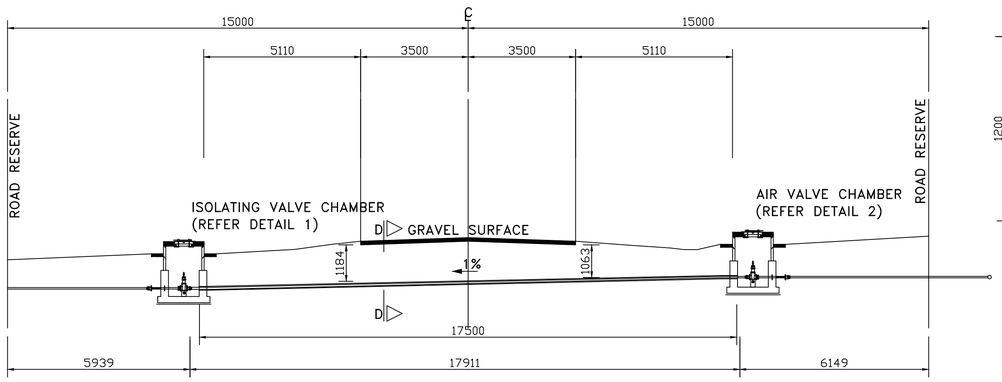
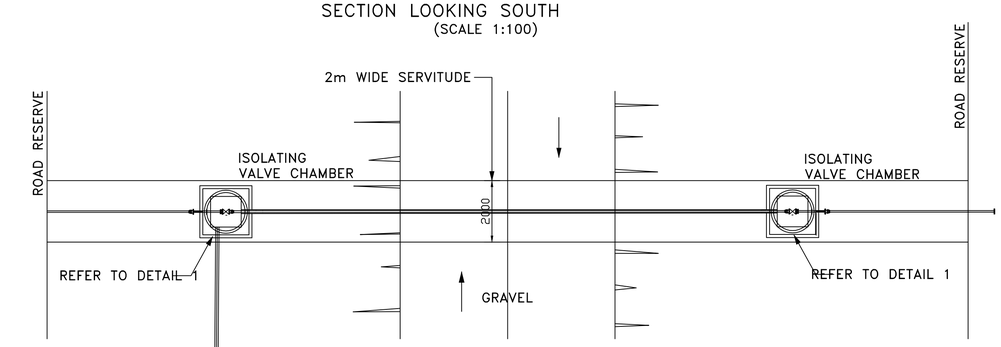
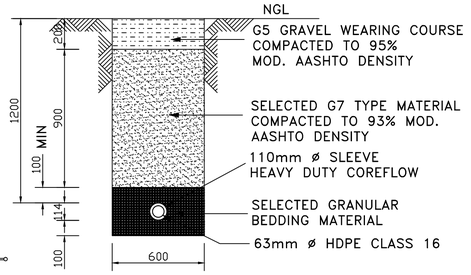


SECTION LOOKING SOUTH
(SCALE 1:100)



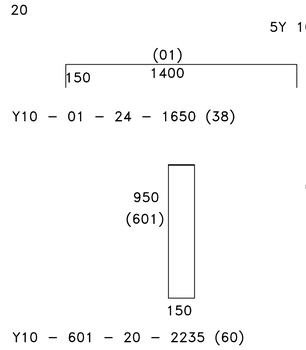
PLAN OF PIPE SLEEVE CROSSING UNDER ROAD
(SCALE 1:100)

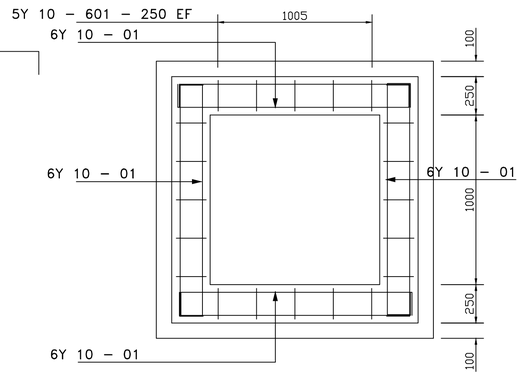


SECTION D–D
SCALE 1 : 20

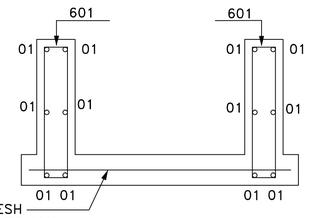
(ALL SPECIALS TO BE SUITABLE FOR 1,6 MPa WORKING PRESSURE.)

ITEM	Diam.	DESCRIPTIONS	SKETCH OF FITTINGS	No. OFF
1	50	GMS PIPE FLANGED BOTH ENDS WITH PUDDLE FLANGE		1
2	50	COMPRESSION FLANGE ADAPTOR		2
3	50	RESILIENT SEAL GATE VALVE CLASS 16		1
4	50	VIKING JOHNSON FLANGE ADAPTOR		1

