

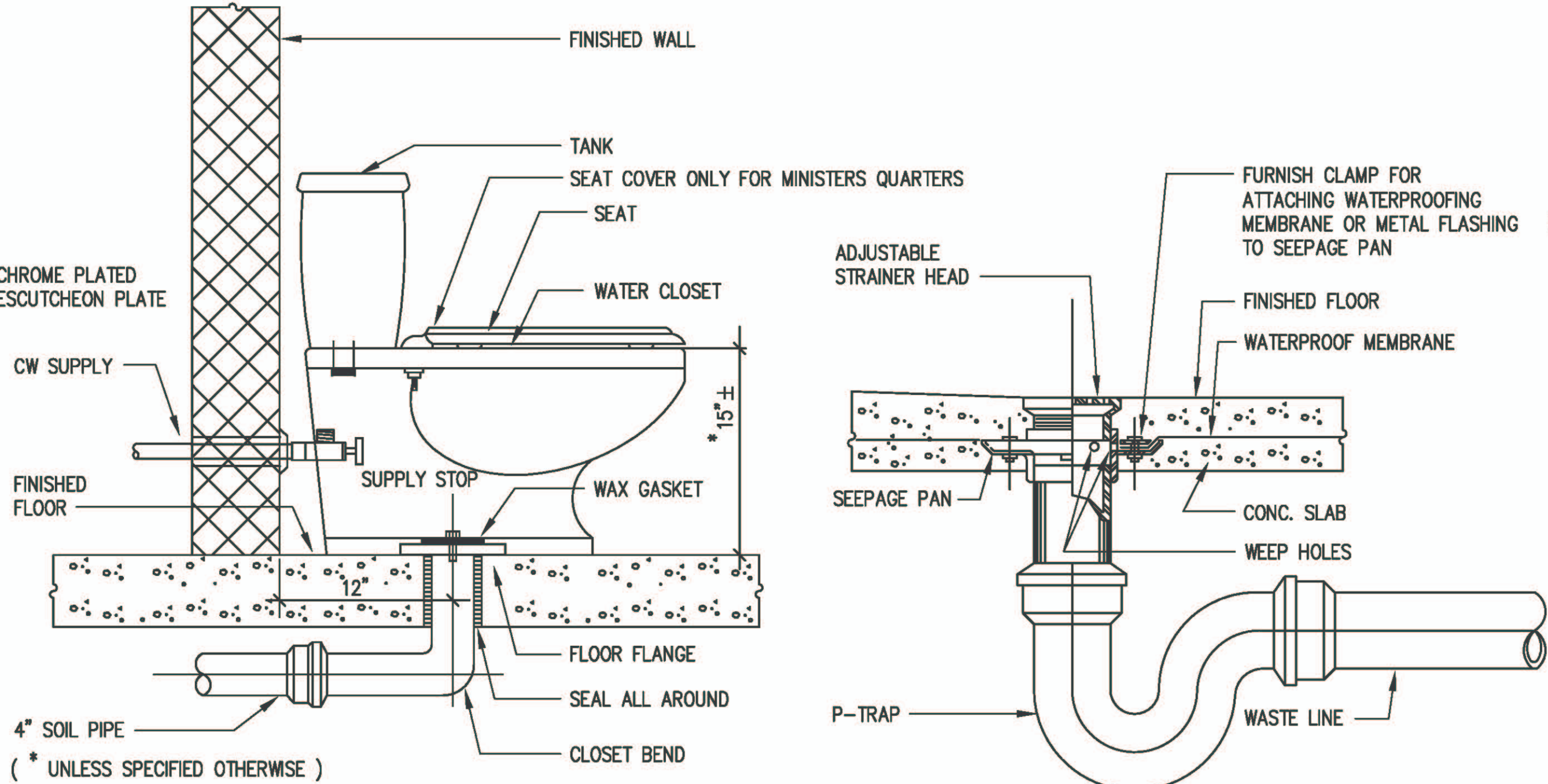
MECHANICAL SCHEDULE:

PROVIDE MAGNETIC STARTER/DISCONNECTS WITH AUTOMATIC RESET FOR ALL UNITS. PROVIDE NEMA-4X STARTER ENCLOSURE FOR ALL OUTDOOR EQUIPMENT. ALL OUTDOOR EQUIPMENT SHALL HAVE POLYSILOXANE COATING PROTECTION ON INSIDE AND OUTSIDE OF HOUSING. COILS (CONDENSER) SHALL HAVE BLYGOLD POLUAL COATING. PROVIDE PHASE FAILURE/PHASE REVERSAL/OVER VOLTAGE/UNDER VOLTAGE ELECTRICAL PROTECTION. PROVIDE CONTROL VOLTAGE TRANSFORMERS.

