

MINIMUM THRUST AREAS FOR FITTINGS AT 1030kPa PRESSURE
AND FOR SOILS WITH A MINIMUM BEARING PRESSURE OF 96kPa

(NOT TO BE USED FOR SOFT CLAY, MUCK, PEAT, ECT.)

*DIMENSIONS APPLY TO THE LARGER DIAMETER END OF FITTING

| TYPE OF FITTING | FITTING SIZE | OUTSIDE OF RECESS IN LENGTH | | | HEIGHT |
|---------------------------|--------------|-----------------------------|----------------|------|--------|
| | | FITTING TO BEARING PLACE | TRENCH WALL | | |
| | D | W | W ^R | L | H |
| 90° BEND | 150 | 300 | | 900 | 400 |
| | 200 | 350 | | 1050 | 600 |
| | 250 | 375 | | 1450 | 750 |
| | 300 | 400 | | 1650 | 900 |
| 45° BEND | 150 | 300 | | 450 | 450 |
| | 200 | 350 | | 600 | 600 |
| | 250 | 375 | | 750 | 750 |
| | 300 | 400 | | 900 | 900 |
| 11.25° BEND 22.5° BEND | 150 | 300 | | 450 | 225 |
| | 200 | 350 | | 600 | 300 |
| | 250 | 375 | | 750 | 450 |
| | 300 | 400 | | 900 | 450 |
| TEE | 150 | 300 | | 600 | 450 |
| | 200 | 350 | | 750 | 600 |
| | 250 | 375 | | 1000 | 750 |
| | 300 | 400 | | 1200 | 900 |
| CROSS | 150 | 300 | | 600 | 450 |
| | 200 | 350 | | 750 | 600 |
| | 250 | 375 | | 1000 | 750 |
| | 300 | 400 | | 1200 | 900 |
| 45° WYE | 150 | 300 | 300 | 450 | 450 |
| | 200 | 350 | 400 | 600 | 600 |
| | 250 | 375 | 500 | 750 | 750 |
| | 300 | 400 | 600 | 900 | 900 |
| REDUCER | 150 | 300 | 150 | 450 | 450 |
| | 200 | 350 | 200 | 600 | 600 |
| | 250 | 375 | 250 | 750 | 750 |
| | 300 | 400 | 300 | 900 | 900 |
| CAPS & PLUGS | 150 | 300 | | 450 | 450 |
| | 200 | 350 | | 600 | 600 |
| | 250 | 375 | | 750 | 750 |
| | 300 | 400 | | 900 | 900 |

* PLACE 6mm POLYETHYLENE ON INTERFACE BETWEEN CONCRETE AND FITTINGS

* KEEP CONCRETE CLEAR OF FITTING JOINTS & COUPLINGS

DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED



TOWN OF LADYSMITH
ENGINEERING STANDARD

THRUST BLOCKING AREAS

DATE: FEB. 1994

APP. BY:

DRAWING No.

W4A

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