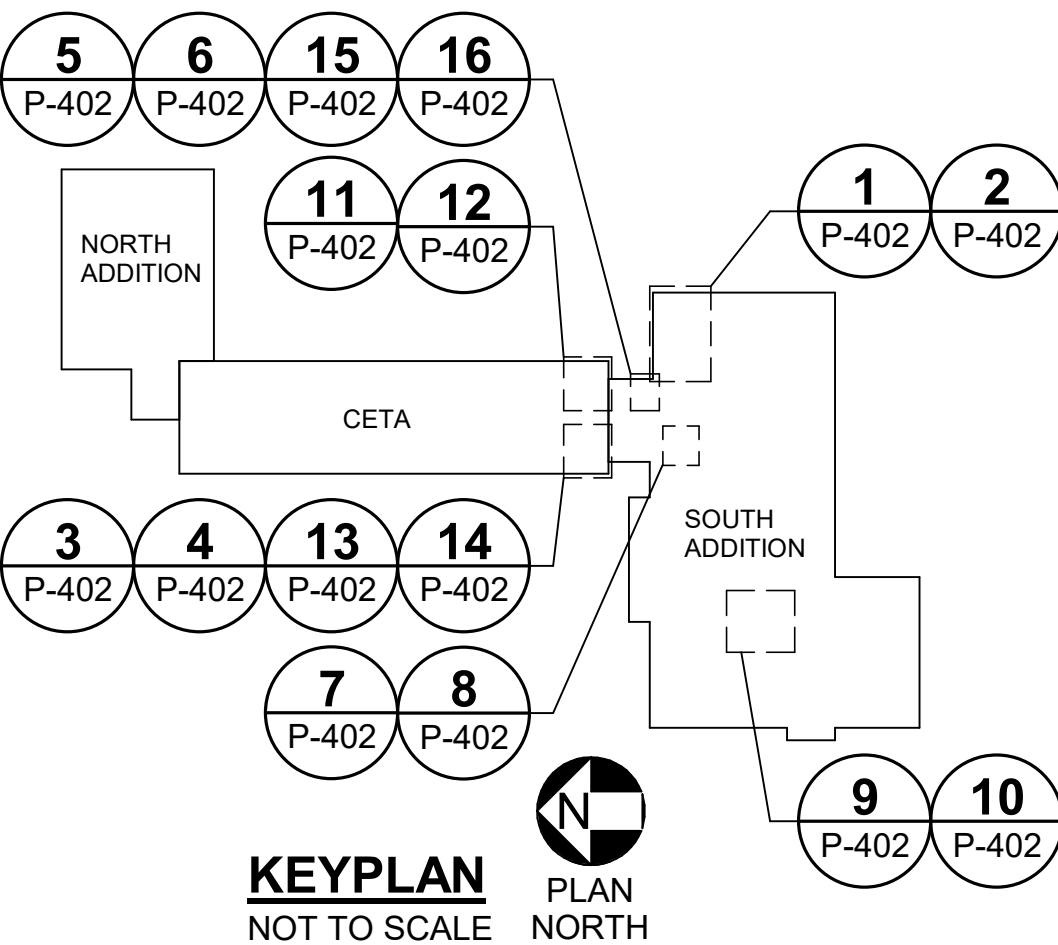
Canteen 305 Enlarged Domestic Water Part Plan



Toilet 301 and Cust 302 Enlarged Sanitary Part Plan



Toilet 301 and Cust 302 Enlarged Domestic Water Part Plan



CHECK GRAPHIC SCALE BEFORE USING

DEPARTMENT OF INLAND FISHERIES & WILDLIFE			
TITLE NEW OFFICE HEADQUARTERS			
LOCATION AUGUSTA, ME			
TITLE THIS DWS SECOND AND THIRD FLOOR ENLARGED PLUMBING PART PLANS			
OAK POINT ASSOCIATES			
DRAWN BY: SRW			
CHECK BY: DMA			
DATE 01/29/2025			
185 OF 239			

TRAP PRIMER ASSEMBLY SCHEDULE								
UNIT NO	LOCATION	MOUNTING	# OF MANIFOLD OPENINGS	# OF DESIGN CONNECTIONS	CONNECTION SIZE (IN)	VOLTS / PHASE	BASIS OF DESIGN	NOTES
TPA-1	BASEMENT	SURFACE	4	3	1/2"	120 / 1	PRECISION PLUMBING PRODUCTS PT-4	1
TPA-2	MECH ATTIC M2	SURFACE	4	2	1/2"	120 / 1	PRECISION PLUMBING PRODUCTS PT-4	1
TPA-3	TOILET 278	RECESSED	4	2	1/2"	120 / 1	PRECISION PLUMBING PRODUCTS PT-4	1
TPA-4	ATTIC	SURFACE	4	2	1/2"	120 / 1	PRECISION PLUMBING PRODUCTS PT-4	1
NOTES: 1. PROVIDE CABINET WITH MANUFACTURER'S PRIMER COATED STEEL ACCESS DOOR.								

ELECTRIC WATER HEATER SCHEDULE											
UNIT NO	LOCATION	STORAGE GALLONS	CW INLET TEMP °F	HW OUTLET TEMP °F	MIN GPH RECOVERY @ 95°F ΔT	WATTAGE PER ELEMENT	# OF ELEMENTS	TOTAL INPUT KW	VOLTS / PHASE	BASIS OF DESIGN	NOTES
EWH-1	BASEMENT	50	45	140	30	3000	3	9.0	208 / 1	STATE CSB 52 9 SFE	-
EWH-2	MECH ATTIC M2	30	45	140	12	4500	1	4.5	208 / 1	STATE EN6 30 DORT	-
EWH-3	CUST 166	50	45	140	28	3000	3	9.0	208 / 1	STATE CSB 52 9 SFE	-
NOTES: 1.											

