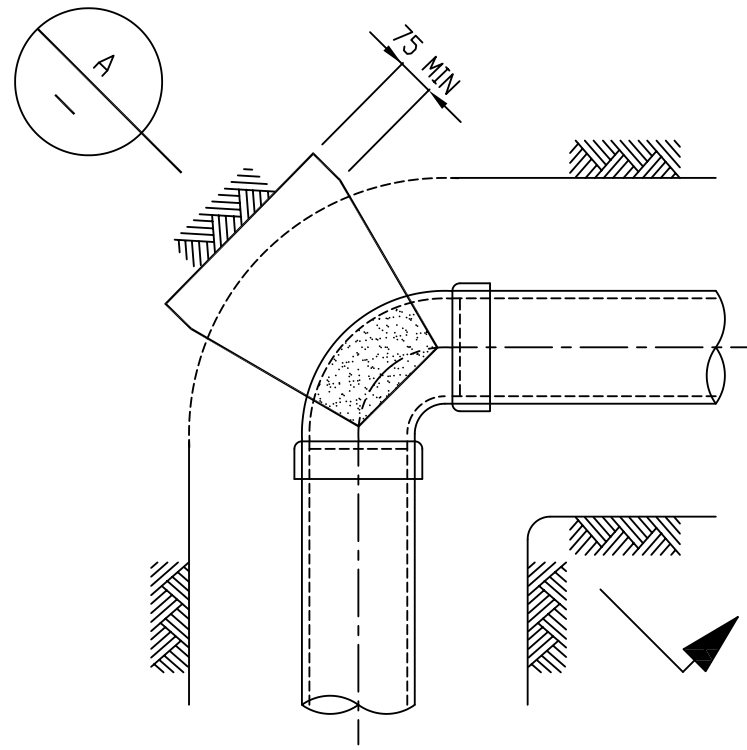
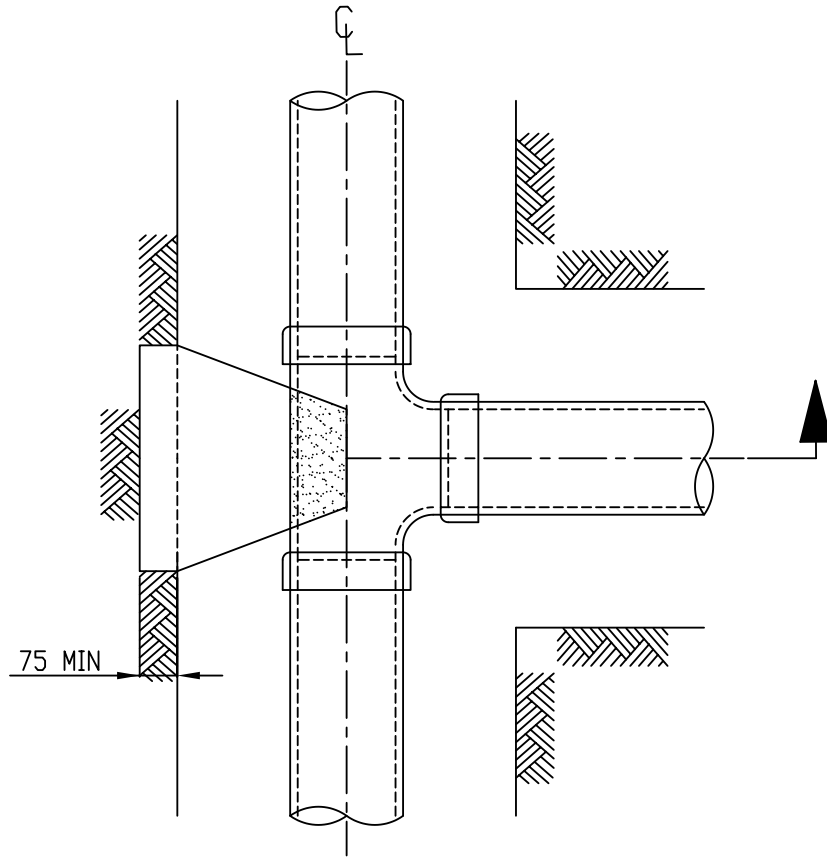
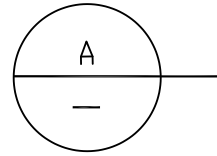


