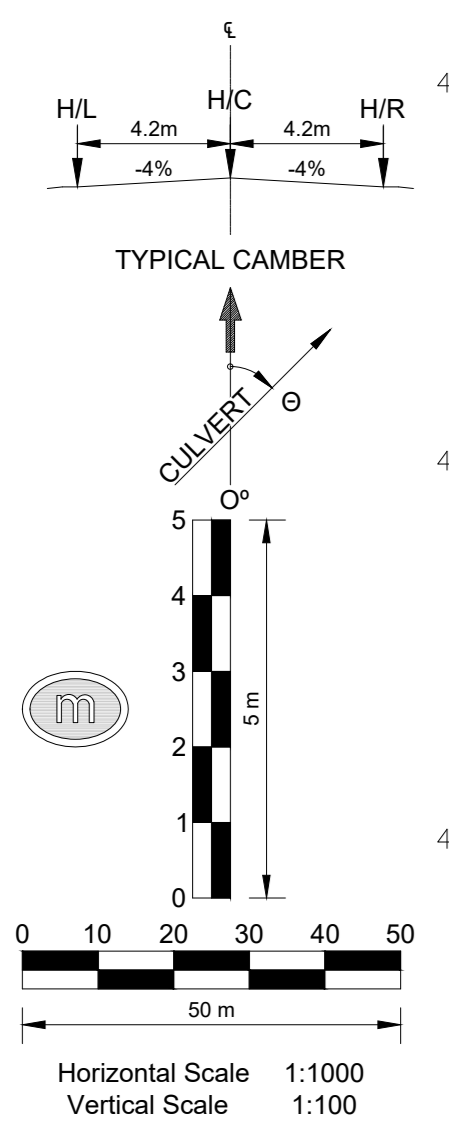
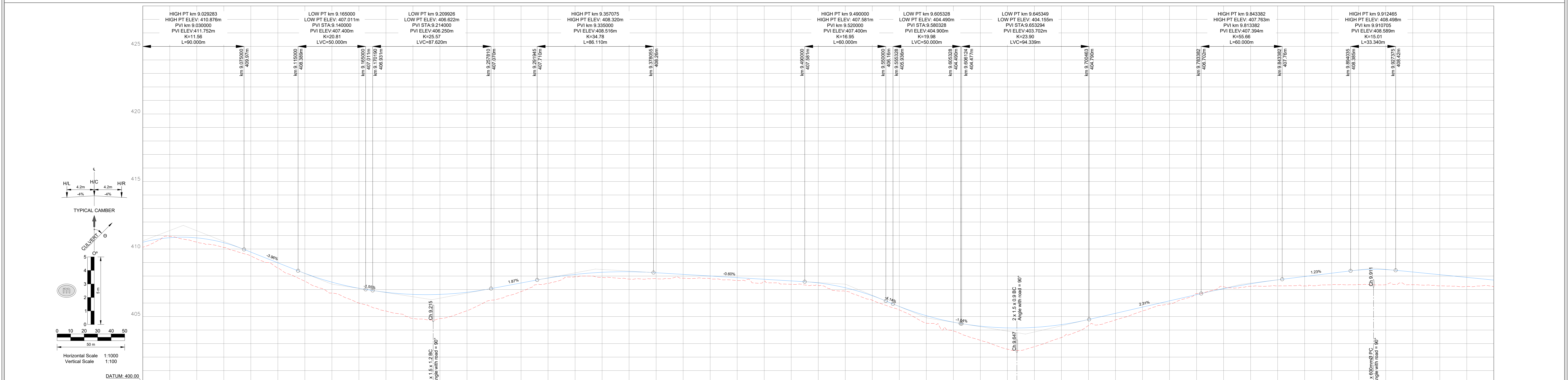
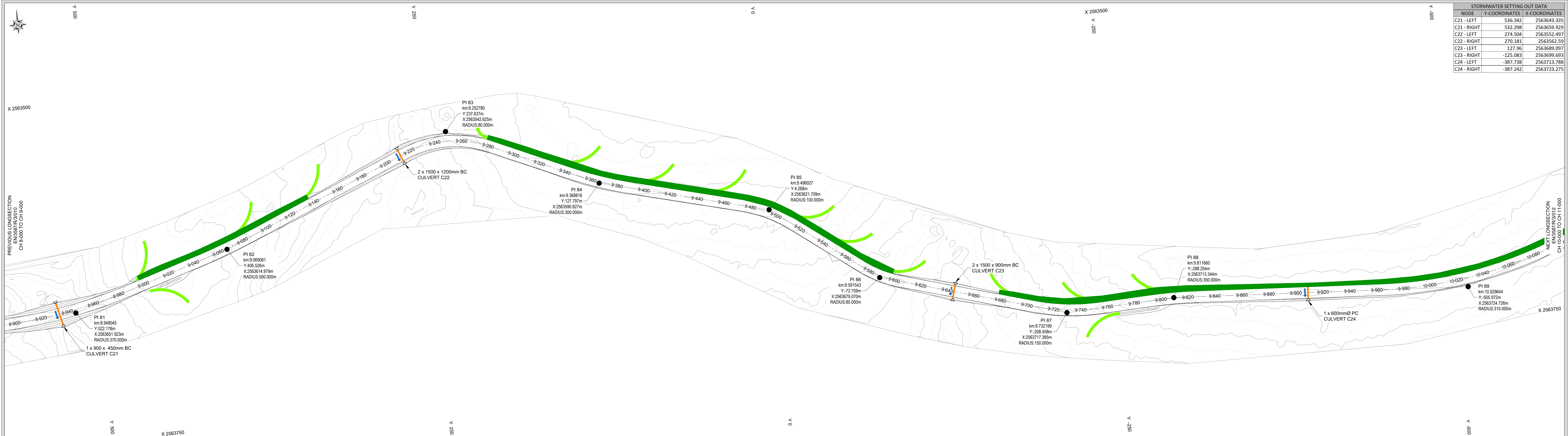


