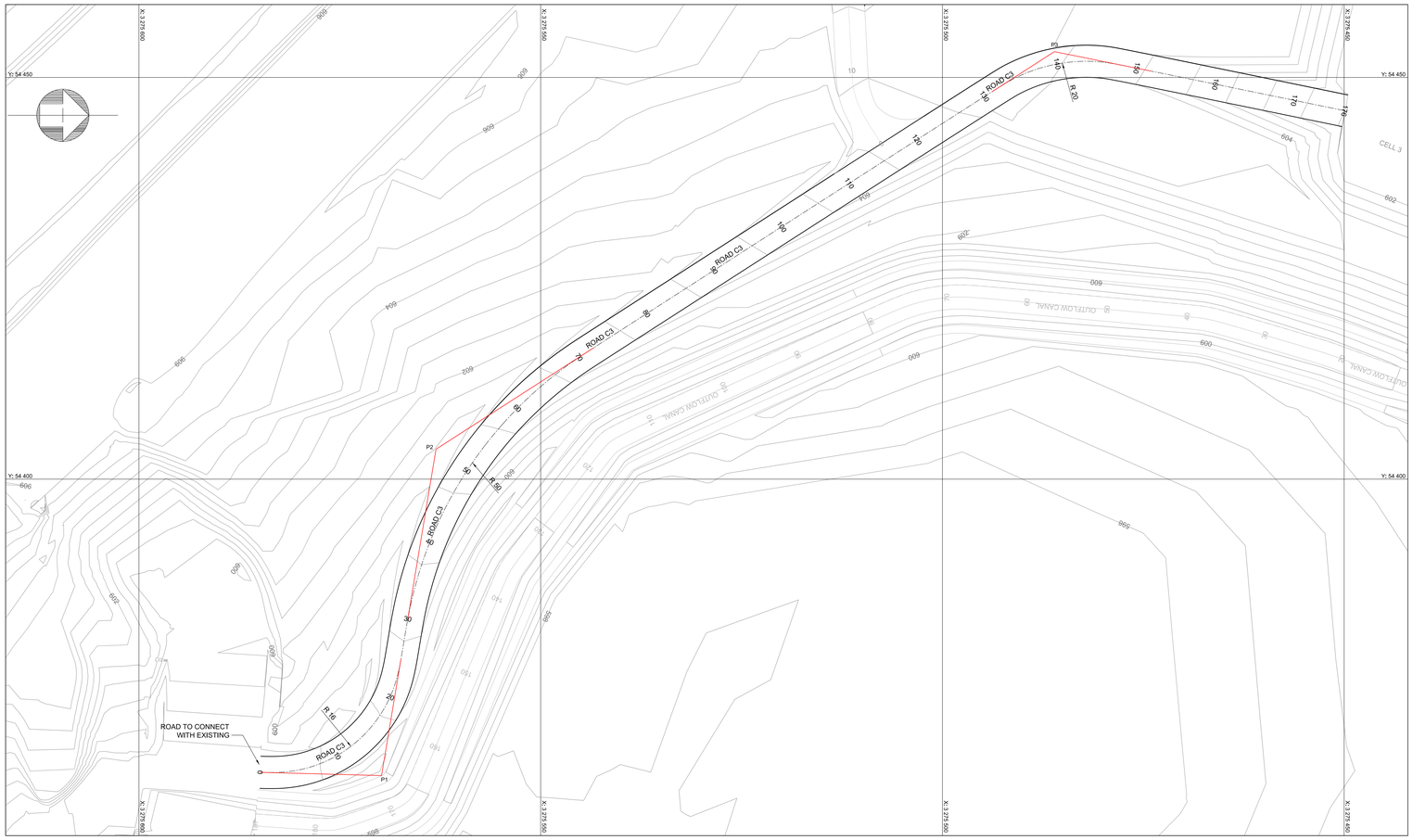


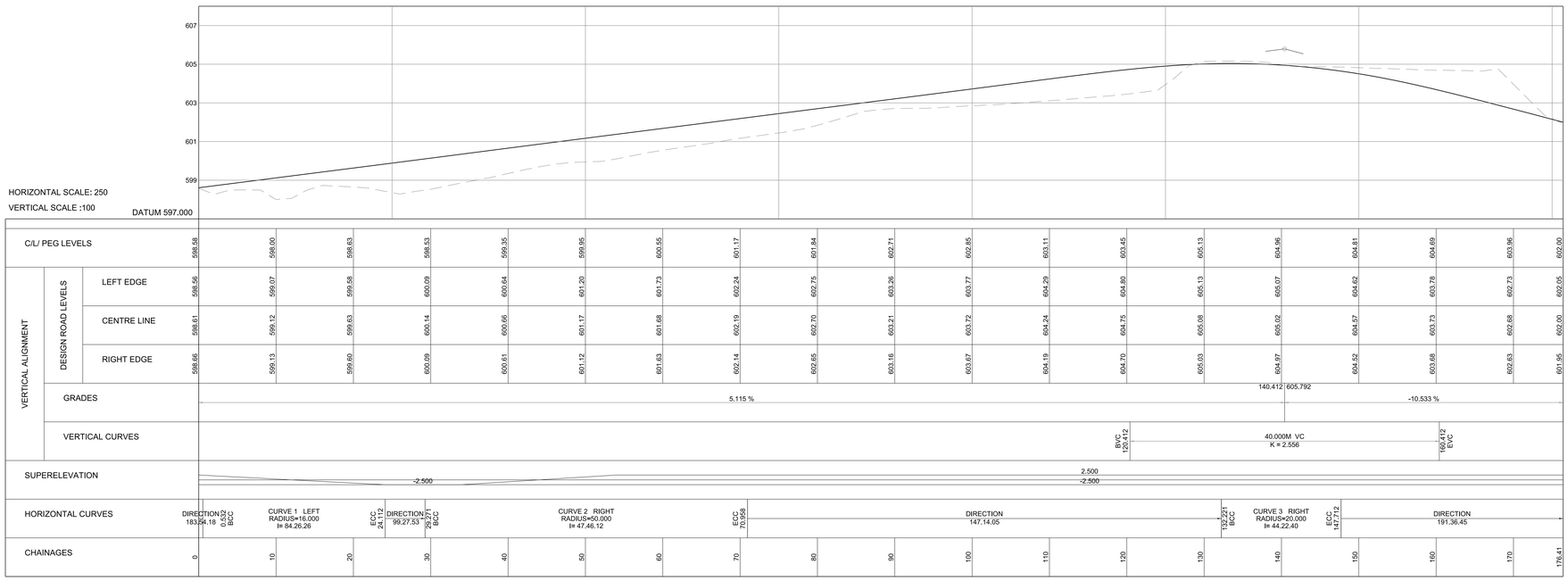
PLAN
SCALE 1:250

CURVE LIST
cell 3 road

No.	Radius	TR.In	TR.Out	TAN.In	TAN.Out	Deflection
0	0.00	0.00	0.00	0.00	0.00	0:00:00
1	16.00	0.00	0.00	14.52	14.52	84:26:26
2	50.00	0.00	0.00	22.14	22.14	47:46:12
3	20.00	0.00	0.00	8.16	8.16	44:22:40
4	0.00	0.00	0.00	0.00	0.00	0:00:00

Road List
cell 3 road

Position	SV	Y-Coord	X-Coord
PI0	0	54363.50	3275584.92
BCC1	0.53	54363.47	3275584.39
PI1	12.32	54362.48	3275569.90
ECC1	24.11	54376.80	3275567.52
BCC2	29.27	54381.89	3275566.67
PI2	50.11	54403.73	3275563.03
ECC2	70.96	54415.71	3275544.41
BCC3	132.22	54448.87	3275492.89
PI3	139.97	54453.28	3275486.03
ECC3	147.71	54451.64	3275478.04
PI5	176.41	54445.86	3275449.93



LONG SECTION: ROAD C3

REFERENCE DRAWINGS

DRAWING No.	TITLE/DESCRIPTION	SOURCE

0 10 20 40 60 80 100m

REFERENCE DRAWINGS

1. FOR SPILLWAY SECTIONS SEE DRAWING H121642-013-10-014-0002-001
2. FOR INLET STRUCTURE DETAILS SEE DRAWING H121642-013-10-014-0004-001 & H121642-013-10-014-0004-002
