

| 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>Heg</i> | Drawing No. |
| Date: 9/29/70 | Revised: | <i>R. Pedroncelli</i> | 311 |