NOISE	Y-COORDINATES	X-COORDINATES
C21 - LEFT	535.342	2563643.335
C21 - RIGHT	532.298	2563659.920
C22 - LEFT	274.504	2563552.497
C22 - RIGHT	270.181	2563562.59
C23 - LEFT	127.96	2563689.097
C23 - RIGHT	-125.083	2563699.693
C24 - LEFT	-387.738	2563713.788
C24 - RIGHT	-387.242	2563723.275



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
VCL=90 m K=11.6	410.591	410.591	410.591	410.591	9000	STRAIGHT L=150.00m K=11.6			LEFT CH 9.000 TO 9.140	
VCL=50 m K=20.8	407.550	407.550	407.550	407.550	9100	STRAIGHT L=125.130m K=20.8			NO SIDE DRAIN CH 9.140 TO 9.280	C22 KM 9.215 2 x 1500 x 1200 BC
VCL=88 m K=25.6	406.644	406.644	406.644	406.644	9200	STRAIGHT L=125.130m K=25.6			LEFT CH 9.280 TO 9.600	
VCL=40 m K=16.9	407.581	407.581	407.581	407.581	9500	STRAIGHT L=100.00m K=16.9			NO SIDE DRAIN CH 9.600 TO 9.660	C23 KM 9.647 2 x 1500 x 900 BC
VCL=50 m K=20.0	405.995	405.995	405.995	405.995	9700	STRAIGHT L=137.235m K=20.0			LEFT CH 9.660 TO 10.240	
VCL=94 m K=23.9	407.253	407.253	407.253	407.253	9900	STRAIGHT L=136.269m K=23.9				C24 KM 9.911 1 x 600mm PC

TECHNICAL SERVICES DEPARTMENT
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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
CLIENT

SERVICE: **ROADS**
PROJECT: **SHANGONI ROAD PH 1**
TITLE: **ROADS - LONGSECTION: CH-9+000 TO CH-10+000**

DATE: **APRIL 2024**
SCALE: **1:1000**
CAD FILE NAME: EN3587R301-036.dwg
PAPER SIZE: **A0**

CONSULTANT DWG. NO.: **EN/3587/R/3/011**
CLIENT DWG. NO.: **P09/R/3/011**

(REF FOLDER: X:02 PROJECTS\3000\3500 - 3599\KNP\SHEN - SHANGONI ROAD PH1 DESIGN PHASE\FDRAWINGS\TENDER\ROADS\EN3587R301-036.DWG)