ADJUSTABLE TORSION SPRING ASSISTED COVER ALUMINUM ANGLE TYPE FRAME AND COVER. H2O WHEEL LOAD RATING FOR INCIDENTAL TRAFFIC CONDITIONS.

1-1/2" RIGID FOAM INSULATION ON LID BOTTOM

USC APPROVED DOUBLE CHECK DETECTOR ASSEMBLY

GATE VALVE (TYP)

Mega-Flange Restained Flange Adapter

PVC PIPE

TRANSITION/FLEX COUPLING INSTALLED ON BOTH SIDES OF METER VAULT

FLOW

6" MIN. VARES 6" MIN.

VAULT TO INCLUDE SUMP DRAIN

6" TYPE II BASE COMPACTED TO 90% MDD

8 CU. FT. CLASS C DRAIN ROCK

PIPE SUPPORTS

5/8"x3" SELF TAP ANCHOR BOLTS L6x6x1/2" @ 30"L. (2 REQD. ONE ON EACH SIDE OF PIPE.) BOLTED TO VAULT WALL W/(2) 5/8"x3" SELF TAPPING ANCHOR BOLTS.

LINKSEAL MODULAR SEAL. PIPE PENETRATION SHALL BE SMOOTH AND APPROPRIATELY SIZED TO ACCEPT LINK SEAL.

NOTES:
1. PROVIDE LADDER WITH KNUREALED (NON SKID) RUNGS. PROVIDE CLIPS BOLTED OR WELDED TO EDGE OF VAULT LID FOR LADDER SUPPORT. ALIGN MAIN LINE THROUGH VAULT SO THAT IT DOES NOT INTERFERE WITH LADDER.
2. MINIMUM 12" CLEARANCE BETWEEN DOUBLE CHECK ASSEMBLY AND PARALLEL WALL.
3. PAINT ALL EXPOSED DUCTILE IRON AND VALVES BLUE FOR WATER APPLICATIONS AND PURPLE FOR RECLAIMED WATER APPLICATIONS.

NO.  REVISI O Date  STANDA D DETAIL S FOR PUBLIC WORKS CONSTRUC TION  SECTIO N:  WA SHOE

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DOUBLE CHECK DETECTOR ASSEMBLY