

TABLE 1
200 PSI WATER MAIN PRESSURE AND 1000 PSF ALLOWABLE SOIL BEARING PRESSURE.

PIPE DIAMETER IN INCHES	REQUIRED BEARING AREA (SQUARE FEET)		
	90 DEGREE BEND	45 DEGREE BEND	TEE AND PLUGS
4"	3.5	2	2.5
6"	8	4.5	6
8"	14	8	10
10"	22.5	12.5	16
12"	32	18	22.5

TABLE 2
200 PSI WATER MAIN PRESSURE AND 1500 PSF ALLOWABLE SOIL BEARING PRESSURE.

PIPE DIAMETER IN INCHES	REQUIRED BEARING AREA (SQUARE FEET)		
	90 DEGREE BEND	45 DEGREE BEND	TEE AND PLUGS
4"	2.5	1.5	1.5
6"	3	3	4
8"	9.5	5.5	7
10"	15	8	10.5
12"	21	12	15



City of San Bruno
Standard Detail

**THRUST BLOCK
 BEARING AREA TABLE**

CITY ENGINEER:

APPROVED BY: WING WONG

R.C.E. C35688

DATE: AUG 2011

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W-07A

DETAIL NO: