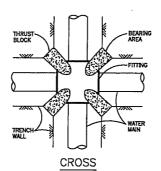
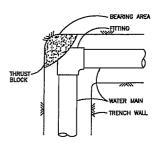


TYPICAL FITTING SECTION

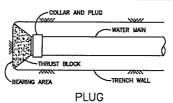
MINIMUM BEARING AREAS REQUIRED (SQ.FT)						
90°	TEE*	90'	45° BEND	22 1/2' BEND	11 1/8' BEND	VALVE
4 &6	3	5	3.	1	1	0
8"	5	8	4	2	1	0
10"	8	12	7	4	2	4
12"	12	17	9	5	2	9

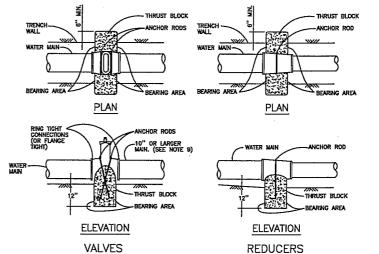
INCLUDES CROSSES, PLUGS, REDUCERS AND HYDRANTS.





HORIZONTAL 90° BEND





NOTES:

- ALL ANCHORS AND THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED
- THRUST BLOCK BEARING AREAS ARE BASED UPON A DESIGN WATER PRESSURE OF 150 P.S.I.; AND A SOIL BEARING STRENGTH OF 2000
- FOR LOOSE SAND, INCREASE BEARING AREA LISTED BY A FACTOR OF
- FOUR (4). THE RATIO OF BEARING AREA WIDTH TO HEIGHT SHALL NOT EXCEED
- 1—1/2 TO 1.

 CONCRETE SHALL BE CLASS 2, MINIMUM 2000 P.S.I. STRENGTH.

 ANCHOR RODS TO BE NO. 4 REBAR, WITH 3" END BEND, EMBEDDED A

 MIN. OF B" INTO THRUST BLOCK.

 PLACE 30 LB. FELT BETWEEN ALL FITTINGS AND THRUST BLOCKS.

 THE CITY ENGINEER SHALL COMPUTE THE REQUIRED BEARING AREAS
 FOR CASES NOT COVERED HEREIN.

 THRUST BLOCKS FOR VALVES ARE REQUIRED ONLY WHEN THE WATER

MAIN AND VALVE IS EQUAL TO OR GREATER THAN 10" IN DIAMETER.

10. RESTRAINED JOINTS MAY BE APPROVED BY CIT ENGINEER IN LIEU OF CERTAIN THRUST BLOCKS.

