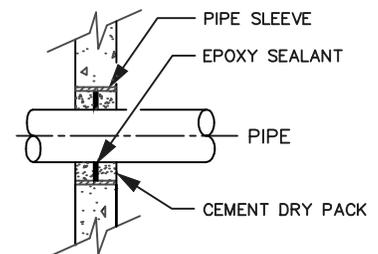


**GENERAL NOTES:**

1. THE 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 MUST BE LOCKING, SPRING ASSISTED, & TRAFFIC BEARING AS REQUIRED BY DISTRICT (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 — OLD CASTLE PRECAST VAULT #575-BL, COVER #57TL-2-332P. SUBMIT DETAILS FOR APPROVAL.
- ④ METER ————— TURBO WATER METER FLG. x FLG. SUPPLIED BY DISTRICT.
- ⑤ MAIN VALVE ——— TWO EACH, AWWA, FLG. x FLG. GATE VALVES W/ HANDWHEEL. MUST BE LOCATED INSIDE VAULT.
- ⑥ COUPLING ADAPTOR—ONE 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 SPOOL ————— 10" LONG D.I. PIPE FLANGE-END x FLANGE
- ⑨ SPOOL ————— 18" LONG D.I. PIPE FLANGE x FLANGE
- ⑩ WATER MAIN ——— CLASS 52 DUCTILE IRON PIPE WITH MECHANICAL JOINTS. MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGALUG OR APPROVED EQUAL.
- ⑪ WALL FLANGE ——— TWO EACH
- ⑫ FLEX COUPLING ——— TWO EACH W/ RESTRAINED JOINTS
- ⑬ PIPE SUPPORT ——— TWO TOTAL. CONCRETE BLOCK OR ADJUSTABLE PIPE SUPPORT (GRINNELL #264 OR APPROVED EQUAL).



**PIPE SLEEVE DETAIL**

\* SEE SHEET 1 FOR ADDITIONAL DETAILS

SHEET 2 OF 2



**3" TURBO METER  
MAT'L LIST & 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-27B.DWG	DWG. NO.		W-27B