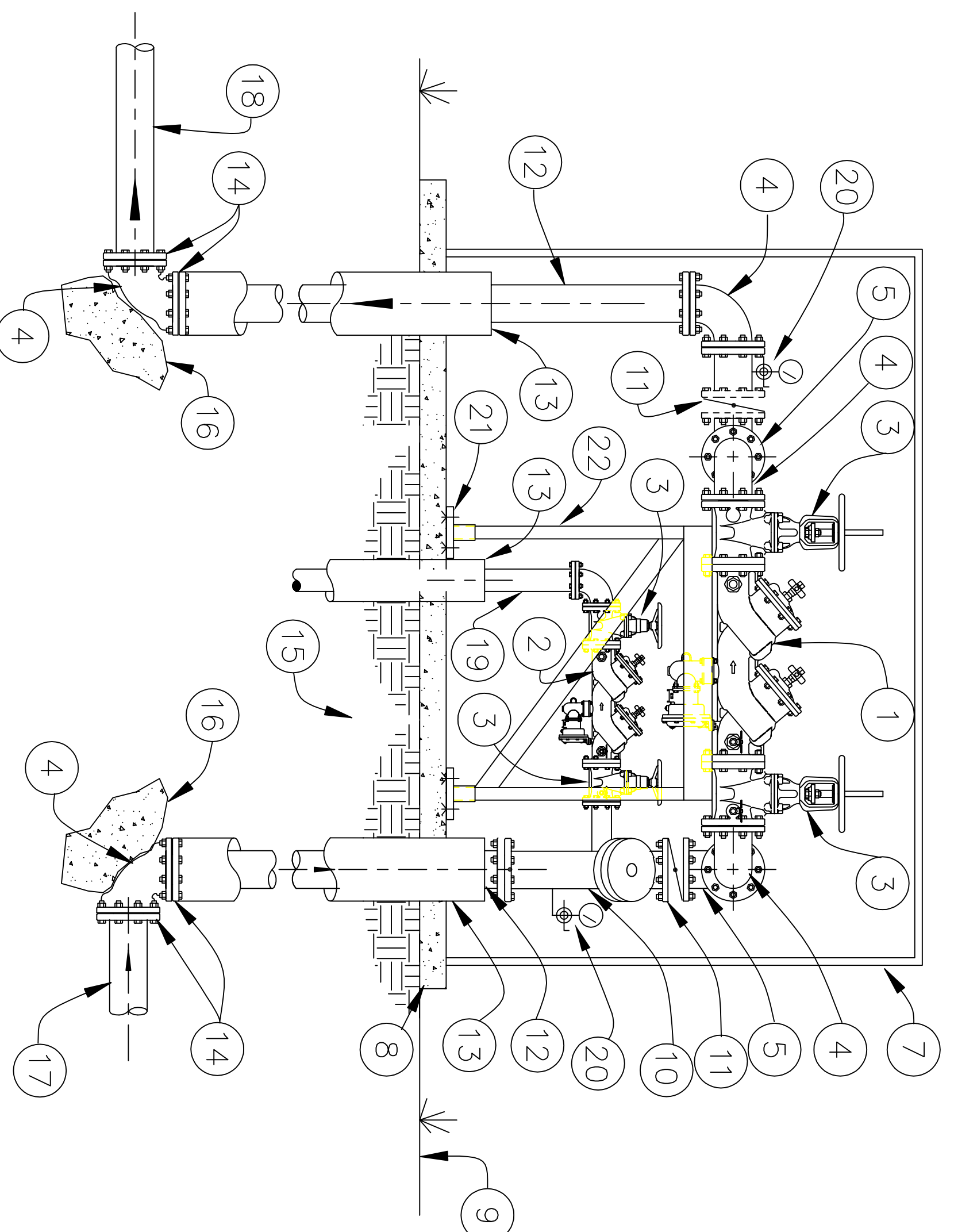


PLAN
NOT TO SCALE



ELEVATION
NOT TO SCALE

FLAG NOTES: ○

1. REDUCED PRESSURE BACKFLOW PREVENTER FOR DOMESTIC POTABLE WATER SERVICE. TEST CONNECTIONS TO BE ACCESSIBLE FROM EITHER SIDE.
2. REDUCED PRESSURE BACKFLOW PREVENTER FOR LAWN IRRIGATION. TEST CONNECTIONS TO BE ACCESSIBLE FROM EITHER SIDE. PROVIDE BLOW DOWN VALVE SIMILAR TO DRAWING P5.
3. GATE VALVE WITH SOFT SEATS FOR POTABLE WATER SERVICE BACKFLOW PREVENTER (BALL VALVES FOR IRRIGATION BACKFLOW PREVENTERS 2" AND SMALLER).
4. FLANGED JOINT ELBOW.
5. FLANGED TEE.
6. REDUCING FLANGE. (BRONZE FLANGE FOR STEEL TO COPPER.)
7. CUSTOM HOT BOX ENCLOSURE, ALUMINUM WITH ENCLOSURE SIZED FOR THREE (3) BACKFLOW PREVENTERS (ONE FOR IRRIGATION & 2 FOR DOMESTIC WATER) MOUNT TO CONCRETE PAD WITH TAMPER PROOF FASTENERS. PROVIDE REDUNDANT 3-1500 WATT 120V HEATERS (ONE FOR STAND BY) WITH HEAT MONITOR AND LOW TEMPERATURE ALARM WIRE TO DPS SECURITY SYSTEM.

12

- GENERAL NOTES:
1. OWNER APPROVAL REQUIRED FOR USE OF THIS INSTALLATION.
 2. PROVIDE SUPPORT FOR BFP'S SIMILAR TO DRAWING P6.

8. 6" THICK CONCRETE PAD SIZED FOR "HOT BOX" ENCLOSURE, REINFORCED WITH #4 BARS, 6" ON CENTERS EACH WAY.
9. FINISHED GRADE.
