



HARRIMAN

AUBURN PORTLAND MANCHESTER

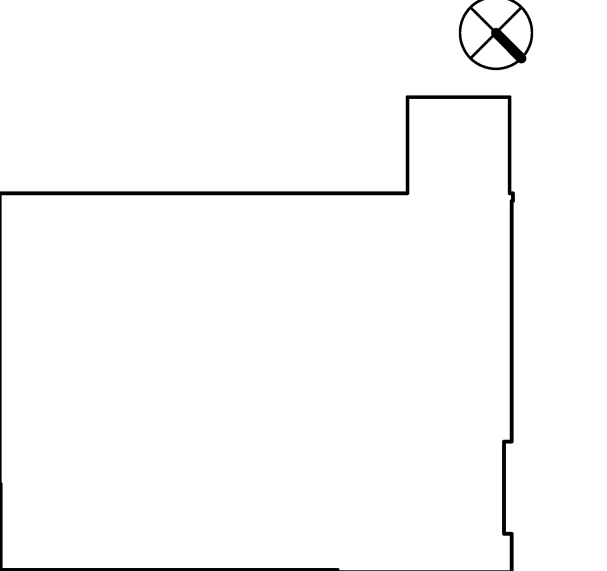
UNIVERSITY OF SOUTHERN MAINE CENTRAL HEAT PLANT UPGRADES

PORTLAND, ME

Harriman Project No. 14411

Key Plan

Proj North



Legend

	GAS PIPING BELOW FINISHED FLOOR		CIRCULATING PUMP		LAVATORY
	INDIRECT WASTE PIPING BELOW FINISHED FLOOR		CHECK VALVE		MOP RECEPTOR
	SANITARY PIPING BELOW FINISHED FLOOR		CAP		SINK
	STORM DRAIN PIPING BELOW FINISHED FLOOR		EMERGENCY EYEWASH		SHOCK ARRESTOR TYPE "E"
	VENT PIPING BELOW FINISHED FLOOR		EXPANSION TANK		WATER CLOSET
	CONDENSATE DRAIN PIPING ABOVE FINISHED FLOOR		FLOOR CLEANOUT		WALL HYDRANT
	COLD WATER PIPING ABOVE FINISHED FLOOR		FLOOR DRAIN		ABOVE FINISHED FLOOR
	GAS PIPING ABOVE FINISHED FLOOR		HOSE REEL		BELOW FINISHED FLOOR
	HOT WATER PIPING ABOVE FINISHED FLOOR				DOWN
	HOT WATER RETURN PIPING ABOVE FINISHED FLOOR				EXISTING
	INDIRECT WASTE PIPING ABOVE FINISHED FLOOR				TYPICAL
	SANITARY PIPING ABOVE FINISHED FLOOR				VENT THROUGH ROOF
	STORM DRAIN PIPING ABOVE FINISHED FLOOR				EXISTING PIPE LABEL
	VENT PIPING ABOVE FINISHED FLOOR				PIPE LABEL
					PIPE SIZE
					SYSTEM TYPE

