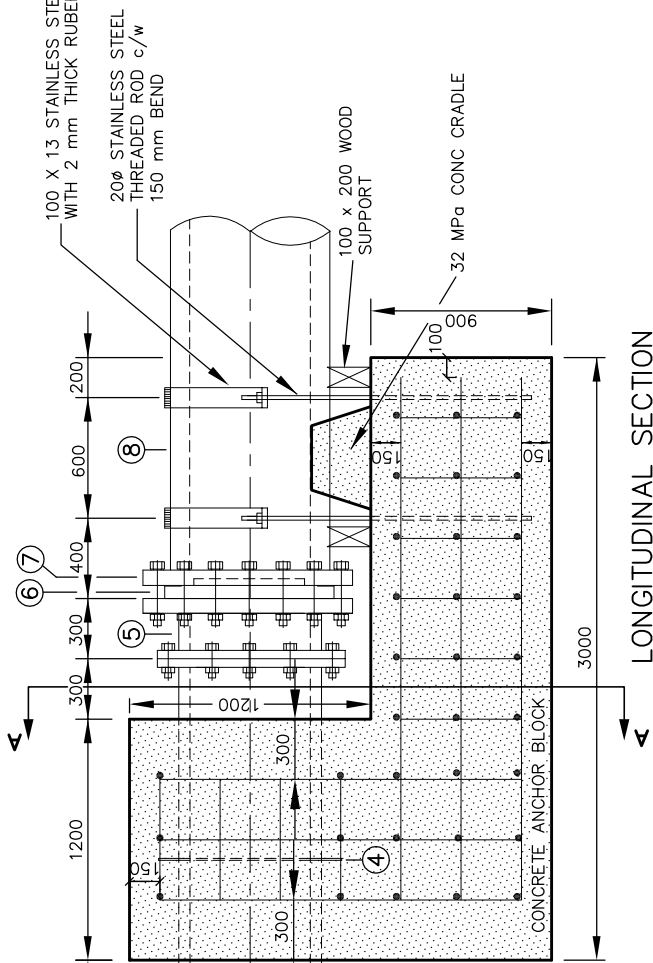


SECTION A-A



LONGITUDINAL SECTION

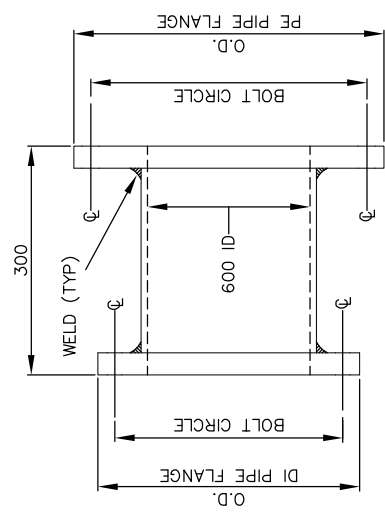
ITEM LEGEND

- ① 600 mm ϕ PVC WATERMAIN
- ② 600 mm ϕ CAST IRON MECHANICAL JOINT SOLID SLEEVE
- ③ 600 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
- ⑤ 600 X 710 TRANSITION SPOOL PIECE (SEE DETAIL THIS PAGE)
- ⑥ BUTT FUSE FLANGE ADAPTER C/W ITEM #7.
- ⑦ SLIP METAL FLANGE.
- ⑧ 710 mm ϕ PE DR11 WATERMAIN

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 600 mm 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 CONCRETE, ALL METALLIC FITTINGS & METALLIC PIPE SHALL HAVE CORROSION PROTECTION.
 5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.



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
 600 PVC TO 710 PE

DRAWN BY: STS/RF	REV No: 2
DATE: 2003-03-03	REV DATE: JAN/2013
SCALE: NTS	CAD/FILE No: A1918-1 (1 OF 1)
APP'D:	GSSD-1100.043