MIXING VALVE SCHEDULE										
UNIT NO	LOCATION	SERVES	INLETS (IN)	OUTLET (IN)	SUPPLY TEMP °F	DESIGN GPM	MIN GPM	PRESSURE DROP (PSIG)	BASIS OF DESIGN	NOTES
TMV-1	BASEMENT	DOMESTIC HOT WATER	3/4"	1"	120	23	1.0	10	LEONARD TM-186-520B-LF	1
TMV-2	MECH ATTIC M2	DOMESTIC HOT WATER	3/4"	1"	120	14	1.0	10	LEONARD TM-186-420B-LF	1
TMV-3	CUST 166	DOMESTIC HOT WATER	3/4"	1"	120	19	1.0	5	LEONARD TM-186-520B-LF	1
EMV-1	FISHERIES MAIN LAB 167	EMERGENCY EYEWASH	1/2"	1/2"	85	-	0.5	2	GUARDIAN G3600	1
NOTES: 1. PROVIDE MANUFACTURER'S STAINLESS STEEL, SURFACE MOUNTED CABINET.										

DRAIN SCHEDULE						
UNIT NO	TYPE	DESCRIPTION	PIPE SIZE (IN)	STRAINER DIMENSIONS	BASIS OF DESIGN	NOTES
FD-1	FLOOR DRAIN	SQ DRAIN FOR FINISHED SPACES	3"	6" x 6"	ZURN ZN415-S-P	1
FD-2	FLOOR DRAIN	ROUND DRAIN WITH IW FUNNEL	3"	7ø	ZURN ZN415-B-4-Y-P	1, 2
FD-3	FLOOR DRAIN	ROUND DRAIN FOR UNFINISHED SPACES	3"	7ø	ZURN ZN415-B-Y-P	1, 2
RD-1	ROOF DRAIN	COMBINATION ROOF DRAIN & OVERFLOW DRAIN	SEE PLANS	15ø DOME	ZURN ZC163-EAE	
ODN	OVERFLOW DOWNSPOUT NOZZLE	FOR OVERFLOW DRAIN DISCHARGE	SEE PLANS	N/A	ZURN Z199-SS	
NOTES:	1. PROVIDE TRAP PRIMER CONNECTION TO FLOOR DRAIN. 2. PROVIDE WITH SEDIMENT BUCKET.					

PLUMBING FIXTURE ROUGH-IN SCHEDULE							
UNIT NO	DESCRIPTION	WASTE (IN)	VENT (IN)	HW (IN)	CW (IN)	REMARKS	NOTES
WC-1	WATER CLOSET	4"	2"	-	1"	WALL MOUNTED, WALL OUTLET, AUTOMATIC FLUSH VALVE, ADULT ADA HEIGHT	1,3
WC-2	WATER CLOSET	4"	2"	-	1"	WALL MOUNTED, WALL OUTLET, AUTOMATIC FLUSH VALVE, ADULT STANDARD HEIGHT	1,3
S-1	SINK	2"	1 1/2"	1/2"	1/2"	SINGLE BOWL, UNDER MOUNT, ADA, MANUAL FAUCET	3
S-2	SINK	2"	1 1/2"	1/2"	1/2"	SINGLE BOWL, UNDER MOUNT, ADA, FOOT PEDAL CONTROL FAUCET	3
S-3	SINK	2"	1 1/2"	1/2"	1/2"	SINGLE BOWL, UNDER MOUNT, ADA, FOOT PEDAL CONTROL WITH EYEWASH	3
L-1	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	WALL HUNG, ADA, AUTOMATIC FAUCET, GRID STRAINER	1,3,4
L-2	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	WALL HUNG, AUTOMATIC FAUCET, GRID STRAINER	1,3,4
EW-C-1	WATER COOLER	1 1/2"	1 1/2"	-	1/2"	WALL MOUNTED, ADA, DUAL HEIGHT, WITH CHILLER UNIT, FILTER, AND INTEGRAL BOTTLE FILLER	1,3
EW-C-2	BOTTLE FILLER	1 1/2"	1 1/2"	-	1/2"	WALL MOUNTED, ADA, DUAL HEIGHT, WITH CHILLER UNIT, FILTER, BOTTLE FILLER	3
MR-1	MOP RECEPTOR	3"	1 1/2"	1/2"	1/2"	FLOOR MOUNTED, 32" SQUARE, TERRAZZO, MANUAL FAUCET	3
NFWH	NON-FREEZE WALL HYDRANT	-	-	-	3/4"	NON-FREEZE, KEY OPERATED, RECESSED	
HB-1	HOSE BIBB	-	-	-	1/2"	SURFACE MOUNTED, WHEEL OPERATOR WITH VACUUM BREAKER	
FD-1	FLOOR DRAIN	3"	1 1/2"	-	1/2" TP	SEE DRAIN SCHEDULE	2,3
FD-2	FLOOR DRAIN	3"	1 1/2"	-	1/2" TP	SEE DRAIN SCHEDULE	2,3
FD-3	FLOOR DRAIN	3"	1 1/2"	-	1/2" TP	SEE DRAIN SCHEDULE	2,3
SH-1	SHOWER	2"	1 1/2"	1/2"	1/2" / 1/2" TP	ONE-PIECE FIBERGLASS SHOWER ENCLOSURE, ADA SIDE ENTRY, SHOWER VALVE AND DRAIN	2,3
IOB	ICE MAKER OUTLET BOX	-	-	-	1/2"	RECESSED WITH INTEGRAL WHA	
EM-1	EMERGENCY EYEWASH	-	-	1/2" TM	-	SWING ACTION, COUNTER-MOUNTED, DRAIN TO SINK	
NOTES: 1. REFER TO SHEETS AE420 FOR FIXTURE INSTALLATION HEIGHTS. 2. PROVIDE TRAP PRIMER CONNECTION TO FLOOR DRAINS, WHERE INDICATED ON PLANS AND SCHEDULES. 3. WHERE VENT CONNECTIONS TO FIXTURE ARE CALLED OUT ON PLANS AND DIAGRAMS TO BE LARGER THAN SCHEDULED ROUGH-IN, PROVIDE LARGER SIZE REQUIRED FOR LONG HORIZONTAL VENT LENGTHS OR COMBINATION WASTE AND VENT PIPING. 4. PROVIDE WITH ASSE 1070 TEMPERATURE LIMITING DEVICE, EITHER INTEGRAL WITH FAUCET, OR SUPPLIED ON HOT WATER LINE TO FAUCET.							

