



| PIPE SIZE | MINIMUM DIMENSIONS (mm) | | | |
|-----------|---------------------------|-----|-----|-----|
| | a | b | c | d |
| 100 | 150 | 150 | 150 | 600 |
| 150 | 250 | 250 | 200 | 600 |
| 200 | 250 | 300 | 200 | 600 |
| 250 | 350 | 400 | 250 | 600 |
| 300 | 450 | 450 | 300 | 600 |
| 350 | 500 | 550 | 400 | 600 |
| 400 | 500 | 550 | 500 | 600 |
| 450 | 550 | 550 | 500 | 600 |

NOTES:

- A Concrete shall be placed to within 50mm of the face of the bell.
- B Polyethylene bond breaker to be used between concrete and fittings.
- C This blocking design applies only where 1050kPa pressure is not exceeded.
- D This blocking design applies where the soil has a minimum soil bearing capacity of 200kPa.
- E All dimensions are in millimetres or metres unless otherwise shown.
- F All thrust blocks to be poured against undisturbed soil as indicated.
- G The use of precast concrete blocks may be permitted on a case by case basis as approved by PUC.

PETERBOROUGH UTILITIES COMMISSION

STANDARD WATERWORKS DRAWING



TITLE

CONCRETE THRUST BLOCKS FOR TEES,
PLUGS AND HORIZONTAL BENDS

No.

REVISION

DATE

1.

ADD NOTED F & G
REVISE CHARTS

05-05-2000

2.

UPDATED TITLE BLOCK,
REVISED NOTE G

07-27-2023

DRAWN BY: S. BILLINGS

APPROVED: K. CONLIN

DESIGNED: K. CONLIN

DATE: 05-05-2000

A1719