CONCRETE BLOCK NEEDS TO BE KEYED INTO UNDISTURBED SOIL

4" GALV. WASHERS
FABRICATED 8"X2-1/4"
CHANNEL IRON PRESSURE PLATE FOR 10" MAIN OR SMALLER

4"X6" GALV. NIPPLE
4"X12" GALV. NIPPLE
4"X90° GALV. NIPPLE

4" GATE VALVE W/ SQ. OP. NUT
12" MIN.

3/4"X48" EYE BOLT
#9 1-1/8"X48" REBAR

PLAN VIEW
Not to Scale

DEBRIS CAP
FINISHED GRADE OF STREET

17 LB. MAGNESIUM ANODE
4" SCREW PLUG W/2" SQ NUT

3/4"X48" EYE BOLT
#9 4"X1-1/8" REBAR
THRUSS BLOCK

6" PVC PIPE
6" VALVE BOXES (WR-2.3)

6" MAX.

12" MIN.
17 LB. MAGNESIUM ANODE

TRACER WIRE

6" 1'-6"
2'-6"
5' MIN.
TO NEAREST SERVICE TAP

NOTES:
1. REQUIRES PRESSURE PLATE FABRICATED FROM 8" X 2-1/4" CHANNEL IRON.
2. IF MAIN IS AT EXTRA DEPTH, REQUEST ADDITIONAL 4" NIPPLIES.
3. ALL EXPOSED METAL MUST BE COATED WITH MASTIC
4. AMOUNT OF CONCRETE TO BE POURED FOR ANCHOR BLOCKS WILL BE DETERMINED BY SIZE OF PIPE AND SOIL CONDITIONS WITH A MINIMUM OF 1/2 CU. YD. OF CONCRETE ON EACH ANCHOR BLOCK. SUFFICIENT CONCRETE MUST BE POURED TO RESIST THRUST DUE TO PRESSURE IN THE PIPE. APPLICABLE THROUGH 10" ONLY. ANCHOR BLOCKS FOR LARGER SIZES TO BE SPECIFIED BY THE ENGINEER.
5. ANCHOR BLOCKS MUST BE KEYED-IN AT LEAST 6" BELOW BOTTOM OF TRENCH AND KEYED INTO UNDISTURBED SOIL.
6. GALVANIZED NIPPLE SHALL BE CONTINUOUS OR TACK WELDED AT EACH JOINT.