



STATION	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
11940	2.96%	407.291	407.291	407.291	407.291	11940	R=550.00m L=97.41m			BOTH SIDES CH 11 840 TO 12 120	
12000	VCL=100 m K=49.1	407.593	407.593	407.593	407.593	12000	STRAIGHT L=92.025m 287° 42' 59"				
12100	0.92%	408.051	408.051	408.051	408.051	12100	R=275.00m L=87.67m				
12200	VCL=60 m K=126.2	408.510	408.510	408.510	408.510	12200	STRAIGHT L=145.029m 270° 09' 39"			LEFT CH 12 120 TO 12 500	
12300	0.44%	409.070	409.070	409.070	409.070	12300	R=1100.00m L=222.76m				
12400	VCL=60 m K=16.5	409.630	409.630	409.630	409.630	12400	STRAIGHT L=92.025m 281° 42' 49"				
12500	0.44%	410.190	410.190	410.190	410.190	12500	R=320.00m L=89.61m				
12600	VCL=60 m K=11.7	410.750	410.750	410.750	410.750	12600	STRAIGHT L=126.065m 260° 42' 09"			BOTH SIDES CH 12 500 TO 13 180	
12700	-3.19%	411.310	411.310	411.310	411.310	12700	R=750.00m L=26.31m				
12800	VCL=90 m K=11.0	411.870	411.870	411.870	411.870	12800	STRAIGHT L=72.054m				
12900	-3.59%	412.430	412.430	412.430	412.430	12900	R=1750.00m L=42.70m				
13000	VCL=40 m K=96.3	412.990	412.990	412.990	412.990	13000					

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

	TECHNICAL SERVICES DEPARTMENT KRUGER NATIONAL PARK DRAWING OFFICE (KNP) Tel: (013) 735 3448	DESIGNED BY	A. J. NEL	APPROVED BY				SERVICE	PROJECT	TITLE	DATE	SCALE	CAD FILE NAME	CONSULTANT DWG. NO.
		CHECKED BY	C. J. SMIT					ROADS	SHANGONI ROAD PH 1	ROADS - LONGSECTION: CH-12-000 TO CH-13-000	APRIL 2024	1:1000	EN3587R301-038.dwg	EN/3587/R/3/014
Rev	Date	By	Description	DRAWN BY	J. VAN DYK	HOD TECH SERVICES	SEN. MAN. CIVIL & BUILDING	SEN. MAN. ELECTRO & MECHANICAL	SEN. MAN. ROADS & MAINTENANCE	MAN. PLANNING & DESIGN	CLIENT	SCALE REF. METRE	PAPER SIZE	CLIENT DWG. NO.
			AMENDMENTS	CHECKED BY	C. J. SMIT	DATE:	DATE:	DATE:	DATE:	DATE:		A0	P09/R/3/014	