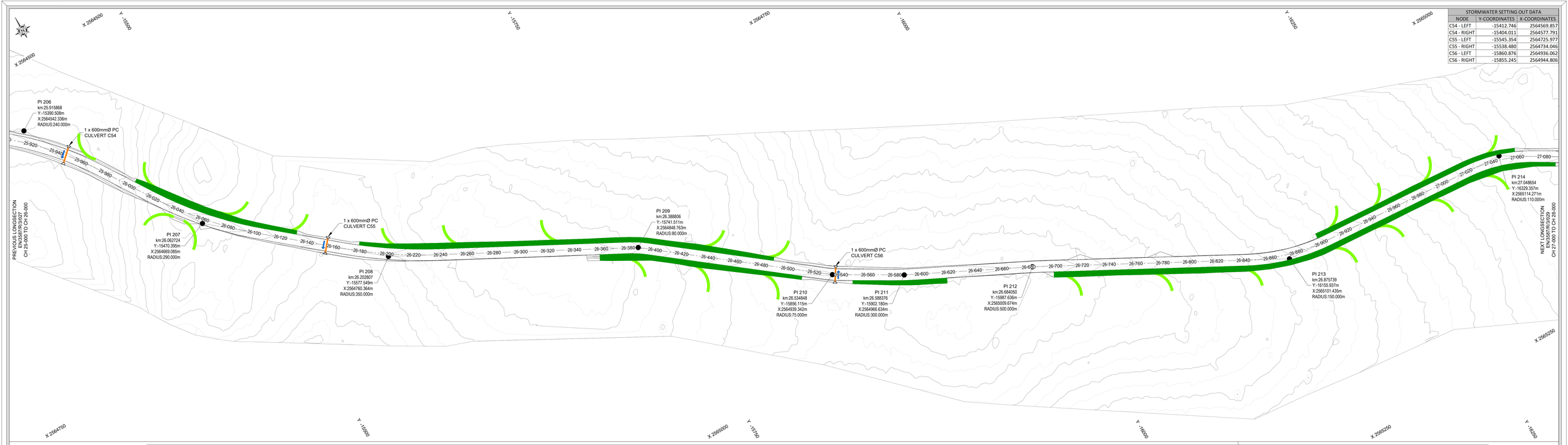
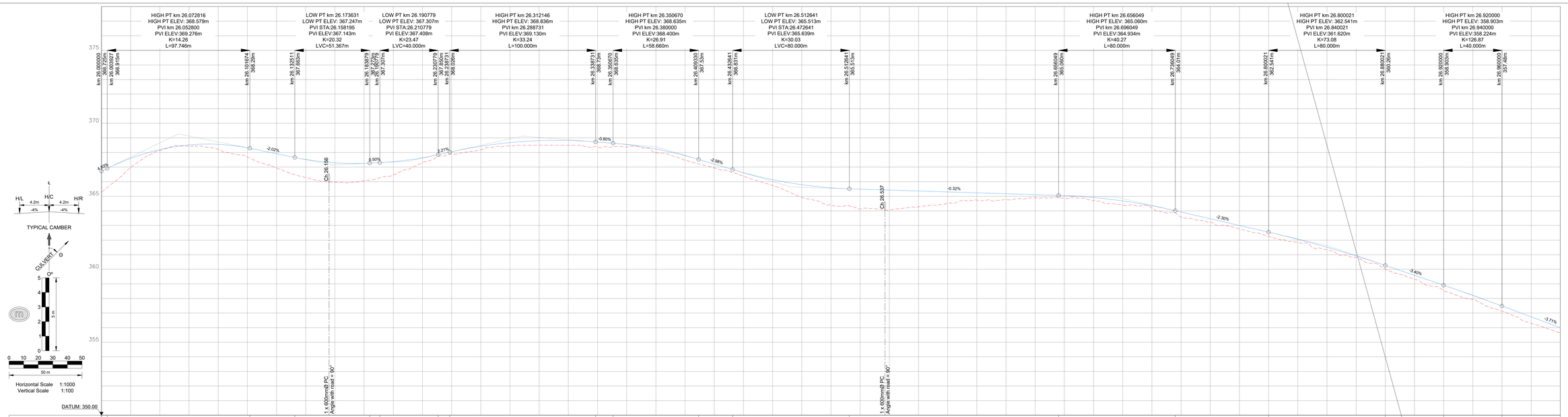
STORMWATER SETTING OUT DATA		
NODE	Y-COORDINATES	X-COORDINATES
C54 - LEFT	-15412.746	2564569.857
C54 - RIGHT	-15404.011	2564577.791
C55 - LEFT	-15545.354	2564725.977
C55 - RIGHT	-15538.480	2564734.046
C56 - LEFT	-15860.876	2564936.062
C56 - RIGHT	-15855.245	2564944.806





