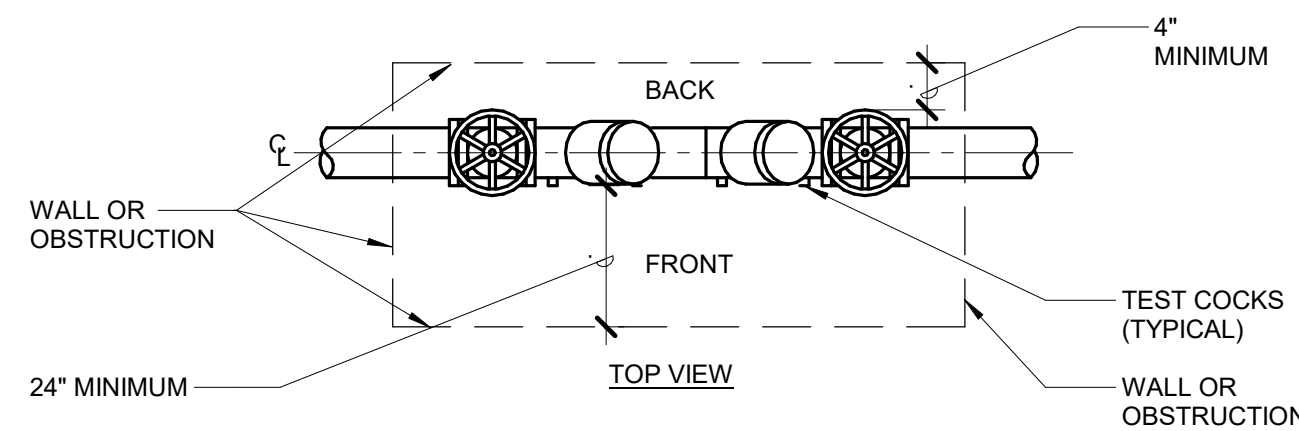
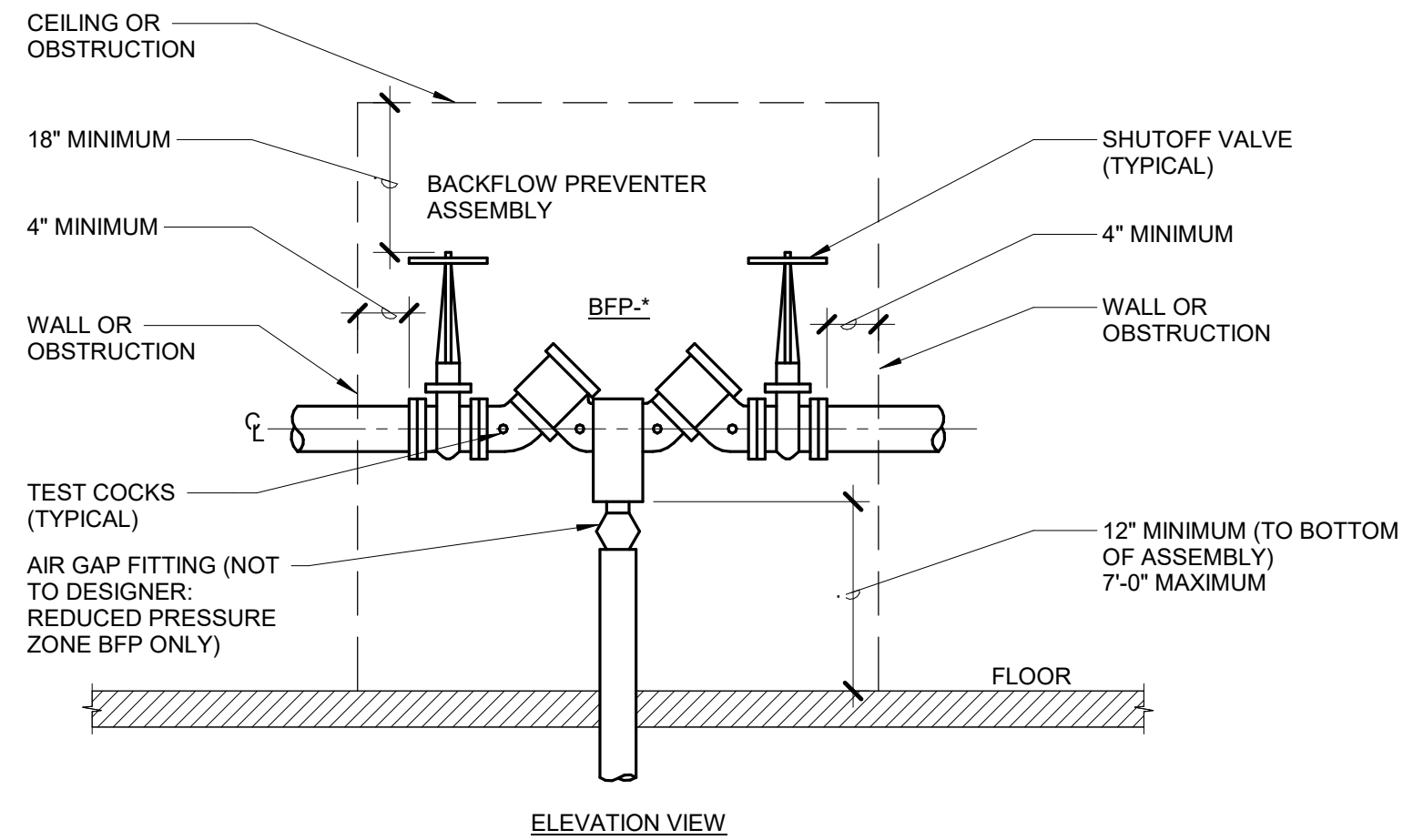
