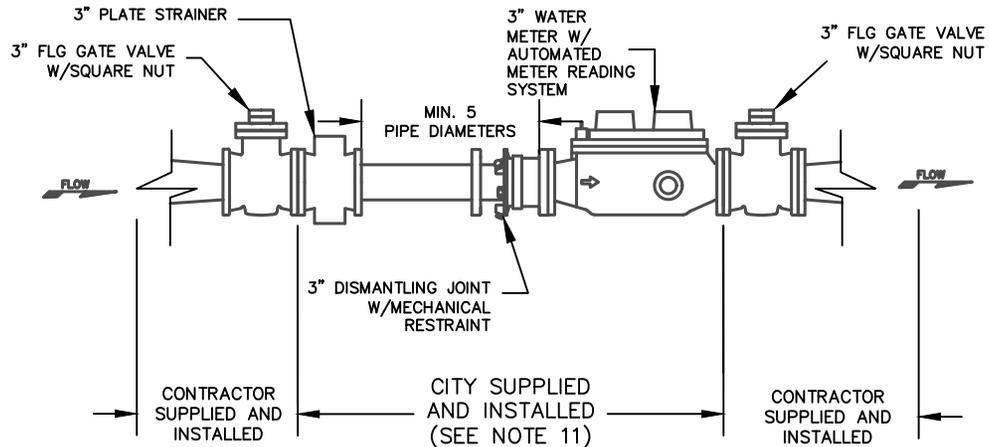


**SPECIFICATIONS**

METER SIZE	3" METER
INCOMING LINE SIZE	3" OR 4"
BY-PASS LINE SIZE	2" (INTERNAL)
OLDCASTLE VAULT NO. (OR APPROVED EQUAL)	687-WA (53" REDUCED INTERIOR DEPTH)
DOOR NO. (OR APPROVED EQUAL) W/ LIFT ASSIST SEE NOTE 10 & 12	BILCO: JD-3AL EJ: H48721701
METER SPEC. SEE NOTE 11	BADGER RECORDALL METER WITH ADE (ABSOLUTE DIGITAL ENCODER 5' CABLE/ ITRON IN LINE CONNECTOR/METER TO REGISTER IN BALLOONS)
STRAINER SEE NOTE 11	BADGER 3" PLATE STRAINER



**NOTES:**

- TOP OF VAULT SHALL BE A MINIMUM OF 3 INCHES TO 5 INCHES ABOVE FINISH GRADE.
- CONCRETE BALLAST (3 CUBIC YARDS MINIMUM) IS A MINIMUM FIGURE ONLY – ENGINEER IS RESPONSIBLE TO ENSURE THAT ADEQUATE BALLAST IS PROVIDED TO PREVENT FLOATING OF VAULT.
- INSTALL 4" DRAIN FROM BOTTOM OF VAULT FLOOR TO DAYLIGHT, TO AN APPROVED STORM SEWER SYSTEM OR INSTALL SUMP PUMP AND ASSOCIATED PIPING PER STD. DRG. NO. 417
- ALL VAULT WALL OPENINGS SHALL BE CORE DRILLED AND SEALED WITH NON-SHRINK GROUT.
- SERVICE LINES SHALL BE MECHANICALLY RESTRAINED FROM MAINLINE THROUGH VAULT TO BACKFLOW ASSEMBLY.
- ALL PIPING AND FITTINGS THROUGH VAULT SHALL BE LEVEL, 18" MINIMUM AND 42" MAXIMUM ABOVE THE FLOOR OF VAULT.
- BURIED PIPING SHALL BE BACKFILLED PER CITY'S T-CUT ASPHALT REPAIR OVER TRENCH DETAIL.
- VAULT SHALL BE EQUIPPED WITH OSHA-APPROVED ALUMINUM EXTENSION LADDER. SEE STD DRG NO. 416.
- SEE STD. DRG. NO. 419 ELEVATION VIEW AND STD. DRG. NO. 420 PLAN VIEW FOR ADDITIONAL REQUIREMENTS.
- HATCH DOOR DRAIN CHANNEL SHALL BE PLUMBED TO AN APPROVED STORM SEWER OR TO THE VAULT SUMP WHEN INSTALLED FLUSH WITH FINISHED GRADE.
- AFTER THE CONTRACTOR HAS COMPLETED INSTALLATION OF THE PIPING INSIDE THE WATER METER VAULT, TO INCLUDE THE 3" DIAMETER SPOOL PIECE PROVIDED BY THE CITY, CITY CREWS WILL COMPLETE INSTALLATION OF WATER METER. CITY CREWS WILL SUPPLY AND INSTALL THE WATER METER, PLATE STRAINER, DISMANTLING JOINT, AND SPOOL PIECE BETWEEN THE TWO 3" GATE VALVES. DEVELOPER/CONTRACTOR ARE REQUIRED TO PAY FOR MATERIALS AND LABOR ASSOCIATED WITH WORK PERFORMED BY CITY CREWS TO INSTALL THE ABOVE ITEMS.
- DEVELOPER/CONTRACTOR TO PROVIDE VAULT DOOR SUBMITTAL TO CITY FOR REVIEW AND APPROVAL BEFORE PLACING ORDER FOR DOOR.



**3" WATER METER VAULT  
(DETAIL NOTES)**

ENGINEERING  
DEPARTMENT  
1924 COUNCIL STREET  
P.O. BOX 326  
FOREST GROVE, OR 97116

DRAWING NO.  
417

SCALE  
NONE

\\w2k1eng\Eng Dept\STANDARD DETAILS\400s WATER\3 INCH WATER METER VAULT (DETAIL NOTES).dwg

LAST REV. 8/15/22