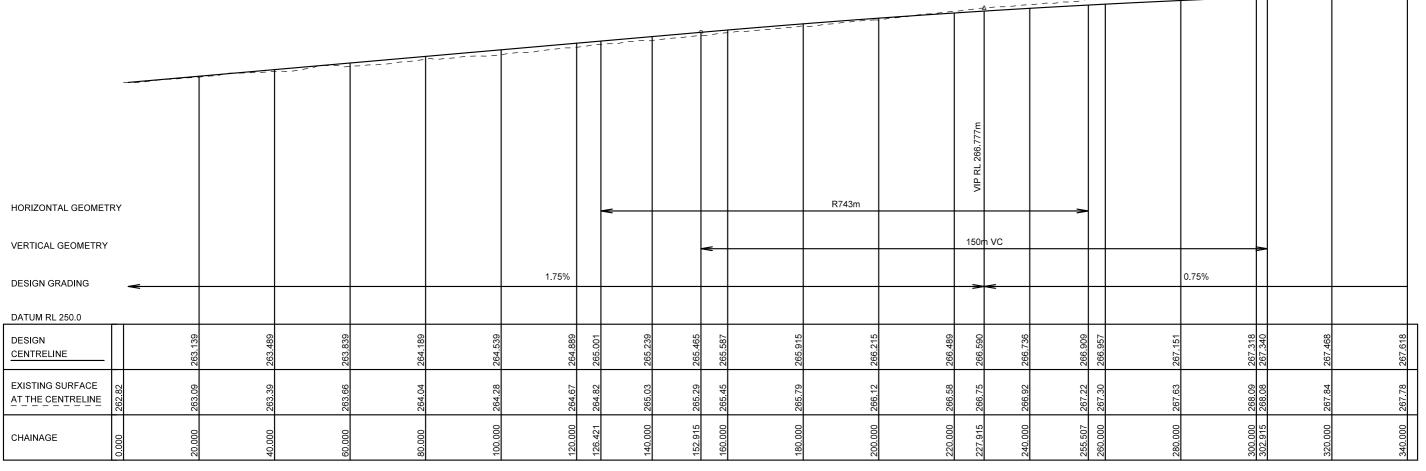
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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V		Size A3	
Authorised P.CHATTERLEY	RD03 - CH 0 - CH 340 LONGITUDINAL SECTION	V181662-CI-DC	S-3001	Sheet No.	Revision 3	

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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V		Size A3	
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P.CHATTERLEY	LONGITUDINAL SECTION	V181662-CI-DG	G-3002	29	3	

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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V		Size A3	
Authorised P.CHATTERLEY	RD03 - CH 680 - 1020 LONGITUDINAL SECTION	V181662-CI-DC	S-3003	Sheet No.	Revision 3	

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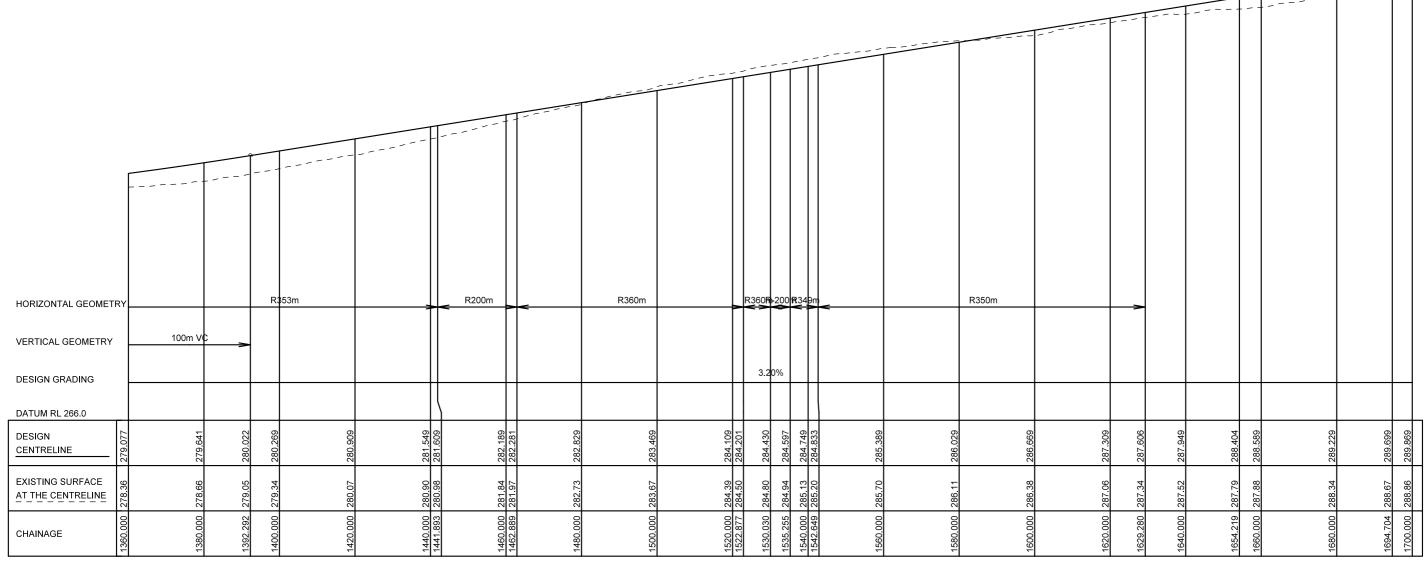




