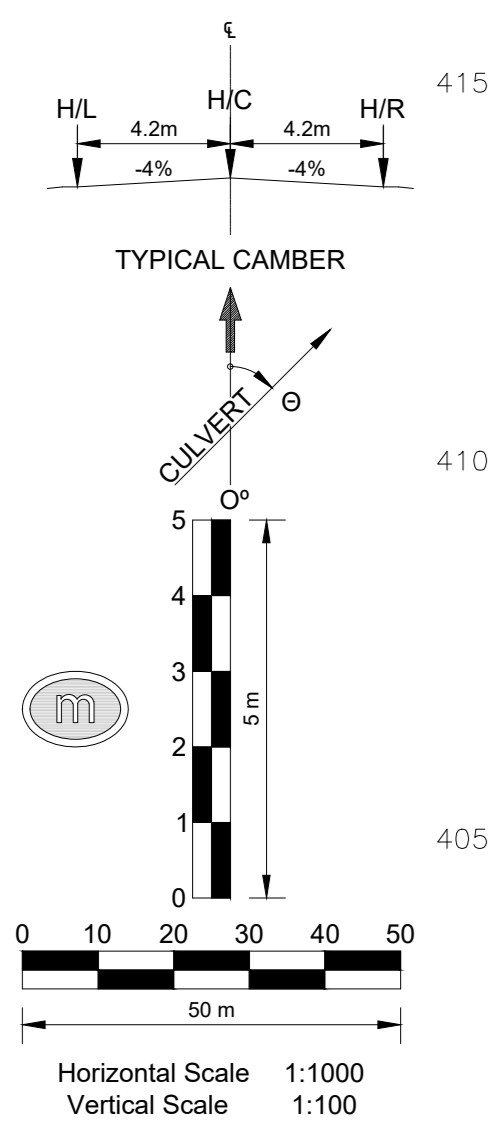
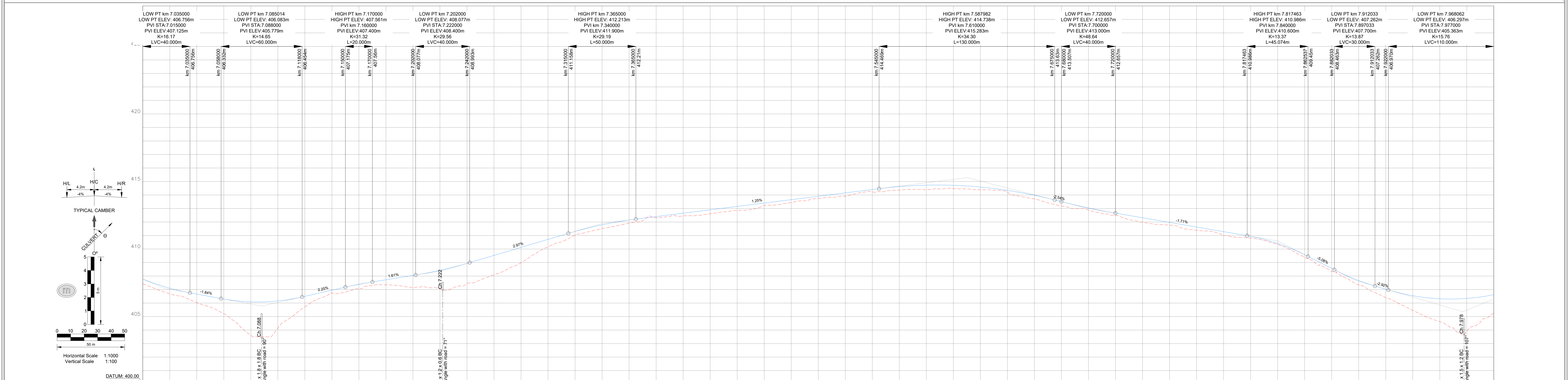
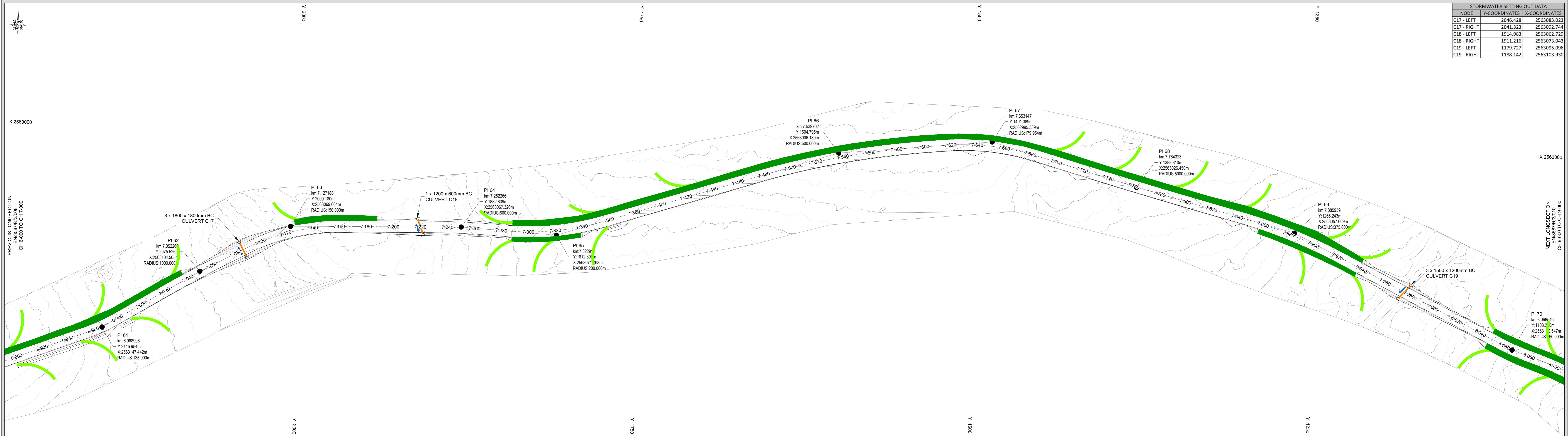


