SLIP TYPE ADJUSTABLE RISER (#69A TYLER OR APPROVED EQUAL)

4’ TO 6’ (FROM GROUND TO OPERATOR EXTENSION)

6’-12’

6” PVC (C900) PIPE W/O BELL
CUT TO LENGTH AS NEEDED (MUST OVERLAP AT TOP AND BOTTOM)

1/8” THICK STEEL DIRT COLLAR
WITH CENTER DIAMETER FILLED IN TO CATCH DIRT

VALVE NUT EXTENSION TUBE
(2” ID SQUARE TUBING)
3/8” MIN. THICKNESS OR APPROVED EQUAL

NOTE:
USE THIS DETAIL ONLY IF SPECIFICALLY APPROVED BY JURISDICTION

WATER MAIN DEPTH | VALVE NUT EXTENSION LENGTH
--- | ---
7’ | 2’
8’ | 2’ – 3’
9’ | 3’ – 4’
10’ | 4’ – 5’
12’ | 6’ – 8’

VALVE BOX EXTENSION (2 FEET LONG) (#59A TYLER OR APPROVED EQUAL)

VALVE BOX BASE (#6 TYLER OR APPROVED EQUAL)

TWO STAINLESS SET SCREWS (LOCKTITE REQUIRED ON THREADS)

LOWER VALVE NUT

NON-RISING STEM RESILIENT SEAT GATE VALVE OR BUTTERFLY VALVE

WATER MAIN

CONCRETE BLOCKING (TYP)
PER STANDARD DETAIL 2500-023

TRENCH BOTTOM

FILE NO.: 2500-051
APPROVAL DATE: 2006
REVISION NO.: 2
REVISION DATE: NOV. 2011

CEDAR RAPIDS METROPOLITAN AREA
STANDARD DETAILS FOR PUBLIC IMPROVEMENTS

VALVE BOX INSTALLATION
FOR MAINS OVER 10 FEET DEEP

NO.
2500-051