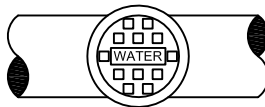


VALVE BOX COVER – EAST JORDAN
IRON WORKS



SEE STANDARD VALVE BOX COVER AND
VALVE STEM DETAIL

RECESSED HANDLE TYPE LID
WITH "WATER" CAST IN LID

VALVE BOXES SHALL BE EAST
JORDAN IRON WORKS (18")
OR OLYMPIC FOUNDRY
(VB-950 18")

LEAVE 36" LOOP OF
WIRE AT THE TOP

ASPHALT PATCH DEPTH .25' MIN.

FINISHED GRADE

EXISTING ASPHALT (VARIES)

8" MIN.
CONCRETE

SLOT FOR TRACER
WIRE CUT VERTICALLY
1' ABOVE HUB OR
6" BELOW BOTTOM
OF VALVE BOX

10" MIN. PIPE OVERLAP (TYP)

6" PVC RISER SEWER PIPE INSTALLED
PLUMB AND CENTERED OVER VALVE STEM.

24" MIN. TO 40" MAX.
TO TOP OF VALVE NUT

①
VALVE STEM RISER (LENGTH VARIES)
SEE STANDARD VALVE STEM EXT. LEGEND

② STEEL GUIDE PLATE

ETHAFOAM 12" DIA. (TYP)

TRENCH
DEPTH
VARIES

PIPE ZONE BEDDING

GENERAL NOTES:

GATE/BUTTERFLY VALVE

TRENCH BOTTOM BEDDING

1. ALL VALVES SHALL HAVE A U.S.E. 12 GAUGE BLUE COATED COPPER TRACER WIRE TIED OFF AT VALVE BODY. THE WIRE SHALL BE EXTENDED UP ON THE OUTSIDE RISER PIPE A FOOT ABOVE THE VALVE HUB BEFORE THE WIRE IS PUT INTO THE RISER THROUGH A SLOT CUT INTO THE RISER. LEAVE 36" OF WIRE ABOVE THE TOP OF VALVE BOX.
2. ALL WELDS TO THE SHAFT SHALL BE FILLET WELD, AROUND THE ENTIRE PLATE PER #2 BELOW,

VALVE STEM EXTENSION LEGEND

- ① VALVE OPERATING NUT OR 1-7/8" X 1-7/8" X 2" HIGH GRADE STEEL WELDED TO GUIDE PLATE.
- ② 3/16" THICK X 5 1/5" DIA STEEL GUIDE PLATE WELDED TO RISER SHAFT.
- ③ 2"X2"X 3/16" SQUARE STRUCTURAL STEEL TUBING TO FIT OPERATING NUT. LENGTH AS REQUIRED.

CITY OF TUMWATER, WASHINGTON
DEPT. OF PUBLIC WORKS

STANDARD VALVE BOX

APPROVED BY:

DWG. NO.

CITY ENGINEER

WA-12

DES.
PW

DWG. BY
PW

CK'D BY
KMC

DATE
JUNE 2014

NOT TO
SCALE