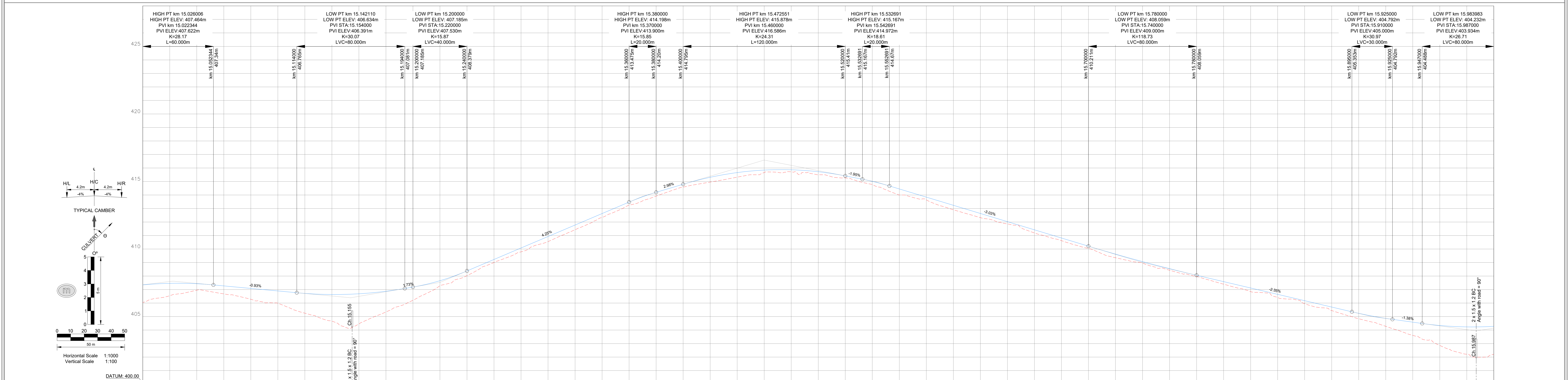
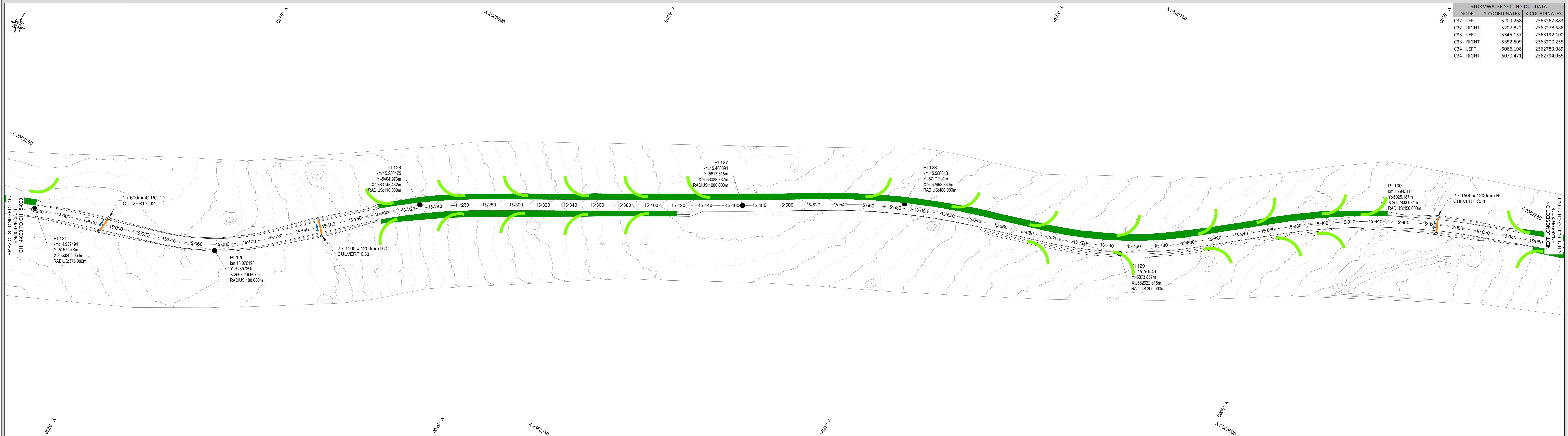


STORMWATER SETTING OUT DATA		
NODE	Y-COORDINATES	X-COORDINATES
C32 - LEFT	-5209.268	2563167.883
C32 - RIGHT	-5207.822	2563178.686
C33 - LEFT	-5345.157	2563192.100
C33 - RIGHT	-5352.509	2563200.255
C34 - LEFT	-6066.108	2562783.989
C34 - RIGHT	-6070.471	2562794.065



VERTICAL CURVES	VCL=60 m K=28.2	VCL=40 m K=30.1	VCL=40 m K=15.9	VCL=20 m K=15.8	VCL=120 m K=24.3	VCL=20 m K=18.6	VCL=80 m K=18.7	VCL=30 m K=31.0	VCL=40 m K=26.7	
LEFT EDGE (4.2m)	407.172	407.344	407.172	407.172	407.172	407.172	407.172	407.172	407.172	
DESIGN CENTRE LINE LEVELS	407.285	407.457	407.285	407.285	407.285	407.285	407.285	407.285	407.285	
RIGHT EDGE (4.2m)	407.285	407.457	407.285	407.285	407.285	407.285	407.285	407.285	407.285	
GROUND LEVELS AT GRADE LINE	406.853	406.853	406.853	406.853	406.853	406.853	406.853	406.853	406.853	
CHAINAGE (m)	15000	15000	15000	15000	15000	15000	15000	15000	15000	
HORIZONTAL ALIGNMENT	STRAIGHT L=1497.2m 253° 42' 27"	R=180.00m L=80.87m	STRAIGHT L=150.00m 227° 37' 54"	R=410.00m L=91.46m	STRAIGHT L=1564.3m 246° 44' 47"	R=1000.00m L=12.46m	STRAIGHT L=1569.51m 246° 01' 53"	R=480.00m L=113.83m	STRAIGHT L=1560.00m 233° 37' 51"	R=300.00m L=115.16m
SUPER ELEVATION	NO SIDE DRAIN CH 14.940 TO 15.200									
GUARDRAILS	BOTH SIDES CH 15.200 TO 15.420									
SIDE DRAINS	LEFT CH 15.420 TO 16.060									
CULVERTS	C33 KM 15.155 2 x 1500 x 1200 BC 90°									

(REF FOLDER: X:02 PROJECTS\3000\3500 - 3599\N3587EN - SHANGONI ROAD KNP\1 DESIGN PHASE\F DRAWINGS\TENDER\EN3587R301-038.DWG)

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: 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-15+000 TO CH-16+000	DATE: APRIL 2024 SCALE: 1:1000 CAD FILE NAME: EN3587R301-038.dwg PAPER SIZE: A0	CONSULTANT DWG. NO.: EN/3587/R/3/017 CLIENT DWG. NO.: P09/R/3/017
	Rev Date By Description AMENDMENTS						