VALVE BOX COVER 1/8" TREAD CLOSED PICKHOLE (TYP.) 5/8" TAG BOUNDARY 3/8" SHARP FACE GOTHIC LETTER 3/4 5 3/4"DIA. \$ MADE IN USA \$ SECTION A-A NON-SLIP TREAD -CONCRETE OR ASPHALT. SEE VALVE BOX NOTE 2 BELOW. 1/4" SHARP FACE **GOTHIC LETTER PLAN** 6 10" 2" SQUARE OPERATOR. 1/8" MIN THICKNESS SEE VALVE BOX NOTE x 4 1/4" DIAM. 1 BELOW REGARDING INSTALL DEPTH. (FIELD CUT BASE AS REQUIRED) STEEL STOCK (LENGTH AS REQUIRED). TRACER WIRE 2 1/4" CUBE (INSIDE MEASUREMENT) x 1/8" MIN THICKNESS, WITH 3/8" SET SCREW. VALVE BOX ETHAFOAM RING VALVE OPERATING NUT EXTENSION (TYP.) VALVE BOX NOTES:

- 1. CAST-IRON VALVE BOX AND COVER SHALL BE EAST JORDAN IRON WORKS:
 - VALVE BOX COVER 06800209
 - VALVE BOX TOP 85557016U
 - VALVE BOX BOTTOM 85556030U

FOR SHALLOW OR DEEP INSTALLS, VALVE BOX TOP SHALL BE DETERMINED BY THE DISTRICT.

- 2. IF VALVE BOX IS IN AN UNPAVED AREA, PROVIDE 1' RADIUS x 4" MINIMUM DEPTH CONCRETE OR ASPHALT PAVING AROUND VALVE BOX. CONCRETE SHALL HAVE A BROOM/TROWEL FINISH.
- 3. INSTALL ETHAFOAM RING BETWEEN BASE OF VALVE BOX AND GATE VALVES OR ON CONCRETE BRICKS FOR BALL VALVES. ETHAFOAM RING TO BE 2" IN THICKNESS.
- 4. VALVE TOP TO HAVE A HOLE DRILLED OR SLOT CUT INTO SIDE FOR TRACER WIRE. PROVIDE 12" MIN. OF TRACER WIRE IN VALVE BOX.

VALVE OPERATING NUT EXTENSION NOTES:

- VALVE OPERATING NUT EXTENSIONS ARE REQUIRED WHEN VALVE NUT IS MORE THAN 5' BELOW FINISHED GRADE.
- LENGTH AS REQUIRED TO PUT OPERATING NUT TWO (2) FEET FROM FINISHED GRADE.
- EXTENSIONS TO BE A MINIMUM OF TWO (2) FEET
- ONE (1) EXTENSION PER VALVE.
 NO ADJUSTABLE VALVE EXTENSIONS ALLOWED.
- WHEN AN EXTENSION IS REQUIRED, USE A SOILS PIPE BETWEEN VALVE BOX TOP AND VALVE BOX BOTTOM. LENGTH TO FIT.

VALVE BOX & OPERATING NUT EXTENSION

DETAIL APPROVALS

EDITOR TMC ENG. DIR. CF

NORTHSHORE UTILITY DISTRICT

2025 STANDARD WATER DETAILS



LAST UPDATED