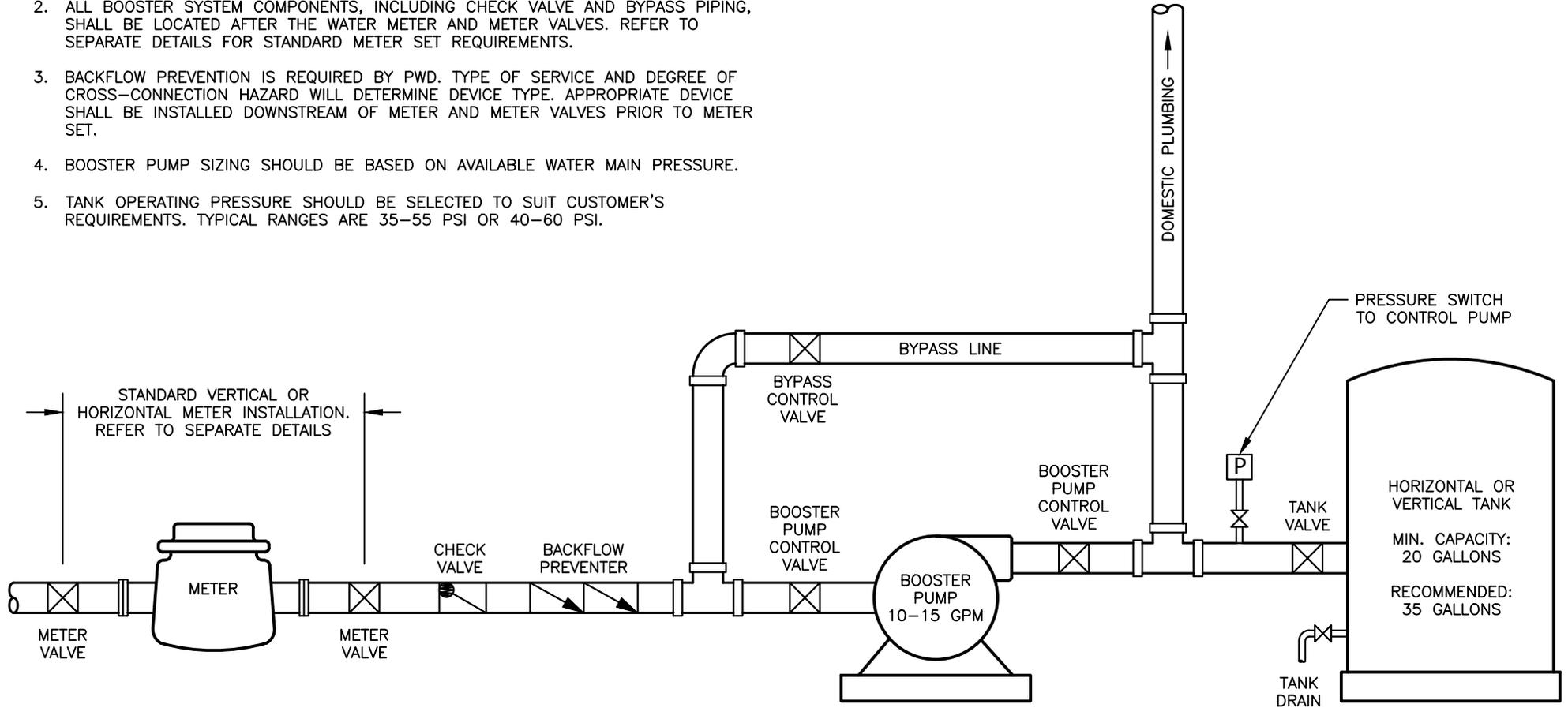


NOTES

1. ALL MATERIALS NECESSARY TO INSTALL BOOSTER SYSTEM, INCLUDING PUMP, TANK, VALVES, BACKFLOW PREVENTER, AND PIPING SHALL BE SUPPLIED AND INSTALLED BY THE CUSTOMER.
2. ALL BOOSTER SYSTEM COMPONENTS, INCLUDING CHECK VALVE AND BYPASS PIPING, SHALL BE LOCATED AFTER THE WATER METER AND METER VALVES. REFER TO SEPARATE DETAILS FOR STANDARD METER SET REQUIREMENTS.
3. BACKFLOW PREVENTION IS REQUIRED BY PWD. TYPE OF SERVICE AND DEGREE OF CROSS-CONNECTION HAZARD WILL DETERMINE DEVICE TYPE. APPROPRIATE DEVICE SHALL BE INSTALLED DOWNSTREAM OF METER AND METER VALVES PRIOR TO METER SET.
4. BOOSTER PUMP SIZING SHOULD BE BASED ON AVAILABLE WATER MAIN PRESSURE.
5. TANK OPERATING PRESSURE SHOULD BE SELECTED TO SUIT CUSTOMER'S REQUIREMENTS. TYPICAL RANGES ARE 35-55 PSI OR 40-60 PSI.



NOTE: ALL PIPING SHALL HAVE A MINIMUM OF 6" CLEARANCE FROM ANY WALL OR FLOOR



Portland Water District

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DATE	REVISION	SCALE: NTS	TYPICAL RESIDENTIAL WATER PRESSURE BOOSTER SYSTEM	
		DATE: 11/01/18		
		DRAWN BY: TAW/KAW	STANDARD WATER DETAILS	
		CHECKED BY: RAB		
		APPROVED BY: GSJ	PROJECT NO: NA	SHEET: 1 OF 1
		FILE: WS06.DWG		