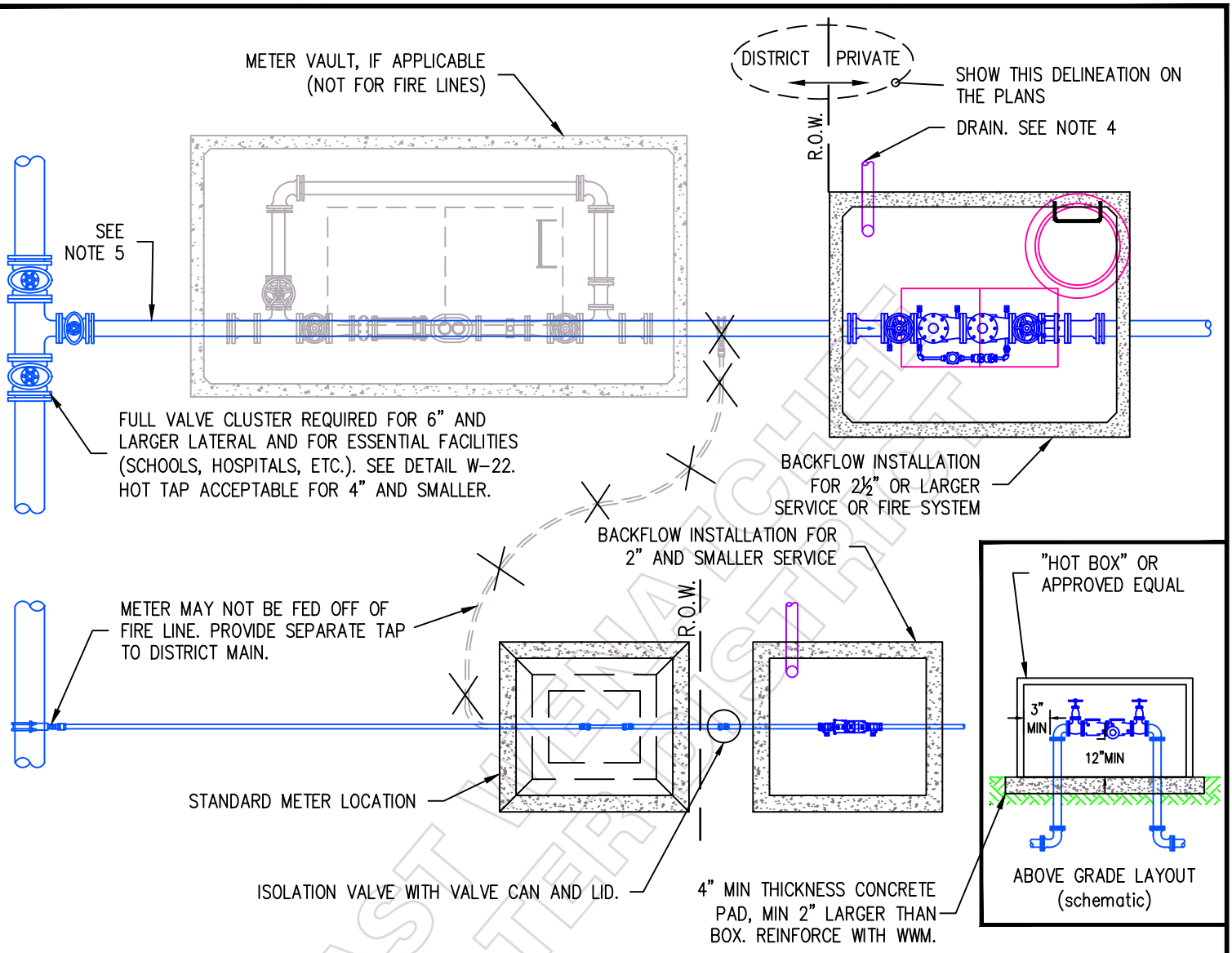

1. THIS DETAIL IS A GENERAL REFERENCE FOR COMMON CROSS CONNECTION CONTROL STANDARDS. EACH PROJECT WILL BE REVIEWED BY THE DISTRICT ON A CASE-BY-CASE BASIS AND MAY REQUIRE ADDITIONAL ACTIONS.

2. FOLLOW THE REQUIREMENTS OF WAC 246-290-490 AND THE PNWS-AWWA CROSS CONNECTION CONTROL MANUAL.

3. HEATED ABOVE-GRADE ENCLOSURES ARE REQUIRED FOR RPBA ASSEMBLIES UNLESS AN ALTERNATIVE DESIGN IS APPROVED BY THE DISTRICT. "HOT-BOX" OR APPROVED EQUAL.

4. IF A BURIED VAULT IS USED, A DRAIN MUST BE PROVIDED.
   - 4.1. FOR A NON-RPBA, THE DRAIN MAY GO TO DAYLIGHT OR A SUMP.
   - 4.2. FOR AN RPBA DEVICE, THE DRAIN MUST BE BORESIGHTED TO DAYLIGHT AND SIZED TO PASS THE DUMP-VALVE FLOW AS STATED BY THE MANUFACTURER'S DATA. MAXIMUM LENGTH OF DRAIN IS 20 FEET (Chapter 6 of the PNW-AWWA CCC Manual).
   - 4.3. DAYLIGHT DRAIN OUTLET MUST INCLUDE AIR GAP OF AT LEAST 2x DRAIN DIAMETER.

5. LATERAL PIPE BETWEEN MAIN AND VAULT TYPICALLY SIZED TO NOT EXCEED 8.0 fps VELOCITY AT THE RATED FLOW. THE DISTRICT MAY ALLOW UP TO 10.0 fps IF LATERAL PIPE IS CLASS 52 DUCTILE IRON. THE CUSTOMER IS RESPONSIBLE FOR DETERMINING THE MINIMUM SIZING FOR PIPE, VALVES, AND FITTINGS TO MEET THEIR PERFORMANCE REQUIREMENTS.

6. BACKFLOW DEVICE SHALL INCLUDE DETECTOR ASSEMBLY IF MAINLINE IS NOT OTHERWISE METERED.

7. IN-PREMISE BACKFLOW PREVENTION IS THE JURISDICTION OF THE CITY OR COUNTY BUILDING DEPARTMENT AND DETERMINATION OF ANY ADDITIONAL BACKFLOW PREVENTION SHALL BE MADE BY THAT AGENCY. RCW 19.27.

8. DETERMINATION OF THE NEED FOR AN RPBA SHALL REST SOLELY WITH THE DISTRICT. RPBA=REDUCED PRESSURE PRINCIPAL BACKFLOW ASSEMBLY.

East Wenatchee Water District		WATER SYSTEM STANDARD DETAIL
		BACKFLOW ASSEMBLY INSTALLATION
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