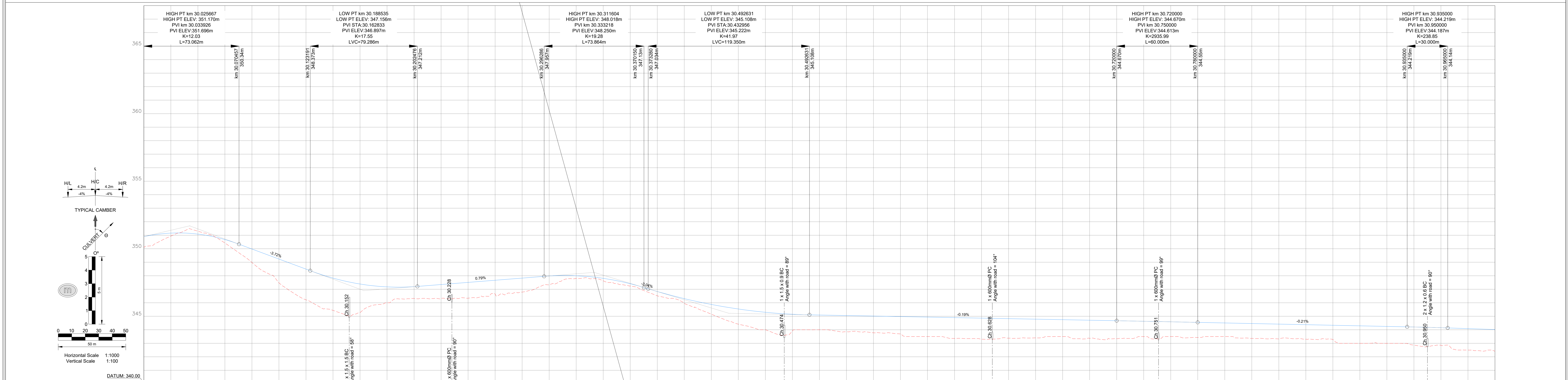
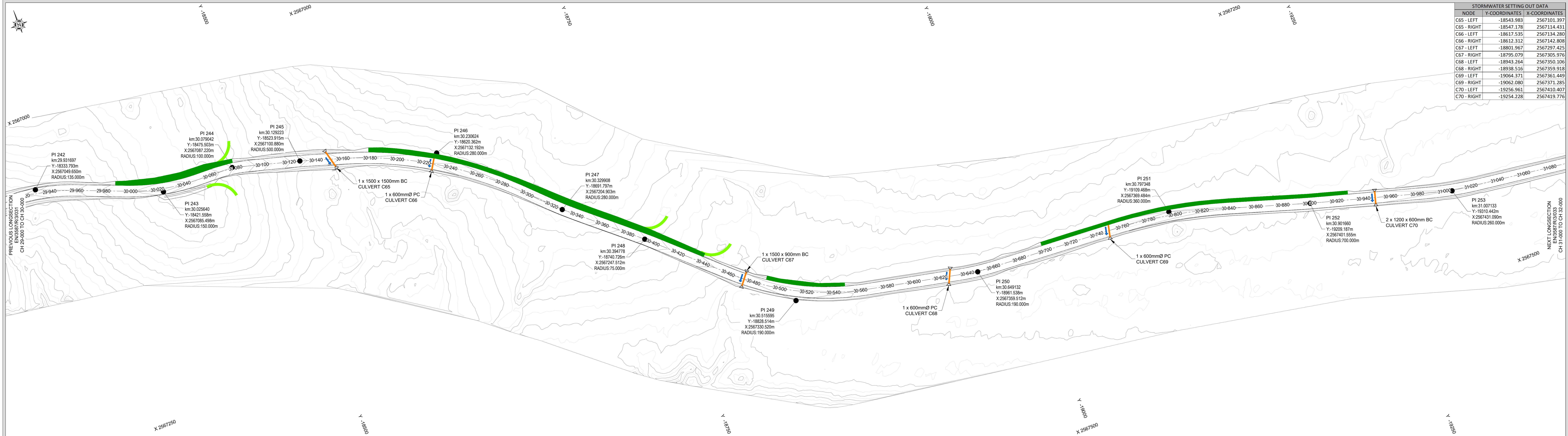


NODE	Y-COORDINATES	X-COORDINATES
C65 - LEFT	-18543.983	2567101.397
C65 - RIGHT	-18547.178	2567114.431
C66 - LEFT	-18617.535	2567134.280
C66 - RIGHT	-18612.312	2567142.808
C67 - LEFT	-18801.967	2567297.425
C67 - RIGHT	-18795.079	2567305.976
C68 - LEFT	-18943.264	2567350.106
C68 - RIGHT	-18938.516	2567359.918
C69 - LEFT	-19064.371	2567361.449
C69 - RIGHT	-19062.080	2567371.285
C70 - LEFT	-19236.961	2567410.407
C70 - RIGHT	-19254.228	2567419.776



VERTICAL CURVES	VCL-73 m K=12.0	VCL-79 m K=17.6	VCL-74 m K=19.3	VCL-119 m K=42.0	VCL-100 m K=238.6	VCL-30 m K=238.6
LEFT EDGE (4.2m)	350.925	347.031	347.031	344.618	344.618	344.618
DESIGN CENTRE LINE LEVELS	350.988	347.031	347.031	344.618	344.618	344.618
RIGHT EDGE (4.2m)	350.925	347.031	347.031	344.618	344.618	344.618
GROUND LEVELS AT GRADE LINE	350.925	347.031	347.031	344.618	344.618	344.618
CHAINAGE (m)	30000	30000	30000	30000	30000	30000
HORIZONTAL ALIGNMENT	STRAIGHT L=14.03m L=13.38m	STRAIGHT L=23.30m L=24.31m	STRAIGHT L=22.65m L=21.78m	STRAIGHT L=102.85m L=103.14m	STRAIGHT L=69.25m L=27.98m	STRAIGHT L=76.88m L=38.30m
SUPER ELEVATION						
GUARDRAILS						
SIDE DRAINS						
CULVERTS	C65 KM 30.228 1 x 1500 x 1500 BC	C66 KM 30.228 1 x 600mm Ø PC	C67 KM 30.474 1 x 1500 x 900 BC	C68 KM 30.628 1 x 600mm Ø PC	C69 KM 30.751 1 x 600mm Ø PC	C70 KM 30.950 2 x 1200 x 600 BC

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-30+000 TO CH-31+000**

DATE: APRIL 2024
SCALE: 1:1000
CAD FILE NAME: EN3587R/3/032.dwg
PAPER SIZE: A0
CONSULTANT DWG. NO.: EN3587R/3/032
CLIENT DWG. NO.: P09/R/3/032