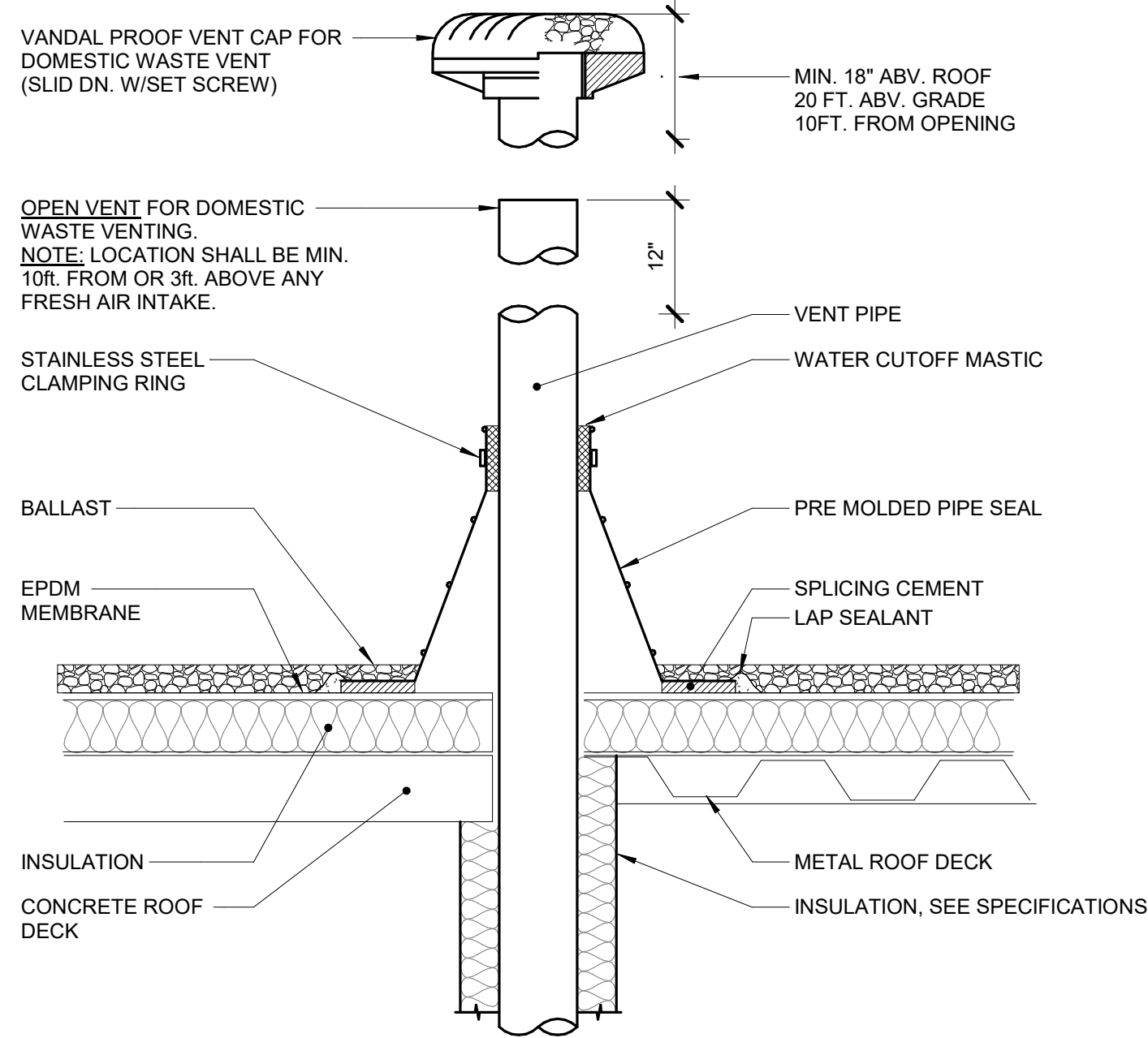