STORMWATER SETTING OUT DATA		
NODE	Y-COORDINATES	X-COORDINATES
C17 - LEFT	2046.428	2563083.023
C17 - RIGHT	2041.323	2563092.744
C18 - LEFT	1914.983	2563062.729
C18 - RIGHT	1911.216	2563073.043
C19 - LEFT	1179.727	2563095.096
C19 - RIGHT	1188.142	2563103.930



VERTICAL CURVES	VCL=40 m K=16.2	VCL=40 m K=14.7	VCL=20 m K=13.3	VCL=40 m K=29.6	VCL=40 m K=29.2	VCL=130 m K=34.3	VCL=40 m K=48.6	VCL=45 m K=13.4	VCL=30 m K=13.9	VCL=110 m K=15.8	
LEFT EDGE (4.2m)	407.816	407.792	407.816	407.792	407.816	407.792	407.816	407.792	407.816	407.792	
DESIGN CENTRE LINE LEVELS	406.986	406.962	406.986	406.962	406.986	406.962	406.986	406.962	406.986	406.962	
RIGHT EDGE (4.2m)	408.496	408.472	408.496	408.472	408.496	408.472	408.496	408.472	408.496	408.472	
GROUND LEVELS AT GRADE LINE	406.986	406.962	406.986	406.962	406.986	406.962	406.986	406.962	406.986	406.962	
CHAINAGE (m)	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	
HORIZONTAL ALIGNMENT	STRAIGHT L=100.00m R=100.00m 25° 52' 20"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"	STRAIGHT L=150.00m R=150.00m 24° 17' 30"
SUPER ELEVATION											
GUARDRAILS											
SIDE DRAINS	LEFT CH 6.720 TO 7.040	NO SIDE DRAIN CH 7.040 TO 7.130	LEFT CH 7.130 TO 7.190	NO SIDE DRAIN CH 7.190 TO 7.290	BOTH SIDES CH 7.290 TO 7.340	LEFT CH 7.340 TO 7.860	LEFT CH 7.860 TO 7.980	BOTH SIDES CH 7.980 TO 8.050	NO SIDE DRAIN CH 8.050 TO 8.100		
CULVERTS	C17 KM 7.088 3 x 1800 x 1800 BC		C18 KM 7.222 1 x 1200 x 900 BC							C19 KM 7.978 3 x 1500 x 1200 BC	

TECHNICAL SERVICES DEPARTMENT
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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
CLIENT

SERVICE: **ROADS**
FOR TENDER PURPOSES

PROJECT: **SHANGONI ROAD PH 1**

TITLE: **ROADS - LONGSECTION: CH-7+000 TO CH-8+000**

DATE: APRIL 2024
SCALE: 1:1000
CAD FILE NAME: EN3587R3001-038.dwg
PAPER SIZE: A0

CONSULTANT DWG. NO.: **EN/3587/R/3/009**
CLIENT DWG. NO.: **P09/R/3/009**