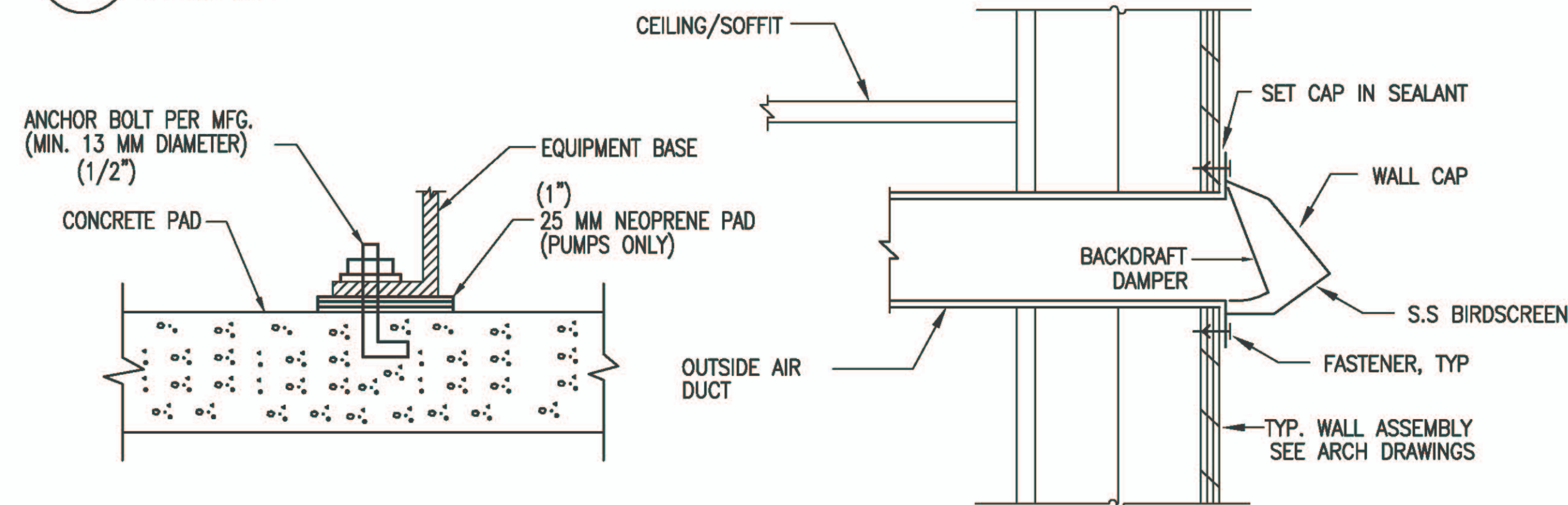
VRF SPLIT-SYSTEM AIR CONDITIONING UNIT SCHEDULE																		
INDOOR UNIT																		
UNIT NO.	MANUFACTURER AND MODEL	AREA SERVED	TYPE	MAX SUPPLY AIR, CFM	OUTSIDE AIR, CFM	TOTAL CAPACITY (BTUH)	ENT AIR TEMP db (°F)	wb (°F)	REFRIG LIQ	LINES* GAS	COND DRAIN	ELECTRICAL				MAX SOUND LEVEL (dBA)	OPR WT (LBS)	REMARKS
FCU A1	mitsubishi PCA-A36KA7	OFFICE	CEILING HUNG	980	35	36,000	76	64	1/4"	1/2"	3/4"	208	1	60	2.0	30	79	PROVIDE WITH CONDENSATE PUMP, AND NEOPRENE PADS.
*CONTRACTOR SHALL CONFIRM REFRIGERANT PIPE SIZES WITH MANUFACTURER PRIOR TO PROCUREMENT.																		
OUTDOOR UNIT																		
UNIT NO.	MANUFACTURER AND MODEL	LOCATION	TYPE	REFRIG	TOTAL CAPACITY (BTUH)	AMBIENT AIR TEMP (°F)	SEER/EER	ELECTRICAL				OPR WT (LBS)		REMARKS				
ACCU A	mitsubishi PUY-A36NKA7	OUTSIDE	VARIABLE REFRIG FLOW	R410A	36,000	95	19.1/11.0	208	1	60	25.0	31.0	211.0	PROVIDE NEOPRENE ISOLATORS, STARTER AND DISCONNECT, FACTORY APPLIED CORROSION INHIBITOR COATING ON CONDENSER COIL AND CASING. PROVIDE WIRING AND PIPING FROM ACCU TO INDOOR FCU.				