- NOTES:
1. REFER TO MATERIAL LIST FOR ASSEMBLY TYPE, SIZE, AND CONFIGURATION.

1 BACKFLOW PREVENTER DETAIL

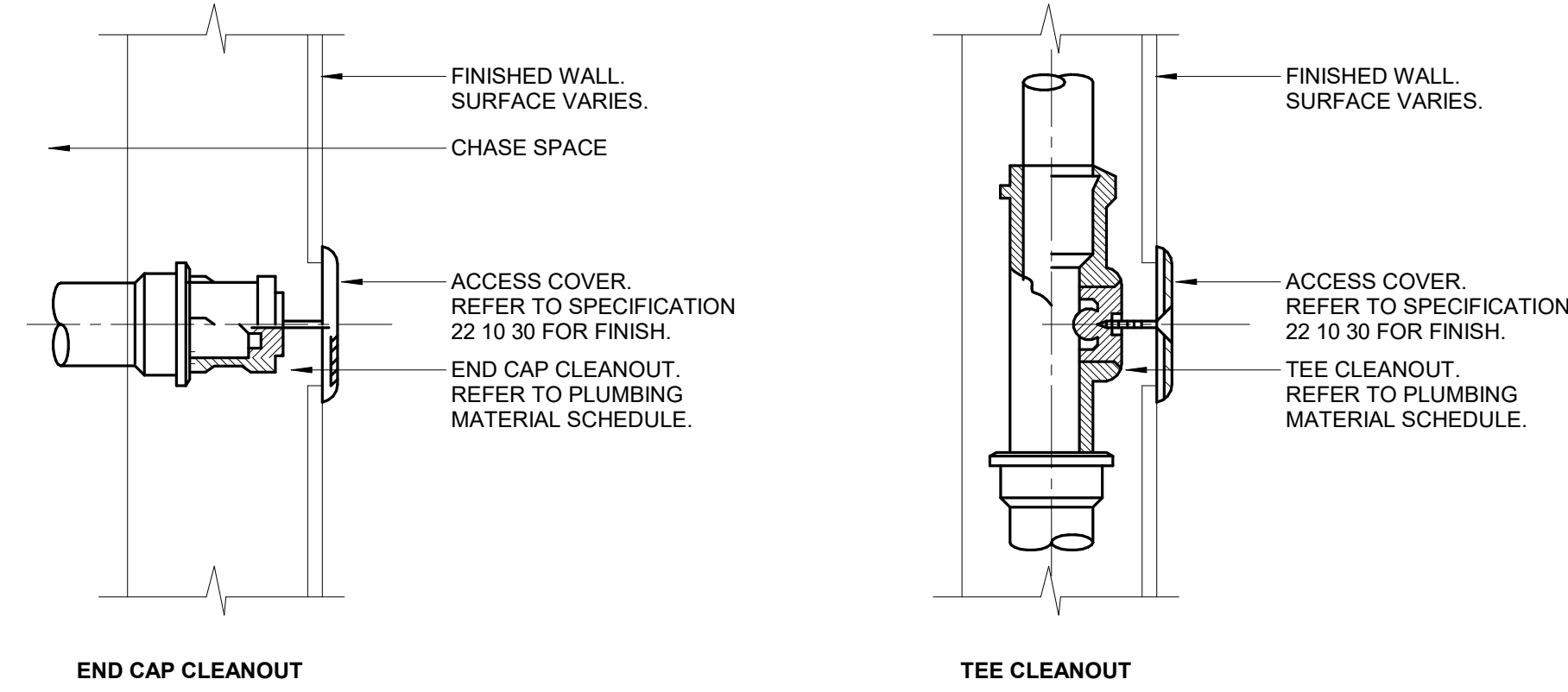
NO SCALE
M_BFP.0.01



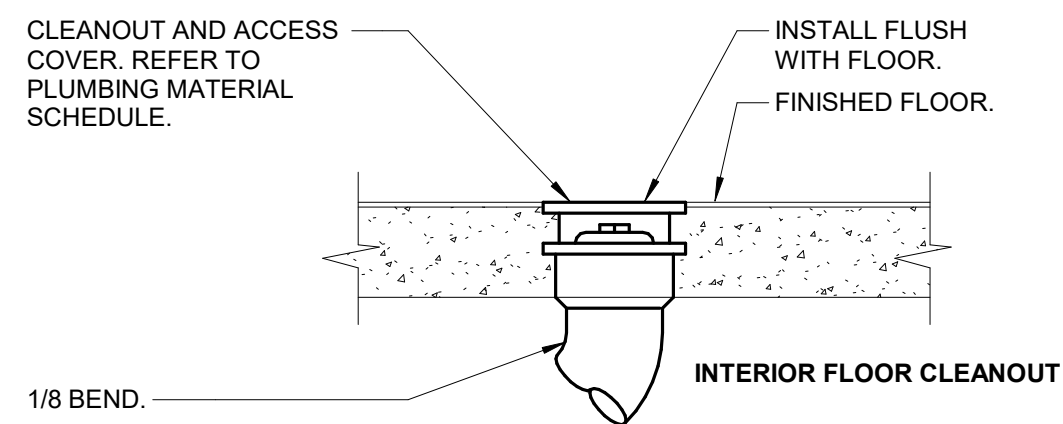
- NOTES:
1. VENT PIPE SHALL BE A MINIMUM OF 4\"/>
 2. EXTEND VENT PIPE AT LEAST 7 FEET ABOVE ROOF LEVEL WHEN ROOF AREA IS INTENDED TO BE USED BY THE GENERAL PUBLIC. THIS INCLUDES PROMENADES, OBSERVATION DECKS, ETC. THIS IS NOT REQUIRED FOR ROOFS THAT ARE ACCESSIBLE BY MAINTENANCE PERSONNEL ONLY.

2 VENT PIPE FLASHING

NO SCALE
M_PEN.0.22



- NOTE:
1. CLEANOUTS SHALL BE PROVIDED PER SPECIFICATION SECTION 22 10 30 AND THE APPLICABLE CODE.
 2. SPECIFICATION 22 10 30 SHALL BE FOLLOWED WHEN IT EXCEEDS THE CODE MINIMUM REQUIREMENTS.
 3. HUB AND SPIGOT PIPE JOINT SYSTEM IS SHOWN AS AN EXAMPLE. REFER TO SECTION 22 10 00 FOR PIPE JOINING METHOD SPECIFIC TO PROJECT AND SYSTEM.



