



- NOTES:**
1. ALL CONCRETE PIPE CULVERTS SHALL COMPLY WITH THE REQUIREMENTS OF S.A.B.S. 677.
  2. THE PIPE CLASS MUST BE DETERMINED FROM THE WEIGHT OF THE PRISM OF FILL ABOVE THE CULVERT PLUS THE SNABC LOADINGS IN ACCORDANCE 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.
  3. THE MAXIMUM WHEEL LOAD ALLOWED ON THE PIPE IS 90KN WITH A MINIMUM FILL OF 150mm ON TOP OF THE PIPE FOR BOTH BEDDING CONDITIONS AND ALL PIPE DIAMETERS AS SHOWN.
  4. ALL INFORMATION REGARDING A SPECIFIC PIPE CULVERT APPEARS ON THE DRAINAGE SCHEDULE OF THE ROAD.
  5. CONCRETE BACKFILL CLASS 15/19.
  6. ALL TRENCH BASES TO BE INSPECTED AND TESTED PRIOR TO INSTALLATION OF THE PIPE.

<p style="text-align: center; border: 1px solid black; padding: 5px;">FOR PRELIMINARY</p>				DESIGNED BY	SM NXUMALO (Pr. Technician)	<b>Palabora Copper (Pty) Limited</b> PO Box 65 1 Copper Road 1389 TEL: (015) 780 2911 FAX: (015) 780 2053	<b>HAYELENI CONSULTING ENGINEERS</b> 12 BICCARD STREET BIOCARD HEIGHTS OFFICE 17 POLOKWANE 0699 TEL: (015) 297 7434 FAX: (086) 244 8999	CLIENT	DATE	PLM 00/2019 UPGRADING OF P43/3 ROAD Ga-SELWANA ACCESS ROAD STANDARD DETAILS TYPICAL PLAN FOR PIPE CULVERT	CONSULTANT'S DRAWING NUMBER HCE 000/2019/001	SHEET 24 of 37 AS SHOWN CLIENT DRAWING NUMBER PLM 000/2019/001
				CHECKED BY	LG NGCOBO (Pr. Technologist)			DRAWN BY	F BALOYI (Candidate Technician)		CONSULTING ENGINEER	DATE
No	DATE	REVISION 1	CONSULT	DIR								