



STAMP THE LETTERS "PI" INTO BACK OF CURB ABOVE WATER LATERAL. LETTERS TO BE 3" TALL AND 1/4" DEEP. PAINT LETTERS "PURPLE" AFTER CONCRETE HAS CURED.

D&L L-2244 CAST IRON METER BOX RING AND D&L 2240 LID W/ 2" HOLE FOR RADIO READ ENDPOINT AND "WATER" IMPRINTED ON LID. SEE NOTE 6.

1" POLY ETHYLENE CTS PURPLE PIPE (200 PSI RATED) OR APPROVED EQUAL TO CUSTOMER BALL VALVE

2" GALVANIZED OR BRASS PLUG W/ SQUARE OPENING LUG THREADED TO PVC

21" I.D. WHITE ADS METER BOX W/ SMOOTH INTERIOR

24" MIN EXTRA LENGTH OF COILED TRACER WIRE

CONCRETE SIDEWALK

CONCRETE CURB AND GUTTER

MINNEAPOLIS THREAD TO PVC ADAPTER TO SEAL VALVE BOX TO VALVE

8" MIN - 24" MAX.

WATER METER AND ENDPOINT SUPPLIED AND INSTALLED BY CITY. CONTRACTOR TO SUPPLY AND INSTALL METER IDLER.

FORD METER SETTER #VB74-10W-11-44

FOIL TAPE COLORED PURPLE AND LABELED "IRRIGATION"

#14 GAUGE INSULATED COPPER TRACING WIRE FOR DIRECT BURY

2'-0" MIN COVER

1" X 6" THREADED BRASS NIPPLE

SEE NOTE 5

SLOPE 2% MIN

1 1/2" POLY ETHYLENE CTS PURPLE PIPE (200 PSI RATED) OR APPROVED EQUAL

1" FORD COMPRESSION FITTING W/ 1/2" TO 1" REDUCER

CORPORATION STOP W/ FORD COMPRESSION FITTING CONNECTION OR APPROVED EQUAL

INSTALL 1" BRASS STREET ELBOWS (AS NEEDED FOR DEEP SERVICES) TO ACHIEVE 12" COVER TO TOP OF METER SETTER

TAPPING SADDLE SINGLE STRAP STAINLESS/EPOXY COATED. SADDLE TO MEET PIPE MANUFACTURER'S REQUIREMENTS

SEE NOTE 4

PRESSURE IRRIGATION MAIN

MUELLER MARK II OR SEAL STOP & WASTE W/ MINNEAPOLIS THREAD

1 CU. FT. MIN OF CLEAN 3/4" DRAIN ROCK

1" X 1" X 1/2" THREADED BRASS TEE & 1/2" KING DRAIN. THE BRANCH OF THE TEE W/ KING DRAIN TO BE BELOW PIPE.

1" FORD COMPRESSION FITTING

1" PLASTIC PLUG

1" X 6" THREADED BRASS NIPPLE

GENERAL NOTES:

1. THREAD TAPE REQUIRED ON ALL THREADED CONNECTIONS.
2. ALL SERVICE LATERALS SHALL BE BEDDED & BACKFILLED WITH SAND OR AN APPROVED EQUAL. PEA GRAVEL SHALL NOT BE ACCEPTED.
3. IRRIGATION WATER SERVICE METERS MAY BE PLACED IN PLANTER STRIPS, IF PRESENT.
4. CONTRACTOR SHALL SPLICE AND RE-CONNECT ALL TRACING WIRE WITH GREASED WIRE NUTS
5. IF IRRIGATION MAIN IS AT A HIGHER ELEVATION THAN BOTTOM OF METER SETTER SUCH THAT THE LATERAL PIPING CANNOT BE SLOPED DOWN TOWARD THE MAIN, THEN INSTALL ANOTHER TEE, NIPPLE, AND KING DRAIN WITH DRAIN ROCK AT THIS LOCATION TO MATCH OTHER SIDE.
6. WATER METERS SHALL NOT BE PLACED WITHIN DRIVABLE AREAS UNLESS APPROVED BY THE PUBLIC WORKS DEPARTMENT. IF SO, USE D&L B-5021 CAST IRON RING AND LID W/ UNIVERSAL HOLE FOR RADIO READ ENDPOINT AND "WATER" IMPRINTED ON LID.



CEDAR HILLS

STANDARD DRAWING NO.

408

IRRIGATION WATER SERVICE CONNECTION DETAIL

(NOT TO SCALE)

5/9/2019