



BEARING AREA OF BLOCKS

CONCRETE AREAS IN M²

PIPE SIZE	100	150	200	250	300	400
1, 4, 11	0.2	0.4	0.7	1.0	1.45	1.9
3, 5, 7	0.3	0.55	0.9	1.45	2.05	2.7
2			0.25	0.5	0.75	1.65
6, 8	0.15	0.3	0.5	0.6	1.2	1.45
9	0.1	0.15	0.3	0.45	0.6	0.75
10	0.3	0.6	1.0	1.2	2.2	2.9

DESIGN ASSUMPTIONS

- HYDRAULIC HEAD = 1.38 MPa.
- SOIL BEARING VALUE = 0.096 MPa. (MEDIUM SOFT CLAY)
- THRUST BLOCKS FOR MAINS LARGER THAN 300mm ϕ SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER AND SHOWN ON THE ENGINEERED DRAWINGS

FOR VERTICAL REACTION BLOCK SIZE REFER TO PLAN/PROFILE DRAWINGS

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STANDARD PRESSURE MAIN THRUST BLOCK DETAILS

2	City	Drawings revised	02/99
1	Usi	Original drawings created	04/96
No.	By	Revisions	Date

Date: February 12/99	Scale: N.T.S	Dwg. No. D-2
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