

REV. _____
 APPR. BY _____ DATE _____

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90° TEE

PIPE	2000 P.S.F.
4"	2.0 SQ. FT.
6"	4.0 "
8"	7.0 "
10"	11.0 "
12"	15.0 "
14"	21.0 "
16"	27.0 "

CASE 1

90° BEND

PIPE	2000 P.S.F.
4"	3.0 SQ. FT.
6"	5.0 "
8"	9.0 "
10"	15.0 "
12"	22.0 "
14"	29.0 "
16"	38.0 "

CASE 2

22 1/2° BEND

45° BEND

PIPE	2000 P.S.F.	2000 P.S.F.
4"	1.0 SQ. FT.	1.0 SQ. FT.
6"	1.5 "	3.0 "
8"	2.5 "	5.0 "
10"	4.0 "	8.0 "
12"	6.0 "	12.0 "
14"	8.0 "	16.0 "
16"	10.0 "	21.0 "

CASE 3

LIVE CAP or PLUG

PIPE	2000 P.S.F.
4"	2.0 SQ. FT.
6"	4.0 "
8"	7.0 "
10"	11.0 "
12"	15.0 "
14"	21.0 "
16"	27.0 "

CASE 4

CROSS

PIPE	2000 P.S.F.
4"	1.0/EA. SQ. FT.
6"	2.0/EA. "
8"	3.0/EA. "
10"	5.0/EA. "
12"	9.0/EA. "
14"	10.0/EA. "
16"	13.0/EA. "

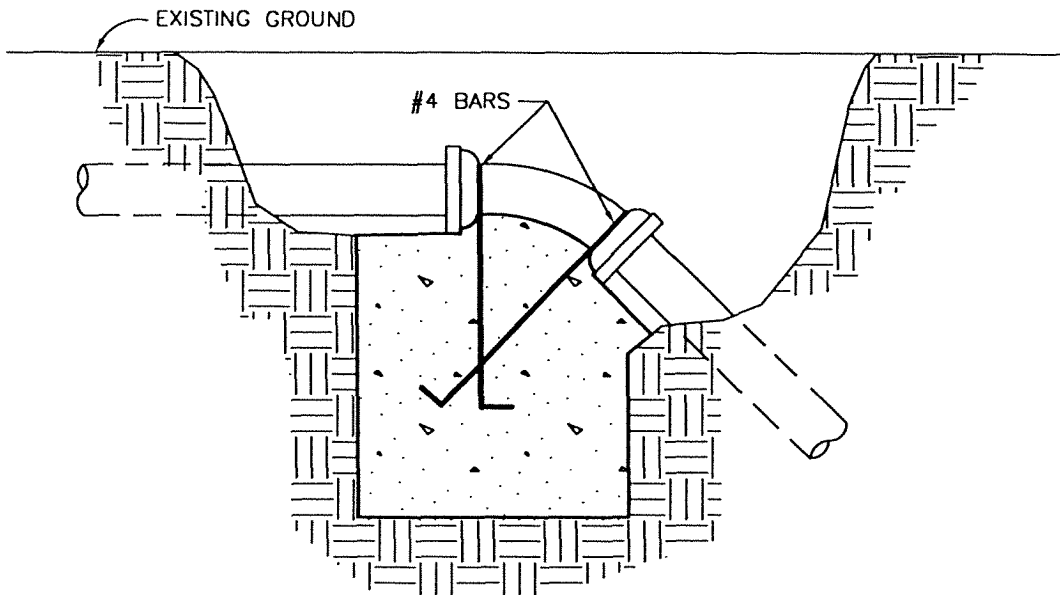
CASE 5


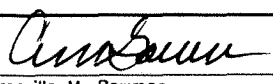
GENERAL NOTES:

- UNLESS OTHERWISE NOTED THRUST BLOCK BEARING FACES SHALL BE POURED AGAINST UNDISTURBED SOIL OR APPROVED COMPACTED BACKFILL.
- AFTER THE TRENCH HAS BEEN BACKFILLED TO THE TOP OF PIPE, AREAS TO BE OCCUPIED BY THRUST BLOCKS SHALL BE RE-EXCAVATED AND SHAPED, AFTER SHAPING SIMPLE PLYWOOD, OR BOX WOOD FORMS SHALL BE INSERTED ADJACENT TO THE VERTICAL NON-PRESSURE BEARING SIDES OF THE MOLD. CITY INSPECTION OF THE MOLD-FORM MUST BE OBTAINED PRIOR TO CASTING THE THRUST BLOCK.
- THE THRUST BLOCK IS TO BE CAST IN SUCH A MANNER TO CRADLE THE PIPE OR FITTING. CONC. ENVELOPMENT SHALL BE PERPENDICULAR TO THE LINE OF THRUST.
 * = ENGINEER TO DETERMINE CONFIGURATION
 ⬆ = DIRECTION OF THRUST
- SELF HAUL CONCRETE MUST BE APPROVED BY INSPECTOR

REV.	APPR. BY	DATE

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 <p>CITY OF Oxnard</p>	THRUST BLOCKING - VERTICAL BEND		STANDARD PLAN 2002
	DRAWN: STAFF	CKD.: STAFF	APPR.  Granville M. Bowmon
Department of Public Works			PLATE 320 SHEET 2 OF 2