

4" STEEL

ENCASED

16-MESH SCREEN

AT END OF J PIPE

2" TYPE K COPPER SEAMLESS TUBING,

POLYETHYLENE (PE) TUBING, OR GALVANIZED -

STEEL PIPE (SCHEDULE 80) AS REQUIRED.

PAINTED YELLOW.

STRAP TO

HOLD VALVE

2" RED BRASS

PIPE SUPPORT -

8" CONCRETE

BLOCK (TYP.)

(SCH. 40)

3/4" WASH ROCK

90° EL

(PJxFIP)

CONCRETE THRUST BLOCK

12"x8" MIN. BEARING AREA

AROUND STAND PIPE

36"x36" METER TILE.

AIR/VACUUM RELIEF VALVE

VALVE BOX PER

DETAIL, THIS SHEET

CURB BOW WITH

— 2" CURB STOP PER SECTION 2902.3.3

4"x12"x12" CONCRETE BLOCK

WITH 2 CF OF 1" CRUSHED STONE

90° EL SHALL BE

FORD LO4-77S-NL

BE FORD FB600-7-NL

2" CORPORATION STOP SHALL

2" TAPPING SADDLE PER SECTION 2903.6.5

WATER MAIN

FOOT PIECE

PER SECTION 2902.6.3

12"MIN./18" MAX. —

2" TYPE K COPPER SEAMLESS TUBING OR

POLYETHYLENE (PE) TUBING, AS REQUIRED.

RING, AND COVER.SEE TABLE, THIS SHEET.

TRACER

AIR RELEASE VALVE DETAIL

WIRE

BLOWOFF DETAIL

VALVE BOX

2" TYPE K COPPER SEAMLESS

TUBING OR POLYETHLYENE (PE)
TUBING LENGTH AS REQUIRED.

(SEE VALVE — BOX DETAIL)

PROPOSED STREET

TRACER WIRE PLACED

NO MORE THAN 6"

FROM TOP OR SIDE

OF PIPE

2" STREET SERVICE CROSSING

42" MIN.

2" CORP. STOP

PER SECTION 2902.3.4

2" TAPPING SADDLE PER SECTION 2902.6.5

TRACER WIRE

SPLICE KIT

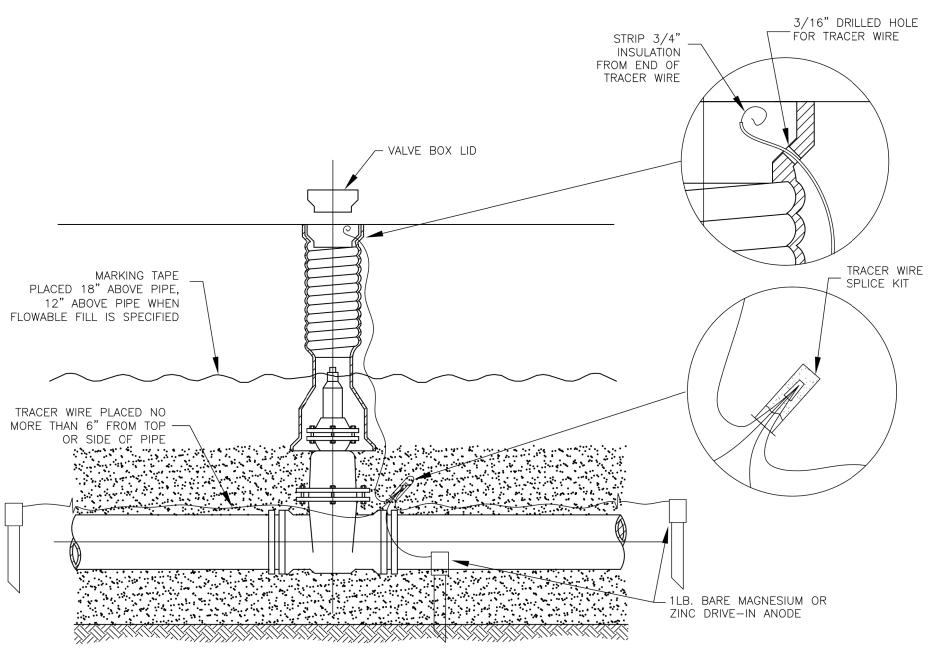
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2" CURB STOP

