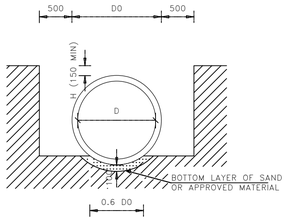
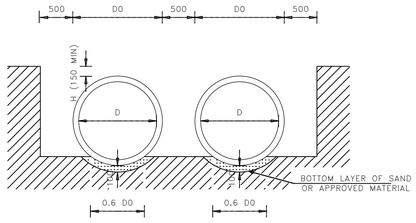
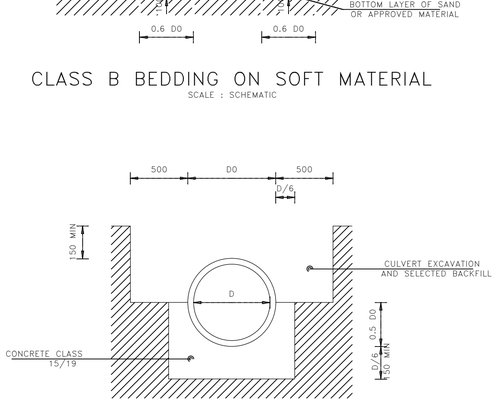


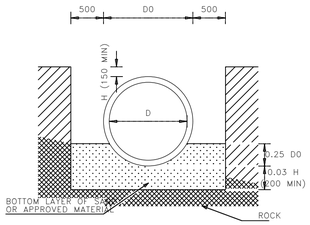
CLASS B BEDDING ON SOFT MATERIAL (SINGLE PIPE)
SCALE : SCHEMATIC



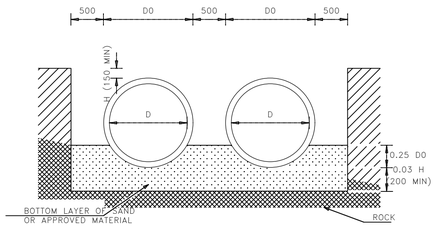
CLASS B BEDDING ON SOFT MATERIAL
SCALE : SCHEMATIC



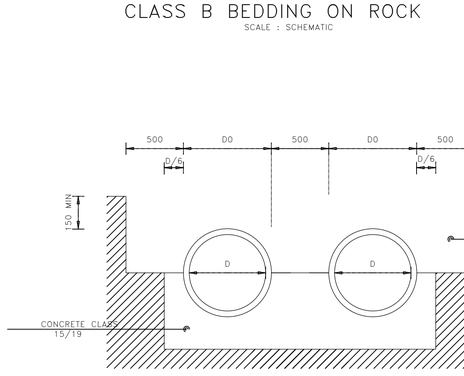
CLASS A BEDDING
SCALE 1:25



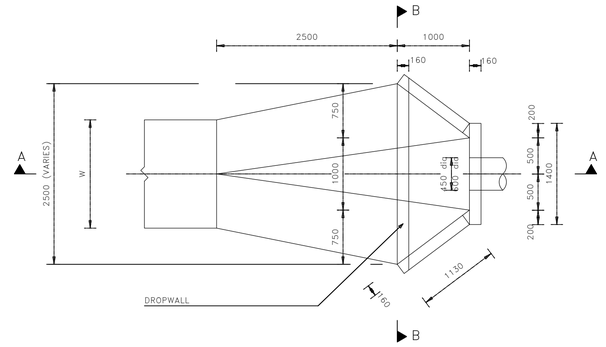
CLASS B BEDDING ON ROCK (SINGLE PIPE)
SCALE : SCHEMATIC



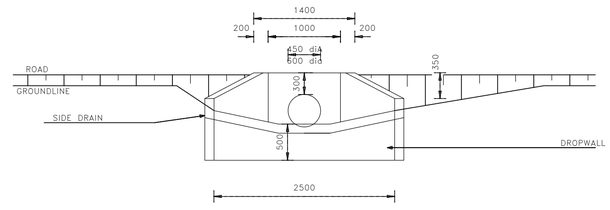
CLASS B BEDDING ON ROCK
SCALE : SCHEMATIC



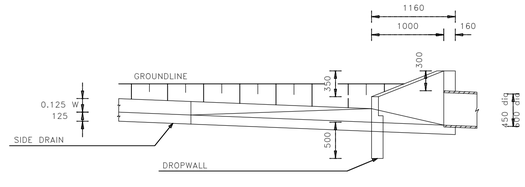
CLASS A BEDDING
SCALE 1:25



PLAN OF DRAINAGE UNDER FARM ACCESS ROADS
SCALE 1:25



ELEVATION B–B (DRAINAGE UNDER FARM ACCESS ROADS)
SCALE 1:25



SECTION A–A (DRAINAGE UNDER FARM ACCESS ROADS)
SCALE 1:25

NOTES

1 .01 ALL CONCRETE PIPE CULVERTS SHALL COMPLY WITH THE REQUIREMENTS OF SA.B.S 677.

1 .02 THE PIPE CLASS MUST BE DETERMINED FROM THE WEIGHT OF THE PRISM OF FILL ABOVE THE CULVERT PLUS THE SNABC LOADINGS IN ACCOARDANCE WITH TMH 7 (PARTS 1&2) "CODE OF PRACTICE FOR THE DESIGN OF HIGHWAY BRIDGES AND CULVERTS IN SOUTH AFRICA" AND STATED IN THE DRAINAGE SCHEDULE.

1. 03 THE MAXIMUM WHEEL LOAD ALLOWED ON THE PIPE IS 90KN WITH A MINUMUM FILL OF 150mm ON TOP OF THE PIPE FOR BOTH BEDDING CONDITIONS AND ALL PIPE DIAMETERS AS SHOWN.

1 .04 ALL INFORMATION REGARDING A SPECIFIC PIPE CULVERT APPEARS ON THE DRAINAGE SCHEDULE OF THE ROAD.

1 .05 CONCRETE BACKFILL CLASS 15/19.

REVISIONS

DATE	INIT	DESCRIPTION

PROJECT NAME
UPGRADING OF KWAGGAFONTEIN STADIUM WARD 25/26

THLM/SCM08/2020/TS1G–1

PROJECT TITLE

PIPE CULVERT DETAILS

CLIENT:

THEMBISILE HANI LOCAL MUNICIPALITY
Private bag X 0458,Empumalanga, 0458
Tel: 013 986 9100 Fax: 013 986 0995

CONSULTANT:

PHAMELA ENGINEERING SERVICES
Unit 101,Office Park,90 Schoeman Street, Polokwane, 0966
Tel: 015 065 0585 Fax: 086 669 6824

SCALE ON REDUCED DRAWING

80mm SCALE ON ORIGINAL DRAWING

DRAWN	CHECKED
VUWANI LYDIA RATSHIBVUMO	FIDELIS BALOYI–Pr.Eng
APPROVED	
DATE: DECEMBER 2019	SCALE: AS SHOWN

DWG No.
THLM/12/2019/PCD/SD/01

REVISION 0