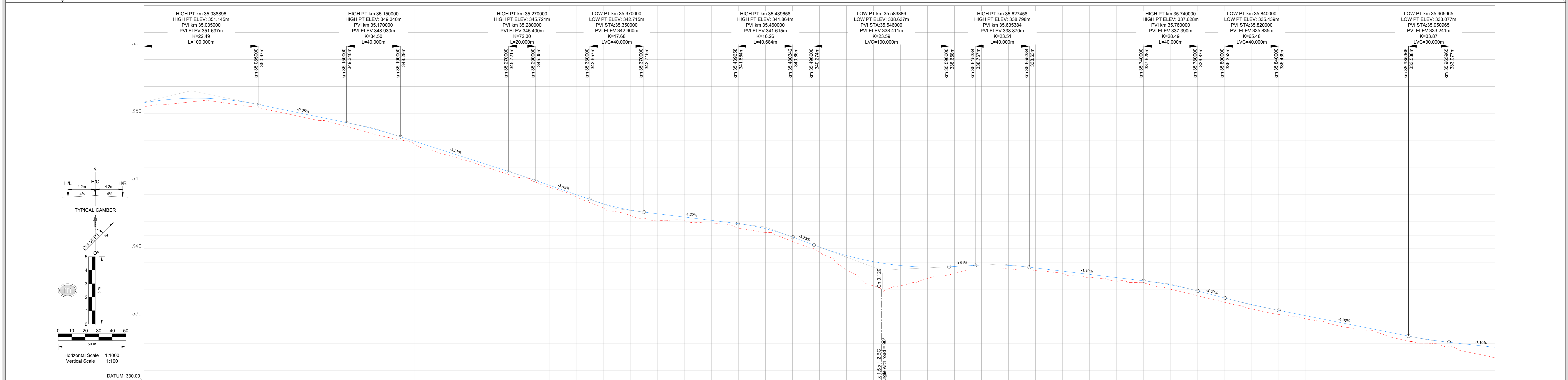
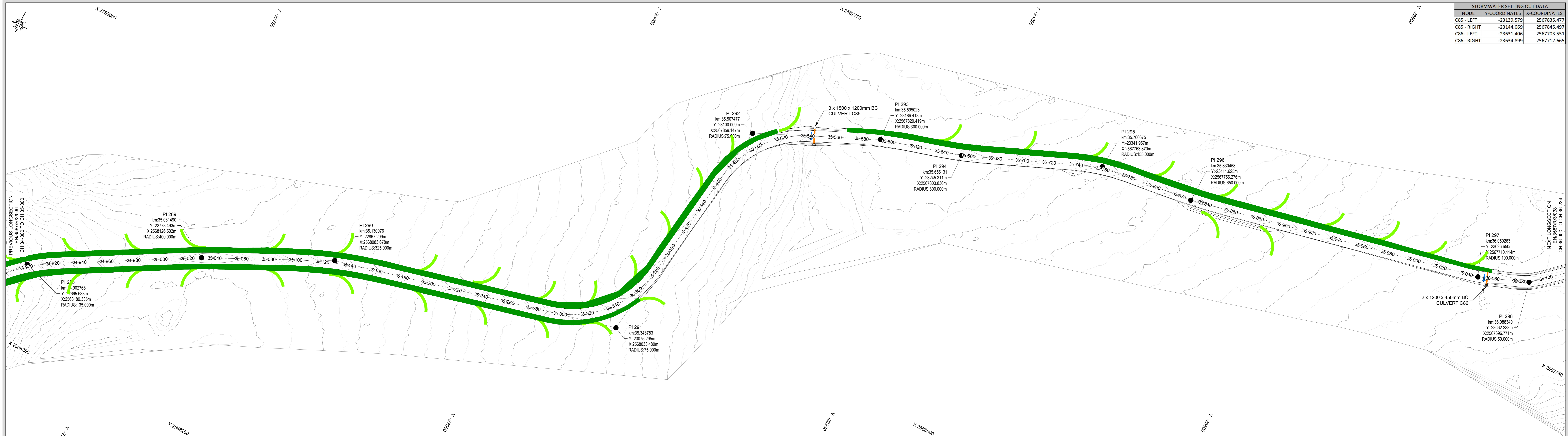


STORMWATER SETTING OUT DATA		
NODE	Y-COORDINATES	X-COORDINATES
C85 - LEFT	-23139.579	2567835.472
C85 - RIGHT	-23144.069	2567845.497
C86 - LEFT	-23631.406	2567703.551
C86 - RIGHT	-23634.899	2567712.665



VERTICAL CURVES	VCL=100 m K=22.5	VCL=40 m K=34.5	VCL=20 m K=72.3	VCL=40 m K=17.7	VCL=40 m K=17.7	VCL=41 m K=16.3	VCL=100 m K=23.6	VCL=40 m K=23.5	VCL=40 m K=23.5	VCL=40 m K=65.5	VCL=30 m K=33.9			
LEFT EDGE (4.2m)	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000			
DESIGN CENTRE LINE LEVELS	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000			
RIGHT EDGE (4.2m)	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000			
GROUND LEVELS AT GRADE LINE	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000	350.000			
CHAINAGE (m)	35000	35000	35000	35000	35000	35000	35000	35000	35000	35000	35000			
HORIZONTAL ALIGNMENT	STRAIGHT L=45.00m 240° 53' 37"	R=400.00m L=23.47m	STRAIGHT L=52.189m 244° 16' 20"	R=325.00m L=69.07m	STRAIGHT L=128.370m 240° 53' 37"	R=75.00m L=89.49m	STRAIGHT L=82.750m 188° 04' 07"	R=300.00m L=44.08m	STRAIGHT L=43.00m 254° 16' 31"	R=300.00m L=35.30m	STRAIGHT L=14.920m 263° 46' 45"	R=155.00m L=43.95m	STRAIGHT L=179.00m 297° 57' 36"	R=650.00m L=66.02m
SUPER ELEVATION														
GUARDRAILS														
SIDE DRAINS														
CULVERTS														

TECHNICAL SERVICES DEPARTMENT
KRUGER NATIONAL PARK
DRAWING OFFICE (DNP)
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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
PROJECT: SHANGONI ROAD PH 1
TITLE: ROADS - LONGSECTION: CH-35+000 TO CH-36+000

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FOR TENDER PURPOSES