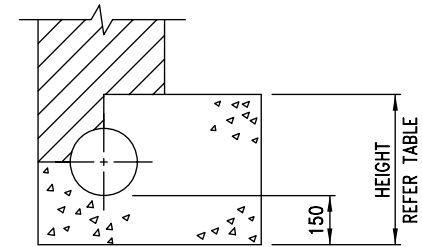


PIPE DIA	FITTING	MAX THRUST IN kN	THRUST BLOCK HEIGHT	SOFT CLAY	MEDIUM CLAY	SAND & GRAVEL	SAND & GRAVEL	ROCK
				50 kPa	SANDY LOAM 100 kPa	HARD CLAY 150 kPa	CEMENTED WITH CLAY 200 kPa	240 kPa
300	90° BEND	119.2	700	SPECIAL DESIGN	1700	1150	850	700
	60° BEND	84.0		SPECIAL DESIGN	1200	900	●	●
	45° BEND	64.3		SPECIAL DESIGN	950	●	●	●
	22.5° BEND	32.8		950	●	●	●	●
	11.25° BEND	16.5		●	●	●	●	●
	TEE OR CLOSED END	84.0		SPECIAL DESIGN	1200	900	●	●
375	90° BEND	181.7	800	SPECIAL DESIGN	SPECIAL DESIGN	1500	1150	950
	60° BEND	128.0		SPECIAL DESIGN	1600	1200	800	700
	45° BEND	98.0		SPECIAL DESIGN	1250	950	650	●
	22.5° BEND	50.0		1250	650	●	●	●
	11.25° BEND	25.1		650	●	●	●	●
	TEE OR CLOSED END	128.0		SPECIAL DESIGN	1600	1200	800	700
450	90° BEND	257.3	900	SPECIAL DESIGN	2850	2150	1450	1200
	60° BEND	181.3		SPECIAL DESIGN	2050	1550	1050	850
	45° BEND	138.9		SPECIAL DESIGN	1550	1200	800	650
	22.5° BEND	70.8		1600	800	●	●	●
	11.25° BEND	35.6		800	●	●	●	●
	TEE OR CLOSED END	181.3		SPECIAL DESIGN	2050	1550	1050	850
525	90° BEND	344.9	1000	SPECIAL DESIGN	SPECIAL DESIGN	2300	1750	1450
	60° BEND	243.1		SPECIAL DESIGN	2450	1850	1250	1050
	45° BEND	186.1		SPECIAL DESIGN	1900	1450	950	800
	22.5° BEND	94.9		1900	950	650	●	●
	11.25° BEND	47.7		950	●	●	●	●
	TEE OR CLOSED END	243.1		SPECIAL DESIGN	2450	1850	1250	1050
600	90° BEND	445.4	1100	SPECIAL DESIGN	SPECIAL DESIGN	3050	2050	1700
	60° BEND	313.8		SPECIAL DESIGN	2850	2150	1450	1200
	45° BEND	240.3		SPECIAL DESIGN	2200	1650	1100	950
	22.5° BEND	122.5		2250	1150	750	●	●
	11.25° BEND	61.6		1150	●	●	●	●
	TEE OR CLOSED END	313.8		SPECIAL DESIGN	2850	2150	1450	1200

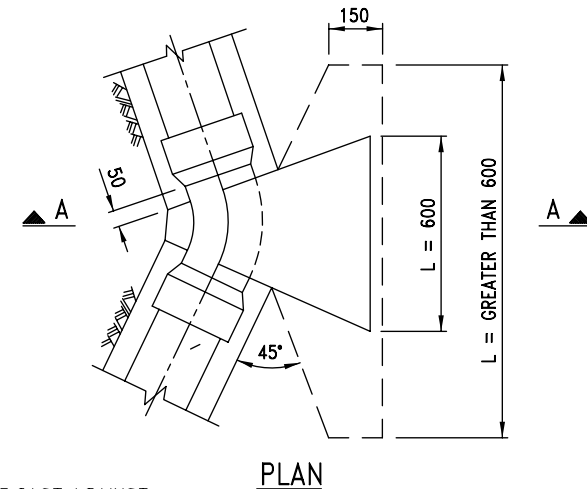
● INDICATES BLOCK LENGTH OF 600

THRUST BLOCK LENGTHS (L)

THRUST BLOCK DIMENSIONS



SECTION A-A



PLAN

NOTES:

1. ALL CONCRETE TO BE GRADE N20.
2. THRUST ANCHOR BLOCKS SHALL BE CAST AGAINST THE UNDISTURBED SIDE OF THE TRENCH.
3. THE TABLE OF DIMENSIONS ASSUME A TEST PRESSURE OF 900 kPa. (90m HEAD). VARIATION FROM THE DIMENSIONS SHOWN WILL BE SUBJECT TO JUSTIFICATION BY CALCULATIONS.
4. FOR VALVE RESTRAINTS FORMATS, REFER TO G.C.C.C STD DWGS 08-06-112 & 08-06-115.
5. DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.



GOLD COAST CITY COUNCIL
PO BOX 5042
GOLD COAST MC 9729

THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE

CONTROLLED DOCUMENT

DO NOT SCALE
TAKE FIGURED DIMENSIONS ONLY

STANDARD DRAWING

MICROFILMED

DRAWN BY	G.C.W
PASSED	D. HAYMAN 08/07/08
APPROVED	R. WENT 08/07/08

MAJOR SEWERAGE PRESSURE MAIN
THRUST BLOCK DETAILS

STANDARD DRAWING No.
08-07-105
ISSUE
2008 EDITION

No.	AMENDMENT	APPROVED	DATE	ISSUED
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