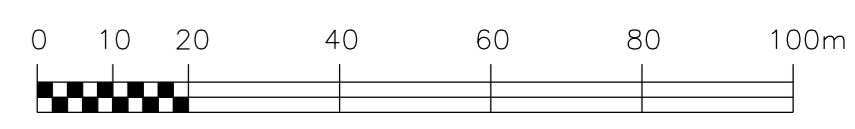


DRAWING No.	TITLE/DESCRIPTION	SOURCE



REFERENCE DRAWINGS

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

Curve 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	84.26.28
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

Position	SV	Y-Coord	X-Coord
PI0	0	54363.50	3275584.92
BCC1	0.53	54363.47	3275584.92
PI1	12.32	54362.48	3275569.00
ECC1	24.11	54376.80	3275567.52
BCC2	29.27	54381.68	3275568.07
PI2	50.11	54403.73	3275563.03
ECC2	70.96	54415.71	3275544.41
BCC3	132.22	54448.87	3275492.89
PI3	139.97	54453.29	3275496.03
ECC3	147.71	54451.64	3275478.04
PI5	176.41	54445.86	3275449.93



PLAN
SCALE 1:250

CONSULTING ENGINEER APPROVAL

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

CONSULTING ENGINEER	J. PRINSLOO	PROJECT ENGINEER	
DESIGNED	B. VUJMA	DRAWN	B. VUJMA
CHECKED	E. CARVALHO	CIVIL ENGINEER	E. CARVALHO
STRUCTURAL ENGINEER	NR	MECHANICAL ENGINEER	NR
ELECTRICAL ENGINEER	NR	S & I/C ENGINEER	NR

UMGENI WATER APPROVAL

DESIGN ENGINEER			
ENGINEERING MANAGER	ALAN KOCKOTT		

MAINTENANCE MANAGER	NTSIKI BAAI		
AREA MANAGER	ERIC NENE		
ASSET MANAGER	NTSIKI BAAI		
GENERAL MANAGER	EDNICK MSWELI		

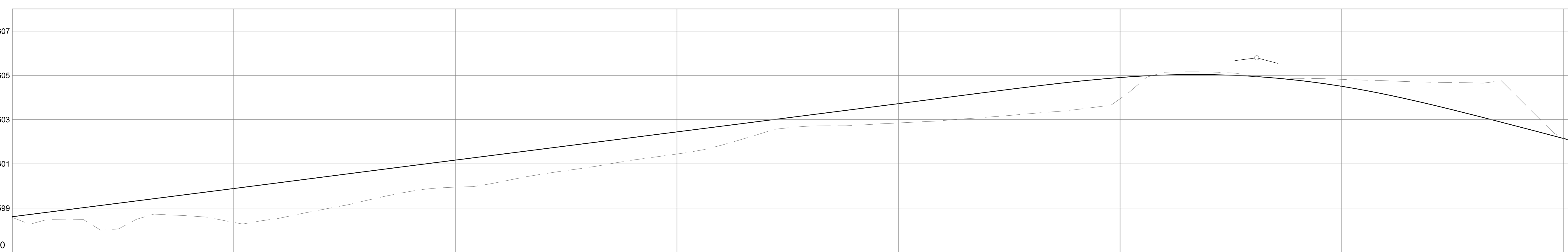
310 BURGER STREET
PIETERMARITZBURG
3201
TEL. (033) 341 1111



DARVILL SPW EXTENSIONS

WETLAND CREATION
PROPOSED WETLAND AREA
ACCESS ROADS
LAYOUT AND LONGITUDINAL SECTIONS

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



HORIZONTAL SCALE: 250
VERTICAL SCALE: 1:100
DATUM 597.000

C/I/ PEG LEVELS	DESIGN ROAD LEVELS		GRADES	VERTICAL CURVES	SUPERELEVATION	HORIZONTAL CURVES	CHAINAGES
	LEFT EDGE	RIGHT EDGE					
598.58	598.55	598.50	5.115 %				0
598.61	598.12	598.07					10
599.60	599.53	599.55					20
600.08	600.14	600.09					30
600.61	600.66	600.64					40
601.12	601.17	601.20					50
601.63	601.68	601.73					60
602.14	602.19	602.24					70
602.65	602.70	602.75					80
603.16	603.21	603.26					90
603.67	603.72	603.77					100
604.19	604.24	604.29					110
604.70	604.75	604.80					120
605.03	605.08	605.13					130
604.97	605.02	605.07	140.412 605.792				140
604.52	604.57	604.62					150
605.68	605.73	605.78	-10.533 %				160
605.63	605.68	605.73					170
601.96	602.00	602.05					176.41

LONG SECTION: ROAD C3