



PLAN

ANCHORAGE FOR VERTICAL BENDS

BEND	DIMENSION	LENGTH
11.25°	A	42"
	B	32"
	C	55"
	CY	1.75
22.5°	A	54"
	B	41"
	C	70"
	CY	3.54
45°	A	68"
	B	52"
	C	89"
	CY	7.02

PIPE SIZE	11.25°	22.5°	45°
4"	3-NO.6	3-NO.6	3-NO.6
6"	3-NO.6	3-NO.6	3-NO.6
8"	3-NO.6	3-NO.6	3-NO.6
12"	3-NO.6	3-NO.6	3-NO.6
14"	3-NO.6	3-NO.6	3-NO.6
16"	3-NO.6	3-NO.6	3-NO.6
18"	3-NO.6	3-NO.6	3-NO.6
20"	3-NO.6	3-NO.6	3-NO.6
24"	3-NO.6	3-NO.6	5-NO.6
30"	3-NO.6	5-NO.6	5-NO.7
36"	4-NO.6	5-NO.6	6-NO.7

NOTES:

1. ALL CONCRETE TO BE CLASS A-3.
2. BUTTRESS DIMENSIONS SHOWN ARE MINIMUM. DIMENSIONS ARE BASED UPON SOIL BEARING PRESSURE OF 3000 P.S.F. AND STATIC WATER PRESSURE OF 150 P.S.I. WHERE PRESSURE EXCEEDS 150 P.S.I. OR WHERE SOIL BEARING CAPACITY IS LESS THAN 3000 P.S.I, SPECIAL BUTTRESS DESIGNS ARE REQUIRED.
3. PLACE 5 MIL. POLYURETHANE BETWEEN PIPE & CONCRETE THRUST BLOCK.

STANDARD THRUST BLOCKS

NOT TO SCALE

REFERENCE	CATEGORY	DATE	SHEET No.	DETAIL No.
200,801,803	WATER & SANITARY	12/10	2 OF 2	WS_05