



STEM EXTENSION FABRICATION NOTES

1. ALL WELDS TO RISER SHAFT SHALL BE FILLET WELD ALL AROUND AS SPECIFIED BELOW.
2. ALL STEEL REQUIRED FOR RISER FABRICATION SHALL BE STRUCTURAL STEEL PER ASTM A36.

VALVE STEM EXTENSION PARTS LIST

- ① VALVE OPERATING NUT OR 1-7/8"x1-7/8"x2" HIGH SOLID STEEL WELDED TO TOP PLATE.
- ② 3/16" THK. X 7-1/2" DIA. FREE SPINNING GUIDE PLATE, WITH 3-5/8" DIA. HOLE IN CENTER.
- ③ TWO 3/16"x1/2"x1-1/2" STEEL ANGLE, WELD TO TWO SIDES OF EXTENSION.
- ④ 2-1/2" X 3/16" SQUARE STEEL TUBING LENGTH AS REQUIRED EDGE TO WELD TO TOP PLATE.

8" PVC RISER PIPE
RISER PIPE TO BE PLUMB AND CENTERED OVER VALVE STEM, AND SHALL BE CONSTRUCTED FROM A SINGLE LENGTH OF PIPE, WITH NO JOINTS.

INSULATED #10 SOLID COPPER TRACER WIRE WITH 12" PIGTAIL INSIDE VALVE BOX, OUTSIDE RISER PIPE

NOTES

1. ENTIRE VALVE SHALL BE WRAPPED TIGHTLY WITH POLYETHYLENE FILM HELD SECURELY WITH ADHESIVE TAPE.

CONCRETE PIER REQUIRED WHEN INSTALLING NEW VALVE ON EXISTING MAIN. REQUIRED ON ALL VALVES 3" AND LARGER, AND ON ALL VALVES ON PLASTIC PIPE.

TOP VIEW

