



PLAN

SECTION

ELEVATION

SECTION

DETAIL FOR HORIZONTAL BENDS

DETAIL FOR LOWER VERTICAL BENDS

NOMINAL PIPE SIZE (INCHES)	MAXIMUM PIPE OD (INCHES)	REQUIRED BEARING AREA (SQ FT)						
		90 DEG	60 DEG	45 DEG	30 DEG	22.50 DEG	11.25 DEG	
4	4.80	2.9	2.0	1.6	1.1	0.8	0.4	
8	9.05	10	7	6	4	3	1.4	
12	13.20	22	15	12	8	6	3	
18	19.50	48	34	26	17	13	7	
20	21.60	58	41	32	21	16	8	
24	25.80	83	59	45	30	23	12	

THRUST BLOCKS FOR HORIZONTAL BENDS AND LOWER VERTICAL BENDS

NOTES:

1. MAXIMUM TEST PRESSURE = 1.5 x 150 PSI
2. MINIMUM ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF
3. BEARING AREA = A x B
4. C SHALL BE GREATER THAN A/2 AND B/2.

**THRUST BLOCKS
FOR HORIZONTAL BENDS
AND LOWER VERTICAL BENDS**

DETAIL

NO SCALE