PLUMBING SCHEDULE:

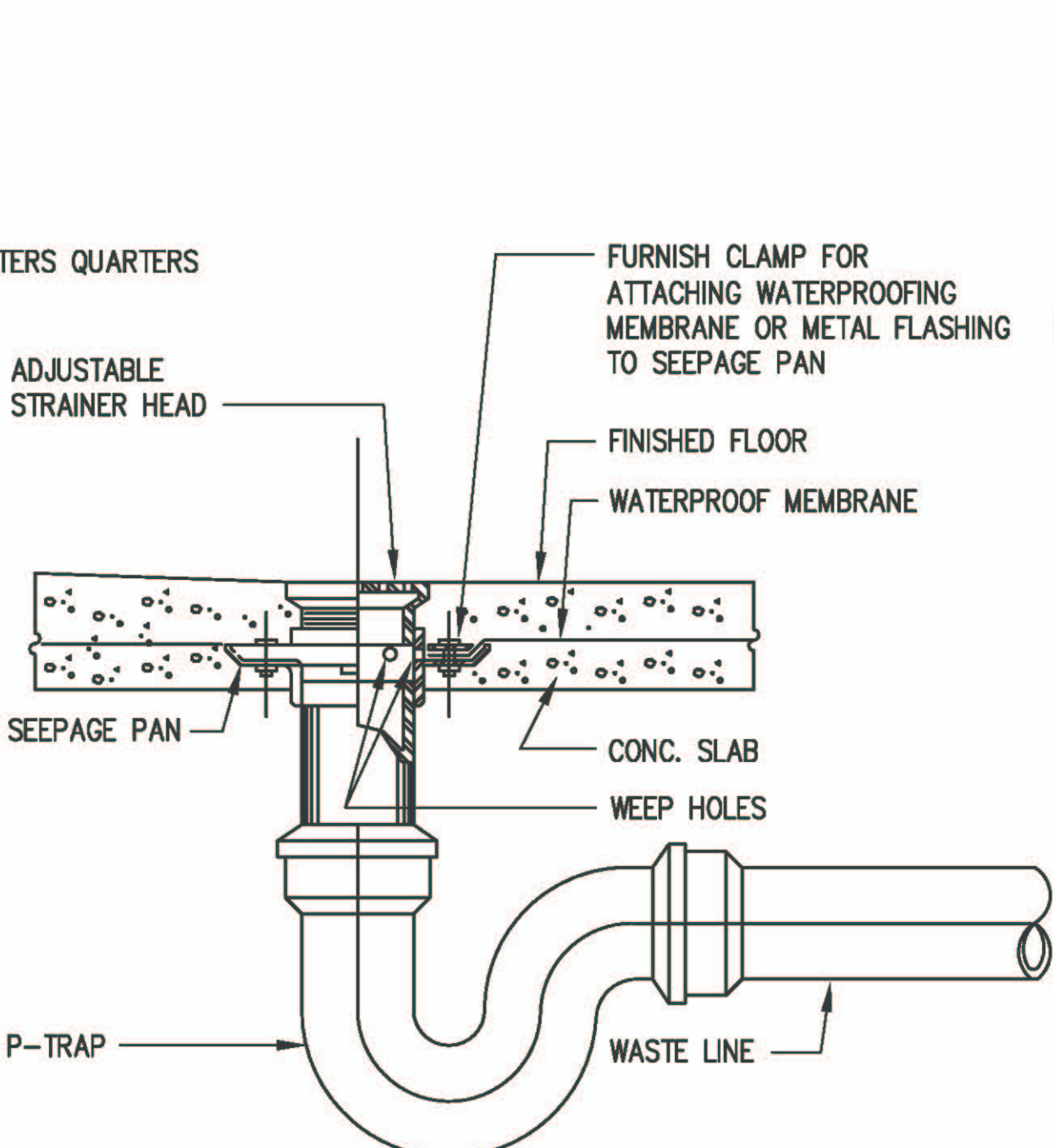
ELECTRIC WATER HEATER SCHEDULE													
UNIT NO.	MANUFACTURER AND MODEL OR APPROVED EQUAL	AREA SERVED	STORAGE CAPACITY (GAL)	HEATER DATA						HEIGHT (IN)	DIAMETER (IN)	GROSS WT (LBS)	REMARKS
				EWT (°F)	LWT (°F)	V	ø	Hz	kW				
<div><div>EW1</div><div>1</div></div>	RHEEM XE40M06ST45U1	BATHROOM, KITCHENETTE	50	72	140	240	1	60	4.5	50–1/2	23	132	PROVIDE WATER HEATER COMPLETE WITH HEAT TRAPS, ANTI SCALE FILTER, SHUTOFF VALVES, VACUUM BREAKER, T&P VALVE, EXPANSION TANK, AND DRAIN PAN. PROVIDE SEISMIC STRAP AND SECURE TO BUILDING. EXISTING TIME CLOCK TO BE CLEAN/REFURBISH.



