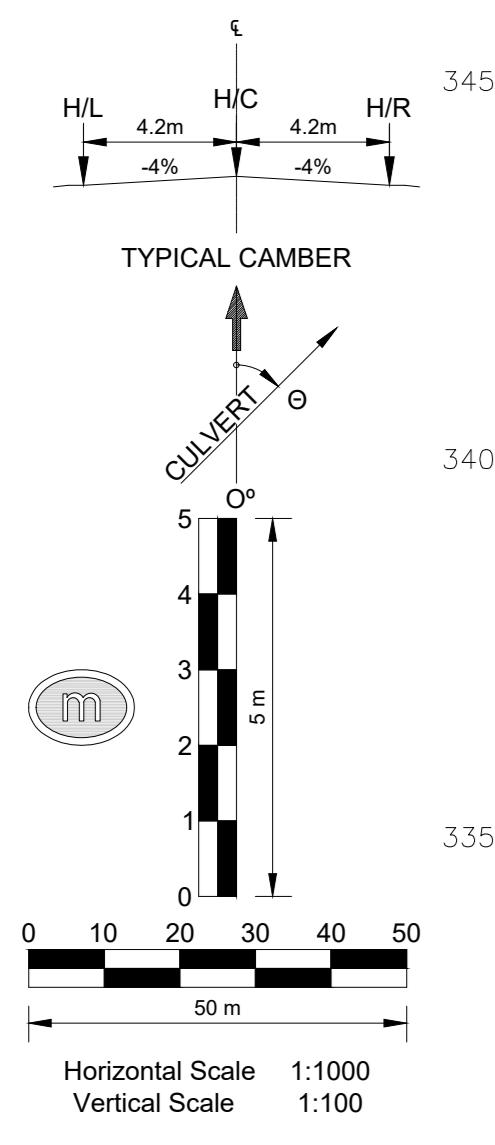
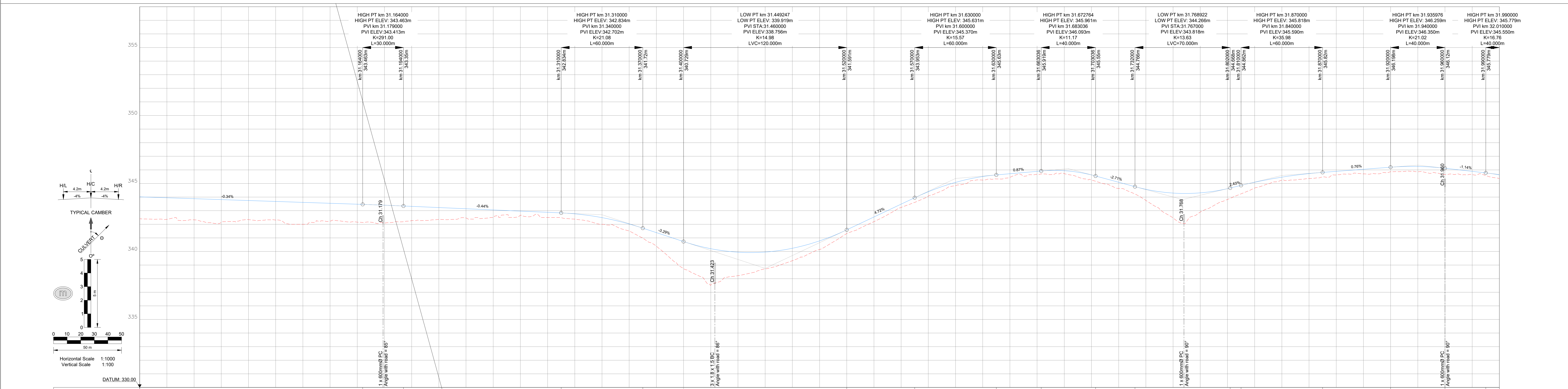


NODE	Y-COORDINATES	X-COORDINATES
C70 - LEFT	-19256.961	2567410.407
C70 - RIGHT	-19254.228	2567419.776
C71 - LEFT	-19480.259	2567443.692
C71 - RIGHT	-19482.016	2567453.942
C72 - LEFT	-19722.713	2567413.687
C72 - RIGHT	-19723.285	2567424.652
C73 - LEFT	-20061.775	2567481.253
C73 - RIGHT	-20056.744	2567493.023
C74 - LEFT	-20238.894	2567556.498
C74 - RIGHT	-20233.579	2567564.968



VERTICAL CURVES	LEFT EDGE (4.2m)	DESIGN CENTRE LINE LEVELS	RIGHT EDGE (4.2m)	GROUND LEVELS AT GRADE LINE	CHAINAGE (m)	HORIZONTAL ALIGNMENT	SUPER ELEVATION	GUARDRAILS	SIDE DRAINS	CULVERTS
-0.34% VCL=260 m K=291.0 Angle with road = 85°	343.950	343.950	343.950	343.950	31000	R=260.00m L=38.38m				C71 KM 31.179 1 x 600mm Ø PC
-0.44% VCL=60 m K=21.1	343.950	343.950	343.950	343.950	31020	STRAIGHT L=101.777m 277' 49" 17"				
-3.29% VCL=90 m K=15.0	343.950	343.950	343.950	343.950	31040	R=700.00m L=52.82m				
4.72% VCL=60 m K=15.6	343.950	343.950	343.950	343.950	31060	STRAIGHT L=111.61m L=11.74m 27' 11" 08"				
0.87% VCL=40 m K=11.2	343.950	343.950	343.950	343.950	31080	R=200.00m L=30.60m				
-2.71% VCL=40 m K=11.2	343.950	343.950	343.950	343.950	31100	STRAIGHT L=44.779m 282' 99" 94"				
2.43% VCL=60 m K=36.0	343.950	343.950	343.950	343.950	31120	R=400.00m L=21.86m				
0.76% VCL=40 m K=21.0	343.950	343.950	343.950	343.950	31140	STRAIGHT L=90.007m 295' 01" 14"				
-1.14% VCL=40 m K=16.8	343.950	343.950	343.950	343.950	31160	R=130.00m L=27.17m				

TECHNICAL SERVICES DEPARTMENT
KRUGER NATIONAL PARK
DRAWING OFFICE (DNP)
Tel: (013) 735 3448

DESIGNED BY: A.J. NEL
CHECKED BY: C.J. SMIT
DRAWN BY: J. VAN DYK
CHECKED BY: C.J. SMIT

APPROVED BY: _____

SEN. MAN. CIVIL & BUILDING
SEN. MAN. ELECTRO & MECHANICAL
SEN. MAN. ROADS & MAINTENANCE
MAN. PLANNING & DESIGN
CLIENT

SERVICE: **ROADS**
PROJECT: **SHANGONI ROAD PH 1**
TITLE: **ROADS - LONGSECTION: CH-31+000 TO CH-32+000**

DATE: **APRIL 2024**
SCALE: **1:1000**
CAD FILE NAME: **EN3587R/3/033.dwg**
PAPER SIZE: **A0**

CONSULTANT DWG. NO.: **EN/3587/R/3/033**
CLIENT DWG. NO.: **P09/R/3/033**

SCALE REF. METER