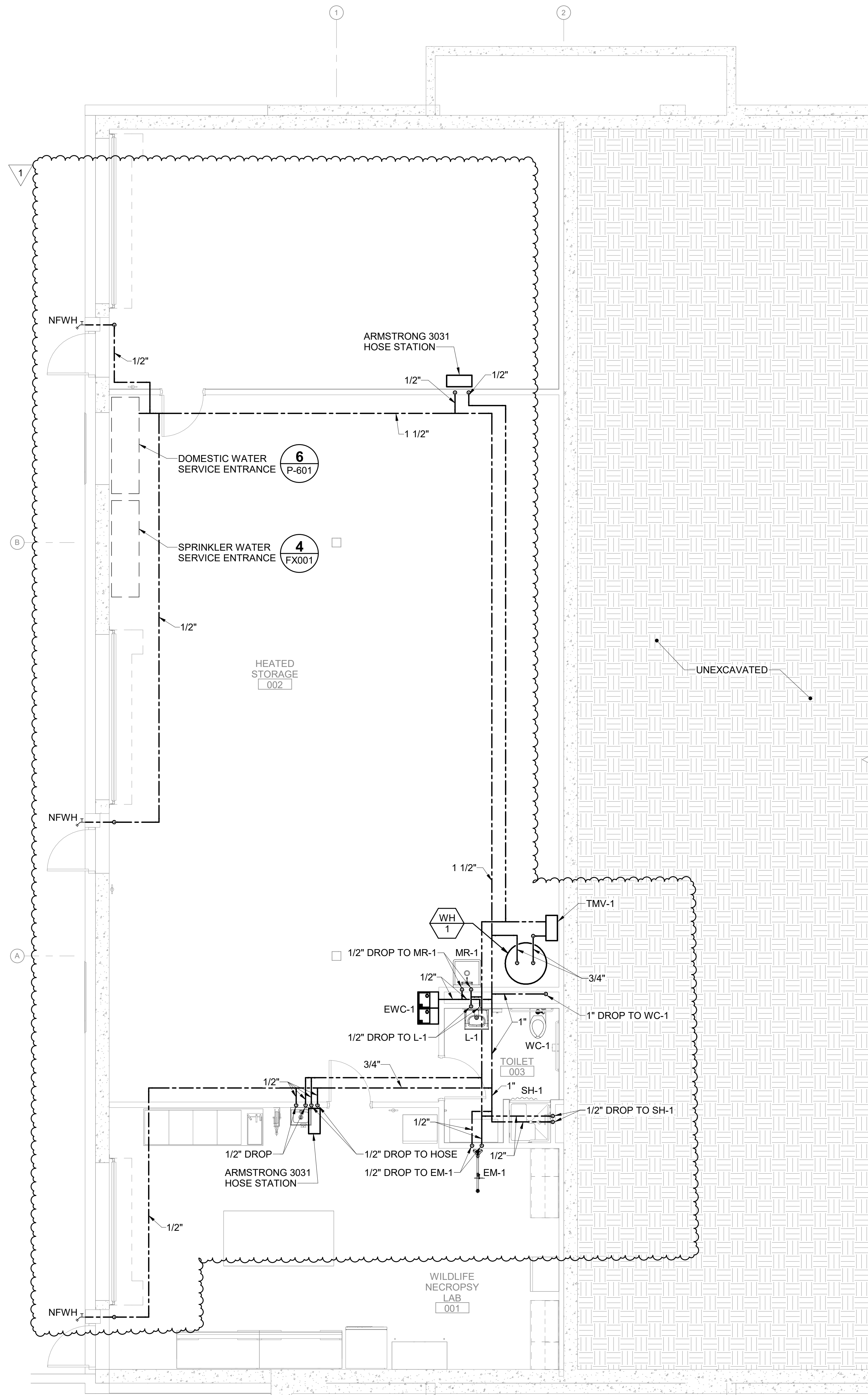
EXPANSION TANK SCHEDULE						
UNIT NO	LOCATION	SERVES	MIN TANK VOLUME (GAL)	ACCEPTANCE VOLUME	DIMENSIONS	NOTES
EXT-P1	BASEMENT	DOMESTIC WATER	5.5	1.14	14ø x 25	TACO PAX 30-150P
EXT-P2	MECH ATTIC M2	DOMESTIC WATER	3.0	0.70	14ø x 25	TACO PAX 30-150P
EXT-P3	CUST 166	DOMESTIC WATER	5.0	1.0	14ø x 25	TACO PAX 30-150P
NOTES: 1. POTABLE WATER.						

BACKFLOW PREVENTER SCHEDULE							
UNIT NO	LOCATION	SYSTEM SERVED	TYPE	SIZE	DESIGN FLOW (GPM)	MAX WPD @ DESIGN (PSI)	NOTES
BFP-1	BASEMENT	DOMESTIC WATER SERVICE	RPZ	2 1/2"	108	12	WATTS LF 009
BFP-2	BASEMENT	HVAC MAKE-UP WATER	RPZ	3/4"	5	13	WATTS LF 009
NOTES: 1. PROVIDE WITH INLET STRAINER, NON-RISING STEM GATE VALVES AND AIR GAP FITTINGS FOR DRAINS; COATED CAST IRON BODY. 2. PROVIDE WITH INLET STRAINER, BALL TYPE ISOLATION VALVES AND AIR GAP FITTINGS FOR DRAINS; BRONZE BODY.							