3. FOR INLET STRUCTURE DETAILS SEE DRAWING H121642-013-10-014-0005-001

REV	DATE	DESCRIPTION	NAME	SIGNATURE
A	16/05/16	CLIENT REVIEW		

APPROVED

CONSULTING ENGINEER APPROVAL

CONSULTING ENGINEER DRAWING No. H121642-013-10-014-0007-002

DESIGNED	B.BVUMA	DRAWN	B.BVUMA
CHECKED	E. CARVALHO	CIVIL ENGINEER	E. CARVALHO
STRUCTURAL ENGINEER	NR	MECHANICAL ENGINEER	NR
ELECTRICAL ENGINEER	NR	S & PC ENGINEER	NR

APPROVED J.PRINSLOO PROJECT ENGINEER SIGNATURE

HATCH GOBA
Member of the Hatch Group

UMGENI WATER APPROVAL

ENGINEERING SERVICES

	NAME	SIGNATURE	DATE
DESIGN ENGINEER			
ENGINEERING MANAGER	ALAN KOCKOTT		

OPERATIONS

	NAME	SIGNATURE	DATE
MAINTENANCE MANAGER	NTSIKI BAAI		
AREA MANAGER	ERIC NENE		
ASSET MANAGER	NTSIKI BAAI		
GENERAL MANAGER	EDNICK MSWELI		

310 BURGER STREET
PIETERMARITZBURG
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UMGENI WATER · AMANZI
Managing Water for Life

DARVILL SPW EXTENSIONS

WETLAND CREATION
PROPOSED WETLAND AREA
ACCESS ROADS
LAYOUT AND LONGITUDINAL SECTIONS

FILE No.	SCALE	SHEET SIZE	SHEET
	AS SHOWN	A0	2 OF 2
CONTRACT No. 2013/136	DRAWING No.		REVISION A