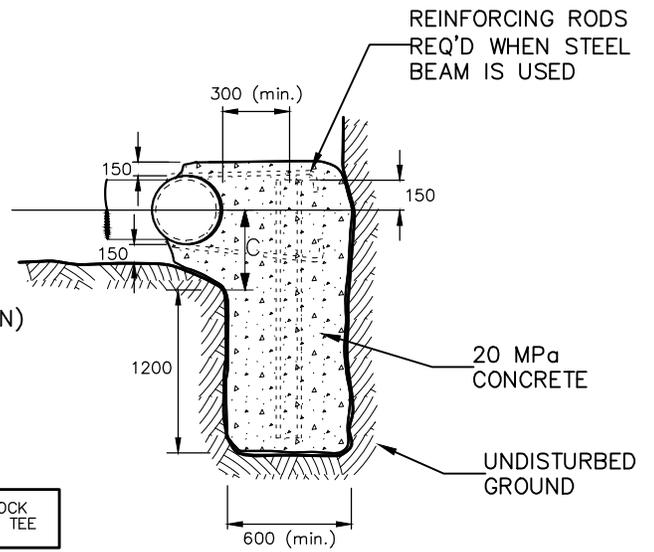
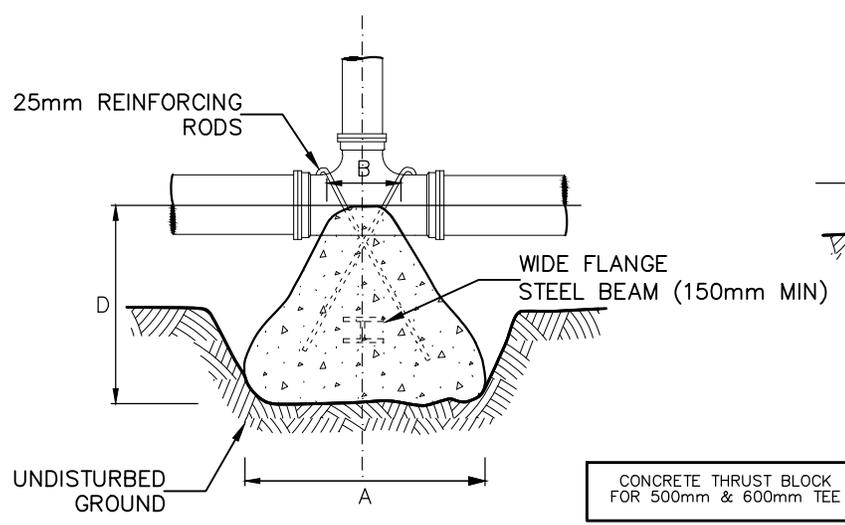
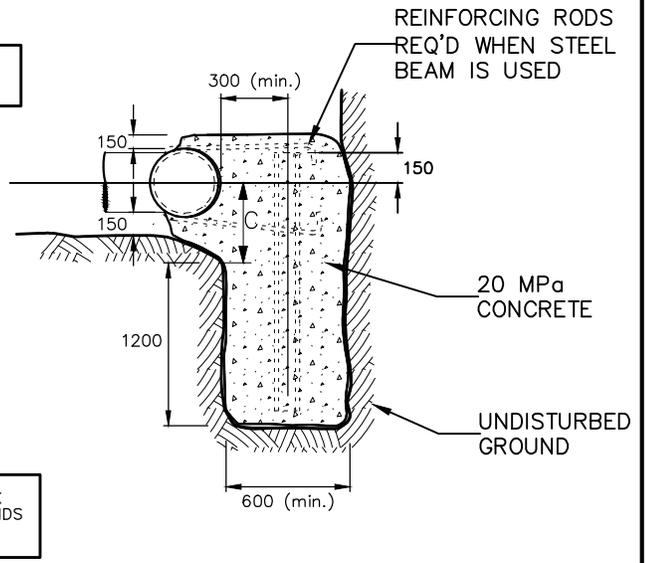
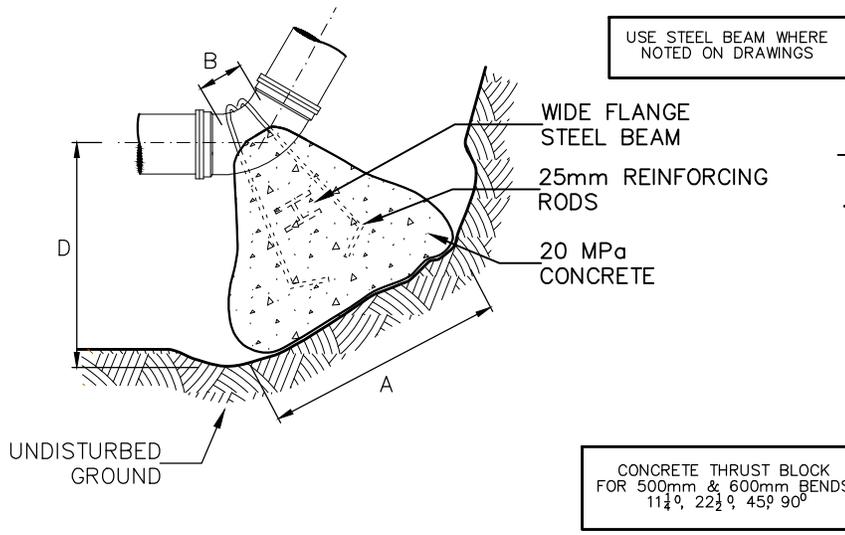


