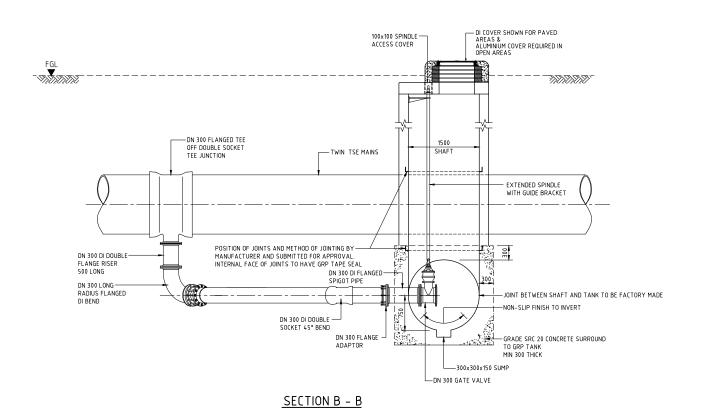
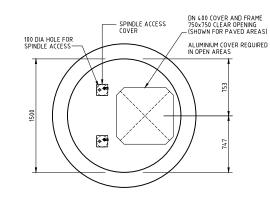
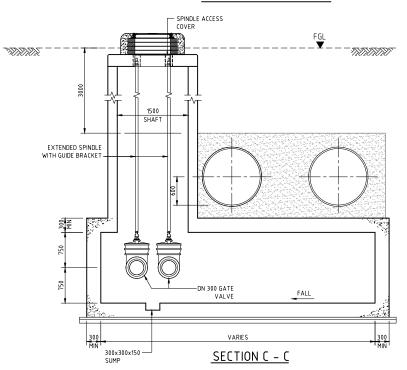


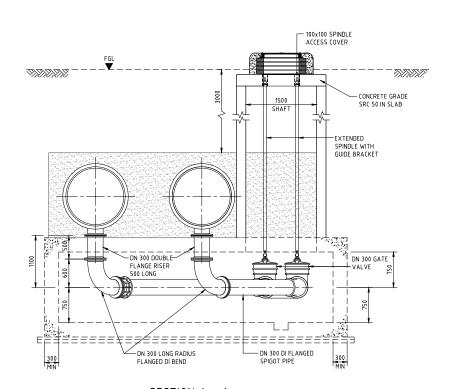
# **PLAN**





### PLAN AT COVER LEVEL





SECTION A - A

#### NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT Q.C.S. UNLESS OTHERWISE AGREED WITH THE ENGINEER.
- ALL JOINTS BETWEEN CONCRETE AND PIPES SHALL BE WATERTIGHT.
- . ALL EXTERNAL FACES TO BE TANKED IN ACCORDANCE WITH SPECIFICATION FOR TANKING DETAILS SEE DRG No. SD 8-4-103.
- ALL INTERNAL SURFACES ARE TO BE COATED AS SPECIFIED IN QCS, USING PAINT COLOUR 00A05 TO BS 4800.
- ALL DUCTILE IRON PIPEWORK TO BE WRAPPED IN ACCORDANCE WITH THE SPECIFICATION.
- . ALL STRUCTURAL CONCRETE SHALL BE MINIMUM GRADE SRC 40 UNLESS OTHERWISE NOTED.
- SEE DRG No SD 8-4-106 FOR STRUCTURAL NOTES.
- 7mm NEOPRENE PAD SHALL BE PLACED BETWEEN ALL VALVES AND CONCRETE SUPPORT PLINTHS.
- ALL PIPES, VALVES AND FITTINGS WITHIN CHAMBERS SHALL BE DUCTILE IRON. SUITABLE FLEXIBLE COUPLINGS SHALL BE USED TO CONNECT TSE MAINS TO THESE DUCTILE IRON PIPES.
- TO CONNECT 15 PAINS TO THESE DUCTLES HOPE PIEZS.

  Y ALLY E SPINDLES TO BE EXTENDED TO 100 BBLOW COVER LEVEL FOR TEE KEY OPERATION. SUPPORT BRACKET FOR SPINDLES TO BE PROVIDED WHEN NECESSARY. VALVE SPINDLE EXTENSIONS ARE NOT REQUIRED WHEN DEPTH TO TOP OF VALVE FROM COVER IS LESS THAN 500.
- 2. THE CONTRACTOR SHALL PROVIDE THE PIPE SCHEDULE OF FITTINGS FOR THE STRUCTURE PRIOR TO PLACEMENT OF THE
- CONCRETE COVER SLAB WITH HEAVY DUTY D.I. COVER TO BE USED WHEN CHAMBER IS SUBJECT TO VEHICLE TRAFFIC, SEE DRG NO. SD 8-4-414.
- CHAMBER SCHEDULE BASED ON EQUAL MAIN DIAMETERS IN CHAMBER, ALL OTHER CHAMBER COMBINATIONS TO BE DESIGNED BASED ON INDIVIDUAL CASES.
- 6. PROVIDE A MINIMUM CLEARANCE OF 300 BETWEEN CHAMBER WALLS AND OUTER FACE OF FLANGE, OR VALVES FOR PIPES LESS THAN 600 DIA. AND 600 CLEARANCE FOR PIPE SIZES 600 DIA AND GREATER.
- ALL BURD FLEXIBLE COUPLINGS, FLANGED ADAPTORS AND OTHER FERROUS FITTINGS TO BE PROTECTED WITH MASTIC FILLER, MASTIC TAPE AND LAMINATED TAPE AS PER QCS.
- 8. ROCKER PIPE LENGTHS TO BE 600 OR 1.5 x DIAMETER WHICHEVER IS THE GREATER.
- CHAMBER SCHEDULES ARE BASED ON DIFITTINGS FROM BS EN 545:2010.
   RETRACTABLE TYPE GRP LADDER WITH SAFETY CAGE IF THE CHAMBER DEPTH IS MORE THAN 3.5 METERS.
- I. CHAMBERS WITH ALUMINUM FRAME & COVERS AND ARE LEVELED ABOVE FINISHED GROUND LEVEL SHALL HAVE ALUMINUM FLASHING OF THE WATER PROOF MEMBRANE AND PROTECTION BOARD.

#### LEGEND:

FA FLANGE ADAPTOR

FC ELEXIBLE COUPLING

INTEGRAL PUDDLE FLANGE

GATE VALVE

DUCTILE IRON

ST SCREED THICKNESS

C/W COMPLETE WITH

FGL FINISHED GROUND LEVEL

5	SEP 19	ISSUED FOR USE		
4	APR 19	ISSUED FOR USE		
3	01 MAR 19	UPDATED ISSUE		
2	16SEP15	ISSUED FOR USE		
1	23JUN15	ISSUED FOR USE		
0	15SEP13	ISSUED FOR USE		
Rev.	Date	Revision Details	Appd.	

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PA PROJECTS AFFAIRS

> Section 8 - Drainage Works Part 4 - Pipeline Installation

## TSE WASHOUT CHAMBER TWIN MAINS

Approved:	Sheet No:	1	OF	1	
Date: APRIL 2019	Scale:	1:	1:25 ON A1		
Drawing Number:	'				Revision:
SD 8-4-411					5