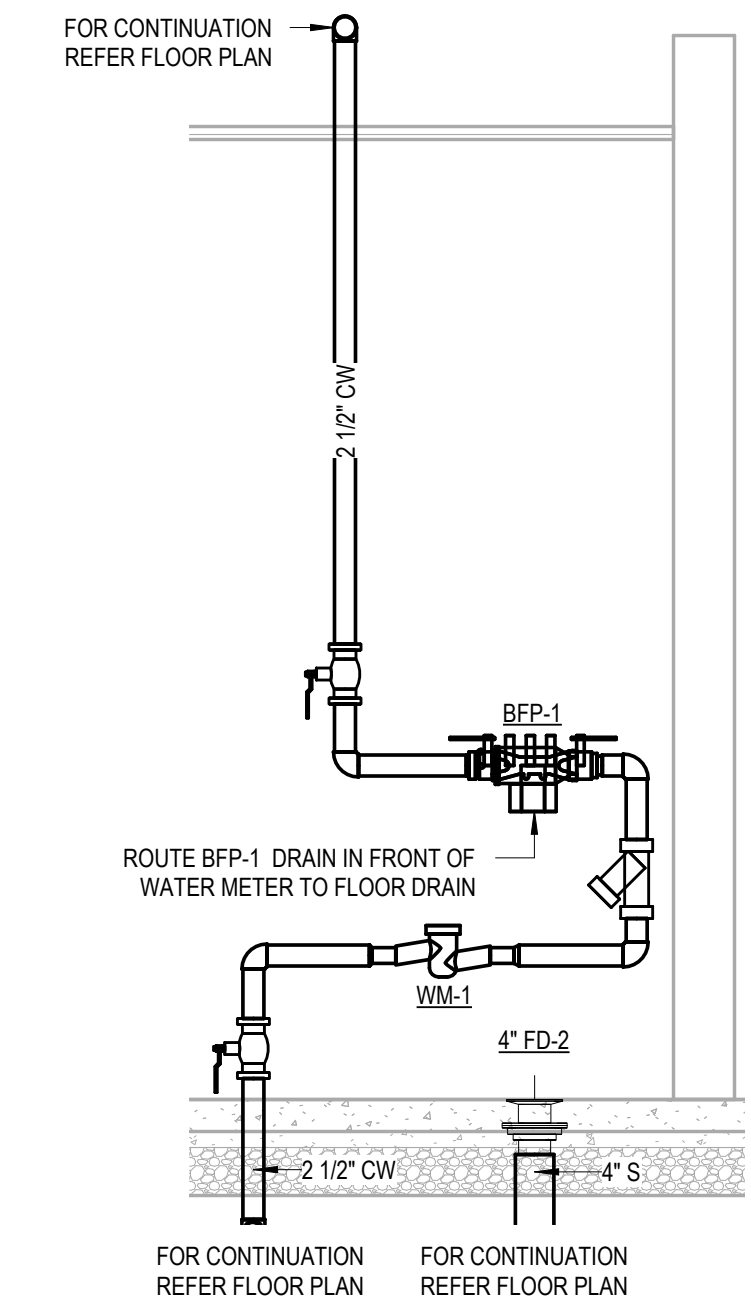
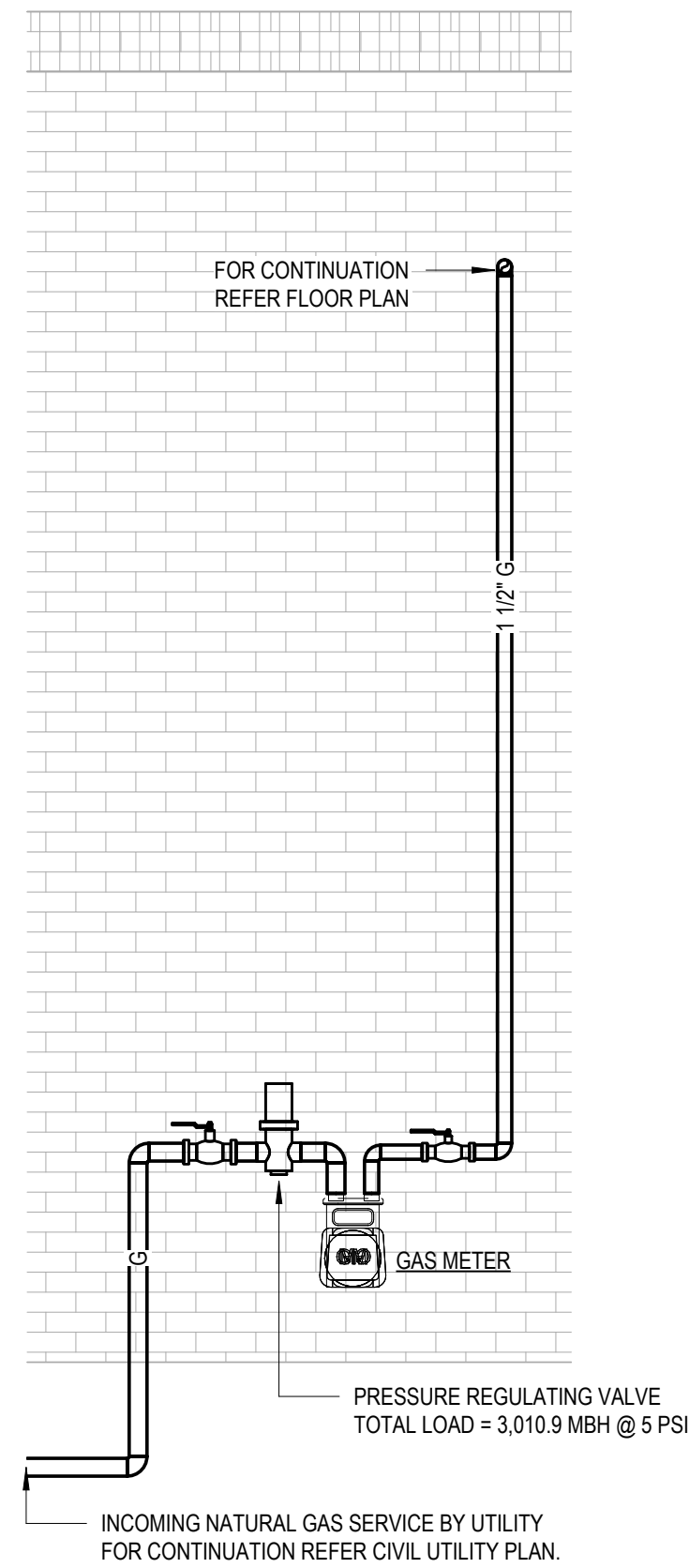
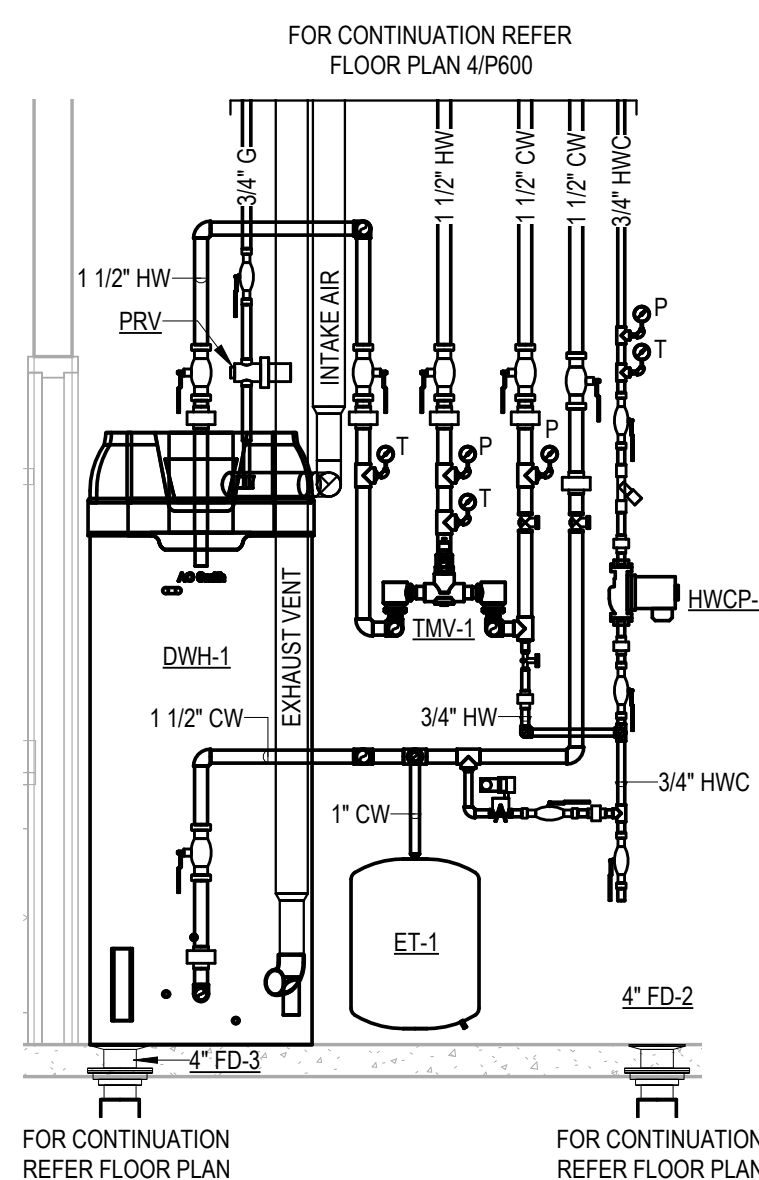




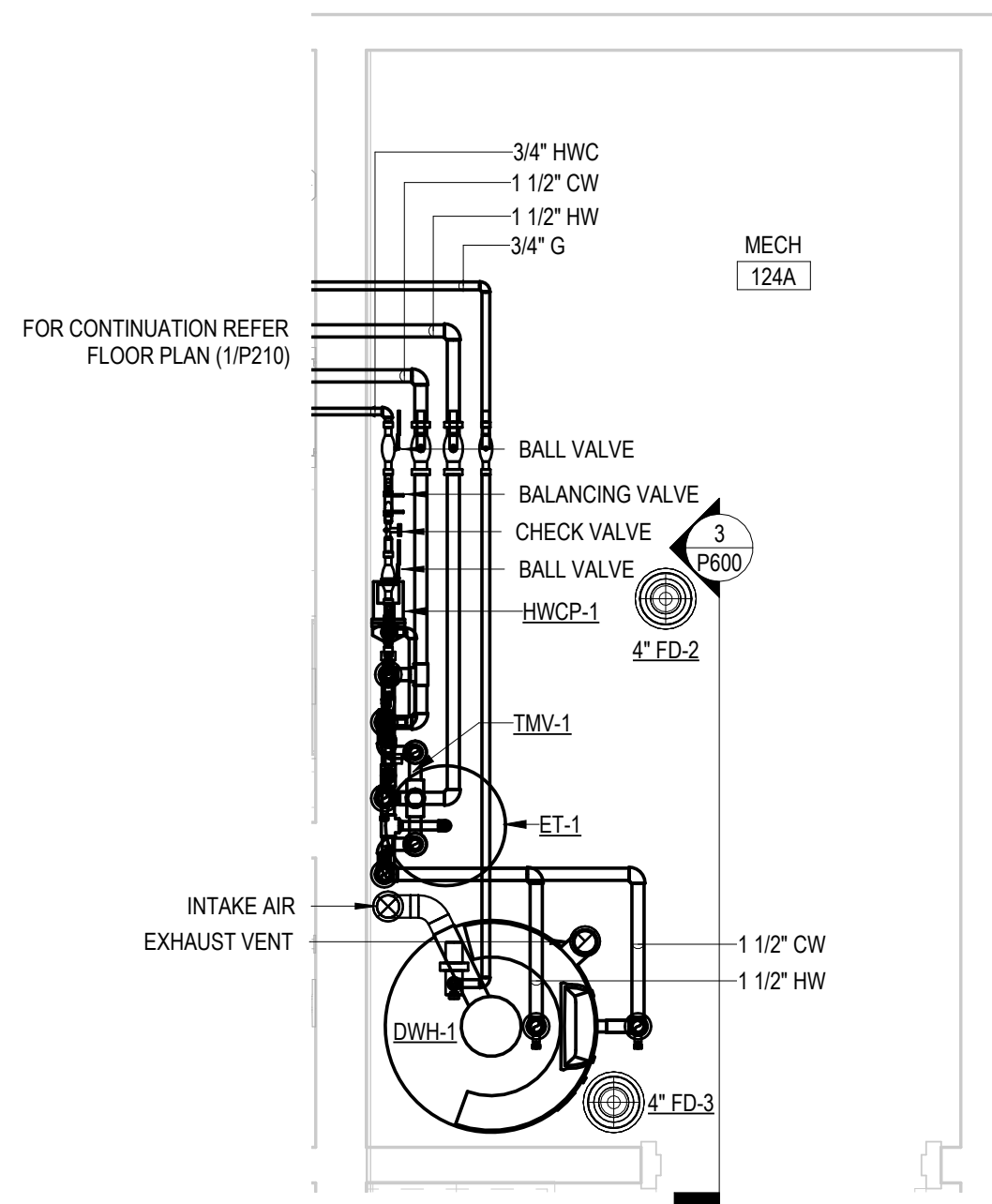
