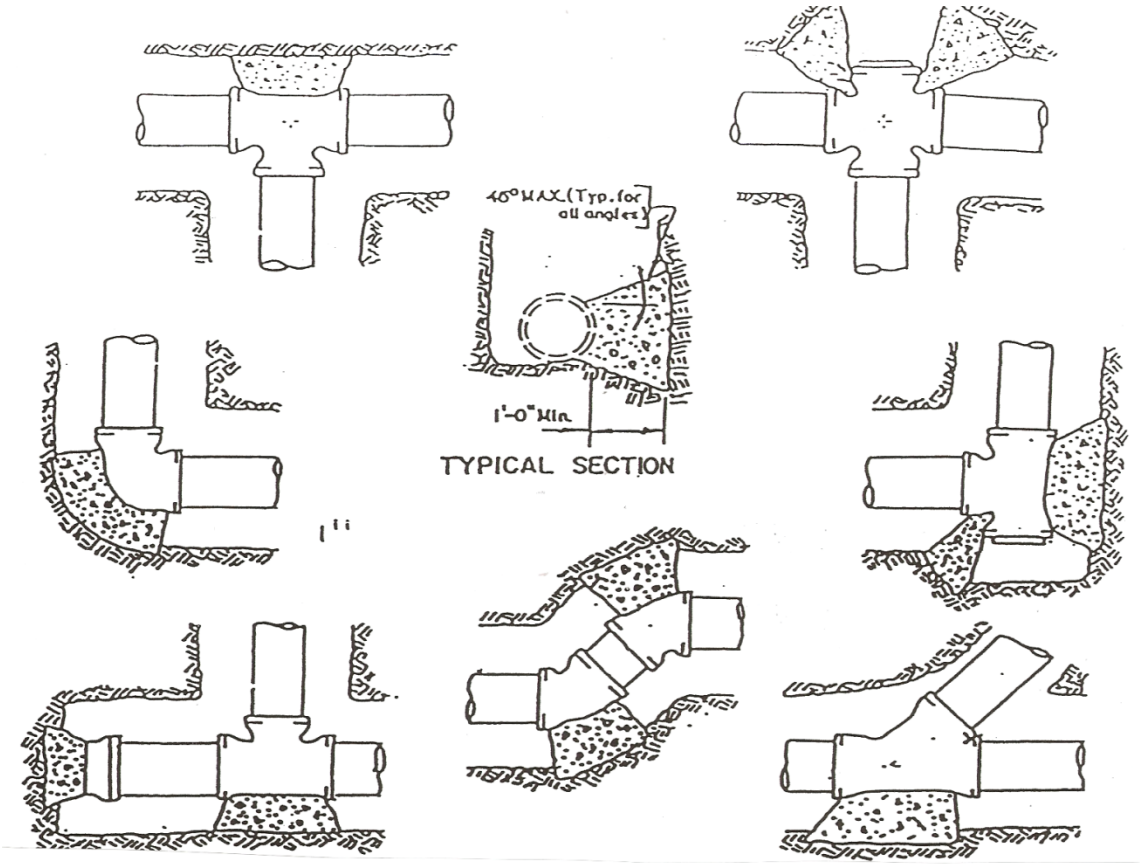
TYPICAL LOCATION OF THRUST BLOCKS



ANCHOR BLOCK AREA REQUIRED-SQUARE FEET – SOIL BEARING VALUE 2000lb/Sq.Ft.

Fittings	Size	4”	6”	8”	10”	12”
11 ¼		1.0 Sq.Ft.	1.0 Sq.Ft.	1.5 Sq.Ft.	2.5 Sq.Ft.	3.0 Sq.Ft.
22 ½		1.0 Sq.Ft.	1.5 Sq.Ft.	3.0 Sq.Ft.	4.5 Sq.Ft.	6.0 Sq.Ft.
45		1.5 Sq.Ft.	3.0 Sq.Ft.	5.0 Sq. Ft.	8.5 Sq.Ft.	12.0 Sq.Ft.
90		3.0 Sq.Ft.	5.5 Sq.Ft.	9.5 Sq.Ft.	15.5 Sq.Ft.	22.0 Sq.Ft.
Tee Outlet		2.0 Sq.Ft.	4.0 Sq.Ft.	6.5 Sq.Ft.	11.0 Sq.Ft.	15.5 Sq.Ft.
Dead End		2.0 Sq.Ft.	4.0 Sq.Ft.	6.5 Sq.Ft.	11.0 Sq.Ft.	15.5 Sq.Ft.

NOTE:

1. Anchor blocks shall be four (4) socks per cu. Yd. Concrete and poured against undisturbed soil.
2. Anchor blocks shall be placed at all points where the bend is greater than 10.
3. Anchor blocks shall be placed at all Tees, “Y’s”, Caps, Ells, Valves, Reducers, and hydrants.