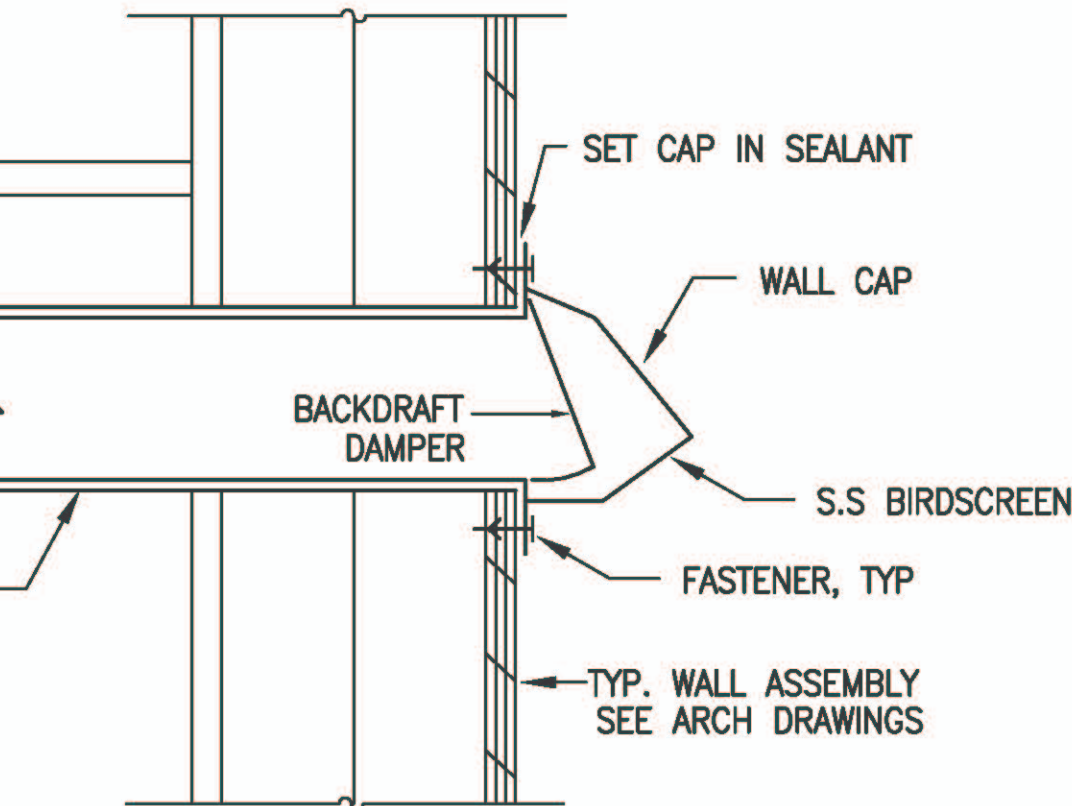
2 WATER CLOSET - FLOOR MOUNTED
SCALE: NTS



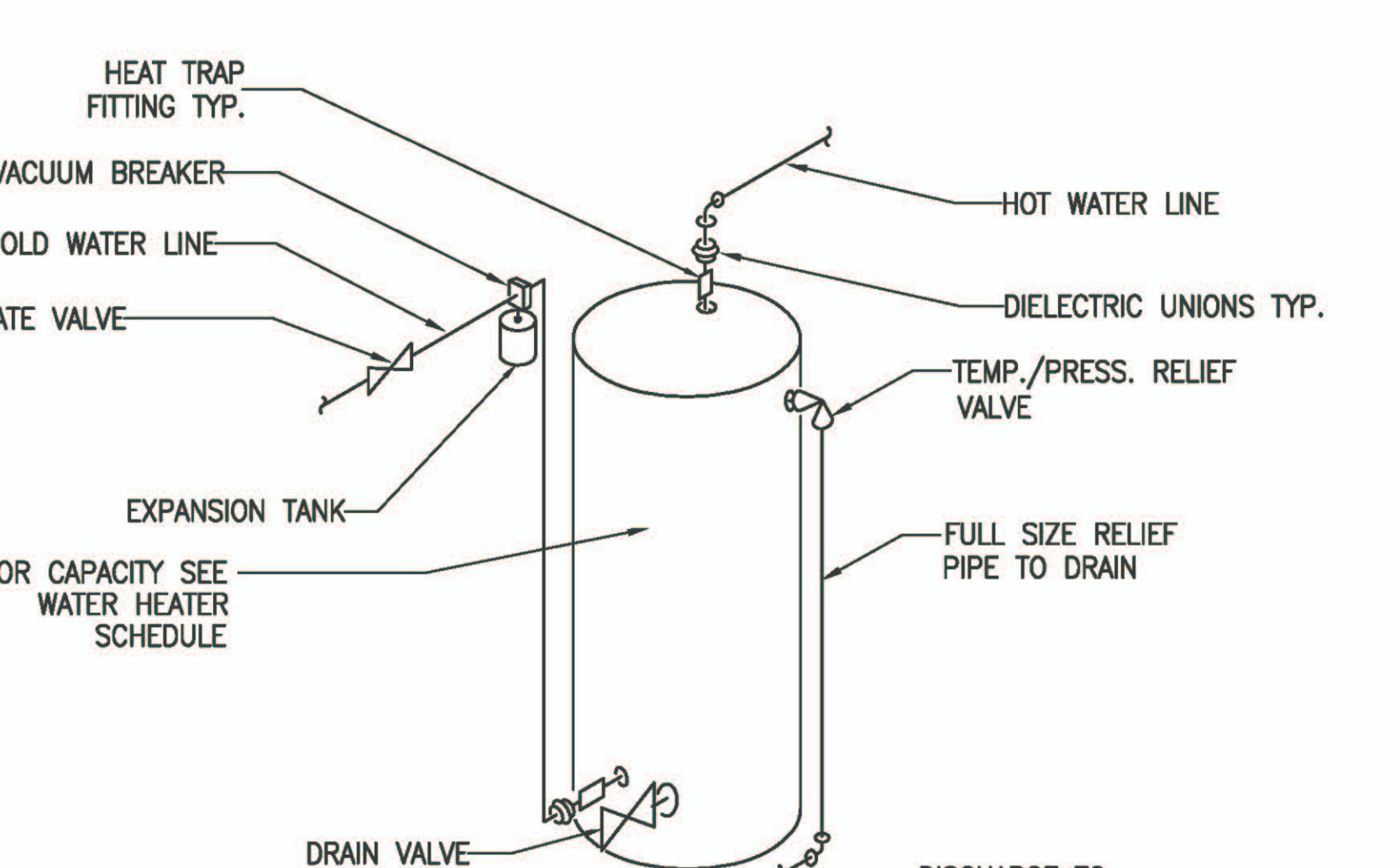
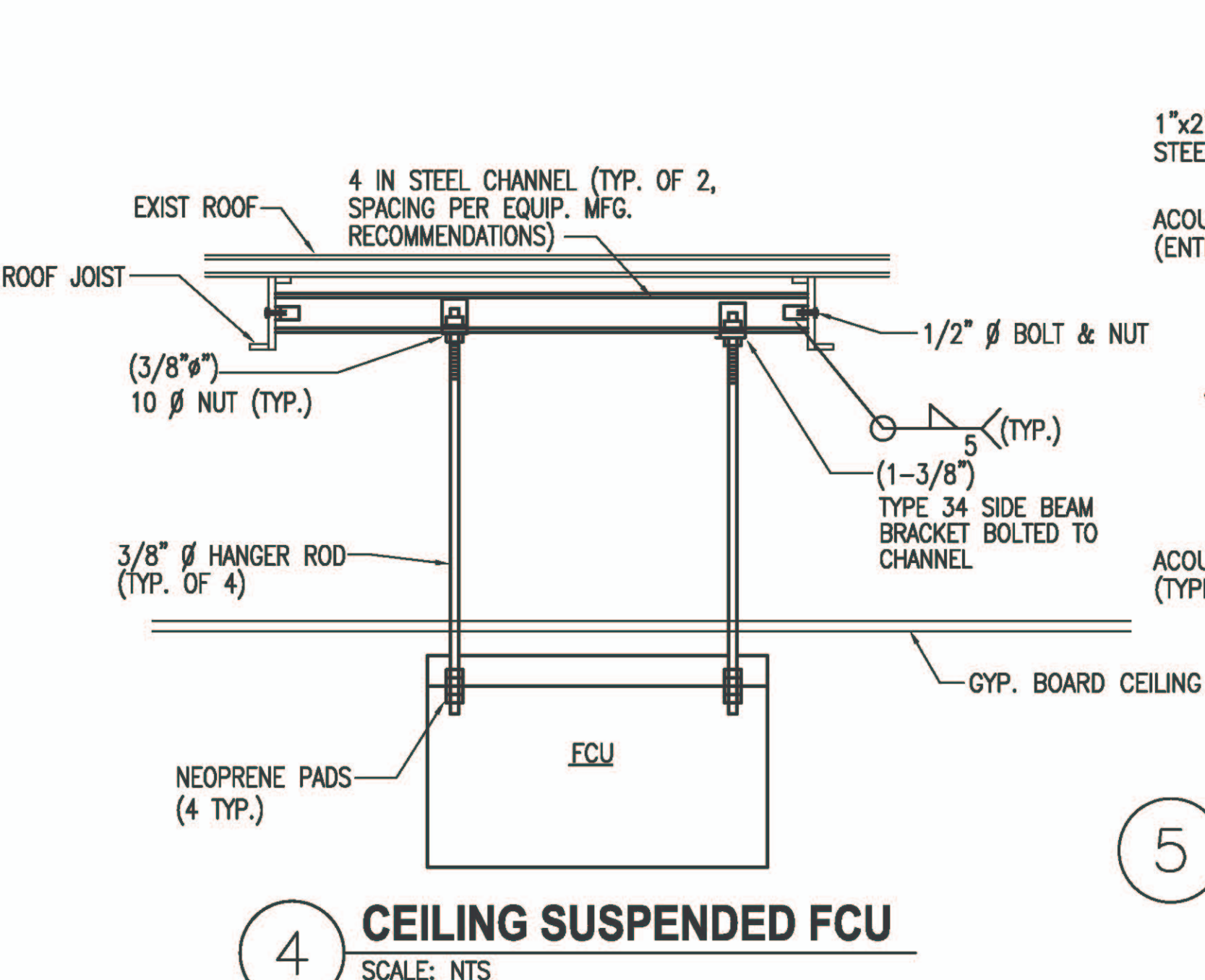
7 ACCU MOUNTING BASE DETAIL
SCALE: NTS



