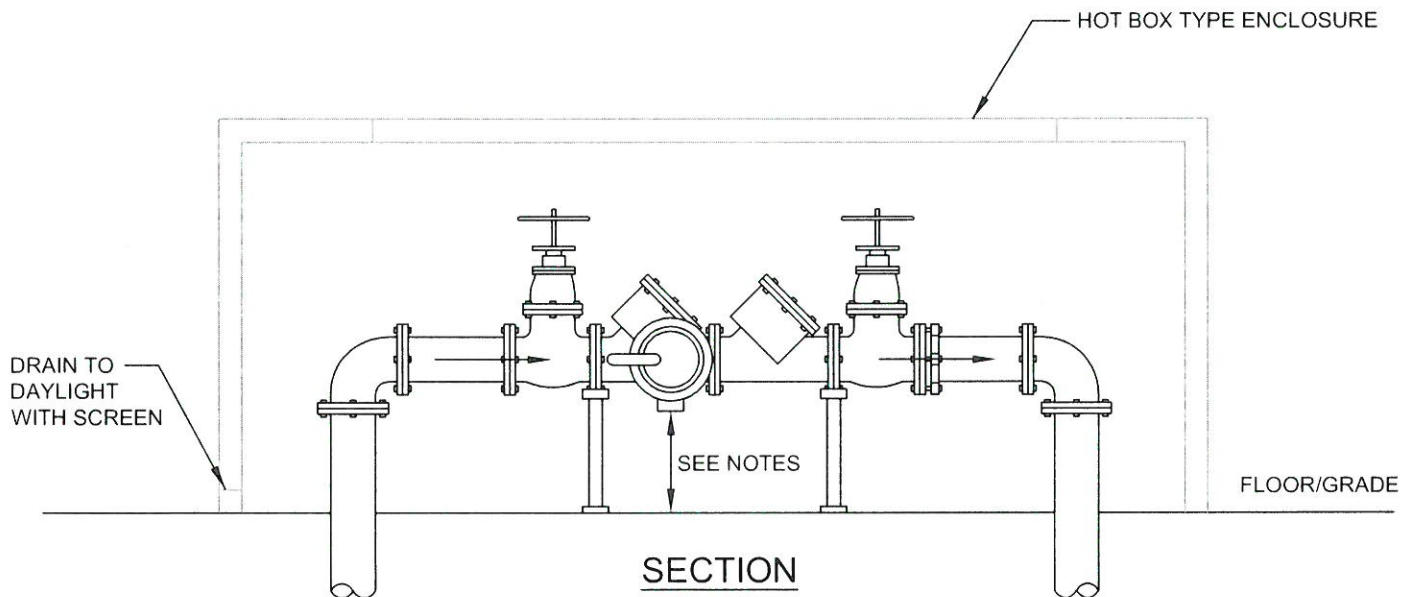


PLAN

NOTES:

- WASHINGTON STATE APPROVED REDUCED PRESSURE BACKFLOW ASSEMBLIES (RPBA) MUST BE PURCHASED AND INSTALLED AS A UNIT. MODIFICATIONS TO THE UNIT ARE NOT ALLOWED.
- THE RPBA SHALL BE INSTALLED ABOVE GRADE AND LOCATED IN AN AREA THAT IS NOT SUBJECT TO FLOODING.
- THE RPBA SHALL BE LOCATED 3 TO 6 FEET DOWNSTREAM OF THE WATER METER OR OTHER SUITABLE LOCATION APPROVED BY THE DISTRICT AND PROTECTED FROM WEATHER OR VANDALISM UTILIZING A "HOT BOX" TYPE OF ENCLOSURE. WHEN A DOWNSTREAM LOCATION OF THE METER IS NOT POSSIBLE, AN RPBA MAY BE LOCATED INDOORS, SUBJECT TO DISTRICT APPROVAL.
- CONNECTIONS BETWEEN THE METER AND RPBA ARE NOT ALLOWED. IF A CONNECTION IS INSTALLED, IT MUST BE PROTECTED BASED UPON THE HAZARD LEVEL.
- THE RPBA MUST BE PROTECTED FROM FREEZING, ACCESSIBLE FOR MAINTENANCE AND TESTING, HAVE A MINIMUM CLEARANCE OF 12" FROM THE FLOOR TO THE BOTTOM OF THE ASSEMBLY AND NOT EXCEED 5' FROM THE FLOOR TO THE CENTER OF THE ASSEMBLY.
- FOR ASSEMBLIES 2-1/2" AND LARGER, THE FLANGES OF THE ASSEMBLY MUST BE SUPPORTED WITH ADJUSTABLE SUPPORT JACKS AND BOLTED TO THE FLOOR.
- MINIMUM SIDE CLEARANCE FOR 2" AND SMALLER IS 6", 2-1/2" AND LARGER ASSEMBLIES REQUIRE 12" CLEARANCE.
- RPBA'S MUST HAVE ADEQUATE DRAINAGE TO ALLOW WATER TO FLOW AWAY FROM THE ASSEMBLY.
- INTERIOR INSTALLATIONS MUST CONFORM TO THE UNIFORM PLUMBING CODE REQUIREMENTS.
- RPBA'S SHALL BE OWNED & MAINTAINED BY THE PROPERTY OWNER.
- RPBA'S SHALL BE TESTED AFTER INSTALLATION AND THEN ANNUALLY BY A WADOH CERTIFIED BACKFLOW ASSEMBLY TESTER.
- RPBA INSTALLATIONS THAT DIFFER FROM THE STANDARD DETAIL MUST BE APPROVED BY THE DISTRICT'S CROSS CONNECTION SPECIALIST AND WILL BE REVIEWED ON A CASE-BY-CASE BASIS TO ENSURE THAT THE DISTRICT'S MINIMUM REQUIREMENTS ARE MET.



SECTION

REDUCED PRESSURE BACKFLOW ASSEMBLY

NTS

APPROVAL DATE 10/21/2020	DRAWN SED	CHECKED JS	<i>BSO 10/20/20</i>
PLOTTING SCALE NTS	DETAIL NUMBER HWD STANDARD DETAIL 20		

