

ROAD C1						ROAD C2							
No	Radius	TR In	TR Out	TAN In	TAN Out	Deflection	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	0	0.00	0.00	0.00	0.00	0.00	0:00:00
1	10.00	0.00	0.00	2.69	2.69	30:05:17	1	16.00	0.00	0.00	4.82	4.82	33:32:35
2	16.00	0.00	0.00	4.44	4.44	31:00:03	2	0.00	0.00	0.00	0.00	0.00	0:00:00
3	0.00	0.00	0.00	0.00	0.00	0:00:00							

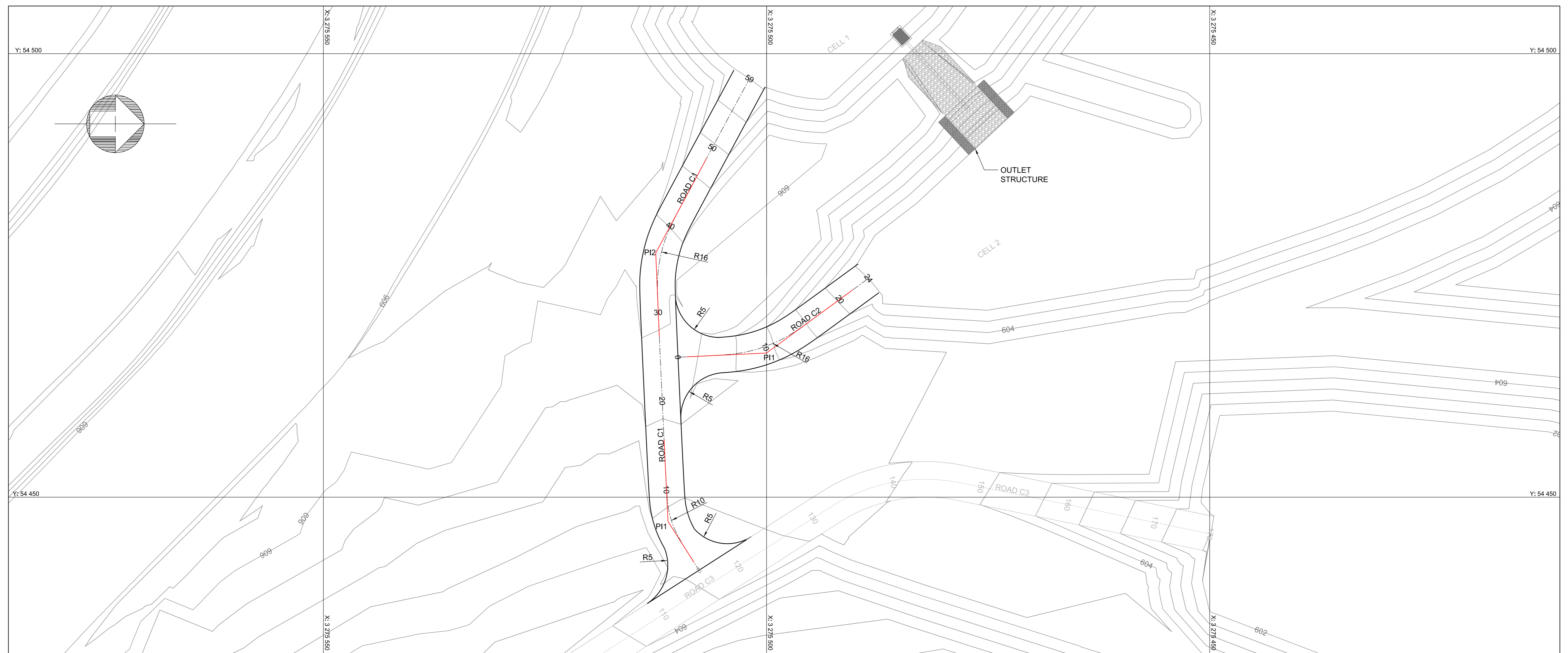
ROAD C1			
Position	SV	Y-Coord	X-Coord
PI0	0	54411.77	327507.92
BCC1	3.81	54444.98	327509.08
PI1	6.44	54447.24	327511.13
ECC1	9.06	54449.92	327511.28
BCC2	32.21	54473.03	327512.34
PI2	35.54	54477.48	327512.85
ECC2	40.87	54481.38	327515.44
PI3	58.83	54497.20	327501.92

ROAD C2			
Position	SV	Y-Coord	X-Coord
PI0	0	54465.77	327510.00
BCC1	5.18	54469.01	327504.83
PI1	9.86	54466.24	327500.01
ECC1	14.55	54469.09	3275496.12
PI2	24	54474.67	3275488.49

