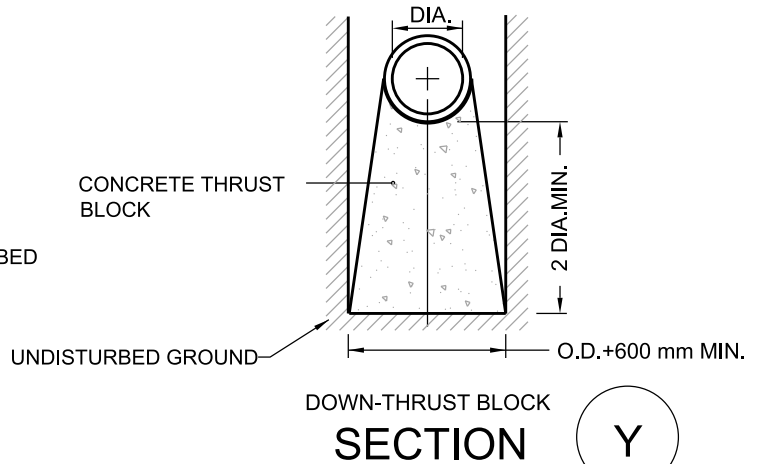
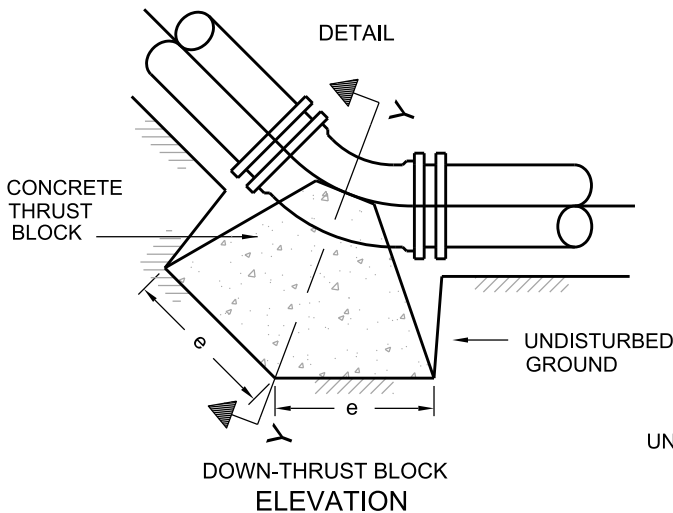


MINIMUM DIMENSIONS mm					
PIPE SIZE	a	b	c	d	e
100	450	600	750	13	150
150	600	900	900	13	300
200	600	900	1500	13	450
250	900	900	1500	20	600
300	1200	900	1650	20	800
350	1200	1200	1650	25	1000



NOTES:

1. CONCRETE SHALL BE PLACED TO WITHIN 50 mm OF THE FACE OF THE BELL.
2. POLYETHYLENE BOND BREAKER TO BE USED BETWEEN CONCRETE AND FITTINGS.
3. THIS BLOCKING DESIGN APPLIES ONLY WHERE 1035 kPa PRESSURE IS NOT EXCEEDED.

4. THIS BLOCKING IS FOR BENDS UP TO 45° ONLY.
5. THIS BLOCKING DESIGN APPLIES WHERE THE SOIL HAS A MINIMUM SOIL BEARING CAPACITY OF 200 kPa.
6. ALL CONCRETE TO BE 20 MPa.
7. ALL BOLTS AND NUTS SHALL BE STAINLESS STEEL

All dimensions are in millimetres unless otherwise shown.



ENGINEERING AND CONSTRUCTION SERVICES STANDARD DRAWING

REV 1

APR 2013

**CONCRETE THRUST BLOCKS
FOR VERTICAL BENDS**

T-1103.020

NTS

SHEET 1