**NOTES:**

THE USE OF PRECAST BLOCKS MAY BE PERMITTED ON A CASE BY CASE BASIS AS APPROVED BY PUC.

N.T.S.



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	AREA REQ'D	A	B	C	D
Dense Sand, Dense Sand and Gravel	400 kN <sup>2</sup> /m	500 OR 600	0.17 m <sup>2</sup>	600	300	300	900	0.34 m <sup>2</sup>	600	300	300	900	0.67 m <sup>2</sup>	800	300	450	1000	1.23 m <sup>2</sup>	1100	1000	600	1000	0.61 m <sup>2</sup>	1000	600	450	1000
Compact Sand and Gravel, Dense Silt, Stiff Clay and Compact or Firm Till.	150 kN <sup>2</sup> /m	500 OR 600	0.46 m <sup>2</sup>	600	300	450	900	0.91 m <sup>2</sup>	1000	300	500	900	1.78 m <sup>2</sup>	1800	300	500	1000	3.29 m <sup>2</sup>	2800	1000	600	1000	1.63 m <sup>2</sup>	1500	600	600	1000
Compact Silt or Stiff Clay.	100 kN <sup>2</sup> /m	500 OR 600	0.68 m <sup>2</sup>	800	300	450	900	1.36 m <sup>2</sup>	1400	300	500	900	2.67 m <sup>2</sup>	2700	300	500	1000	4.93 m <sup>2</sup>	3500	1000	750	1000	2.45 m <sup>2</sup>	2100	600	600	1000
Loose Sand and Gravel, Soft Clay	50 kN <sup>2</sup> /m	500 OR 600	1.37 m <sup>2</sup>	1400	300	500	900	2.72 m <sup>2</sup>	2300	300	600	900	5.34 m <sup>2</sup>	2700	300	1000	1000	9.87 m <sup>2</sup>	5000	1000	1000	1000	4.90 m <sup>2</sup>	4100	600	600	1000

NOTE: All dimensions are in millimeters

# PETERBOROUGH UTILITIES COMMISSION

## STANDARD WATERWORKS DRAWING

	TITLE	No.	REVISION	DATE
	THRUST BLOCKS DETAILS FOR 500mm & 600mm WATERMAIN	1.	UPDATED TITLE BLOCK	07-27-2023
		2.		
DRAWN BY: S. BILLINGS	APPROVED: K. CONLIN	<h1>A1738</h1>		
DESIGNED: S. BILLINGS	DATE: 11-01-2023			