REFERENCE DRAWINGS		
DRAWING No.	TITLE/DESCRIPTION	SOURCE

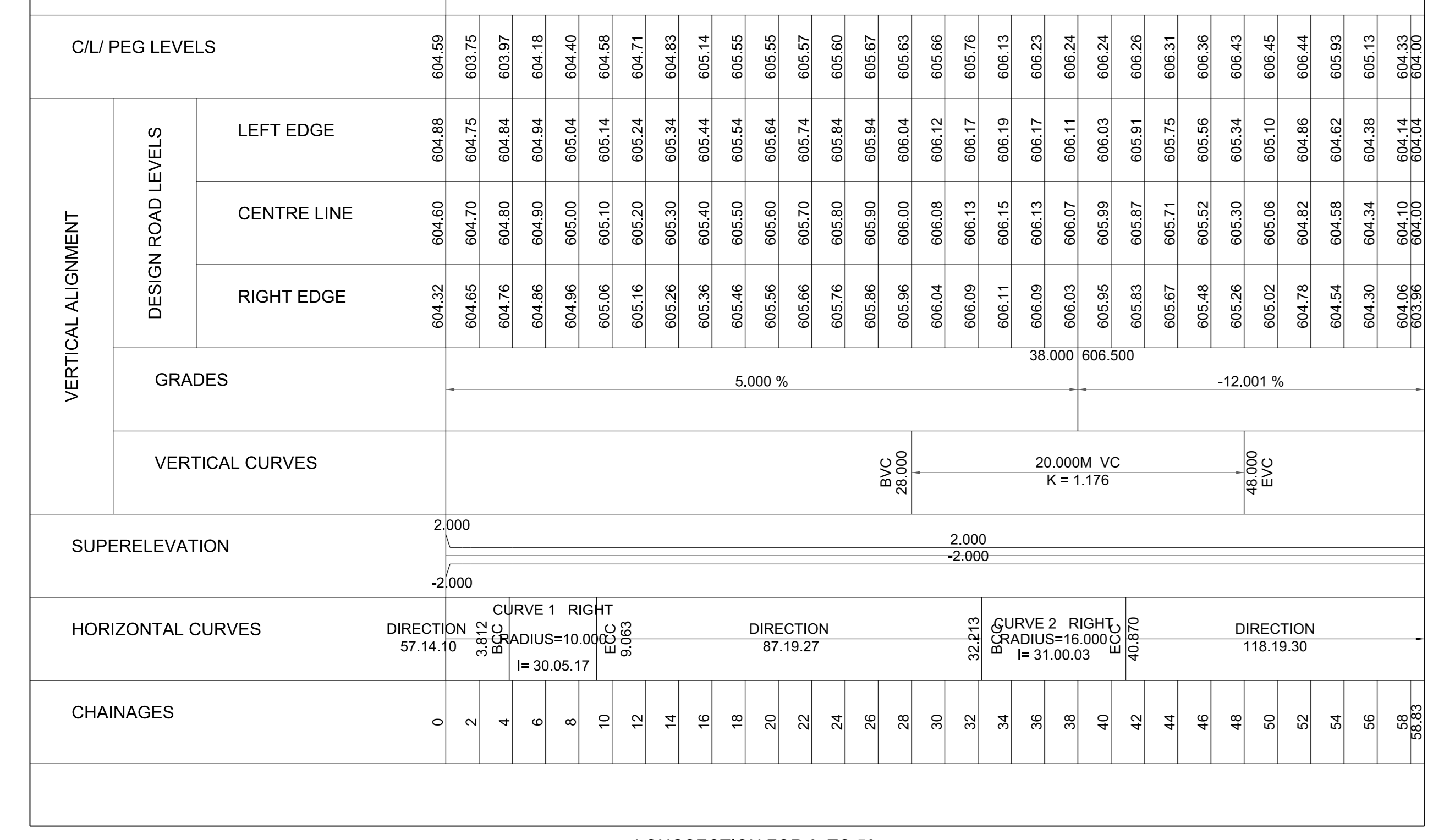
- REFERENCE DRAWINGS**
- FOR SPILLWAY SECTIONS SEE DRAWING H121642-013-10-014-0002-001
 - FOR INLET STRUCTURE DETAILS SEE DRAWING H121642-013-10-014-0004-001 & H121642-013-10-014-0004-002
 - FOR INLET STRUCTURE DETAILS SEE DRAWING H121642-013-10-014-0005-001