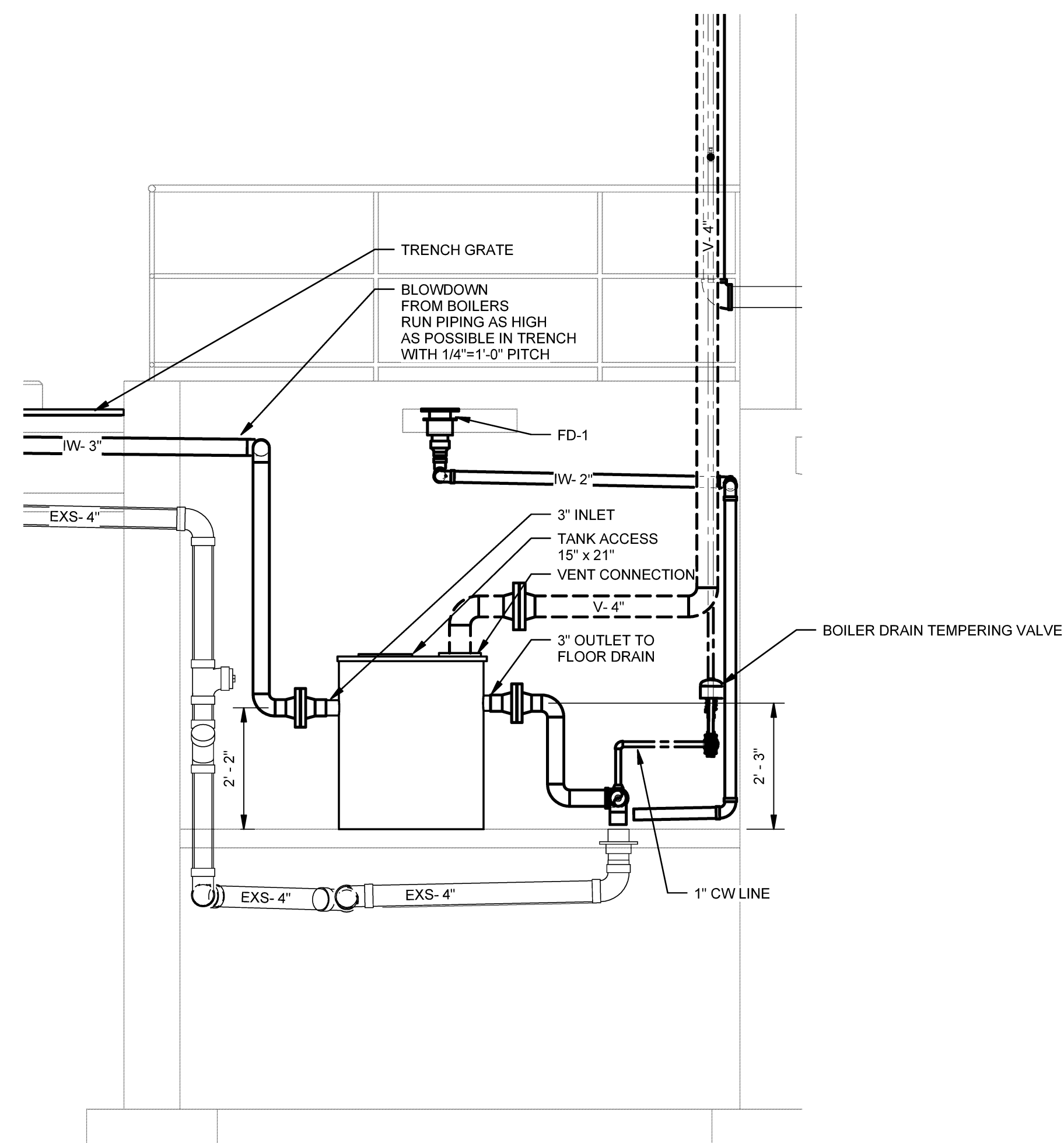
GENERAL NOTES

- COORDINATE WORK WITH THE WORK OF ALL OTHER TRADES.
- REFER TO INSTALLATION SCHEDULE DATA FOR THE SIZE OF PIPING CONNECTIONS AND MOUNTING HEIGHTS OF EACH FIXTURE.
- SANITARY WASTE PIPING SHALL BE INSTALLED WITH A PITCH OF 1/4" PER 1'-0".
- STORM DRAIN PIPING SHALL BE INSTALLED WITH A PITCH OF 1/4" PER 1'-0".
- ALL PIPING SHALL BE CONCEALED EXCEPT IN SPACES WHERE NO CEILINGS OCCUR.