1 DOMESTIC WATER SERVICE ENTRANCE SECTION
1/2" = 1'-0"



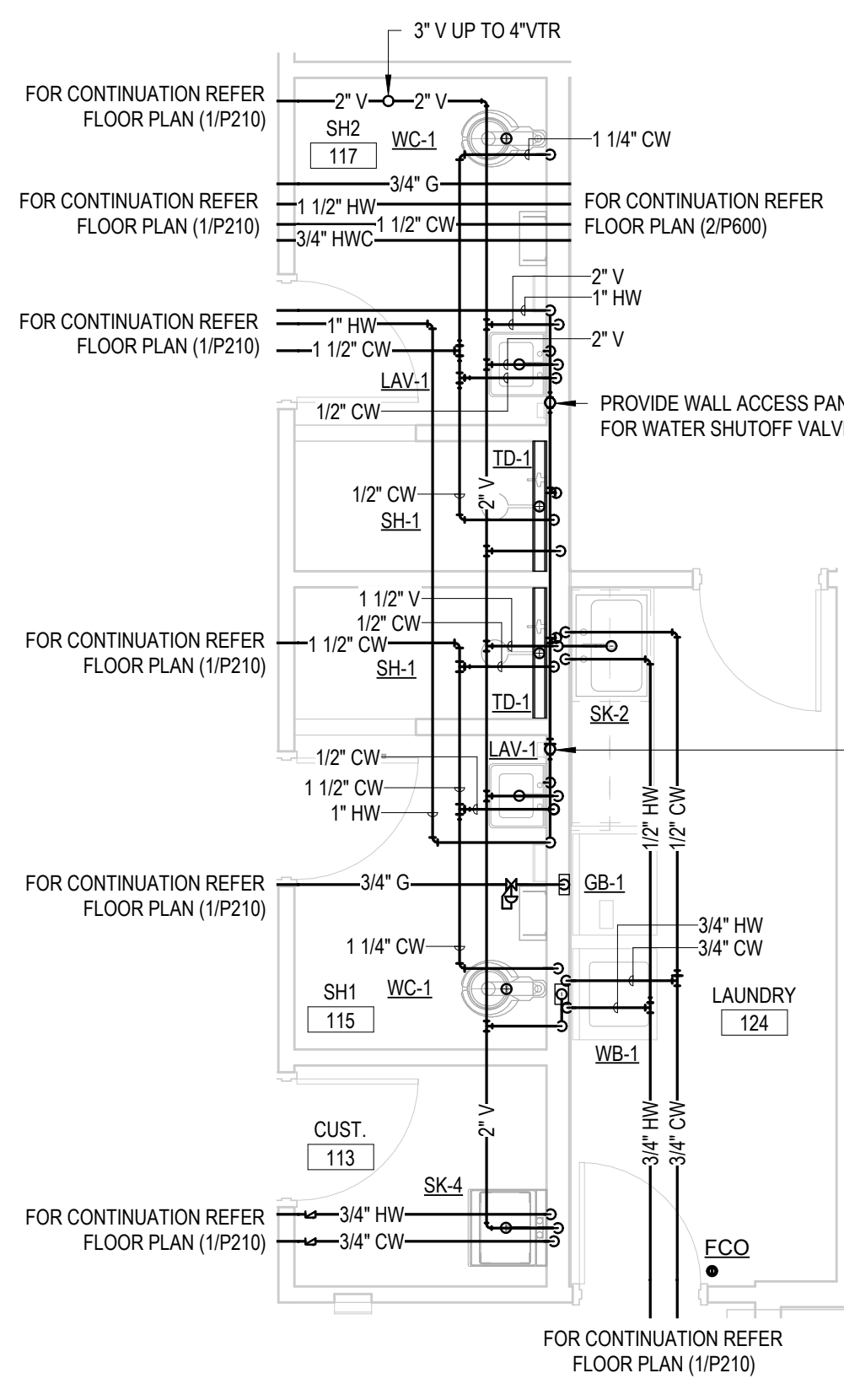
2 NATURAL GAS SERVICE ENTRANCE SECTION
