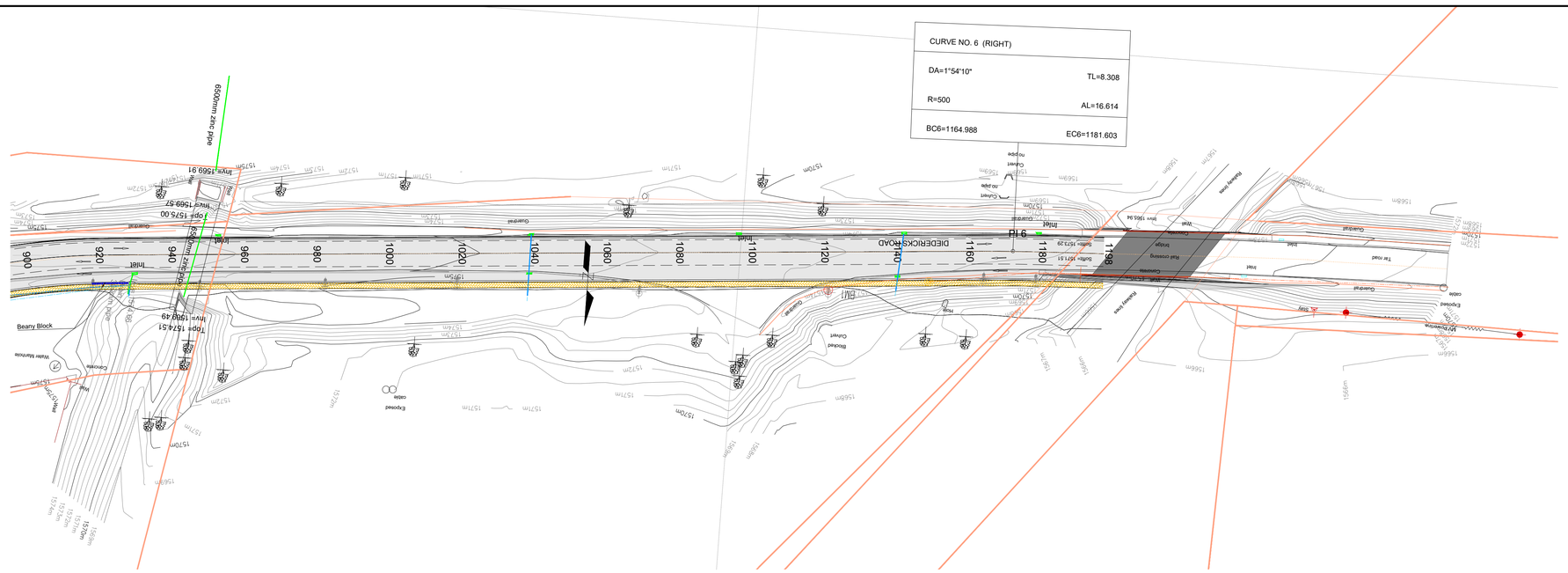
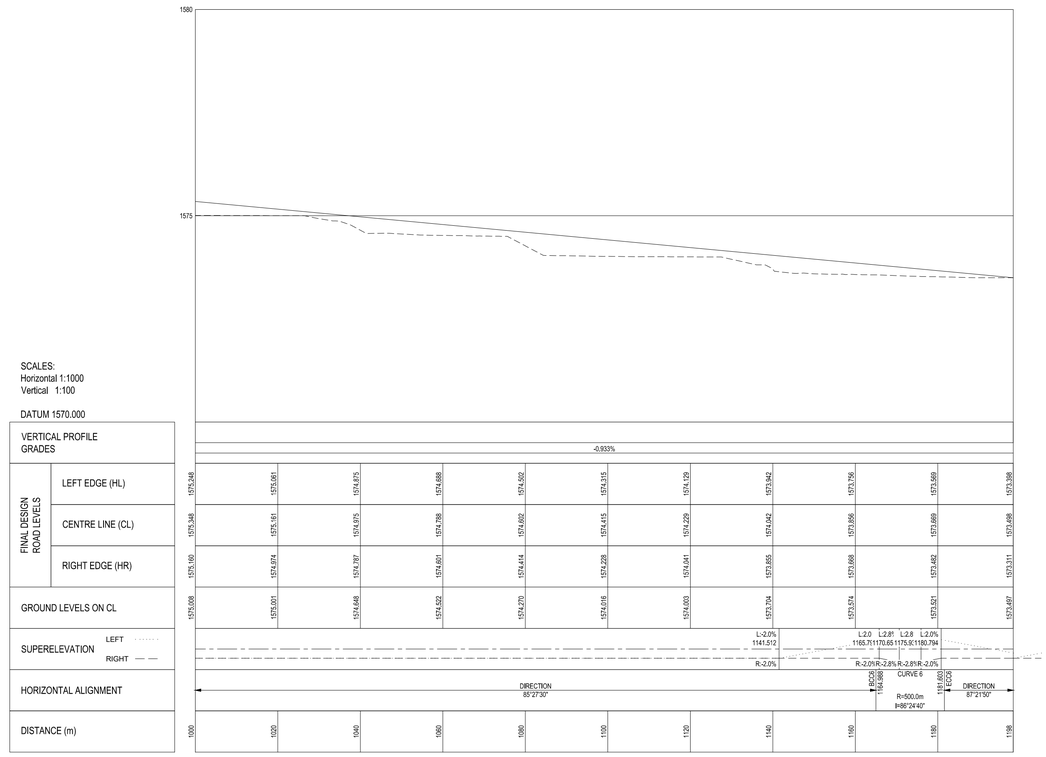