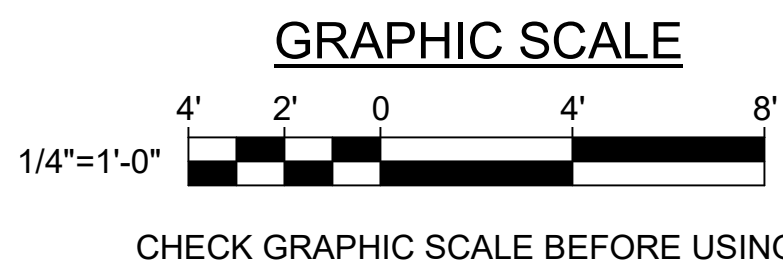
PUMP SCHEDULE											
UNIT NO	SERVES	LOCATION	TYPE	GPM	TOTAL HEAD	MOTOR DATA			SUCTION / DISCHARGE (IN)	BASIS OF DESIGN	NOTES
						HP	RPM	VOLTS / PHASE			
RP-1	DOMESTIC HW RECIRC	BASEMENT	CIRC	4.0	13.8	1/8	3250	115 / 1	1 / 1	TACO 009	1
RP-2	DOMESTIC HW RECIRC	MECH ATTIC M2	CIRC	1.5	14.3	1/8	3250	115 / 1	3/4 / 3/4	TACO 009	1
RP-3	DOMESTIC HW RECIRC	CUST 166	CIRC	2.0	12.7	1/8	3250	115 / 1	3/4 / 3/4	TACO 009	1
SP-1	ELEVATOR SUMP PIT	ELEVATOR E1 PIT	SUMP	50	35.6	1/2	3450	115 / 1	- / 2	ZOELLER N161 OIL GUARD SYSTEM	2
SP-2	ELEVATOR SUMP PIT	ELEVATOR E2 PIT	SUMP	50	36.2	1/2	3450	115 / 1	- / 2	ZOELLER N161 OIL GUARD SYSTEM	2
SP-3	SUMP PIT	SOUTH BASEMENT	SUMP	35	12.2	1/2	-	115 / 1	- / 2	LITTLE GIANT BSP50	3
SP-4	SUMP PIT	CETA BASEMENT	SUMP	30	12.0	1/2	-	115 / 1	- / 2	LITTLE GIANT BSP50	3
NOTES: 1. PROVIDE PUMP WITH STAINLESS STEEL CONSTRUCTION. 2. PROVIDE PACKAGED PUMP SYSTEM WITH OIL SWITCH, FLOAT SWITCH, AND NEMA 4X ALARM AND CONTROL PANEL WITH H-O-A SWITCH, AUDIO AND VISUAL ALARM. 3. PROVIDE PACKAGED PUMP SYSTEM WITH FLOAT SWITCH, POLYETHYLENE BASIN AND COVER.											

GENERAL NOTE

1. NOTE ON BASIS OF DESIGN: PRODUCTS OF OTHER MANUFACTURERS ARE ACCEPTABLE IF THEY MEET THE OPERATIONAL REQUIREMENTS INDICATED. ANY ADJUSTMENTS TO DUCTING, PIPING, WIRING OR CONFIGURATION DUE TO THE SELECTION OF A MANUFACTURER OTHER THAN THAT LISTED AS THE BASIS OF DESIGN WILL BE ACCOMPLISHED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.