1 2 3 4 5 6 7 8 9 10 11 12

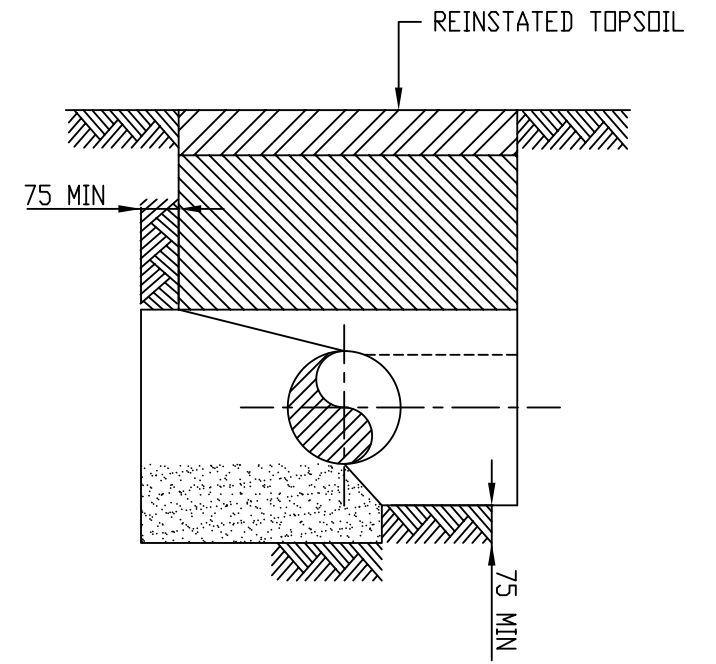
A
B
C
D
E
F
G
H



TYPICAL BEND



TYPICAL TEE



SECTION A

STANDARD DETAIL OF CONCRETE ANCHOR BLOCKS
SCALE N.T.S

MINIMUM THRUST AREA FOR ANCHORAGE IN m²
WITH DESIGN HEAD OF 130m & GROUND BEARING PRESSURE OF 50kPa.

DIAMETERS	BENDS 11.25° & 22.5°	BENDS 30° & 45°	BENDS 60° & 90°	TEES BLANK ENDS & VALVES
80 & 100	0.13	0.23	0.44	0.31
150	0.26	0.49	0.91	0.65
200	0.44	0.83	1.56	1.09
225	0.55	1.05	1.97	1.38

TABLE 1
THRUST BLOCK AREA TABLE

NOTES:

- ANCHOR BLOCKS SHALL HAVE THE MINIMUM BEARING AREAS SHOWN IN TABLE 1. IF THE SOIL BEARING CAPACITY IS DEMONSTRATED TO EXCEED 50 kPa THE MINIMUM BEARING AREAS SHALL BE CALCULATED AND SHALL BE SHOWN IN THE DETAILED DESIGN DRAWINGS.
- ANCHOR BLOCKS SHALL BE CARRIED 75mm INTO EXISTING GROUND OR TO SOLID BEARING.
- AREAS OF PIPE IN CONTACT WITH CONCRETE TO BE WRAPPED IN BITUMASTIC FELT WRAP.
- ANCHOR BLOCKS SHALL BE CAST AGAINST ORIGINAL UNDISTURBED GROUND COVERED BY A 0.2mm POLYTHENE MEMBRANE.
- WHERE MAINS TERMINATE WITH BLANK ENDS, REDGUM BLOCKS AND WEDGES SHALL BE USED IN LIEU OF CONCRETE.
- CONCRETE SHALL NOT SURROUND PIPE OR CONTACT PIPE JOINTS.

REVISIONS			
0	ISSUED FOR CONSTRUCTION	16.05.01	A.R.M.
REVISION	DETAILS	DATE	APPROVED

WANNON REGION WATER AUTHORITY
WATER MAIN STANDARD DETAIL DRAWING
STANDARD DETAIL OF CONCRETE
ANCHOR BLOCKS

SCALE N.T.S
SHEET 1 OF 1
DRAWING NO. W-353-C

1 2 3 4 5 6 7 8 9 10 11 12