CHARLOTTE WLTER NO. DESCRIPTION: VALVE LOCK BOX - FURNISHED BY CLTW.

12"-20" DIP STANDPIPE.

TRACER WIRE CONDUIT.

STANDARD VALVE OPERATING NUT (2" SQUARE OPERATING NUT) PAINTED RED FOR OPEN RIGHT OR BLACK FOR OPEN LEFT, WITH OPEN OPERATION ARROW.

ALUMINUM 1/4" S.S. PLATE, 4 1/2" DIAMETER CENTERING COLLAR. LOCATE THE CENTERING COLLAR INTO THE VALVE BOX AS SHOWN.

1 1/4" SQUARE S.S. STEM (LENGTH VARIES, NO JOINTS ALLOWED).

STANDARD OR S.S. OPERATING SOCKET WITH FOUR 3/8" SET SCREWS.

VALVE OPERATING NUT WITH SET SCREW DIMPLES.

VALVE.

PLASTIC VALVE CENTERING COLLAR, PLASTIC VALVE CENTERING DISK (EX: PLASTIC POSI-CAP VALVE BOX ALIGNER DISK) REQUIRED TO KEEP VALVE BOX ALIGNED DURING BACK FILLING.

BOTTOM SECTION VALVE BOX.

TOP SECTION OF VALVE BOX.

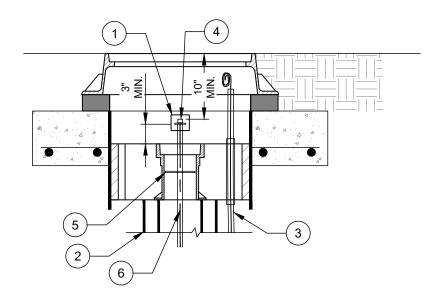
6" C900 PVC OR DIP STANDPIPE.

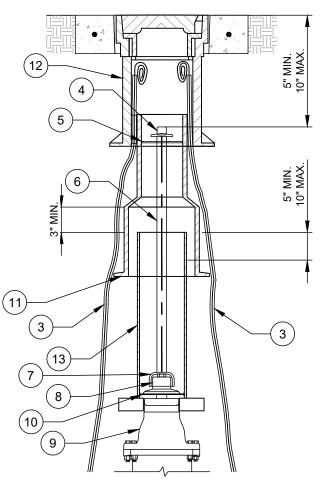
NOTES:

- EXTENSION REQUIRED IF DEPTH IS GREATER THAN THREE FEET.
- EXTENSION MUST BE ONE SOLID PIECE FROM NUT TO COUPLING.

12" AND SMALLER GATE VALVE **EXTENSION STEM ASSEMBLY**

16" AND LARGER GATE VALVE **EXTENSION STEMS**





NO SCALE 1.0

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CHARLOTTE WATER
A CITY OF CHARLOTTE DEPARTMENT
STANDARD DETAILS
WATER

EXTENSION

VALVE

ASSEMBLY

STEM BURY

04/2024

DETAIL 10.1.6