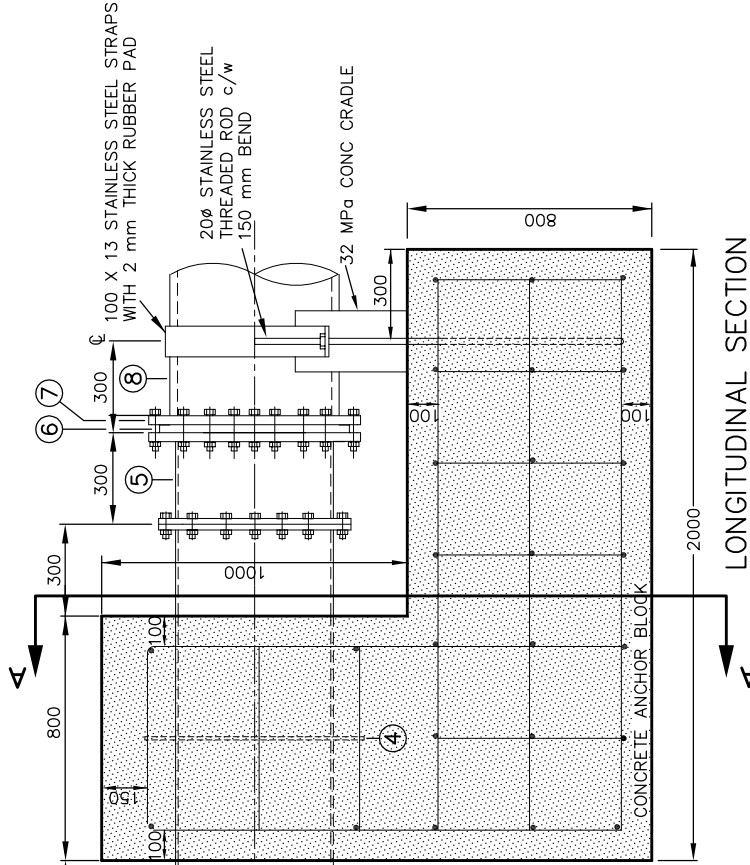
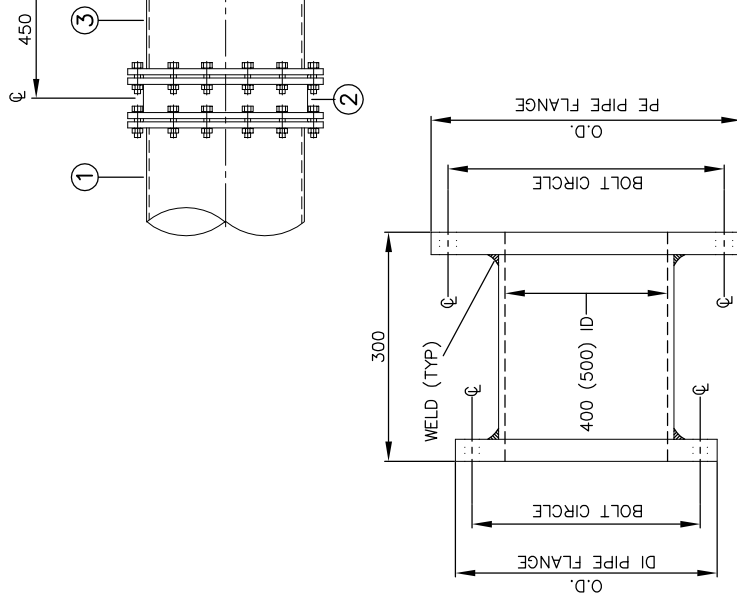


SECTION A-A



LONGITUDINAL SECTION



ITEM 5 TRANSITION SPOOL PIECE

CONTRACTOR SHALL ENSURE THAT THE TRANSITION SPOOL FLANGES ARE MANUFACTURED TO MATCH THE FLANGED BOLT CIRCLE PATTERN FOR DI AND PE PIPES.

NOTES:

1. PIPE SHALL BE 400 mm (500) DIA., MINIMUM STANDARD WEIGHT STEEL.
2. FLANGES SHALL BE 30 mm THICK STEEL WELDED TO PIPE ALL AROUND.
3. FLANGES SHALL CONFORM TO AWWA C110/A21.10
4. AFTER CASTING IN CONCRETE, ALL METALLIC FITTINGS & METALLIC PIPE SHALL HAVE CORROSION PROTECTION.
5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.

ITEM LEGEND

- 1 400 OR (500 mm ϕ) PVC WATERMAIN
- 2 400 OR (500 mm ϕ) CAST IRON MECHANICAL JOINT SOLID SLEEVE
- 3 400 OR (500 mm ϕ) CLASS 52 DUCTILE IRON CEMENT LINED PIPE (FLANGE X PLAIN), C/W FACTORY INSTALLED WALL FLANGE (SEE ITEM #4).
- 4 100 mm X 10 mm THICK WALL FLANGE CONTINUOUS FILLET WELD ALL AROUND PIPE
- 5 400 X 300 OR (500 X 300) TRANSITION SPOOL PIECE (SEE DETAIL THIS PAGE)
- 6 BUTT FUSE FLANGE ADAPTER C/W ITEM #7.
- 7 SLIP METAL FLANGE.
- 8 500 OR (630 mm ϕ) PE DR11 WATERMAIN

NOTE:

- ANCHOR BLOCKS TO BE POURED AGAINST UNDISTURBED GROUND
- ALL REINF BARS TO BE SIZE 15M AT 300 mm CC
- CONCRETE STRENGTH TO BE 32 MPa AT 28 DAYS

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PVC TO PE PIPE TRANSITION & CONCRETE ANCHOR BLOCK

400 PVC TO 500 PE
OR
500 PVC TO 630 PE

DRAWN BY: STS/RF	REV No: 2
DATE: 2003-03-03	REV DATE: JAN/2013
SCALE: NTS	CAD/FILE No: A1917-1 (1 OF 1)
APP'D:	GSSD-1100.042