



POURED CONCRETE, 24" DIAMETER,  
4" THICK, CENTERED AT LID  
( NO CONCRETE IN LIFT POCKET  
OR ON VALVE BOX LID )

NO. 910 STYLE CAST  
IRON VALVE BOX WITH  
"WATER" CAST IN LID.

**OUTSIDE PAVED AREA**

**SECTION**

ASPHALT

FINISHED GRADE

TRACER WIRE  
(P.V.C. MAIN ONLY)

6" P.V.C. (3034) RISER PIPE  
TO BE PLUMB AND  
CENTERED OVER  
VALVE STEM.

30" MINIMUM COVER

VALVE STEM RISER  
rod dia. 1" carbon steel  
(LENGTH VARIES)

TRENCH BOTTOM

CONCRETE BLOCK

GATE VALVE SHOWN—SIMILAR  
INSTALLATION REQUIRED FOR  
BUTTERFLY VALVES.

**NOTE:**

P.V.C. MAINS:  
ALL VALVES MUST HAVE 12 GAUGE COATED  
COPPER TRACER WIRE TIED OFF AT VALVE BODY,  
EXTENDED OUTSIDE P.V.C. RISER PIPE, THEN  
EXTENDED ONE FOOT BEYOND TOP OF VALVE BOX.

**VALVE STEM EXTENSION LEGEND**

TO BE USED IF COVER MATERIAL  
MEETS OR EXCEEDS 40"

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

**NOTE:**

Ⓐ WELD ALL AROUND, AS SPECIFIED ABOVE.

APPROVED BY	REVISED DATE	<b>CITY OF CENTRALIA</b>	STD. PLAN NO.
CITY ENGINEER	<b>02/2020</b>	<b>STANDARD VALVE BOX</b>	<b>2-09</b>