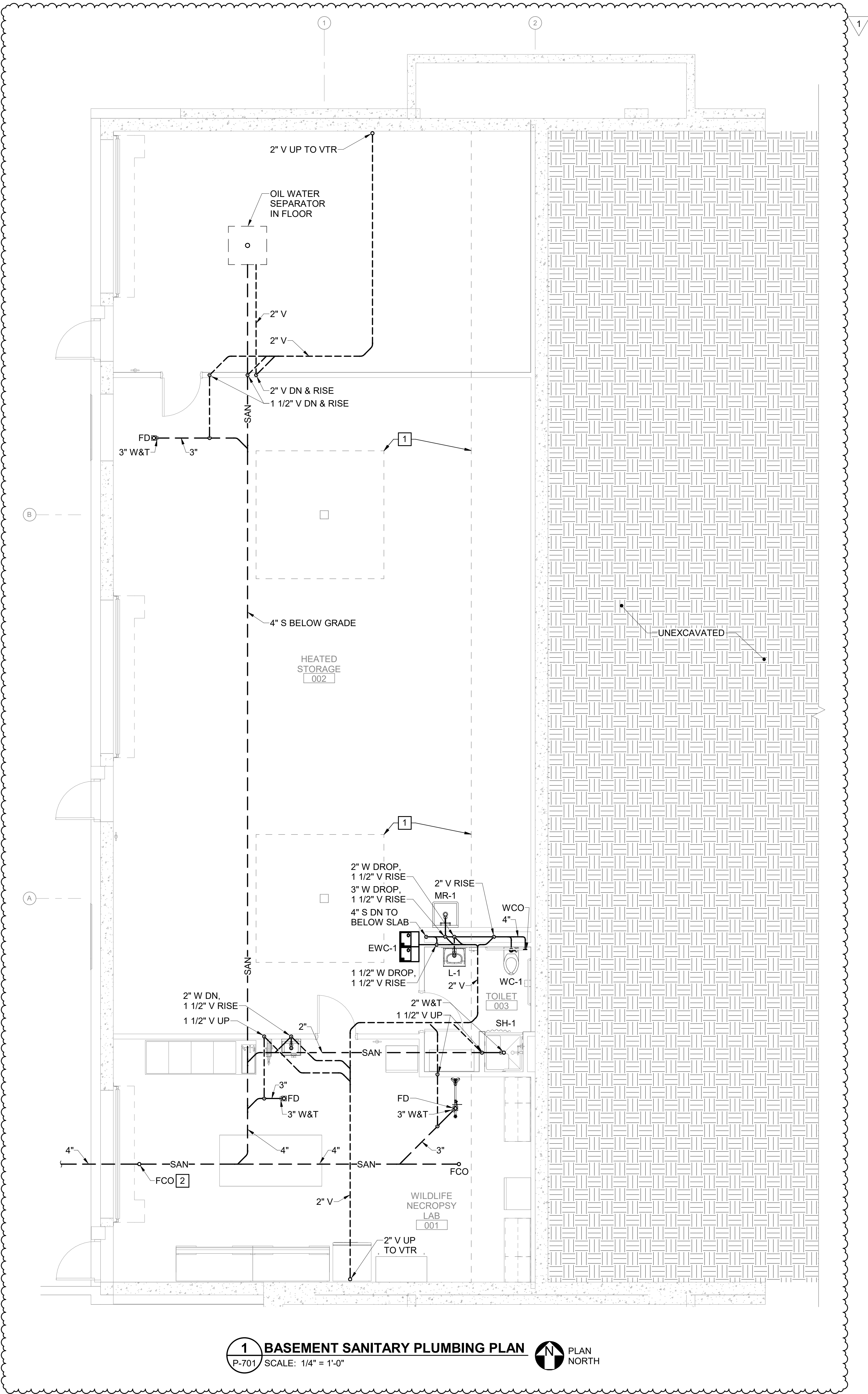
1 BASEMENT PLUMBING PLAN
P-101 SCALE: 1/4" = 1'-0" PLAN NORTH



GENERAL NOTES

1. REFER TO P-001 FOR GENERAL PLUMBING REQUIREMENTS.

						DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
				DRAWN BY: SRW		TITLE: STORAGE BARN	
				CHECK BY: MSA		LOCATION: AUGUSTA, ME	
				DATE: 01/29/2025		TITLE THIS DWG: BASEMENT PLUMBING PLAN	
						OAK POINT ASSOCIATES	
						DRAWING NO: P-101	
						SHEET NO:	
						36 OF 48	



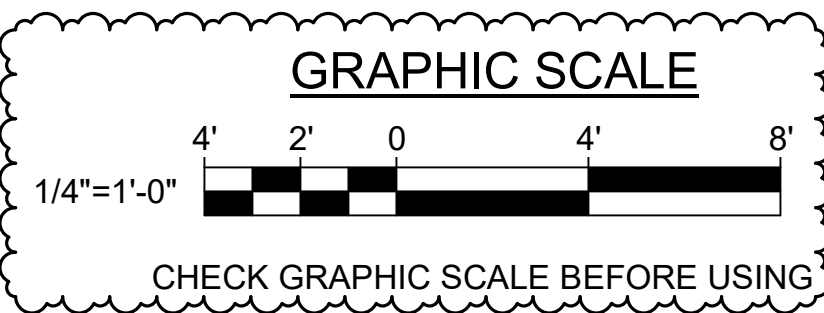
GENERAL NOTES

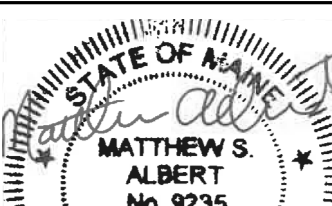
1. REFER TO P-001 FOR GENERAL PLUMBING REQUIREMENTS.

KEYNOTES

- 1 STRUCTURAL FOOTING. REFER TO FOUNDATION PLAN SB101.
2 PROVIDE HEAVY-DUTY CLEANOUT COVER SUITABLE FOR VEHICULAR TRAFFIC.

1 BASEMENT SANITARY PLUMBING PLAN
P-701 SCALE: 1/4" = 1'-0" PLAN NORTH



										DEPARTMENT OF INLAND FISHERIES & WILDLIFE			
										TITLE STORAGE BARN			
										LOCATION AUGUSTA, ME			
										TITLE THIS DWG PLUMBING RISER DIAGRAMS			
										OAK POINT ASSOCIATES P-701			
										SHEET NO. 38 OF 48			
1 3/13/2025		ADDENDUM NO. 6		MSA						231 Main Street, Biddeford, Maine 04005 207.283.9191			
NO. DATE		DESCRIPTION		BY		NO.		DATE 01/29/2025					
		REVISIONS											

[illegible]

