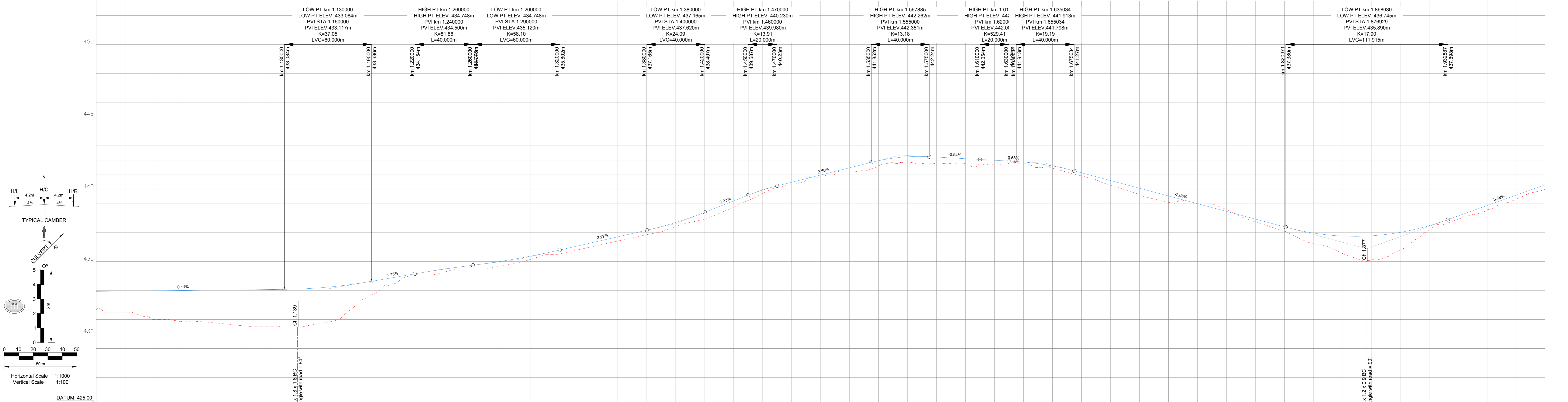
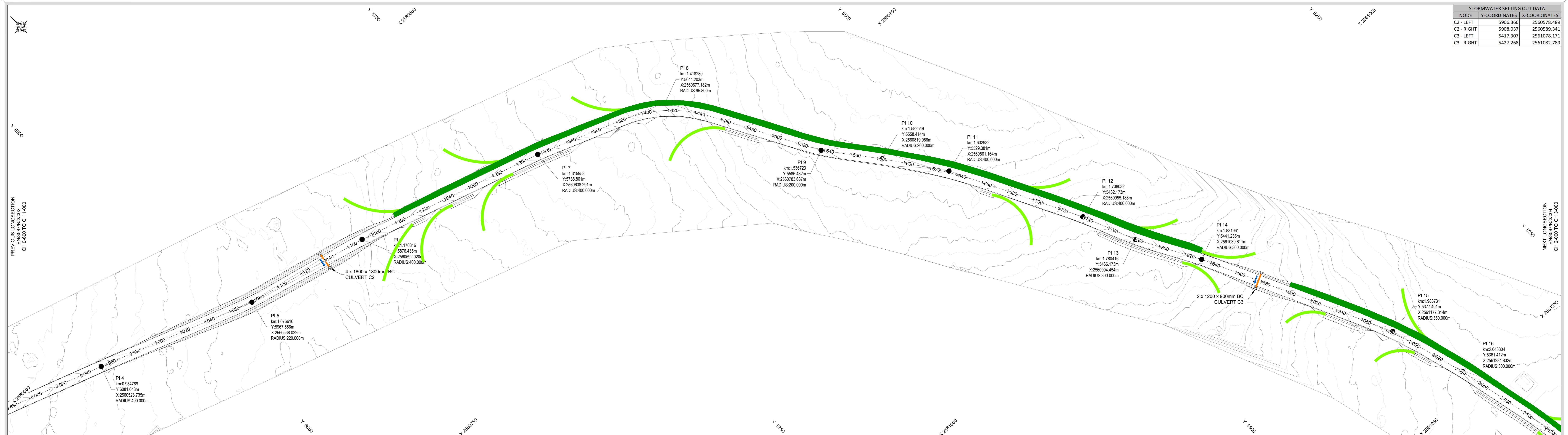
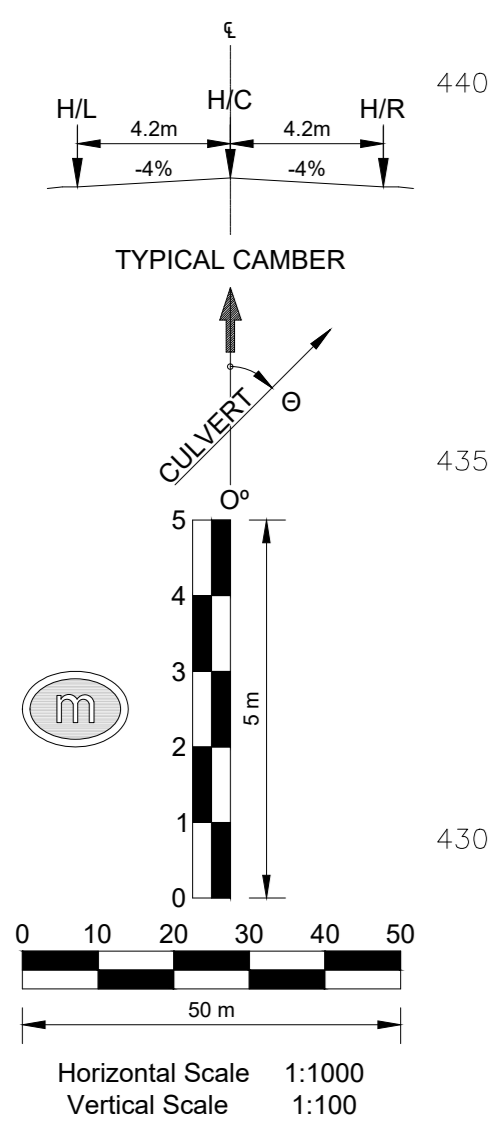


