

PIPE SIZE	VAULT SIZES			
	CATALOG #	VAULT #	COVER #	BASE #
4"	676-WA	676-1-WA	676-1-T-332P	676-1-B
6", 8", & 10"	687-WA	687-WA	687-T-2-332P	687-2-BL

GENERAL NOTES:

1. THE ABOVE VAULT SIZES WERE SUPPLIED BY OLD CASTLE PRECAST AS A REFERENCE FOR REQUIRED VAULT DIMENSIONS. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.
2. ALL ACCESS HATCHES MUST BE LOCKING, SPRING ASSISTED, & TRAFFIC BEARING. AS REQUIRED BY DIST (SEE DWG. 26C). SINGLE HATCH MAY BE USED, SUBJECT TO APPROVAL BY DISTRICT.
3. CLASS 52 D.I. PIPE IS REQUIRED.
4. ALTERNATE METHODS OF RESTRAINT SHALL BE APPROVED BY THE DISTRICT.
5. ALL SEAMS IN VAULT MUST BE GROUTED INSIDE AND OUT. GROUT SHALL BE SAND AND PORTLAND CEMENT ONLY.

MATERIAL LIST

- ① HATCH ————— ALUMINUM OR GALVANIZED STEEL DIAMOND PLATE COVER. SEE #2 ABOVE
- ② LADDER RUNGS ——— FABRICATED ALUMINUM LADDER SECURED AT TOP AND BOTTOM.
- ③ CONCRETE VAULT ——— SUBMIT DETAILS FOR APPROVAL (SEE TABLE ABOVE).
- ④ DETECTOR ————— DOUBLE DETECTOR CHECK VALVE ASSEMBLY MUST BE APPROVED FOR INSTALLATION IN WASHINGTON STATE. TYPE SHALL BE APPROVED BY THE DISTRICT.
- ⑤ VALVE ————— TWO EACH, AWWA, FLANGED OS & Y GATE VALVES WITH HANDWHEELS. MUST BE LOCATED INSIDE OF VAULT.
- ⑥ COUPLING ADAPTOR— TWO EACH, CAST IRON, (FLG. x MECH. JOINT). MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGALUG OR APPROVED EQUAL.
- ⑦ FLOOR DRAIN ——— 4" PVC, SLOPED TO STORM SEWER OR DAYLIGHT TO DRAINAGE DITCH.
ALTERNATE: WATERPROOF VAULT W/ XYPEX. ALTERNATE MUST BE APPROVED BY THE DISTRICT AND WILL BE ALLOWED ONLY IF DAYLIGHT DRAIN IS EXTENDED OVER 300 FEET.
ALTERNATE: SUMP PUMP. ALTERNATE MUST BE APPROVED BY THE DISTRICT.
- ⑧ WATER METER ——— 5/8" x 3/4" TO BE INSTALLED BY THE DISTRICT.
- ⑨ PIPE STAND ——— 1" SCHEDULE 40 GALVANIZED PIPE STAND & BASE BOLTED TO FLANGE.
- ⑩ TEE ————— 3/4" BRASS WITH 3/4" PLUG.
- ⑪ GATE VALVE ——— TWO EA. BRASS SERVICE VALVES FOR BY-PASS, FORD B11-333-NL.
- ⑫ WATER MAIN ——— CLASS 52 DUCTILE IRON PIPE WITH MECHANICAL JOINTS. MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGALUG OR APPROVED EQUAL.
- ⑬ WALL FLANGE ——— TWO EACH
- ⑭ PIPE SUPPORT ——— TWO TOTAL. CONCRETE BLOCK OR ADJUSTABLE PIPE SUPPORT (GRINNEL #264 OR APPROVED EQUAL).

* SEE SHEET 1 FOR ADDITIONAL DETAILS

SHEET 2 OF 2



DOUBLE CHECK DETECTOR MAT'L LIST AND GENERAL NOTES

REVISION DATE NOVEMBER 1, 2022	SCALE NTS	DISTRICT APPROVAL <i>Gregory G. Hill, P.E.</i>	DATE APPROVED APRIL 27, 2023
FILE NAME W-25B.DWG			DWG. NO. W-25B