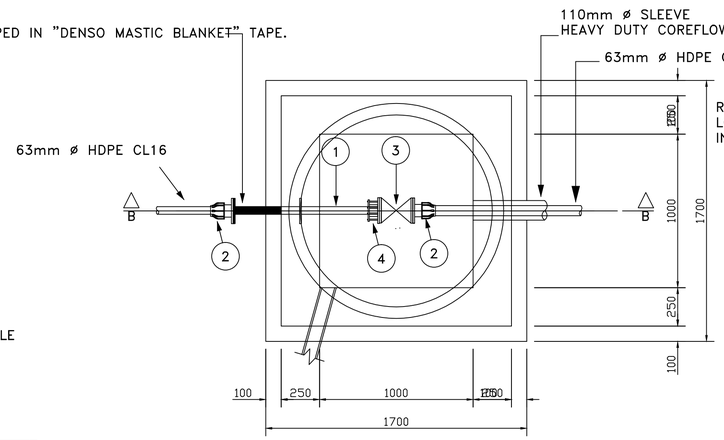




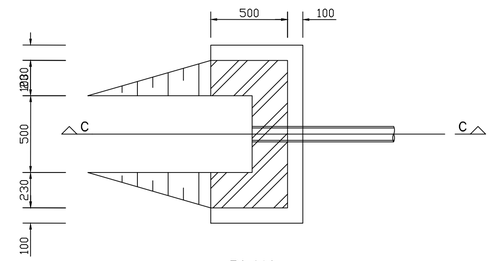
PLAN OF REINFORCING TO CHAMBER BASE



SECTION B–B

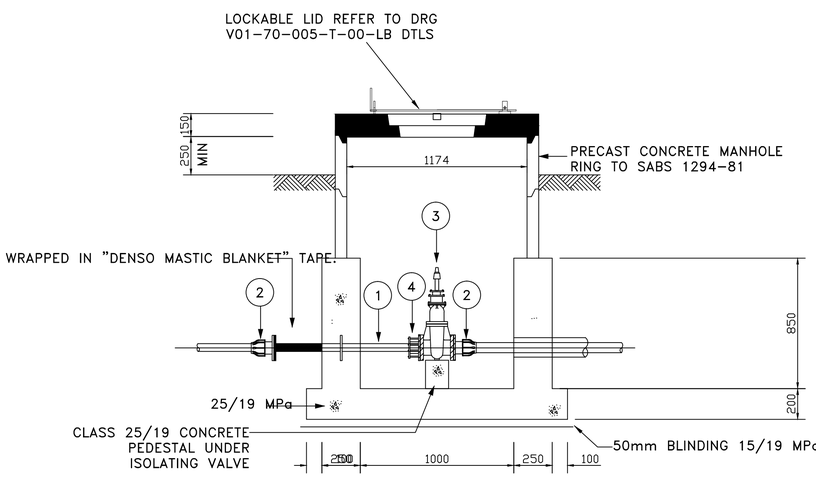


DETAIL 1
SCALE 1:20

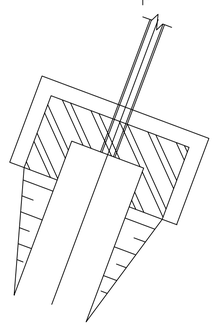


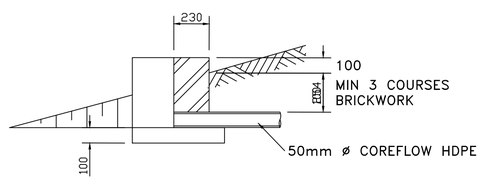
PLAN

DETAIL 3
(SCALE 1:20)



SECTION B–B
SCALE 1:20





SECTION C–C

NOTES

1. ALL DIMENSIONS IN MILLIMETRES
2. CONCRETE TO BE CLASS 15/19 UNLESS OTHERWISE SPECIFIED
3. COVER TO REINFORCEMENT TO BE 50mm
4. ALL FLANGES TO MINIMUM 1 600 kPA OR TO SUIT PIPE CLASS
5. ALL THREADS TO BSP STANDARDS
6. ALL BURIED FITTINGS AND HINGES TO BE WRAPPED IN "DENSO MASTIC BLANKET" TAPE
7. ALL STEEL COMPONENTS INCLUDING BOLTS GALVANISED TO ISO 1461 : 2000
8. ENGINEER TO BE CONSULTED IN RESPECT OF APPROPRIATENESS OF DESIGN FOR PIPE PRESSURE OVER CLASS 16
9. ALL WELDS TO BE FULL PENETRATION TO BS 534 AND FILLET WELD TO BE BOX OF WALL THICKNESS OR WITH A MINIMUM OF 5mm

LOCALITY

Coordinate System
Projection Used: CARTESIAN
Projection Used: NONE

No	Description	Date By

REVISIONS

Recommended by — Date

Approved by — Date

Drawn	Designed
AM	DP
Checked	Engineer
DP	DP
Client App.	Date
	2012/11/29

Scale: AS SHOWN

Client: ZULULAND DISTRICT MUNICIPALITY

X:\Logos\90zdm_logo VERTICAL.bmp

ENGINEERS & PROJECT MANAGERS
DLV
201 Hlobane Street Vryheid
P.O. Box 1460
Vryheid 3100
Tel: 034 980 7242
Fax: 034 983 2765
Email: deon@dlveng.co.za

Contract: NKONJENI RWSS: INSTALLATION OF RISING MAIN FROM AH TO AK

Title: DETAILS OF PIPE SLEEVE AND ROAD CROSSING FOR 50 TO 75MM Ø HDPE PIPES

Drawing No: V01-70-006-T-00-RD CR DTL

Rev No: 00