A AMP AMPERE
A3P AMPERES, 3-POLE
AC ALTERNATING CURRENT
AFF ABOVE FINISHED FLOOR
AIC AMPERE INTERRUPTING CAPACITY
AIM ADDRESSABLE INTERFACE MODULE
AHJ AUTHORITY HAVING JURISDICTION
ATS AUTOMATIC TRANSFER SWITCH
AWG AMERICAN WIRE GAUGE
BPW BUREAU OF PUBLIC WORKS
C CONDUCTOR, CONDUIT
CAT CATALOG, CATEGORY
CAV CONSTANT AIR VOLUME
CB CIRCUIT BREAKER
CLT CROSS LAMINATED TIMBER
DFA DOWN FROM ABOVE
DOT DEPARTMENT OF TRANSPORTATION
EMT ELECTRICAL METALLIC TUBING
FACP FIRE ALARM CONTROL PANEL
FE/EFCE FIRE EXTINGUISHER /FIRE EXTINGUISHER CABINET
G GROUND, GROUND FAULT CIRCUIT INTERRUPTER
GFCI GROUND FAULT CIRCUIT INTERRUPTER
HP HORSEPOWER
HVAC HEATING, VENTILATION, AND AIR CONDITIONING
KCMIL KILO-CIRCULAR MILS
KVA KILO-VOLT-AMPERE
KW KILO-WATT
L LIGHTING LOAD TYPE FOR PANEL SCHEDULE
LCD LIQUID CRYSTAL DISPLAY
LED LIGHT EMITTING DIODE
LTG LIGHTING
M MOTOR LOAD TYPE FOR PANEL SCHEDULE
MAX MAXIMUM
MCB MAIN CIRCUIT BREAKER
MIN MINIMUM
MLO MAIN LUG ONLY
N NEUTRAL
NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA NATIONAL FIRE PROTECTION ASSOCIATION
NO, # NUMBER
Ø PHASE
P POLE
POE POWER OVER ETHERNET
POTS PLAIN OLD TELEPHONE SERVICE
P/O PART OF
R RECEPTACLE LOAD TYPE FOR PANEL SCHEDULE
REC RECEPTACLE
RGS RIGID GALVANIZED STEEL
RM ROOM
SPD SURGE PROTECTIVE DEVICE
SW SWITCH
TGB TELECOM GROUND BUSBAR
TMGB TELECOM MAIN GROUND BUSBAR
THHN HEAT RESISTANT THERMOPLASTIC WIRE
THWN WITH NYLON JACKET
THWN MOISTURE & HEAT RESISTANT THERMOPLASTIC WIRE WITH NYLON JACKET
TYP TYPICAL
UE UNDERGROUND ELECTRIC
UL UNDERWRITERS LABORATORIES
USB UNIVERSAL SERIAL BUS
V VOLT
VA VOLT AMPERE
VAV VARIABLE AIR VOLUME
W WATT, WIRE
W/ WITH
WG WIRE GUARD
WP WEATHERPROOF

1. ELECTRICAL INSTALLATION MUST COMPLY WITH THE REQUIREMENTS OF THE CURRENTLY ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), NFPA AND STATE AND LOCAL CODES.
2. WORK MUST BE COORDINATED WITH ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL AND PLUMBING TRADES.
3. ELECTRICAL EQUIPMENT AND WIRING MUST BE NEW AND UL LISTED UNLESS OTHERWISE NOTED.
4. LIGHT FIXTURES AND OTHER CEILING MOUNTED ELECTRICAL EQUIPMENT MUST BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL AND PLUMBING WORK TO AVOID INTERFERENCE.
5. A SEPARATE GREEN GROUNDING CONDUCTOR MUST BE PROVIDED FOR EACH INDIVIDUAL CIRCUIT. METAL CONDUIT MUST BE GROUNDED BUT MUST NOT BE USED AS THE EQUIPMENT GROUNDING CONDUCTOR.
6. CONDUCTORS MUST BE MINIMUM #12 AWG UNLESS NOTED OTHERWISE.
7. CONDUIT MUST BE MINIMUM 1/2" UNLESS OTHERWISE NOTED. COMMUNICATIONS CONDUIT MUST BE MINIMUM 1".
8. UNLESS OTHERWISE INDICATED, WIRE AND CONDUIT SIZE FOR EACH 15A 1P, 15A 2P, 20A 1P, 20A 3P BRANCH CIRCUIT SHALL BE 2 #12G, IN 1/2".
9. A SEPARATE NEUTRAL CONDUCTOR MUST BE PROVIDED FOR EACH INDIVIDUAL CIRCUIT. MULTIWIRE CIRCUITS ARE NOT PERMITTED.
10. UNLESS OTHERWISE INDICATED, WIRE AND CONDUIT SIZE FOR EACH 15A 3P AND 20A 3P BRANCH CIRCUIT MUST BE 3 #12, 1 #12G, IN 1/2".
11. DO NOT DRILL THROUGH OR CUT STRUCTURE.
12. SEAL CONDUIT INTERIOR TO PROHIBIT PASSAGE OF MOISTURE. PROVIDE SEALANT PRODUCT INTENDED FOR SUCH USE. PROVIDE AT CONDUITS PENETRATING FOUNDATION WALLS, EXTERIOR WALLS, COLD ATTICS, KITCHEN REFRIGERATION WALL PENETRATIONS, ETC. BASIS OF DESIGN: AMERICAN POLYWATER FST.
13. DO NOT COMBINE FEEDERS AND DEDICATED HOMERUNS WITH OTHER FEEDERS OR DEDICATED HOMERUNS.
14. THE ACCESS CONTROL/SECURITY AND DVM SYSTEM MUST BE AN EXTENSION OF THE EXISTING HONEYWELL ENTERPRISE BUILDING INTEGRATOR SYSTEM WITH MOST SERVER HARDWARE LOCATED IN AUGUSTA, ME. SYSTEM IS FOR MONITORING AND CONTROLLING CAMERAS, SECURITY, AND ACCESS CONTROL. THE CONTROL SYSTEM MUST BE SEAMLESSLY INTEGRATED WITH THE STATE OF MAINE BUILDING CONTROL CENTER (CBC) WHICH PROVIDES 24 HOURS A DAY, 7 DAYS A WEEK, 365 DAYS A YEAR MONITORING OF FACILITIES. GRAPHICS, SUPPLYING, AND INTEGRATION OF PCSC IQ SERIES PANELBOARDS, AND FRONT END PROGRAMMING ARE PROPRIETARY TO HONEYWELL INTERNATIONAL INC. THE INSTALLATION OF HARDWARE, WIRING, PARTS, AND PIECES MUST BE COMPLETED BY A QUALIFIED INSTALLER.
15. PROVIDE CLEAR LABEL WITH BLACK LETTERING ON EACH RECEPTACLE FACEPLATE INDICATING THE CIRCUIT.

COPPER	ALUMINUM
1/0	3/0
2/0	4/0
3/0	250 KCMIL
4/0	300 KCMIL
250 KCMIL	400 KCMIL
350 KCMIL	500 KCMIL
500 KCMIL	750 KCMIL

NOTE: CONDUCTOR SIZES SHOWN ON THE DRAWINGS ARE COPPER. INCREASE CONDUIT SIZE AS NEEDED IN ACCORDANCE WITH THE NEC IF ALUMINUM CONDUCTORS ARE USED.

