

PIPE SIZE	VAULT SIZES			
	CATALOG #	VAULT #	COVER #	BASE #
8"	687-WA	687-WA	687-T-2-332P	687-2-BL

**GENERAL NOTES:**

1. THE ABOVE VAULT SIZE WAS 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 PIPE ————— 8" CLASS 52 DUCTILE IRON PIPE WITH MECHANICAL JOINTS. MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGALUG OR APPROVED EQUAL.
- ② COUPLING ADAPTOR— FOUR EACH, CAST IRON, (FLG. x MECH. JOINT). MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGALUG OR APPROVED EQUAL.
- ③ TEE ————— TWO EACH, 8" TEE (FLG X MECH. JOINT) WITH MEGALUGS AND THRUST BLOCKS
- ④ GATE VALVE ————— TWO EACH, AWWWA, FLG X MECH JOINT 8" GATE VALVES LOCATED OUTSIDE THE VAULT
- ⑤ FLEX COUPLING ————— ONE EACH, W/ RESTRAINED JOINTS
- ⑥ CHECK VALVE ————— ONE EACH, (FLG. x FLG). 8" VALMATIC WAFER CHECK VALVE. NO SUBSTITUTIONS ALLOWED.
- ⑦ PIPE ————— 4" CLASS 52 DUCTILE IRON PIPE WITH MECHANICAL JOINTS. MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGALUG OR APPROVED EQUAL.
- ⑧ BEND ————— 4" 90-DEGREE BEND (MECH JOINT X MECH JOINT) W/ MEGALUGS.
- ⑨ GATE VALVE ————— TWO EACH, (FLG X MECHANICAL JOINT). MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGALUG OR APPROVED EQUAL.
- ⑩ TEE ————— ONE EACH, (FLG X MECHANICAL JOINT) WITH THRUST BLOCK. MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGALUG OR APPROVED EQUAL.
- ⑪ BLOW OFF ————— 4" BLOW OFF ASSEMBLY PER STANDARD DETAIL W10A AND W11A
- ⑫ CORP STOP ————— FB500-4-NL 1" MIP X MIP BALLCORP CORP STOP. NO-LEAD FORD
- ⑬ NIPPLE ————— 3/4" BRASS NIPPLE
- ⑭ TEE ————— 3/4" THREADED BRASS TEE WITH PLUG
- ⑮ UNION ————— 3/4" THREADED UNION
- ⑯ FLOW CONTROL VALVE- 3/4" DELTROL EF35B FLOW CONTROL VALVE. NO SUBSTITUTIONS ALLOWED.
- ⑰ STRUCTURE ————— VAULT PER GENERAL NOTES ABOVE.
- ⑱ PIPE SUPPORT ————— ADJUSTABLE PIPE SADDLE SUPPORT (GRINNELL #264 OR EQUIV)
- ⑲ 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.
- ⑳ LADDER ————— FABRICATED ALUMINUM LADDER SECURED AT TOP AND BOTTOM.
- ㉑ SERVICE SADDLE ————— ROMAC 101-S STAINLESS STEEL STRAP SADDLE (IPT)

\* SEE SHEET 1 FOR ADDITIONAL DETAILS

SHEET 2 OF 4



## PRESSURE ZONE CHECK VALVE MAT'L LIST AND GENERAL NOTES

REVISION DATE APRIL 4, 2023	SCALE NTS	DISTRICT APPROVAL <i>Gregory G. Hill, P.E.</i>	DATE APPROVED APRIL 27, 2023
FILE NAME W-36B.DWG			DWG. NO.   W-36B