

REQUIRED AREA IN SQ. FT.						
PIPE SIZE	TEE DEADENDS	90° BEND	45° BEND	22 1/2° BEND	11 1/4°* BEND	VALVE
4"	3	4	2	1	1	2
6"	6	9	5	2	2	4
8"	11	16	8	4	2	7
10"	18	26	14	6	3	11
12"	26	37	20	10	5	15

* For bends less than 11 1/4°, use thrust areas shown for 11 1/4°, unless otherwise approved by the engineer.

NOTES

Thrust Blocking Table calculated for soil bearing capacity of 1,000 lbs./sq. ft. and 175 lbs./sq. in. test pressure.

Any greater soil bearing capacity than 1,000 lbs./sq. ft., shall be determined by an engineer, and approved by the City.

Concrete blocking shall be Class B concrete 2,000 lbs./sq. in.

Concrete blocking, cast in place, to extend from bells of fittings to undisturbed ground.

For plugged leg(s) of tee or cross with 90° flow pattern, use data listed for 90° bend.

CITY OF UKIAH

**THRUST BLOCK
AREAS REQUIRED**

Scale: None	Drawn By: Dnp	Approved By: <i>Hag</i>	Drawing No.
Date: 9/29/76	Revised:	<i>R. Pedroncelli</i>	311