(UNLESS NOTED OTHERWISE)

1. RECEPTACLES AND TELECOMMUNICATIONS OUTLETS 18" UNLES NOTED OTHERWISE.
2. RECEPTACLES AT TELECOMMUNICATIONS OUTLETS AT COUNTERS AND CABINETS: 6" ABOVE COUNTER TOP/BACKSPLASH.
3. SWITCHES 48".
4. MANUAL PULL STATIONS: 48"
5. FIRE ALARM STROBES: 80"
6. RECEPTACLES IN BATHROOMS: 48" ADJACENT TO SINK, HAND DRYER, ETC. 48".
7. TELEVISION (TV) RECEPTACLES: 60"

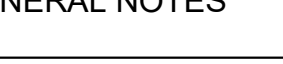
WIRE SIZE	HOME RUNS (20A CIRCUIT) MAXIMUM DISTANCE IN FEET			
	120V	208V	277V	480V
#12	60'	100'	140'	240'
#10	100'	160'	220'	360'
#8	150'	250'	325'	550'
#6	240'	400'	500'	800'

1. RECEPTACLE: CONDUITS FOR RECEPTACLE CIRCUITS ORIGINATING FROM SOURCE PANELBOARD FEEDING FIRST FLOOR RECEPTACLES MUST TRAVEL ABOVE SAT CEILINGS, THROUGH CHASE, EXPOSED ON CLT CEILING, AND DROP DOWN INTO WALLS TO FEED RECEPTACLES. CONDUITS EXPOSED ON CLT MUST BE RUN PARALLEL AND PERPENDICULAR TO BUILDING ELEMENTS.
2. LIGHTING: CONDUITS FOR LIGHTING CIRCUITS AND CONTROLS ORIGINATING FROM SOURCE PANELBOARD MUST TRAVEL ABOVE SAT CEILING, THROUGH CHASE, AND EXPOSED ON CLT. CONDUITS EXPOSED ON CLT CEILING MUST BE RUN PARALLEL AND PERPENDICULAR TO BUILDING ELEMENTS.
3. COMMUNICATIONS: CONDUITS FOR COMMUNICATION OUTLETS ORIGINATING IN DATA 158 MUST TRAVEL THROUGH CONDUIT SLEEVE, ON CLT CEILING AND DROP DOWN IN WALL TO FEED NETWORK JACKS.
4. SECURITY SYSTEM: CONDUITS FOR SECURITY SYSTEM DEVICES ORIGINATING IN DATA 158 MUST TRAVEL THROUGH CONDUIT SLEEVE, ON CLT CEILING, AND DROP DOWN IN WALL TO FEED SECURITY SYSTEM DEVICE.
5. FIRE ALARM: CONDUITS FOR FIRE ALARM DEVICES ORIGINATING FROM BASEMENT MUST TRAVEL UP THROUGH 158, THROUGH CONDUIT SLEEVE, ON CLT CEILING, AND DROP DOWN IN WALL TO FEED FIRE ALARM DEVICES.
6. EXPOSED CONDUIT RUNNING ON CEILING AND WALLS MUST BE PAINTED TO MATCH ADJACENT SURFACE. CONDUIT MUST BE PAINTED PRIOR TO INSTALLATION.
7. THE INTENT IS TO CONCEAL AS MUCH CONDUIT AS POSSIBLE AND RUN EXPOSED CONDUIT AS NEATLY AS POSSIBLE.
8. CONDUITS FOR LIKE SYSTEMS MUST BE COMBINED AND COORDINATED TO REDUCE SIZE AND QUANTITY OF CONDUITS.
9. PROVIDE CONDUIT COORDINATION DRAWINGS PRIOR TO CONSTRUCTION.