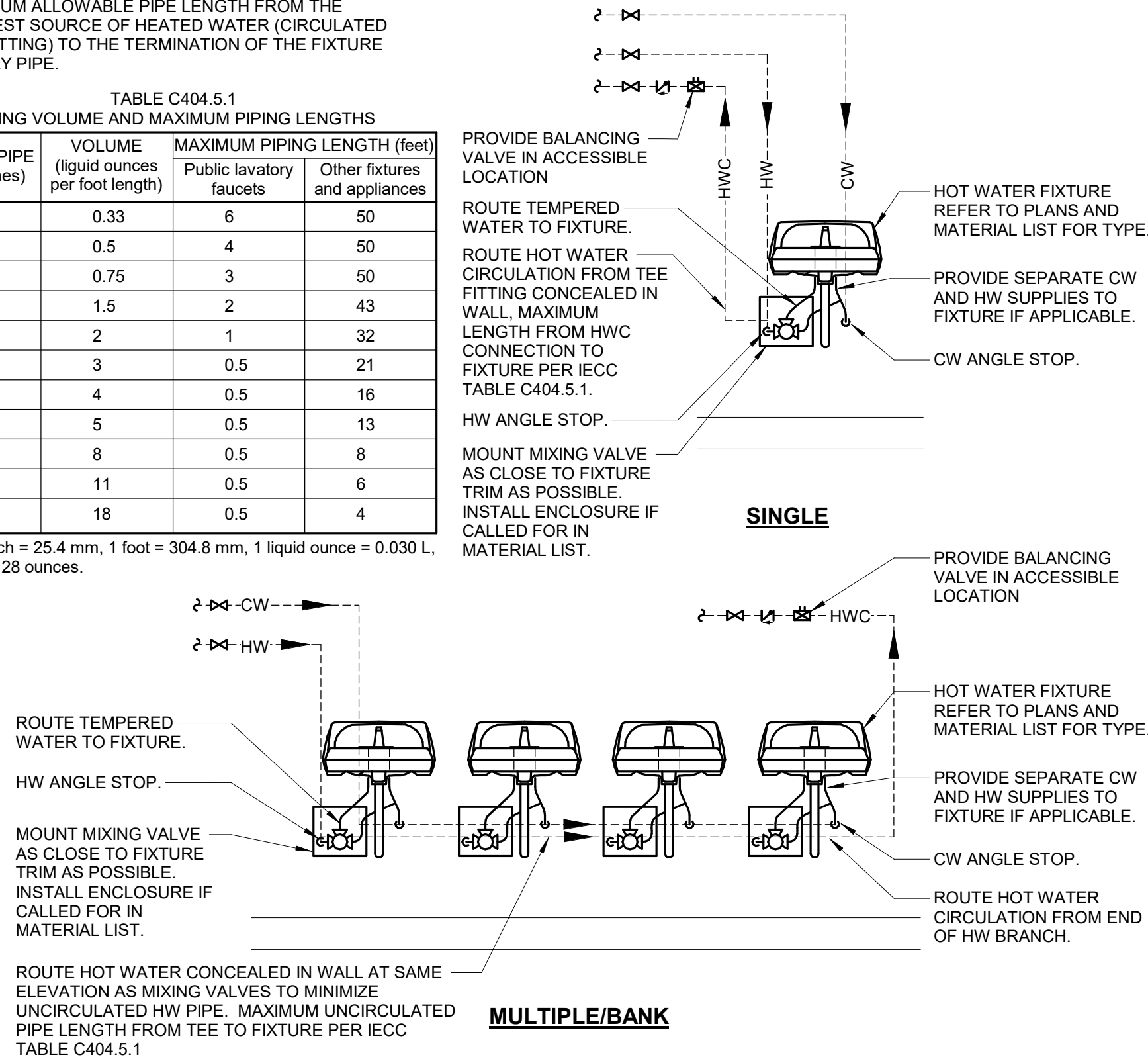
3 WALL CLEAN OUT DETAIL

NO SCALE
M_CO.0.01

INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
MAXIMUM ALLOWABLE PIPE LENGTH FROM THE
NEAREST SOURCE OF HEATED WATER (CIRCULATED
TEE FITTING) TO THE TERMINATION OF THE FIXTURE
SUPPLY PIPE.

