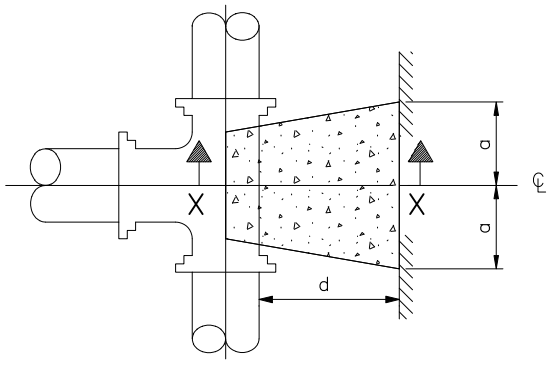
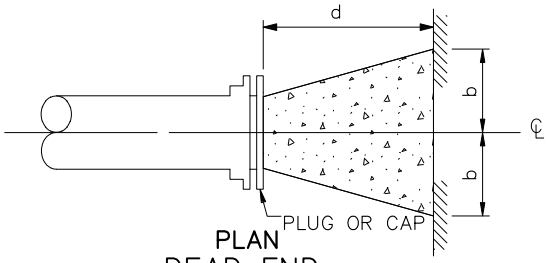
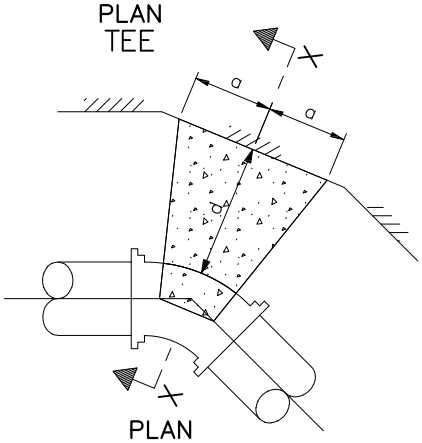
N.T.S.



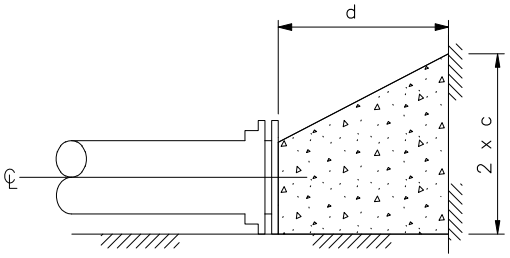
PLAN
TEE



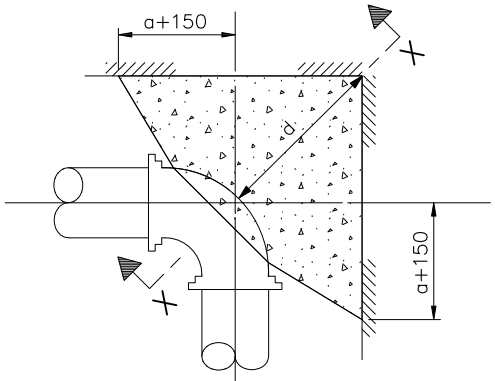
PLAN
DEAD END



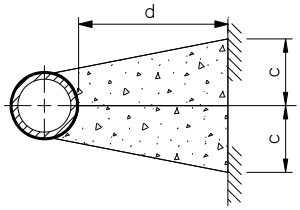
PLAN
TYPICAL BEND



ELEVATION
DEAD END



PLAN
90° BEND



SECTION X–X

	MINIMUM DIMENSIONS (mm)			
PIPE SIZE	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 COP.

THE CITY OF PETERBOROUGH

STANDARD WATER SERVICES DRAWING

peterborough

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
3.	UPDATED TITLE BLOCK, REVISED NOTE G	11-18-2025

DRAWN BY:	S. BILLINGS	APPROVED:	K. CONLIN
DESIGNED:	K. CONLIN	DATE:	05-05-2000

A1719