

GENERAL NOTES

1. ALL MAIN LINE VALVE 18" IN DIAMETER & SMALLER SHALL BE RESILIENT WEDGE GATE VALVES.
2. MAIN LINE VALVE WITH DIAMETERS GREATER THAN 18" MAY BE EITHER RESILIENT WEDGE GATE VALVES OR BUTTERFLY VALVES.
3. RESILIENT WEDGE GATE VALVES SHALL BE AMERICAN FLOW CONTROL.
4. TRACER WIRE SHALL BE CONNECTED TO ALL WATER METER ANGLE STOPS, FIRE HYDRANTS, AND VALVE BOX RISERS.

TWO-PIECE, CAST IRON, ADJUSTABLE VALVE BOX MANUFACTURED BY TYLER. H-20 LOAD RATED REQUIRED IN PAVED AREAS

18" - 24" DIAMETER CONCRETE DISK WITH (1) #4 BAR. CONCRETE SHALL BE CLASS A, 3000 PSI CONCRETE PER TxDOT 421

TRAFFIC RATED COPPERHEAD SNAKEPIT TEST STATION OR APPROVED EQUAL

GROUND LEVEL

BACKFILL IN ACCORDANCE WITH APPLICABLE TRENCH ZONE BACKFILL DETAIL

STANDARD VALVE STEM EXTENSION FASTEN TO OPERATING NUT REQUIRED WHEN DEPTH OF OPERATING NUT EXCEEDS 72"

BELL-END SEGMENT OF 6" C-900 PVC INSTALLED BETWEEN VALVE & VALVE BOX

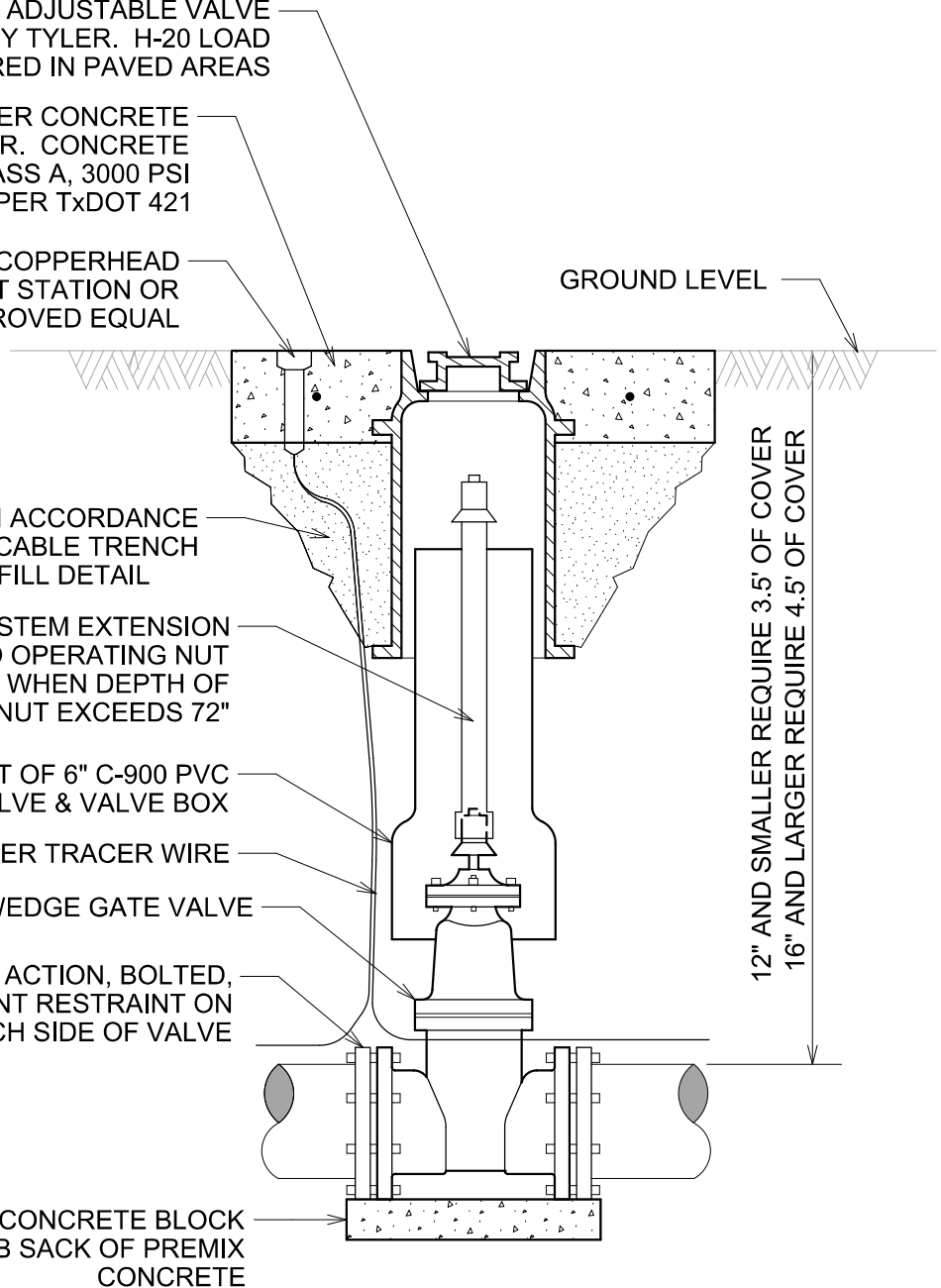
14 GA. INSULATED COPPER TRACER WIRE

RESILIENT WEDGE GATE VALVE

WEDGE ACTION, BOLTED, MECHANICAL JOINT RESTRAINT ON EACH SIDE OF VALVE

PRECAST CONCRETE BLOCK OR 90LB SACK OF PREMIX CONCRETE

12" AND SMALLER REQUIRE 3.5' OF COVER
16" AND LARGER REQUIRE 4.5' OF COVER



GATE VALVE

STANDARD CONSTRUCTION DETAILS

DATE: 07/20/21

REVISED
DATE: 07/20/21

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