1. RECEPTACLE: CONDUITS FOR RECEPTACLE CIRCUITS ORIGINATING FROM SOURCE PANELBOARD FEEDING SECOND FLOOR RECEPTACLES MUST TRAVEL ABOVE SAT CEILINGS, THROUGH CHASE, EXPOSED ON CLT CEILING, AND DROP DOWN INTO WALLS TO FEED RECEPTACLES. CONDUITS EXPOSED ON CLT MUST BE RUN PARALLEL AND PERPENDICULAR TO BUILDING ELEMENTS.
2. LIGHTING: CONDUITS FOR LIGHTING CIRCUITS AND CONTROLS ORIGINATING FROM SOURCE PANELBOARD MUST TRAVEL ABOVE SAT CEILING, THROUGH CHASE, AND EXPOSED ON CLT. CONDUITS EXPOSED ON CLT CEILING MUST BE RUN PARALLEL AND PERPENDICULAR TO BUILDING ELEMENTS.
3. COMMUNICATIONS: CONDUITS FOR COMMUNICATION OUTLETS ORIGINATING IN DATA 270 MUST TRAVEL THROUGH CONDUIT SLEEVE, ON CLT CEILING AND DROP DOWN IN WALL TO FEED NETWORK JACKS.
4. SECURITY SYSTEM: CONDUITS FOR SECURITY SYSTEM DEVICES ORIGINATING IN DATA 158 MUST TRAVEL UP THROUGH 270, THROUGH CONDUIT SLEEVE, ON CLT CEILING AND DROP DOWN IN WALL TO FEED SECURITY SYSTEM DEVICE.
5. FIRE ALARM: CONDUITS FOR FIRE ALARM DEVICES ORIGINATING FROM BASEMENT MUST TRAVEL UP THROUGH 158, UP THROUGH 270, THROUGH CONDUIT SLEEVE, ON CLT CEILING, AND DROP DOWN IN WALL TO FEED FIRE ALARM DEVICES.
6. EXPOSED CONDUIT RUNNING ON CEILING AND WALLS MUST BE PAINTED TO MATCH ADJACENT SURFACE. CONDUIT MUST BE PAINTED PRIOR TO INSTALLATION.
7. THE INTENT IS TO CONCEAL AS MUCH CONDUIT AS POSSIBLE AND RUN EXPOSED CONDUIT AS NEATLY AS POSSIBLE.
8. CONDUITS FOR LIKE SYSTEMS MUST BE COMBINED AND COORDINATED TO REDUCE SIZE AND QUANTITY OF CONDUITS.
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1. RECEPTACLE: CONDUITS FOR RECEPTACLE CIRCUITS ORIGINATING FROM SOURCE PANELBOARD FEEDING FIRST FLOOR RECEPTACLES MUST TRAVEL BELOW SLAB AND RISE UP IN WALL TO FEED RECEPTACLES.
2. LIGHTING: CONDUITS FOR LIGHTING CIRCUITS AND CONTROLS ORIGINATING FROM SOURCE PANELBOARD MUST TRAVEL IN SPACE UNDER LOBBY TO BRIDGE. CONDUITS EXPOSED ON CLT MUST BE RUN PARALLEL AND PERPENDICULAR TO BUILDING ELEMENTS.
3. COMMUNICATIONS: CONDUITS FOR COMMUNICATION OUTLETS ORIGINATING IN DATA 130 MUST TRAVEL BELOW SLAB AND RISE UP IN WALL TO FEED NETWORK JACKS.
4. SECURITY SYSTEM: CONDUITS FOR SECURITY SYSTEM DEVICES ORIGINATING IN DATA 130 TRAVEL BELOW SLAB AND RISE UP IN WALL TO FEED SECURITY SYSTEM DEVICE.
5. FIRE ALARM: CONDUITS FOR FIRE ALARM DEVICES ORIGINATING FROM BASEMENT IT ROOM MUST TRAVEL BELOW SLAB AND RISE UP IN WALL TO FEED FIRE ALARM DEVICES.
6. EXPOSED CONDUIT RUNNING ON CEILING AND WALLS MUST BE PAINTED TO MATCH ADJACENT SURFACE. CONDUIT MUST BE PAINTED PRIOR TO INSTALLATION.
7. THE INTENT IS TO CONCEAL AS MUCH CONDUIT AS POSSIBLE AND RUN EXPOSED CONDUIT AS NEATLY AS POSSIBLE.
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1. RECEPTACLE: CONDUITS FOR RECEPTACLE CIRCUITS ORIGINATING FROM SOURCE PANELBOARD FEEDING SECOND FLOOR RECEPTACLES MUST TRAVEL DOWN FROM ATTIC TO ABOVE SAT CEILING AND DROP DOWN INTO WALLS TO FEED RECEPTACLES. CONDUITS EXPOSED ON CLT MUST BE RUN PARALLEL AND PERPENDICULAR TO BUILDING ELEMENTS.
2. LIGHTING: CONDUITS FOR LIGHTING CIRCUITS AND CONTROLS ORIGINATING FROM SOURCE PANELBOARD MUST TRAVEL UP CONCEALED IN WALL TO ABOVE SECOND FLOOR SAT CEILING. CONDUITS EXPOSED ON CLT MUST BE RUN PARALLEL AND PERPENDICULAR TO BUILDING ELEMENTS.
3. COMMUNICATIONS: CONDUITS FOR COMMUNICATION OUTLETS ORIGINATING IN DATA 214 MUST TRAVEL ABOVE SAT CEILING AN DROP DOWN IN WALL TO FEED NETWORK JACKS.
4. SECURITY SYSTEM: CONDUITS FOR SECURITY SYSTEM DEVICES ORIGINATING IN BASEMENT MAIN IT MUST TRAVEL BELOW SLAB AND RISE UP IN ROOM 130/CONTINUE UP TO ROOM 214, TRAVEL ABOVE SAT CEILING AND DROP DOWN IN WALL TO FEED SECURITY SYSTEM DEVICES.
5. FIRE ALARM: CONDUITS FOR FIRE ALARM DEVICES ORIGINATING FROM BASEMENT MAIN TRAVEL BELOW SLAB AND RISE UP IN ROOM 130, CONTINUE TO ROOM 214, TRAVEL ABOVE SAT CEILING AND DROP DOWN IN WALL TO FEED FIRE ALARM DEVICES.
6. EXPOSED CONDUIT RUNNING ON CEILING AND WALLS MUST BE PAINTED TO MATCH ADJACENT SURFACE. CONDUIT MUST BE PAINTED PRIOR TO INSTALLATION.
7. THE INTENT IS TO CONCEAL AS MUCH CONDUIT AS POSSIBLE AND RUN EXPOSED CONDUIT AS NEATLY AS POSSIBLE.
8. CONDUITS FOR LIKE SYSTEMS MUST BE COMBINED AND COORDINATED TO REDUCE SIZE AND QUANTITY OF CONDUITS.
9. PROVIDE CONDUIT COORDINATION DRAWINGS PRIOR TO CONSTRUCTION.

					DEPARTMENT OF INLAND FISHERIES & WILDLIFE	
					TITLE NEW OFFICE HEADQUARTERS	
					LOCATION AUGUSTA, ME	
					TITLE THIS DWG ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES	
3	03/13/25	ADDENDUM NO.6	DCL	DRAWN BY: BPD CHECK BY: DCL NO.	 DRAWING NO. E-001 SHEET NO.	
2	02/28/25	ADDENDUM NO.3	MHL			
1	01/14/25	ADDENDUM NO.1	MHL			
NO.	DATE	DESCRIPTION	BY	DATE	231 Main Street, Biddeford, Maine 04005 207.283.0193 REVISONS	
				DATE	01/29/2025 211 or 239	