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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V		Size A3	
Authorised P.CHATTERLEY	RD03 - CH 1020 - 1360 LONGITUDINAL SECTION	V181662-CI-DO	G-3004	Sheet No.	Revision 3	

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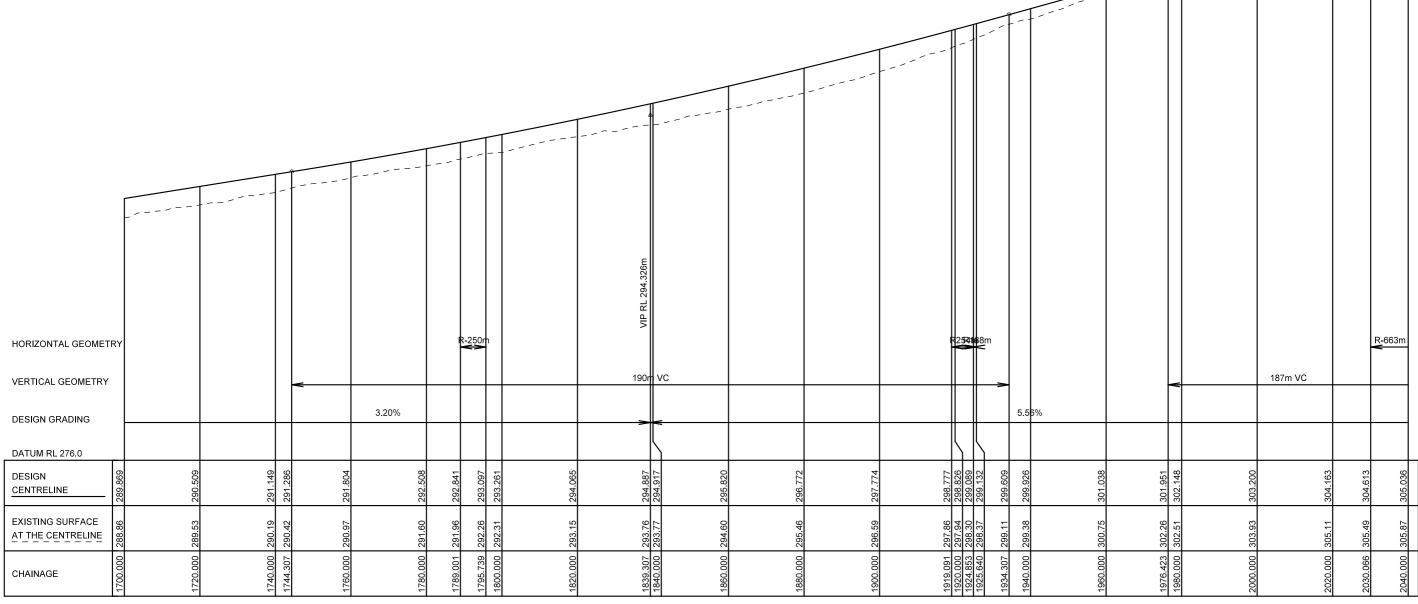