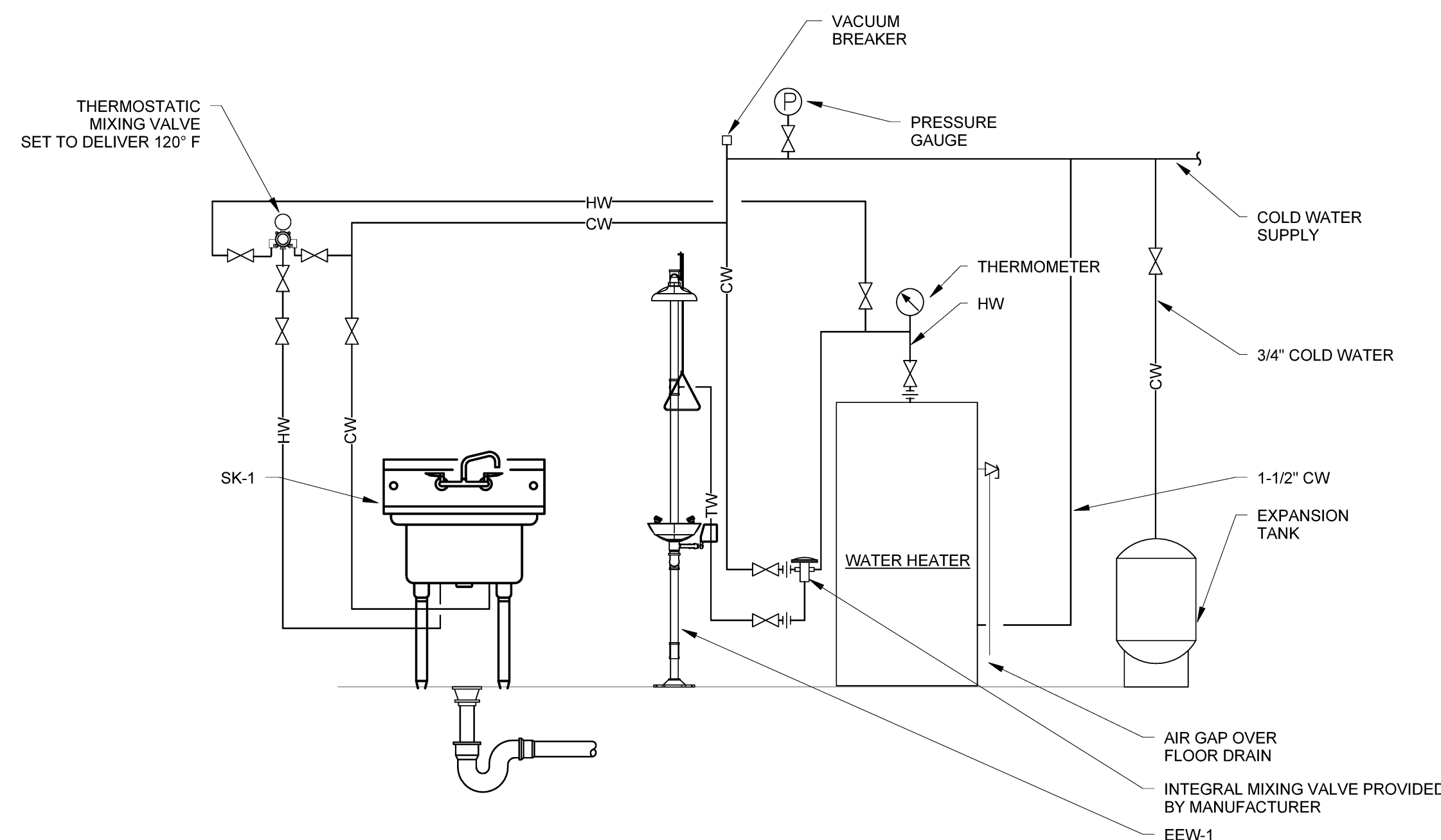
PLUMBING FIXTURE INSTALLATION SCHEDULE

LABEL	FIXTURE DESCRIPTION	BRANCH SIZE								SPECIFICATIONS	MTG. HT
		VENT	WASTE	CW	HW	HWR	TEMP	CA			
WC-1	WATER CLOSET FLOOR MOUNTED ADA COMPLIANT	2"	3"	1/2"	---	---	---	---	---	MANUAL FLUSH TANK TYPE TOILET	16-1/4"
L-1	LAVATORY ADA COMPLIANT	1-1/2"	2"	1/2"	1/2"	---	---	---	---	MANUAL TYPE FAUCET	34"
SK-1	STAINLESS STEEL ONE COMPARTMENT SINK	1-1/2"	2"	1/2"	1/2"	---	---	---	---	ADVANCE TABCO MODEL 4-1-18	34"
EEW-1	EMERGENCY EYEWASH/DRENCH STATION	---	---	---	---	---	---	1-1/4"	---	---	---
WHTR-1	EMERGENCY EYEWASH/SK-1 WATER HEATER	---	3/4"	1-1/2"	1-1/4"	---	---	---	---	---	MOUNTED ON FLOOR
WHTR-2	TANKLESS WATER HEATER	---	---	1/2"	1/2"	---	---	---	---	---	MOUNT ABOVE CEILING
HR-1	COMPRESSED AIR HOSE REEL	---	---	---	---	---	---	1/2"	---	---	7'-0" AFF
ET-1	EXPANSION TANK	---	---	3/4"	---	---	---	---	---	---	MOUNTED FROM PIPE
HB-1	HOSE BIBB	---	---	3/4"	---	---	---	---	---	---	38" AFF
WH-1	WALL HYDRANT	---	---	3/4"	---	---	---	---	---	---	AS NOTED