1/2" = 1'-0"



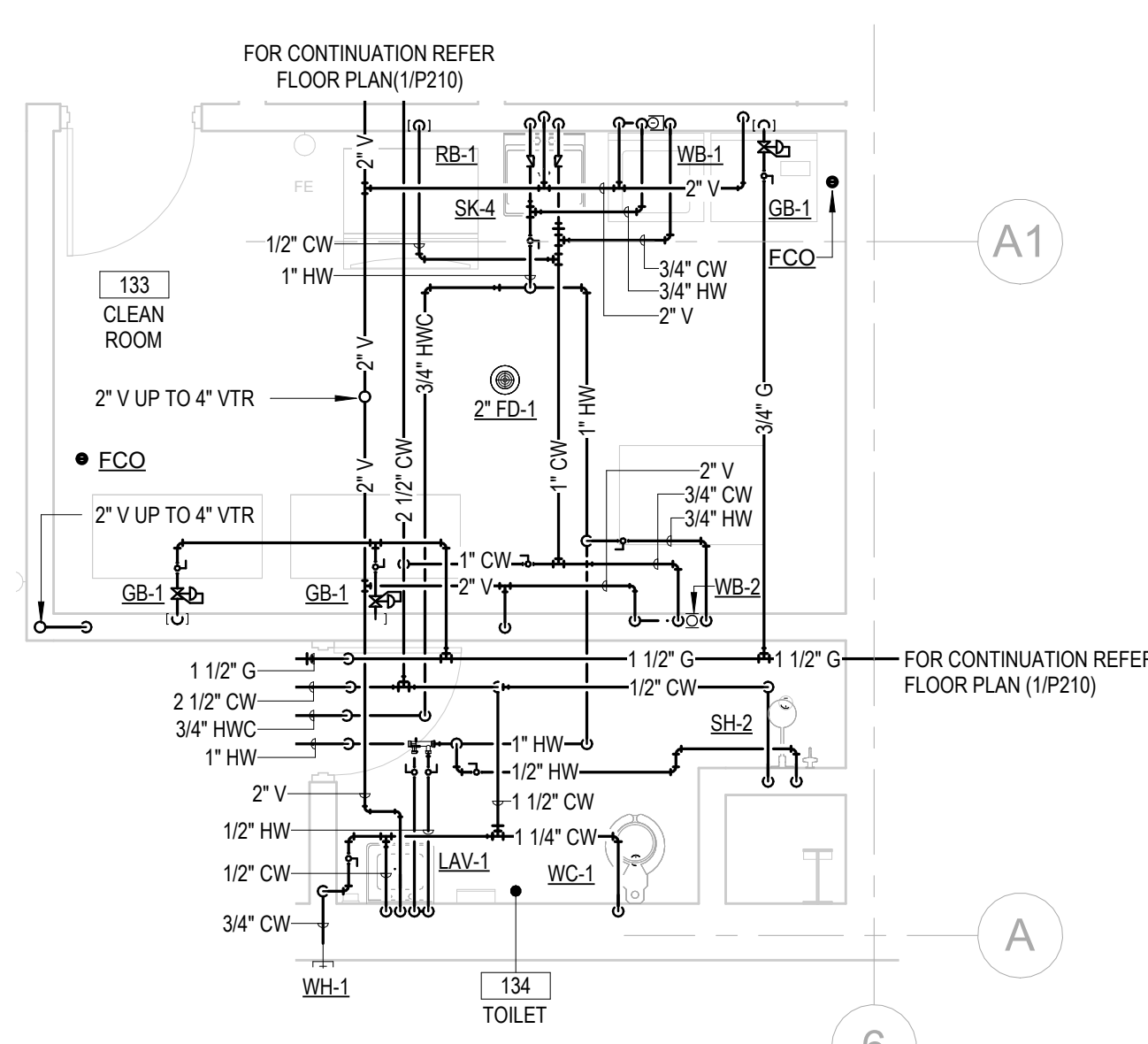
3 DOMESTIC WATER HEATER PIPING CONNECTION SECTION
1/2" = 1'-0"



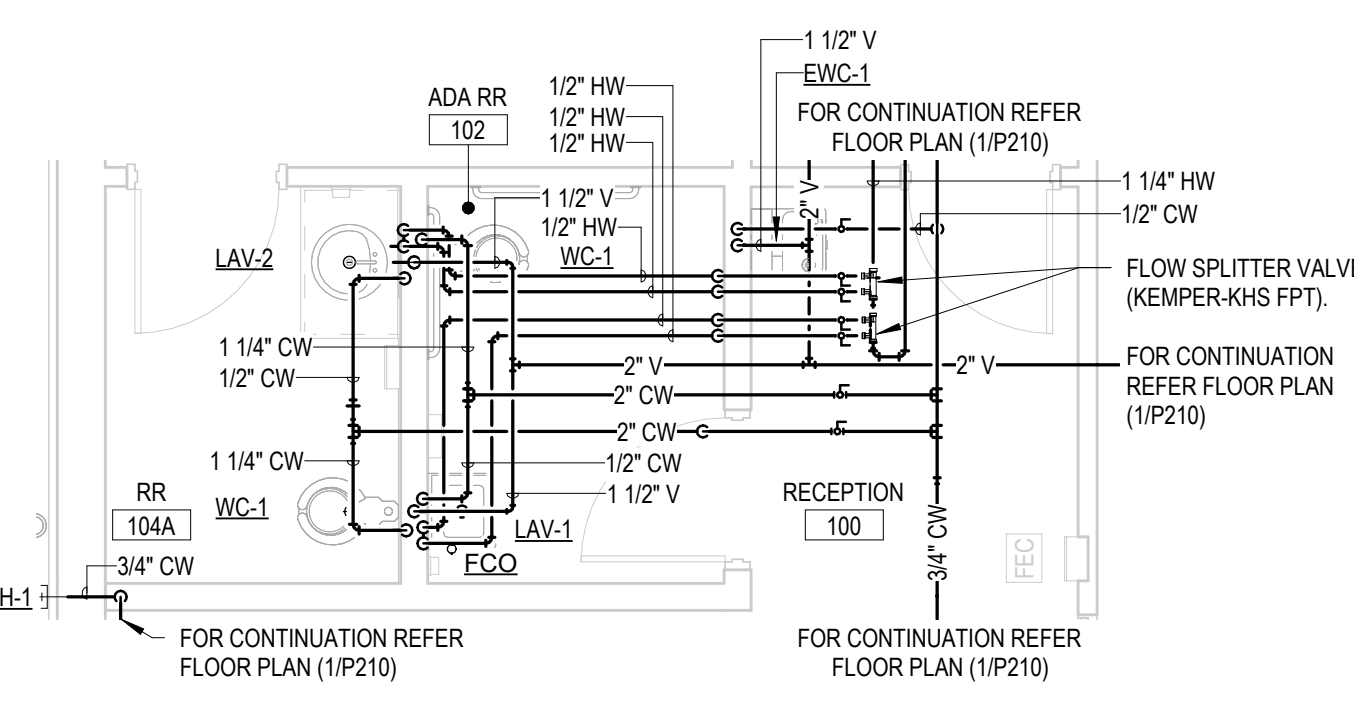
4 ENLARGED MECHANICAL ROOM PLUMBING PLAN
1/2" = 1'-0"



5 ENLARGED PLUMBING PLAN (SH1 115, SH2 117 & LAUNDRY 124)
1/4" = 1'-0"



6 ENLARGED PLUMBING PLAN (CLEAN ROOM 133 & TOILET 134)
1/4" = 1'-0"



7 ENLARGED PLUMBING PLAN (RR 104A, ADA RR 102 & RECEPTION 100)
1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE															
TAG	DESCRIPTION	LOCATION	FIXTURE	VALVE	TRIM	WHA TYPE	ADA	ROUGH-IN SIZES				ELECTRICAL		NOTES	
								W	V	CW	HW	TYPE	EMERG.		