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



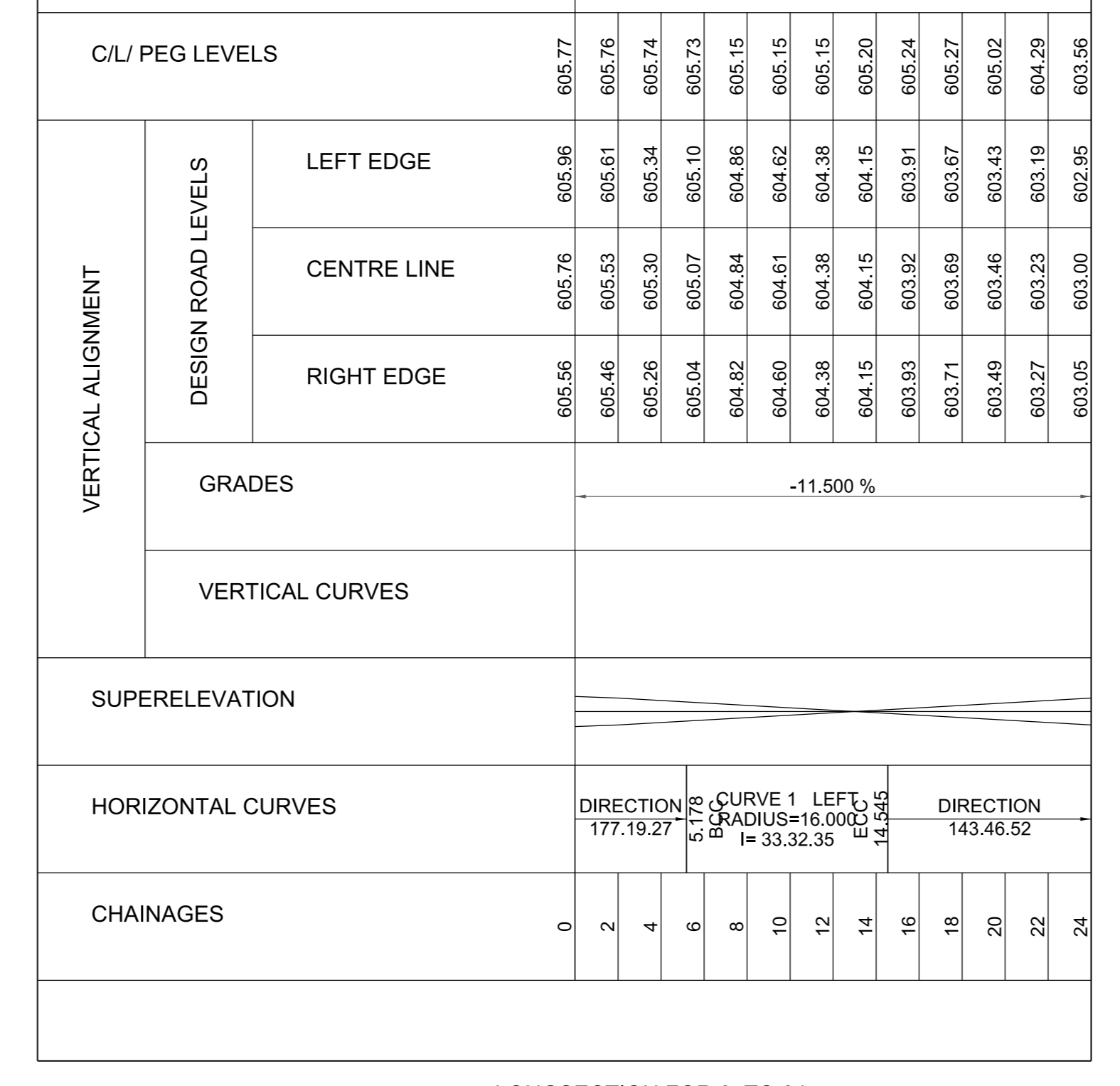
PLAN
SCALE 1:250

HORIZONTAL SCALE: 250
VERTICAL SCALE: 100



LONG SECTION: ROAD C1

HORIZONTAL SCALE: 250
VERTICAL SCALE: 100



LONG SECTION: ROAD C2



CONSULTING ENGINEER APPROVAL		
CONSULTING ENGINEER	DRAWING No.	PROJECT NUMBER
B.VUMA	H121642-013-10-014-0007-001	

UMGENI WATER APPROVAL		
DESIGN ENGINEER	OPERATIONS	DATE
ALAN KOCKOTT		

UMGENI WATER - AMANZI		
MAINTENANCE MANAGER	AREA MANAGER	ASSET MANAGER
NTSIKI BAN	ERIC NENE	NTSIKI BAN

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

UMGENI
Managing Water for Life

FILE No.	SCALE	SHEET SIZE	SHEET
2013/136	AS SHOWN	A0	1 OF 2