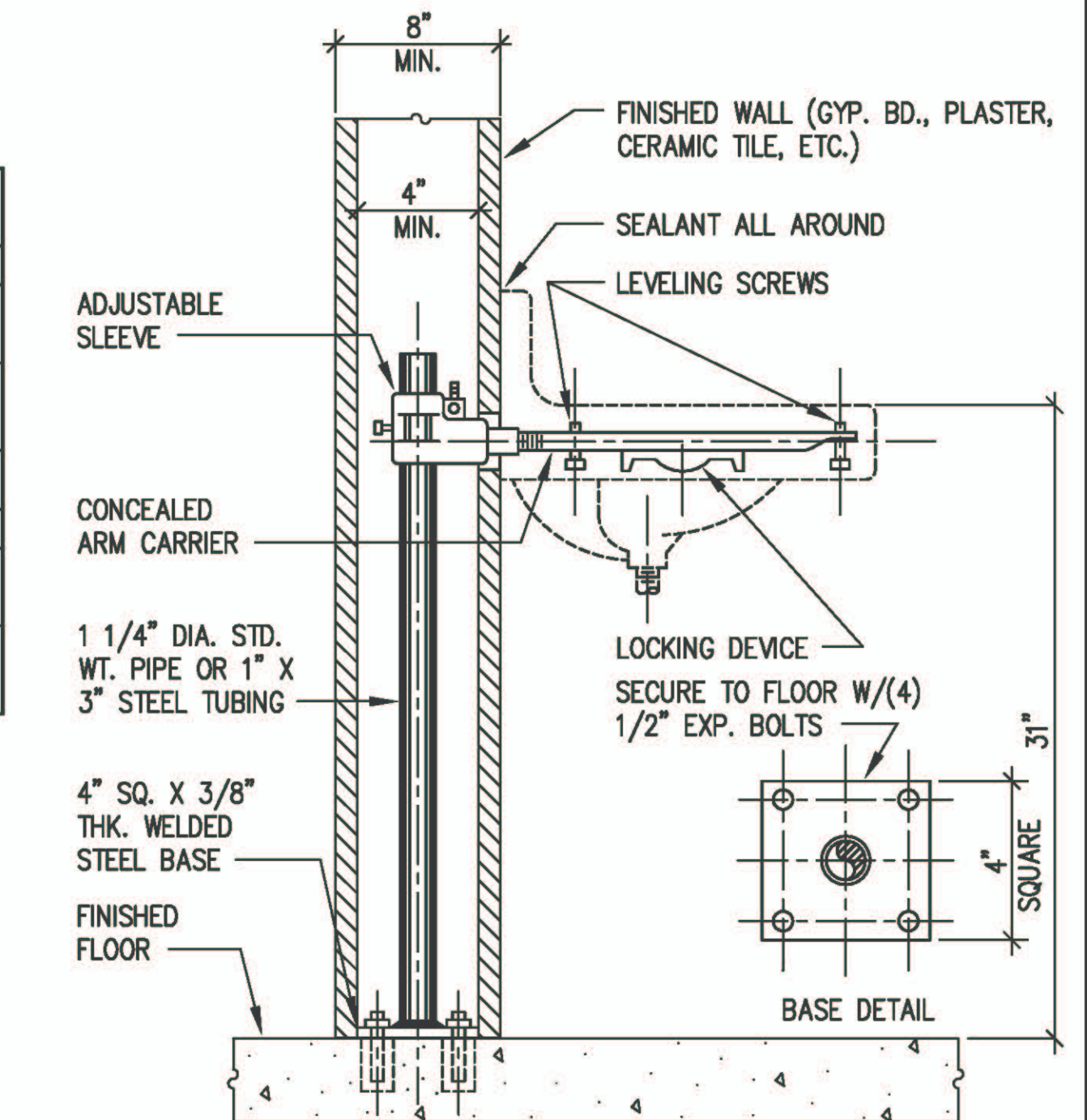
3 SHOWER DRAIN DETAIL
SCALE: NTS



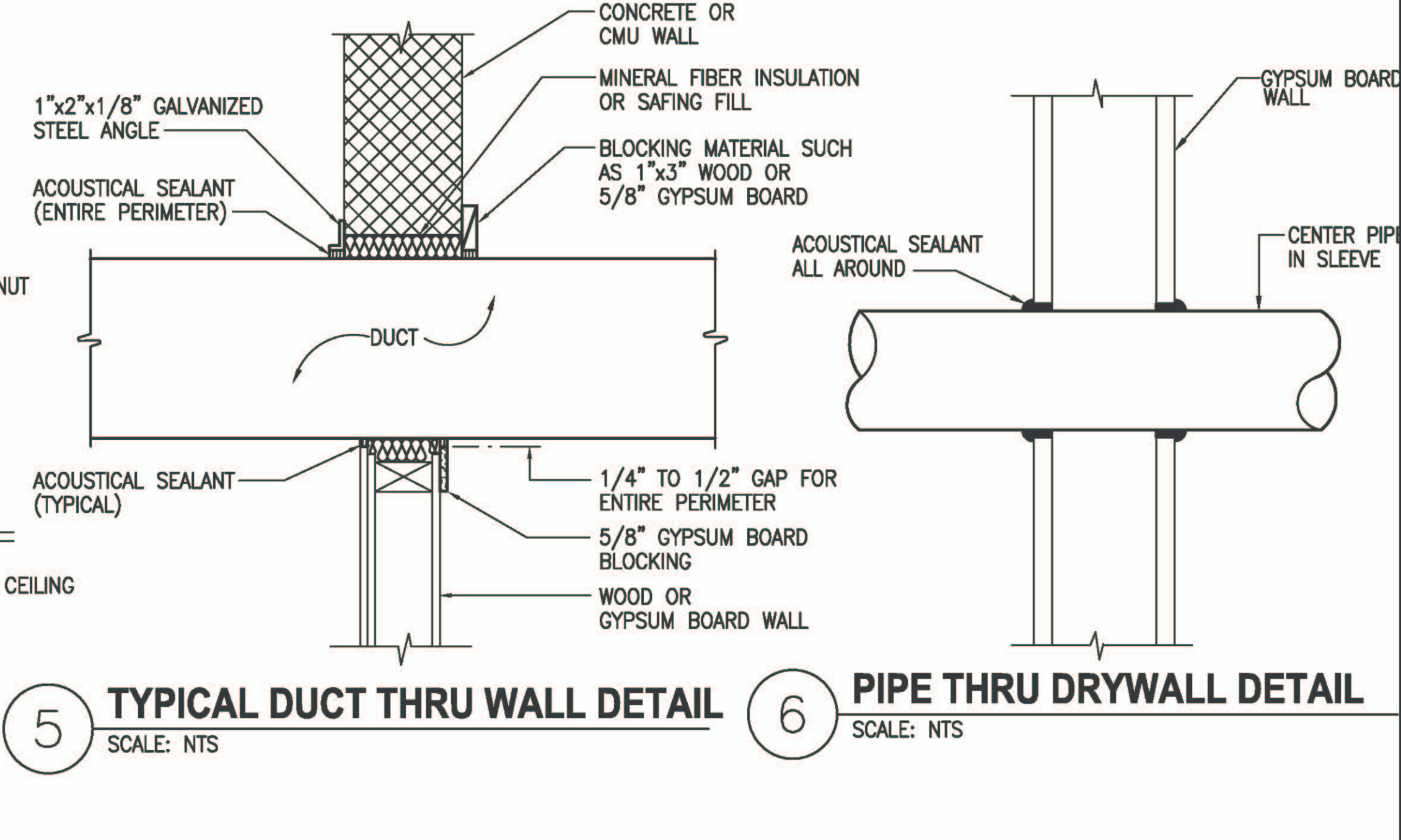
8 WALL CAP DETAIL
SCALE: NTS



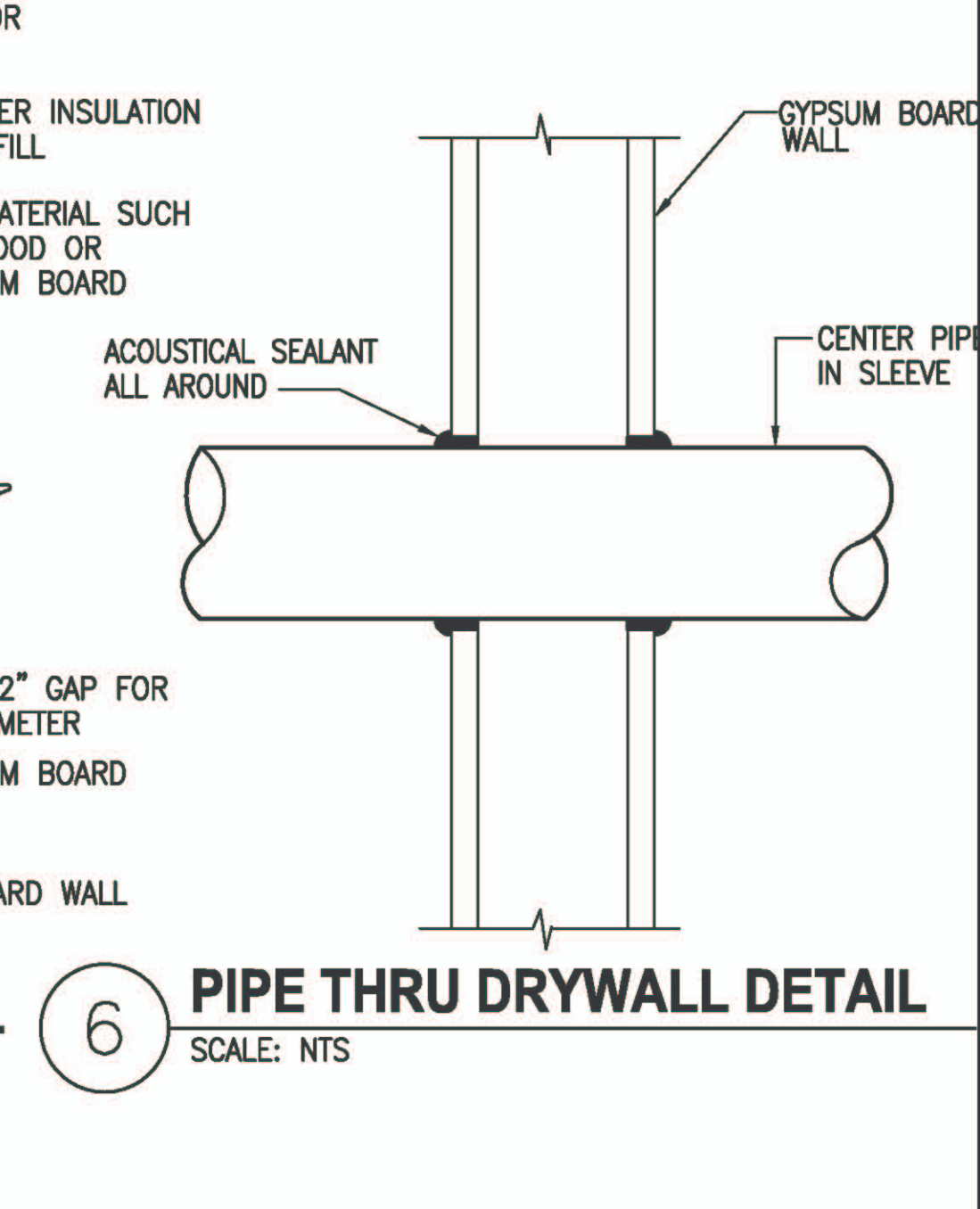
9 WATER HEATER DETAIL
SCALE: NTS



1 LAVATORY - FLOOR SUPPORTED
SCALE: NTS



5 TYPICAL DUCT THRU WALL DETAIL
SCALE: NTS



6 PIPE THRU DRYWALL DETAIL
SCALE: NTS

	REV	DATE	DESCRIPTION	BY	APPROVED	
	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION					
	JOB TITLE REPAIR HARBOR AGENT'S OFFICE AT KALAELOA BARBERS POINT HARBOR KALAELOA BARBERS POINT HARBOR, OAHU, HAWAII					
	SHEET TITLE MECHANICAL SCHEDULE AND DETAILS					
	DESIGNED BY:	MEI			SHEET M-5 12 OF 16 SHEETS	
	DRAWN BY:	MEI				
	CHECKED BY:	RRT				
	DATE:	JAN. 2023				
	PROJECT MECHANICAL ENGINEER		JOB NUMBER			
	APRIL 30, 2024 EXPIRATION DATE OF LICENSE		S10846			
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION		AS NOTED				