EW-1	ELECTRIC WATER COOLER	RECEPTION 100	WF-3	-	TR-4	A	Yes	1 1/2"	1 1/2"	1/2"	1/2"	-	-	-	-
FD-1	FLOOR DRAIN (GENERAL)	CLEAN ROOM 133 / STORAGE 130 / HOSE STORAGE 131 / BUNKER GEAR 128	D-1	-	TR-8	-	No	*	*	-	-	-	-	No	* REFER TO PLANS FOR SIZES.
FD-2	FLOOR DRAIN (FLUSH)	MECH 124A / UTILITY 132	D-2	-	TR-8	-	No	*	*	-	-	-	-	No	* REFER TO PLANS FOR SIZES.
FD-3	FLOOR DRAIN (RECESSED)	MECH 124A	D-3	-	TR-8	-	No	*	*	-	-	-	-	No	* REFER TO PLANS FOR SIZES.
FWG-1	FOOD WASTE GRINDER	KITCHEN 122	FWG-1	-	TR-2	-	No	1 1/2"	-	-	-	PLUG	-	No	-
GB-1	GAS SUPPLY BOX	KITCHEN 122 / LAUNDRY 124 / CLEAN ROOM 133	HB-5	-	-	-	No	-	-	-	-	-	-	No	-
HB-1	HOSE BIBB	APPARATUS BAY 129	H-3	-	-	-	No	-	-	3/4"	-	-	-	No	-
LAV-1	LAVATORY (WALL HUNG)	TOILET 134 / ADA RR 102 / SH1 115 / SH2 117	L-2	F-3A	TR-1	A	Yes	1 1/2"	1 1/2"	1/2"	1/2"	-	-	No	-
LAV-2	LAVATORY (DROP-IN-OVAL)	RR 104A	L-3	F-1A	TR-1	A	Yes	1 1/2"	1 1/2"	1/2"	1/2"	-	-	No	-
RB-1	REFRIGERATOR BOX	KITCHEN 122	HB-1	-	-	-	No	-	-	1/2"	-	-	-	No	-
RH-1	ROOF HYDRANT	ROOF	H-5	-	-	A	No	-	-	3/4"	-	-	-	No	-
SH-1	SHOWER (SQUARE)	SH1 115 / SH2 117	*	BV-2	-	A	Yes	2"	1 1/2"	1/2"	1/2"	-	-	No	* REFER TO ARCHITECTURAL DRAWINGS FOR SHOWER WALLS AND FLOOR DESIGN.
SH-2	SHOWER (RECTANGULAR)	TOILET 134	*	BV-3	-	A	Yes	2"	1 1/2"	1/2"	1/2"	-	-	No	* REFER TO ARCHITECTURAL DRAWINGS FOR SHOWER WALLS AND FLOOR DESIGN.