STORMWATER SETTING OUT DATA		
NODE	Y-COORDINATES	X-COORDINATES
C2 - LEFT	5905.366	250578.489
C2 - RIGHT	5908.037	250589.341
C3 - LEFT	5417.307	256108.171
C3 - RIGHT	5427.268	256108.789



VERTICAL CURVES	0.11%	VCL=60 m K=37.0	1.73%	VCL=40 m K=19.9	Vertical	VCL=40 m K=58.1	2.27%	VCL=40 m K=24.1	3.93%	VCL=20 m K=13.9	2.50%	VCL=40 m K=13.2	-0.54%	VCL=20 m K=520.4	-0.56%	VCL=40 m K=19.2	-2.66%	VCL=112 m K=117.9	3.59%																					
LEFT EDGE (4.2m)	431.073	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775																				
DESIGN CENTRE LINE LEVELS	431.073	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775																				
RIGHT EDGE (4.2m)	431.073	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775																				
GROUND LEVELS AT GRADE LINE	431.073	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775	432.941	432.775																				
CHAINAGE (m)	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000																			
HORIZONTAL ALIGNMENT	STRAIGHT L=105.00m L=25.20m		STRAIGHT L=89.224m L=26.77m		STRAIGHT L=118.074m L=28.15m		STRAIGHT L=119.074m L=28.15m		STRAIGHT L=119.074m L=28.15m		STRAIGHT L=119.074m L=28.15m		STRAIGHT L=119.074m L=28.15m		STRAIGHT L=119.074m L=28.15m		STRAIGHT L=119.074m L=28.15m		STRAIGHT L=119.074m L=28.15m		STRAIGHT L=119.074m L=28.15m																			
SUPER ELEVATION	-4%										+4%																													
GUARDRAILS																																								
SIDE DRAINS	NO SIDE DRAIN CH 0.540 TO 1.200										LEFT CH 1.200 TO 1.830										NO SIDE DRAIN CH 1.830 TO 1.900										LEFT CH 1.900 TO 2.360									
CULVERTS	C2 KM 1.139 4 x 1800 x 1800 BC																																							



TECHNICAL SERVICES DEPARTMENT
KRUGER NATIONAL PARK
DRAWING OFFICE (KNP)
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: [Signature]

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

SERVICE: **ROADS**
FOR TENDER PURPOSES

PROJECT: **SHANGONI ROAD PH 1**

TITLE: **ROADS - LONGSECTION:
CH-1+000 TO CH-2+000**

DATE: **APRIL 2024**
SCALE: **1:1000**
CAD FILE NAME: **EN3587R/3/003.dwg**
PAPER SIZE: **A0**

CONSULTANT DWG. NO.: **EN3587R/3/003**
CLIENT DWG. NO.: **P09/R/3/003**