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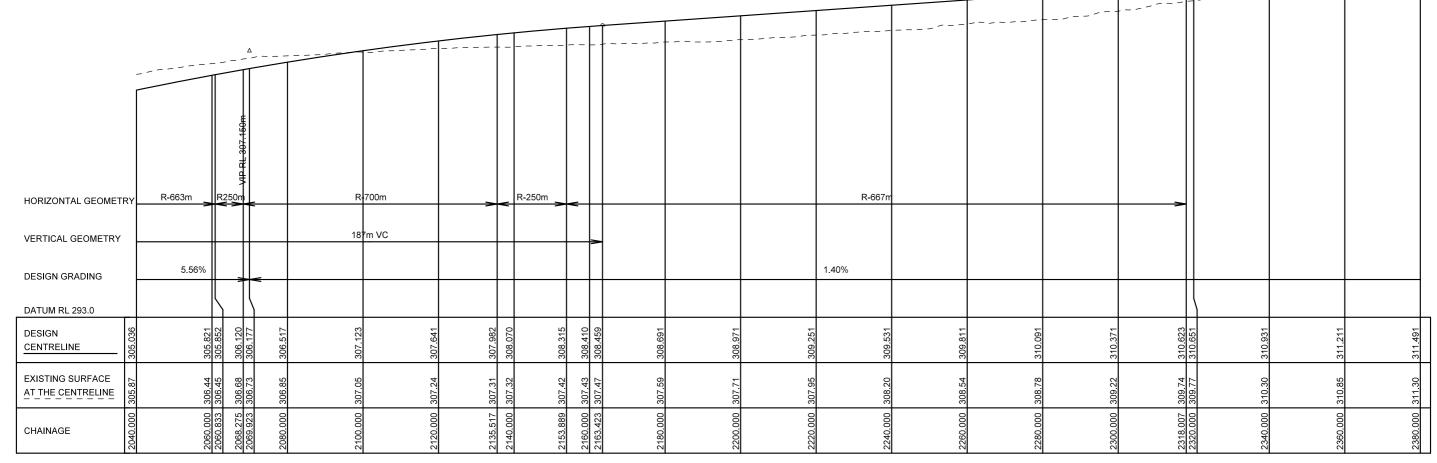




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P.CHATTERLEY	RD03 - CH 1700 - 2040 LONGITUDINAL SECTION	V181662-CI-DG	G-3006	33	3		

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P.CHATTERLEY	RD03 - CH 2040 - 2380 LONGITUDINAL SECTION	V181662-CI-DG	G-3007	34	3