SK-1	TWO COMPARTMENT SINK	KITCHEN 122	S-2	F-7	TR-2	A	No	1 1/2"	1 1/2"	1/2"	1/2"	-	-	No	-
SK-2	SINK (SINGLE)	LAUNDRY 124	S-1	F-1B	TR-2	A	Yes	1 1/2"	1 1/2"	1/2"	1/2"	-	-	No	-
SK-3	SINK (SINGLE)	BREAK 105	S-11	F-7	TR-2	A	Yes	1 1/2"	1 1/2"	1/2"	1/2"	-	-	No	-
SK-4	UTILITY SINK	CUST 113 / CLEAN ROOM 113	S-7	F-9	TR-2	A	No	3"	2"	3/4"	3/4"	-	-	No	-
TD-1	SHOWER TRENCH DRAIN	SH1 115 / SH2 117	D-23	-	TR-8	-	No	*	*	-	-	-	-	No	* REFER TO PLANS FOR SIZES.
TD-2	TRENCH DRAIN	APPARATUS BAY 129	D-19	-	TR-8	-	No	*	*	-	-	-	-	No	* REFER TO PLANS FOR SIZES.
WB-1	WASHER SUPPLY BOX	LAUNDRY 124 / CLEAN ROOM 133	HB-2	-	-	A	No	2"	1 1/2"	3/4"	3/4"	-	-	No	-
WB-2	WASHER SUPPLY BOX	CLEAN ROOM 133	HB-2	-	-	A	No	3"	1 1/2"	3/4"	3/4"	-	-	No	-
WC-1	WATER CLOSET	SH1 115 / SH2 117 / TOILET 134 / RR 104A / ADA RR 102	T-2	FV-1E	-	A	Yes	3"	2"	1 1/4"	-	-	-	No	-
WH-1	WALL HYDRANT (EXTERIOR)	BUILDING EXTERIOR	H-2	-	-	-	No	-	-	3/4"	-	-	-	No	-

PLUMBING EQUIPMENT SCHEDULE															
TAG	DESCRIPTION	LOCATION	CAPACITY AND PERFORMANCE	CONNECTION SIZES		GAS REQUIREMENTS		ELECTRICAL DATA				CONNECTION	BAS	NOTES	REFERENCE MODEL
				INLET	OUTLET	INPUT MBH	PRESS	KW	HP	V	PH	EMERG.			
BFP-1	WATER SUPPLY SERVICE ENTRANCE BACKFLOW PREVENTER	UTILITY 132	62 GPM @ 11 PSI LOSS	2"	2"	-	-	-	0	0 V	0	No	-	-	ZURN # MODEL 375XL
BFP-2	FIRE PROTECTION SERVICE ENTRANCE BACKFLOW PREVENTER	APPARATUS BAY 129	250 GPM @ 3 PSI LOSS	3"	3"	-	-	-	0	0 V	0	No	-	-	ZURN # 350ASTDAR-BG OPTION
DWH-1	DOMESTIC WATER HEATER	MECH 124A	261 GPH @ 90° F ΔT 100 GAL STORAGE, 97% EFFICIENT	1 1/2"	1 1/2"	199.9	3.5"-14" WC	-	0	120 V	1	No	HARD WIRED	-	AO SMITH # BTH-199A
ET-1	EXPANSION TANK	MECH 124A	TANK VOLUME - 14.0 GAL ACCEPTANCE VOLUME - 9.17 GAL	1"	0"	-	-	-	0	0 V	0	No	-	-	WATTS # PLT-3S
HWCP-1	HOT WATER CIRCULATION PUMP	MECH 124A	10 GPM @ 17.5 FT TDH	1"	1"	-	-	-	0.0833	115 V	1	No	HARD WIRED	-	BELL & GOSSETT # PL-30
SOI-1	SAND-OIL INTERCEPTOR	BUILDING EXTERIOR	100 GPM FLOW RATE 250 GALL LIQUID CAPACITY	4"	4"	-	-	-	0	0 V	0	No	-	-	STRIEM # OS-100
TMV-1	THERMOSTATIC MIXING VALVE	MECH 124A	37 GPM @ 5 PSI LOSS	1 1/4"	1 1/4"	-	-	-	0	0 V	0	No	-	-	WATTS # LFM4433
WM-1	WATER METER	UTILITY 132	62 GPM @ 4 PSI LOSS	2"	2"	-	-	-	0	0 V	0	No	-	-	BADGER METER RECORDAL COMPOUND SERIES METER (2")