



8.0'

ADJUST TOP TO 1/2" BELOW GRADE. BOX SHALL BE SET TO PROVIDE 12" OF ADJUSTMENT.

8.0' MINIMUM COVER REQUIRED OVER TOP OF WATER MAIN.

GATE VALVE ADAPTER: 1/4" STEEL WITH PROTECTIVE RUBBER COATING, 1/2" RUBBER GASKET INSTALLED BETWEEN THE GATE VALVE AND THE GATE VALVE ADAPTER.

COURSE FILTER AGGREGATE PER MnDOT SPEC. 3149.2.H. COVER WITH 4 MIL. THICKNESS POLYETHYLENE.

8" CONCRETE THRUST BLOCK

NOTES:

1. ALL GATE VALVES SHALL HAVE MECHANICAL JOINT OR ALPHA RESTRAINED JOINT ENDS CONFORMING TO AWWA C509 STANDARDS.
2. VALVES SHALL BE LEFT HAND OPENING (COUNTER-CLOCKWISE).
3. GATE VALVE ADAPTER SHALL BE MANUFACTURED BY ADAPTOR INC., OR APPROVED EQUAL.
4. GATE VALVE AND BOXES SHALL BE TYLER SERIES 6860, STAR PIPE PRODUCTS SERIES, MUELLER NO. H-10357, OR APPROVED EQUAL.
5. ALL BOLTS INCLUDING T-BOLTS SHALL BE COR-BLU.
6. GATE VALVE AND BOX SHALL BE STRAIGHT, ALLOWING A 4" PVC PIPE TO SLIDE DOWN THE BOX AND OVER THE GATE OPERATING NUT.

DESIGN:	DATE:	 ENGINEERING DEPARTMENT	PLATE NUMBER
DRAWN: DRT			GATE VALVE AND BOX INSTALLATION
REVISIONS 02-03-2022			