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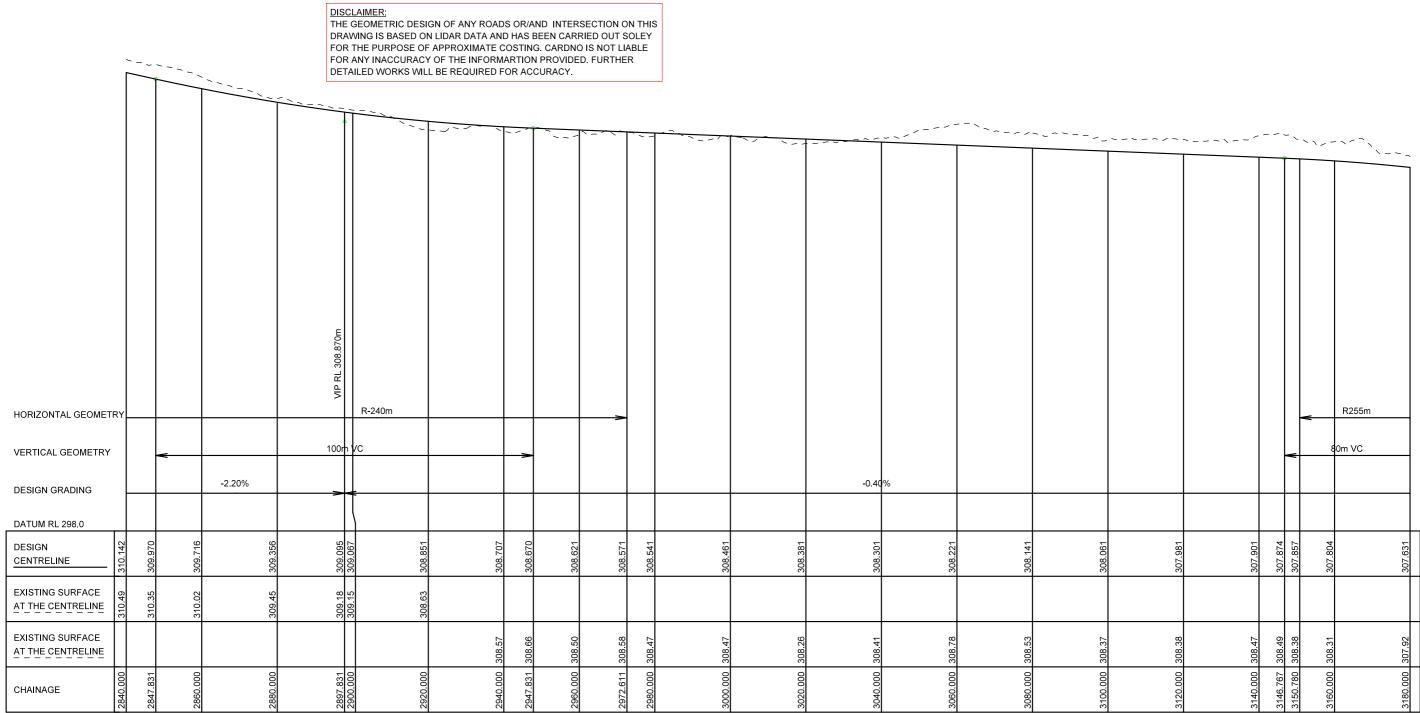
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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V		Size A3	
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P.CHATTERLEY	LONGITUDINAL SECTION	V181662-CI-DG	S-3009	36	3	



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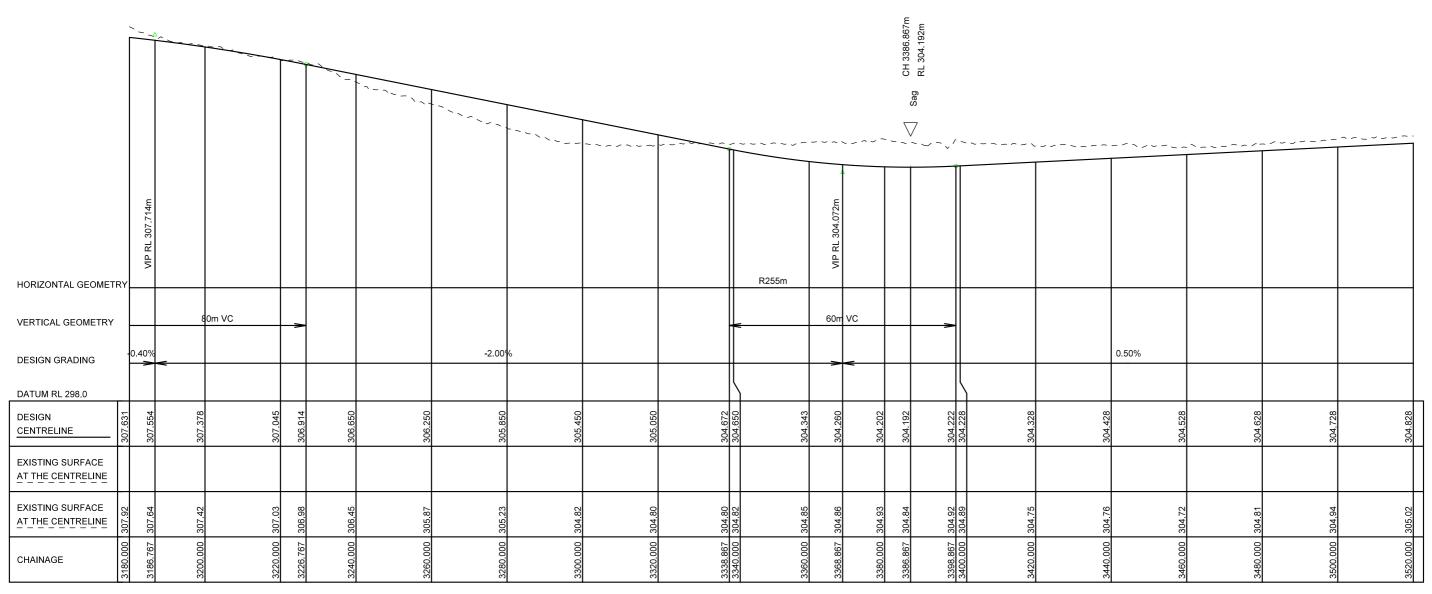


