



CONCRETE THRUST BLOCK FOR 500mm & 600mm BENDS
11 1/4°, 22 1/2°, 45°, 90°

CONCRETE THRUST BLOCK FOR 500mm & 600mm TEE

GENERAL DESCRIPTION OF SOIL TYPE	MAX. ALLOWABLE SOIL BEARING PRESSURE	SIZE mm	11 1/4° BEND				22 1/2° BEND				45° BEND				90° BEND				TEE									
			AREA REQ'D	A	B	C	D	AREA REQ'D	A	B	C	D	AREA REQ'D	A	B	C	D	AREA REQ'D	A	B	C	D						
Dense Sand, Dense Sand and Gravel	400 kN / m ²	500																						0.61 m ²	1000	600	450	1000
		600	0.17 m ²	600	300	300	900	0.34 m ²	600	300	300	900	0.67 m ²	800	300	450	1000	1.23 m ²	1100	1000	600	1000	0.87 m ²	1000	600	450	1000	
Compact Sand and Gravel, Dense Silt, Stiff Clay and Compact or Firm Till.	150 kN / m ²	500																						1.63 m ²	1500	600	600	1000
		600	0.46 m ²	600	300	450	900	0.91 m ²	1000	300	500	900	1.78 m ²	1800	300	500	1000	3.29 m ²	2800	1000	600	1000	2.33 m ²	2000	600	600	1000	
Compact Silt or Stiff Clay.	100 kN / m ²	500																						2.45 m ²	2100	600	600	1000
		600	0.68 m ²	800	300	450	900	1.36 m ²	1400	300	500	900	2.67 m ²	2700	300	500	1000	4.93 m ²	3500	1000	750	1000	3.49 m ²	3000	600	600	1000	
Loose Sand and Gravel, Soft Clay	50 kN / m ²	500		225																				4.90 m ²	4100	600	600	1000
		600	1.37 m ²	1400	300	500	900	2.72 m ²	2300	300	600	900	5.34 m ²	2700	300	1000	1000	9.87 m ²	5000	1000	1000	1000	6.98 m ²	6000	600	600	1000	

NOTE: All dimensions are in millimeters

PETERBOROUGH UTILITIES COMMISSION

TITLE THRUST BLOCK DETAILS FOR 500mm & 600mm WATERMAIN		SCALE NOT TO SCALE	REVISIONS	Date
DRAWN BY <i>Stan P. [Signature]</i>		JOB COST		
DESIGNED <i>A. L. [Signature]</i>		DRAWING No. A1738		
APPROVED <i>[Signature]</i>		CADD		
DATE 04 MAY 2000				