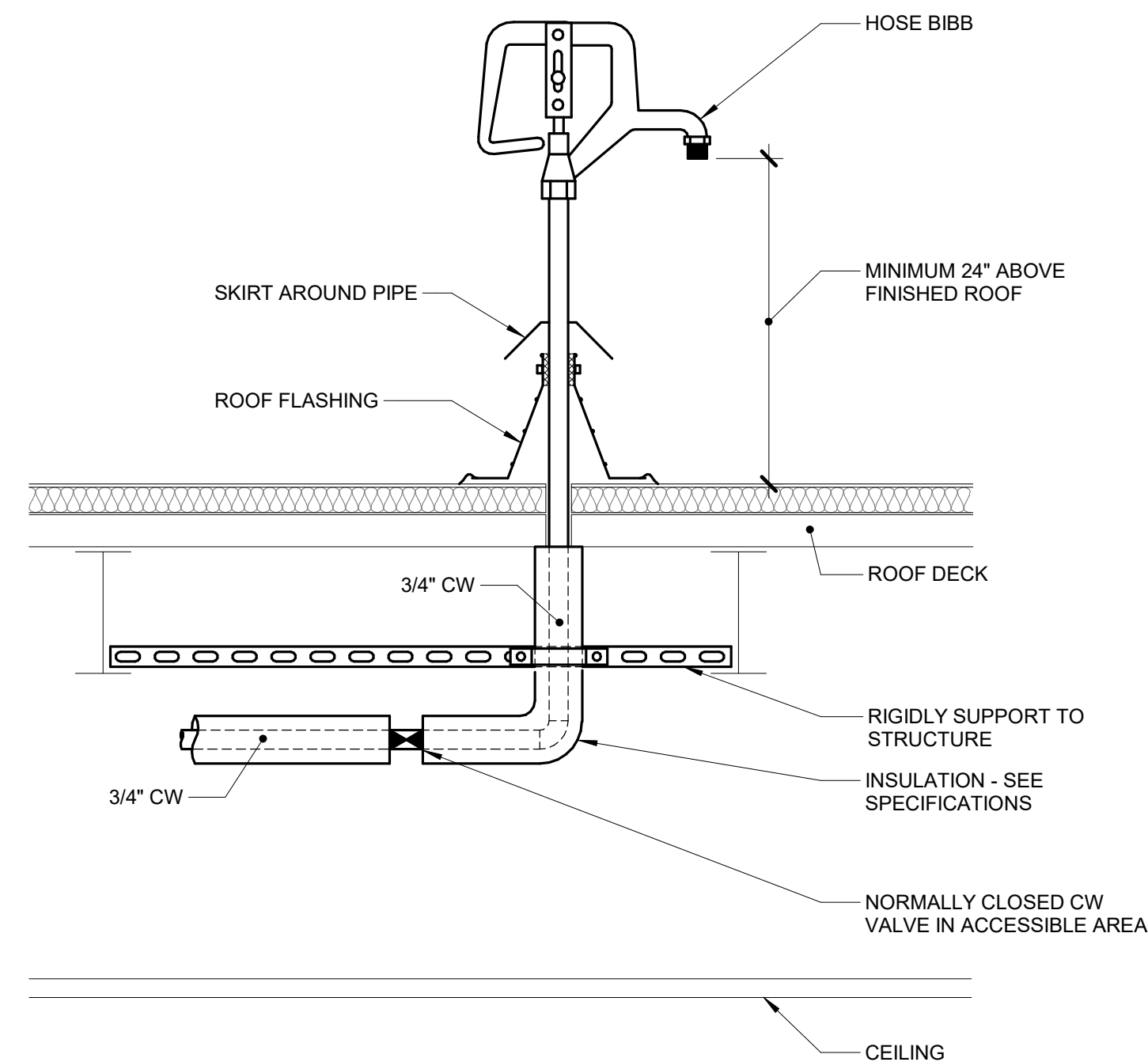
TABLE C404.5.1 PIPING VOLUME AND MAXIMUM PIPING LENGTHS			
NOMINAL PIPE SIZE (inches)	VOLUME (liquid ounces per foot length)	Public lavatory faucets	Other fixtures and appliances
1/4	0.33	6	50
5/16	0.5	4	50
3/8	0.75	3	50
1/2	1.5	2	43
5/8	2	1	32
3/4	3	0.5	21
7/8	4	0.5	16
1	5	0.5	13
1 1/4	8	0.5	8
1 1/2	11	0.5	6
2 or larger	18	0.5	4

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 liquid ounce = 0.030 L, 1 gallon = 128 ounces.