PER SECTION 2902.3.3

METER SIZE METER BOX SIZE/ METER BOX COVER SIZE/ LINE SIZE* ACCEPTABLE PRODUCTS ACCEPTABLE PRODUCTS 1805AAH OR ADS 18050012H OR ADS N-12 OR SIGMA RMP1830-SW-W OR 5/8" 3/4" 18"/FORD A32PR-BR FORD VB-81W-44-33-NL FORD VB-84W-44-44-NL 20"/FORD A3PR-BR | Ford VBH76-18-44-66-NL | 36" / ADS N-12 OR SIGMA 1.5" 1.5" 36"/FORD MC-36-P-BR RMP2030-W OR CONTECH A2000 FORD VBH77-18-44-77-NL PVC OR APPROVED EQUAL METERS LARGER THAN 2" SHALL REQUIRE INDIVIDUAL VAULT DESIGNS. THE DESIGN ENGINEER SHALL SUBMIT PLANS FOR THE VAULT DESIGN TO THE ENGINEER FOR REVIEW 4" + METER AND APPROVAL ON A CASE-BY-CASE BASIS. DIAMETER *PUBLIC SERVICE LINE DIAMETER. CUSTOMER MAY INCREASE SERVICE LINE DIAMETER BEYOND THE SETTER.

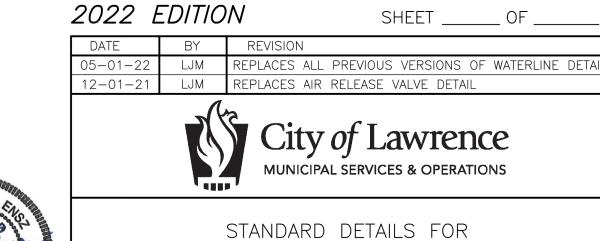
APPROVED WATER SERVICE MATERIALS



*NOTE:

- 1. ANODES SHALL BE A MINIMUM OF ONE POUND (1 LB.) BARE MAGNESIUM OR ZINC DRIVE—IN GROUNDING ANODE ROD AND SHALL BE DRIVEN INTO THE GROUND AT THE SAME ELEVATION AS THE WATERLINE. ANODES SHALL BE PLACED AT THE BEGINNING AND THE END OF THE WATERLINE, AT EVERY VALVE BOX OR TEST STATION, AT ALL DEAD ENDS, AT THE END OF SERVICE LINES, AND/OR AT LEAST EVERY FIVE HUNDRED FEET (500')
- 2. SPLICE CONNECTIONS SHALL BE COPPERHEAD INDUSTRIES LLC SNAKEBITE LOCKING WIRE CONNECTOR, COPPERHEAD INDUSTRIES SCB-01SR DIRECT BURY, COPPERHEAD INDUSTRIES LLC 3WB-01 DRYCONN THREE-WAY DIRECT BURY LUG CONNECTOR, OR 3M DBR/Y-6 DIRECT BURY.
- 3. TRACER WIRE SHALL BE 12AWG COPPER CLAD STEEL (CCS), MINIMUM BREAK LOAD OF 280 LBS. WITH BLUE 30MIL HDPE JACKET FOR OPEN TRENCH INSTALLATIONS OR 12AWG COPPER CLAD STEEL (CCS), MINIMUM BREAK LOAD OF 1,100 LBS. WITH BLUE 45 MIL HDPE JACKET FOR DIRECTIONAL DRILL INSTALLATION. TRACER WIRE SHALL BE PLACED NO FURTHER THAN 6" TO THE SIDE OR ABOVE THE WATERLINE. TRACER WIRE SHALL BE ACCESSIBLE AT VALVE BOX OR TEST STATIONS AT LEAST EVERY 500'.
- 4. MARKING TAPE SHALL BE INSTALLED 18" ABOVE PVC PIPE OR DUCTILE IRON PIPE. MARKER TAPE SHALL BE AT LEAST 3" IN WIDTH, BLUE IN COLOR WITH BLACK LETTERING STATING, "CAUTION BURIED WATERLINE BELOW."
- 5. TRACER WIRE SHALL BE REQUIRED ON ALL POLYETHYLENE (PE) TUBING SERVICE LINES. SPLICE SERVICE LINE TRACER WIRE TO TRACER WIRE AT THE EXISTING WATERMAIN WITH APPROVED CONNECTOR. IF NO TRACER WIRE IS IN PLACE ON THE EXISTING WATERMAIN, TIE SERVICE LINE TRACER WIRE TO 1LB MIN. ANODE AT EXISTING WATERMAIN.
- 6. ALL PUBLIC SERVICE LINES SHALL BE INSTALLED IN A MATTER THAT ALLOWS FOR LOCATION OF SAID INFRASTRUCTURE BY THE DEPARTMENT POST—CONSTRUCTION. MIXED MATERIALS (I.E. COPPER AND POLYETHYLENE) FROM THE WATER MAIN TO THE WATER METER SHALL NOT BE PERMITTED WITHOUT THE ADDITION OF A TRACER WIRE.

TRACER WIRE/MARKER TAPE DETAIL





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CITY MANAGER

WATERLINE