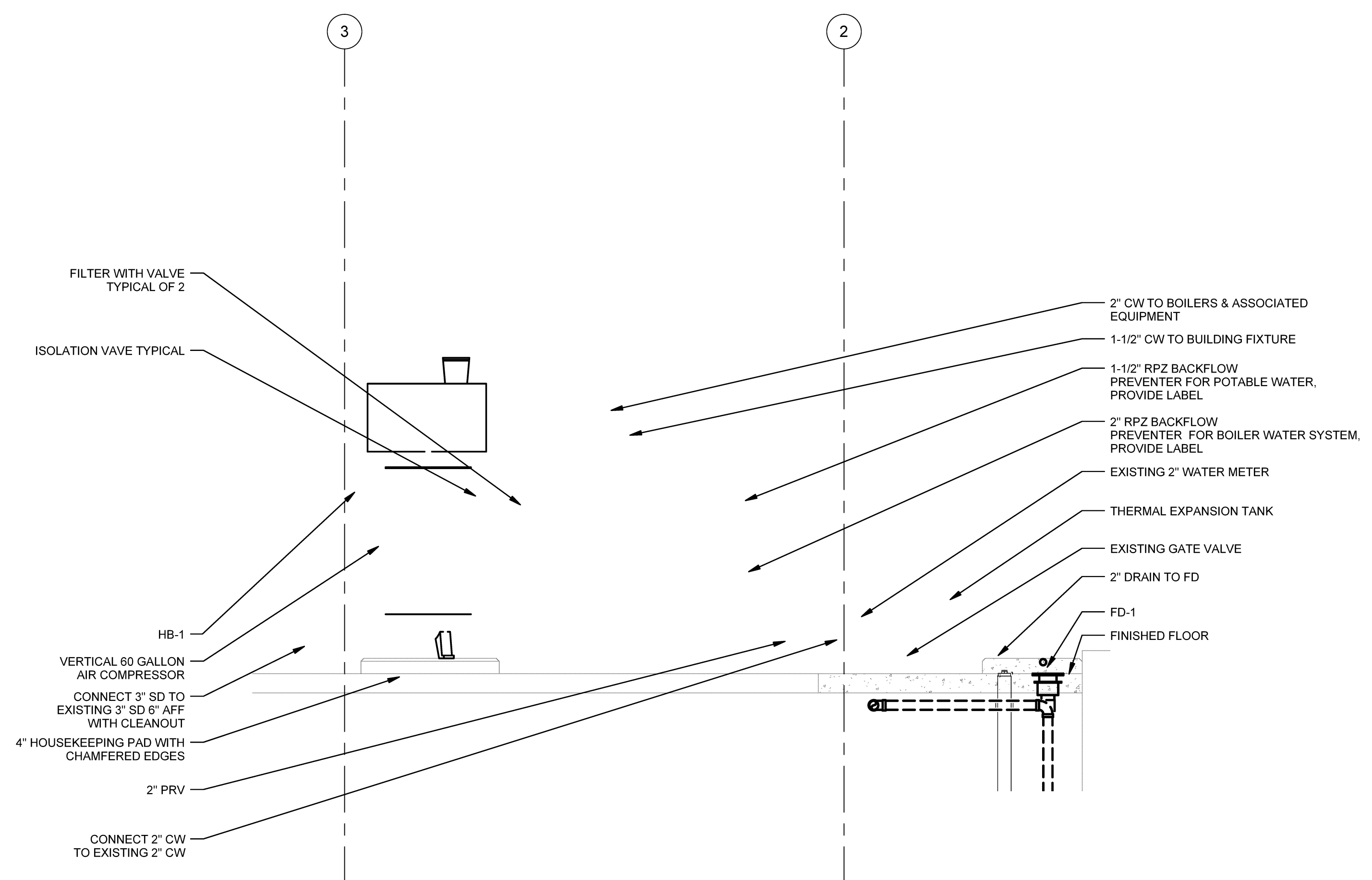
3 FLASH TANK SCALE: 1/2" = 1'-0"



2 WATER HEATER PIPING DETAIL NO SCALE

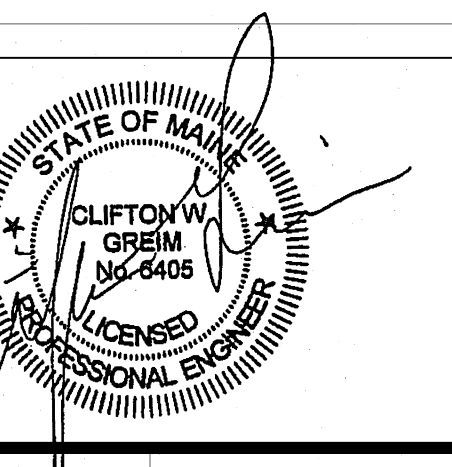


1 DOMESTIC WATER ENTRANCE SCALE: 1/2" = 1'-0"



Issues and Revisions

Mark	Date	Description
08-25-14		REVISED SCHEMATIC DESIGN
09-05-14		DESIGN DEVELOPMENT
09-19-14		PROGRESS REVIEW
09-26-14		PROGRESS REVIEW
10-03-14		PROGRESS REVIEW
10-10-14		FINAL REVIEW
10-23-14		100% REVIEW
10-31-14		ISSUED FOR BID



Drawing Scales

NO SCALE	

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LEGEND, SCHEDULES, DETAILS AND GENERAL NOTES

P00.1