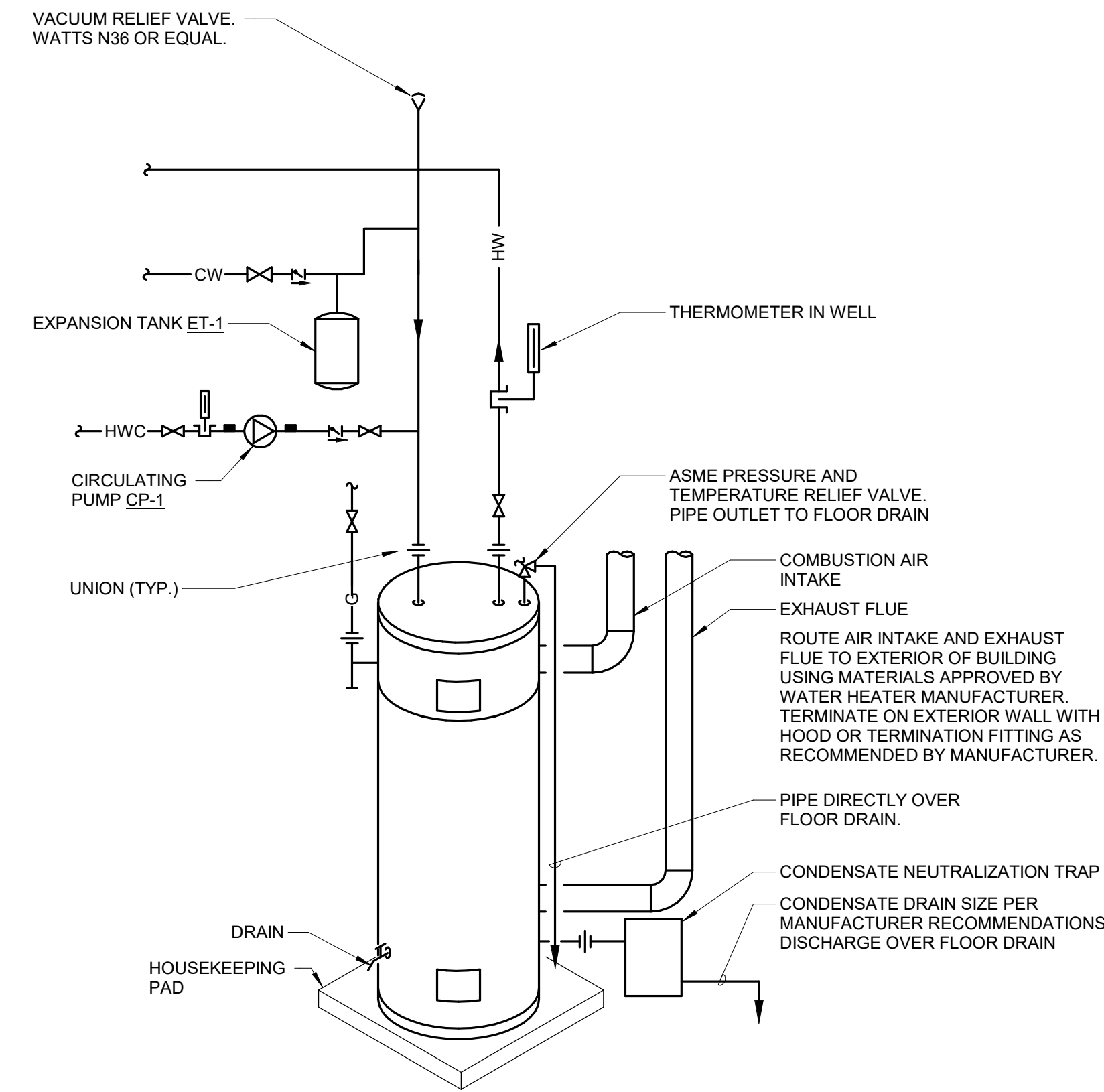
4 LAVATORY MIXING VALVE

NO SCALE
M_MV.0.01



5 ROOF HOSE BIBB

NO SCALE
M_HB.0.01



6 WATER HEATER - GAS TANK

NO SCALE
M_WH.0.07