LAYOUT PLAN: SHEET 3
SCALE 1:500



SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1570.000

		1000	1020	1040	1060	1080	1100	1120	1140	1160	1180	1198
VERTICAL PROFILE GRADES												
FINAL DESIGN ROAD LEVELS	LEFT EDGE (HL)	1575.348	1575.081	1574.875	1574.698	1574.502	1574.315	1574.129	1573.942	1573.756	1573.569	1573.398
	CENTRE LINE (CL)	1575.348	1575.161	1574.975	1574.788	1574.602	1574.415	1574.229	1574.042	1573.856	1573.669	1573.498
	RIGHT EDGE (HR)	1575.160	1574.974	1574.787	1574.601	1574.414	1574.228	1574.041	1573.855	1573.668	1573.482	1573.311
GROUND LEVELS ON CL		1575.008	1575.001	1574.648	1574.522	1574.270	1574.016	1574.003	1573.734	1573.574	1573.521	1573.497
SUPERELEVATION	LEFT								L-2.0%		L-2.0 L-2.81 L-2.8 L-2.0%	
	RIGHT								R-2.0%		R-2.0% R-2.8% R-2.8% R-2.0%	
HORIZONTAL ALIGNMENT			DIRECTION 85°27'30"							BC6 1164.988	CURVE 6 R=500.0m II=86°24'40" EC6 1181.603	DIRECTION 87°21'50"
DISTANCE (m)		1000	1020	1040	1060	1080	1100	1120	1140	1160	1180	1198

LONGSECTION DIEDERICKS ROADS
FROM 1000,000 TO 1198.303

DATE	STATUS	REV	REVISION DESCRIPTION	REFERENCE DRAWING No.	REFERENCE DRAWING TITLE

NOTES:

		SIGNATURE
DESIGNED BY	M.TSHUMA	N/A
DRAWN BY	Z.BIYELA	N/A
DESIGN CHECKED	T.ZUMA	N/A
DRAWING CHECKED	M.TSHUMA	N/A
Pr TECH/ Pr ENGINEER APPROVAL		
NAME	T.ZUMA	SIGNATURE
DATE		PROFESSIONAL REG No. 201170074

ENGINEER:
MAFAHLENI ENGINEERS AND PROJECT MANAGERS
49 Ferreira Street
Nelspruit
1200
DEPARTMENT: CIVIL

CLIENT:
EMALAHLENI MUNICIPALITY
P.O. Box 3
Emalahleni
1035

PROJECT TITLE
PROPOSED REHABILITATION OF BEATTY & DIEDERICKS

DRAWING TITLE
ROAD LAYOUT PLAN AND LONGITUDINAL SECTION:
CH 1.000 - CH 1.198

DRAWING STATUS DESCRIPTION:
D=DEVELOPMENT T=TENDER P=PLANNING
C=CONSTRUCTION A=AS BUILT

SCALE	SHEET	SHEET SIZE
1:500	3OF3	A1

MAFAHLENI ENGINEERS DRAWING NUMBER

ME PROJECT DESCRIPTION	DISCIPLINE	NUMBER	STATUS	REV
EMAL- 2024 - RDS -		003	T	00