VERTICAL CURVES	VCL=60 m K=41.5	VCL=98 m K=14.3	-2.02%	VCL=51 m K=20.3	0.50%	VCL=40 m K=23.5	2.21%	VCL=100 m K=33.2	-0.80%	VCL=59 m K=26.9	-2.98%	VCL=80 m K=30.0	-0.32%	VCL=80 m K=40.3	-2.30%	VCL=80 m K=73.1	-3.40%	VCL=40 m K=126.9	-3.71%
LEFT EDGE (4.2m)	368.657	367.428 / 368.031 / 368.353 / 368.393 / 368.149	367.748	367.369	367.128	367.092	367.204	367.469	367.885	368.254	368.509	368.644	368.653	368.652	368.374	368.070	367.612	367.040	366.456
DESIGN CENTRE LINE LEVELS	368.729	367.601 / 368.201 / 368.521 / 368.561 / 368.320	367.918	367.525	367.292	367.257	367.372	367.637	368.053	368.427	368.681	368.814	368.827	368.792	368.544	368.245	367.788	367.209	366.621
RIGHT EDGE (4.2m)	368.657	367.428 / 368.031 / 368.353 / 368.392 / 368.148	367.748	367.369	367.128	367.092	367.204	367.469	367.885	368.254	368.509	368.644	368.653	368.652	368.374	368.070	367.612	367.040	366.456
GROUND LEVELS AT GRADE LINE	365.276	365.876 / 368.125 / 368.456 / 368.216 / 367.679	366.930	366.284	365.974	365.079	366.459	367.310	367.899	368.186	368.452	368.501	368.501	368.374	368.386	367.964	367.474	366.842	365.377
CHAINAGE (m)	26000	26020 / 26040 / 26060 / 26080 / 26100	26120	26140	26160	26180	26200	26220	26240	26260	26280	26300	26320	26340	26360	26380	26400	26420	26440
HORIZONTAL ALIGNMENT	STRAIGHT L=41.132m 327° 46' 40" 25977m	26018m R=290.00m L=87.82m	STRAIGHT L=59.430m 310° 25' 34" 26106m	26166m R=350.00m L=73.88m				STRAIGHT L=142.202m 298° 19' 52" 26240m		26382m R=80.00m L=13.95m	26396m STRAIGHT L=134.053m 308° 19' 18"							26530m R=75.00m L=10.05m	26540m STRAIGHT L=38.265m 300° 38' 41" 26578m
SUPER ELEVATION																			
GUARDRAILS																			
SIDE DRAINS	LEFT CH 25.550 TO 26.360										BOTH SIDES CH 26.360 TO 26.540							RIGHT CH 26.540 TO 26.620	
CULVERTS	C55 KM 26.156 1 x 600mmØ PC 90°																		

VERTICAL CURVES	R=300.00m L=20.48m	-0.32%	R=500.00m L=16.30m	-2.30%	R=150.00m L=63.79m	-3.40%	-3.71%
LEFT EDGE (4.2m)	365.322	365.269 / 365.196 / 365.152 / 365.099 / 365.006 / 364.943	364.875	364.744 / 364.511 / 364.179	363.754	363.284 / 362.854 / 362.373	362.541 / 361.883 / 361.339 / 360.745 / 360.094 / 359.415 / 358.735
DESIGN CENTRE LINE LEVELS	365.490	365.427 / 365.364 / 365.330 / 365.237 / 365.174 / 365.111	365.048	364.914 / 364.682 / 364.351	363.922	363.462 / 363.032 / 362.552	362.058 / 361.511 / 360.914 / 360.262 / 359.583 / 358.903
RIGHT EDGE (4.2m)	365.322	365.269 / 365.196 / 365.152 / 365.099 / 365.006 / 364.943	364.875	364.744 / 364.511 / 364.179	363.754	363.284 / 362.854 / 362.373	361.886 / 361.007 / 361.082 / 360.430 / 359.583 / 358.735
GROUND LEVELS AT GRADE LINE	365.322	364.968 / 364.893 / 364.846 / 364.741 / 364.767 / 364.892	364.852	364.700 / 364.403 / 364.190	363.564	363.201 / 362.783 / 362.256	361.825 / 361.344 / 360.801 / 360.005 / 359.311 / 358.546
CHAINAGE (m)	26460	26480 / 26500 / 26520 / 26540 / 26560 / 26580	26600	26620 / 26640 / 26660	26680	26700 / 26720 / 26740	26760 / 26780 / 26800 / 26820 / 26840 / 26860 / 26880 / 26900 / 26920 / 26940 / 26960 / 26980 / 27000
HORIZONTAL ALIGNMENT	26599m STRAIGHT L=77.288m 296° 43' 57"	26676m R=500.00m L=16.30m	26692m STRAIGHT L=151.157m 298° 36' 00"	26843m R=150.00m L=63.79m	26907m STRAIGHT L=115.175m 274° 14' 00"		
SUPER ELEVATION							
GUARDRAILS							
SIDE DRAINS	RIGHT CH 26.620 TO 26.700	NO SIDE DRAIN CH 26.620 TO 26.700	RIGHT CH 26.700 TO 26.900			BOTH SIDES CH 26.900 TO 27.060	
CULVERTS	C56 KM 26.537 1 x 600mmØ PC 90°						

(REF FOLDER: X:\02 PROJECTS\3000\3500 - 3599\N3587EN - SHANGONI ROAD KNP\1 DESIGN PHASE\F DRAWINGS\TENDER\ROADS\EN3587R3001-038.DWG)

Rev	Date	By	Description

AMENDMENTS

South African NATIONAL PARKS

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

HOD TECH SERVICES	SEN. MAN. CIVIL & BUILDING	SEN. MAN. ELECTRO & MECHANICAL	SEN. MAN. ROADS & MAINTENANCE	MAN. PLANNING & DESIGN	CLIENT
DATE:	DATE:	DATE:	DATE:	DATE:	DATE:

SERVICE: ROADS
FOR TENDER PURPOSES

PROJECT: SHANGONI ROAD PH 1

TITLE: ROADS - LONGSECTION: CH-26●000 TO CH-27●000

DATE	SCALE
APRIL 2024	1:1000

SCALE REF. METER

CAD FILE NAME	CONSULTANT DWG. NO.
EN3587R3001-038.dwg	EN/3587/R/3/028
PAPER SIZE	CLIENT DWG. NO.
A0	P09/R/3/028