



FABRICATION NOTE

COAT ALL EXPOSED STEEL SURFACES WITH BLACK ASPHALT. ALL WELDS SHALL CONFORM TO THE WELDING HANDBOOK OF THE AMERICAN WELDING SOCIETY. BURR BREAK ALL SHARP EDGES, WIRE BRUSH WELDS AND REMOVE SPATTER

NOTE: SEE CITY STANDARD DETAIL 001 - GENERAL WATER NOTES

VALVE STACK (PER STD. 004)

LEGEND

- ① 2" STANDARD VALVE OPERATING NUT CONFORMING TO DIMENSIONS RECITED IN AWWA STANDARD C500 SECTION 20.
- ② DRILL 1-7/8" DIA. CLEARANCE HOLE IN GUIDE PLATE TO CLEAR 1-3/4" SHAFT.
- ③ 1-3/4" DIA. A.I.S.I. C-1018 COLD ROLLED STEEL, YIELD STRENGTH 48,000 PSI.
- ④ BLIND WELD NECK FLANGE OR REINFORCING BUSHING 3/8" MINIMUM WALL THICKNESS.
- ⑤ FABRICATE FROM 2"x2", 1/2" WALL THICKNESS SQ, TUBING STOCK OR MAKE FROM 1/2" A.S.T.M. A7-52T THICK HOT ROLL STEEL PLATE FABRICATED TO DIMENSION INDICATED. EXT. WELDS ONLY PERMITTED BUTT AND FILLET WELDS MIN. 1/4" BEAD.

NOTE: VALVE STEM EXTENSIONS WILL BE REQUIRED ON ALL VALVES 4.5' IN DEPTH OR GREATER (MEASURED FROM TOP OF OPERATING NUT TO FINISHED GRADE) TO RAISE THE OPERATING NUT BY EXTENSION TO 3' DEPTH FROM FINISHED GRADE.

CITY OF SAN BUENAVENTURA

PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

VALVE STEM EXTENSION

STD. DET. NO.

005

APPROVED BY: 
WATER GENERAL MANAGER

APPROVED BY: 
CITY ENGINEER R.C.E. 37064

DATE **7-7-16**

SHEET
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