10. FLANGED WYE STRAINER WITH PLUG.
11. WAFER CHECK VALVE WITH SOFT SEAT AND COMPANION FLANGES. PROVIDE 4 PIPE DIA. OF STRAIGHT PIPE ON EACH SIDE OF CHECK VALVE.
12. DUCTILE PLAIN END x FLANGED PIPE, LENGTH TO BE FIELD DETERMINED.
13. PVC PIPE SLEEVE TO BELOW FROST LINE. SLEEVE TO EXTEND 6" ABOVE SLAB & REMAIN OPEN ON TOP. SEAL AROUND EXTERIOR OF SLEEVE WITH SILICONE SEALANT.
14. "MEGALUG" JOINT RESTRAINT OR EQUAL.
15. BACK FILL SHALL BE COMPACTED IN 8" LIFTS TO 95% PROCTOR DENSITY TO FINISHED GRADE.
16. CONCRETE THRUST BLOCK, SEE DETAILS ON DRAWING P11.
17. DOMESTIC POTABLE WATER FROM WATER METER.
18. DOMESTIC POTABLE WATER TO BUILDING.
19. DOMESTIC NONPOTABLE WATER TO LAWN IRRIGATION.
20. PRESSURE GAUGE.
21. B-LINE POST BASE, B280SQ, 6" X 6" (TYP.).
22. B-LINE UNISTRUT SYSTEM, VERTICAL SUPPORTS-B22 MINIMUM. HORIZONTAL SUPPORTS-B11 MINIMUM. USE APPROPRIATE CORNER SUPPORT FITTINGS AND ANGLE BRACING. SECURE BFP'S TO UNISTRUT (TYP.).

DRAWN: DPS		DENVER PUBLIC SCHOOLS DEPARTMENT OF FACILITIES MANAGEMENT BACKFLOW PREVENTER STANDARDS EXTERIOR INSTALLATION REDUCED PRESSURE BFP FOR DOMESTIC & IRRIGATION WATER DETAIL
CHECKED: DPS		
APPROVED: DPS		
DATE: rev 9-23-05		
SCALE: NONE		
DWG. NO.	REV.	SHEET:
15431-P08	0	8 OF: 12