



ELEVATION
(TYPICAL)

MINIMUM BEARING SURFACE (SF)					
SIZE OF PIPE (IN)	B E N D S				TEE OR DEAD END
	11.25°	22.5°	45°	90°	
4	1.0	1.0	2.0	4.0	3.0
6	1.0	2.0	4.0	8.0	6.0
8	2.0	4.0	7.0	14.0	10.0
10	3.0	6.0	11.0	21.0	15.0
12	4.0	8.0	16.0	29.0	21.0
14	5.0	11.0	21.0	39.0	28.0
16	7.0	14.0	27.0	50.0	36.0
18	9.0	17.0	34.0	63.0	45.0
20	11.0	21.0	42.0	78.0	55.0
24	15.0	31.0	60.0	111.0	78.0
30	24.0	47.0	92.0	171.0	121.0
36	34.0	67.0	132.0	244.0	173.0

NOTE: AREA BASED UPON WATER PRESSURE OF 150 PSI AND ALLOWABLE SOIL PRESSURE OF 1000 PSF. JURISDICTIONAL ENGINEER MAY MODIFY REQUIRED SIZE BASED UPON SITE CONDITIONS.

GENERAL NOTES FOR THRUST BLOCKS

1. RESTRAINED JOINTS SHALL BE USED IN ACCORDANCE WITH SECTION 5010, 2.05.
2. MINIMUM THRUST BLOCK THICKNESS 1'-6".
3. EXTEND THRUST BLOCKS TO UNDISTURBED SOIL.
4. FORM VERTICAL SURFACES OF POURED CONCRETE THRUST BLOCKS EXCEPT ON THRUST FACE.
5. DO NOT ALLOW CONCRETE TO DIRECTLY CONTACT JOINTS OR FITTING BOLTS, PROTECT JOINTS AND BOLTS WITH POLYETHYLENE ENCASMENT.

STANDARD CONCRETE THRUST BLOCKS

REV.	DATE	BY	P.C. CONCRETE THRUST BLOCKS (DETAIL B)	FIGURE: 5010.IB
	DATE: 01-01-98			SHEET 1 OF 1