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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V 1:100	Size A3
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Drawn S.ELIAS	Client VICTORIAN PLANNING AUTHORITY			
Designed S.BECKHAM	, DEVERIDGE NORTHWEST FOR	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES		
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Author/sed P.CHATTERLEY	RD03B - CH 3180 - CH 3520 LONGITUDINAL SECTION	V181662-CI-DG	G-3011 38	3

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CH 3695.54m st RL 305.543m

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255m HORIZONTAL GEOMETRY 130m V VERTICAL GEOMETRY 0.50% -0.50 DESIGN GRADING DATUM RL 298.0 DESIGN CENTRELINE EXISTING SURFACE AT THE CENTRELINE EXISTING SURFACE AT THE CENTRELINE 3760.000 3760.540 CHAINAGE

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	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000, V 1:10	0 Size A3
Authorised P.CHATTERLEY	RD03B - CH 3520 - CH 3860 LONGITUDINAL SECTION	V181662-CI-DG		t No. Revision



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DETAILED WORKS WILL BE REQUIRED FOR ACCURACY. 유 교 \bigvee R-349m HORIZONTAL GEOMETRY 140m VC VERTICAL GEOMETRY 0.50% -0.5**0**% 3.80% DESIGN GRADING DATUM RL 298.0 DESIGN CENTRELINE EXISTING SURFACE AT THE CENTRELINE EXISTING SURFACE AT THE CENTRELINE CHAINAGE

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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V 1:100	
Authorised P.CHATTERLEY	RD03B - CH 3860 - CH 4200 LONGITUDINAL SECTION	V181662-CI-DG	Sheet No. 40	

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CH 4267.778m RL 313.532m CH 4419.467m RL 311.983m VIP RL 313.792m R-349m HORIZONTAL GEOMETRY 130m VC 60m VC 140m V<u>C</u> VERTICAL GEOMETRY 0.50% -2.00% 0.70% DESIGN GRADING DATUM RL 305.0 DESIGN CENTRELINE EXISTING SURFACE 314.50 312.18 312.24 AT THE CENTRELINE EXISTING SURFACE AT THE CENTRELINE CHAINAGE

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Authorised	RD03B - CH 4200 - CH 4540	Drawing Number	•	Sheet No.	Revision		
P.CHATTERLEY	LONGITUDINAL SECTION	V181662-CI-DG	G-3014	41	3		

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CH 4743.513m RL 314.085m HORIZONTAL GEOMETRY 100m VC 100m VC VERTICAL GEOMETRY 0.70% 1.50% 1.00% DESIGN GRADING DATUM RL 306.0 DESIGN CENTRELINE EXISTING SURFACE AT THE CENTRELINE EXISTING SURFACE AT THE CENTRELINE CHAINAGE

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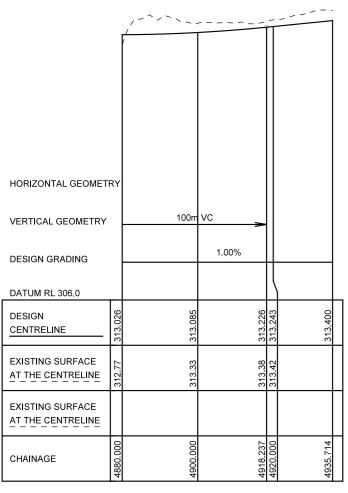




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Authorised	RD03B - CH 4540 - CH 4880	Drawing Number	Sheet N	Revision
P.CHATTERLEY	LONGITUDINAL SECTION	V181662-CI-DG	G-3015 42	3

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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V 1:100	Size A3
Authorised	RD04 - CH 14000 - CH 14340	Drawing Number	Sheet No	Revision
P.CHATTERLEY	LONGITUDINAL SECTION	V181662-CI-DG	G-3021 44	3

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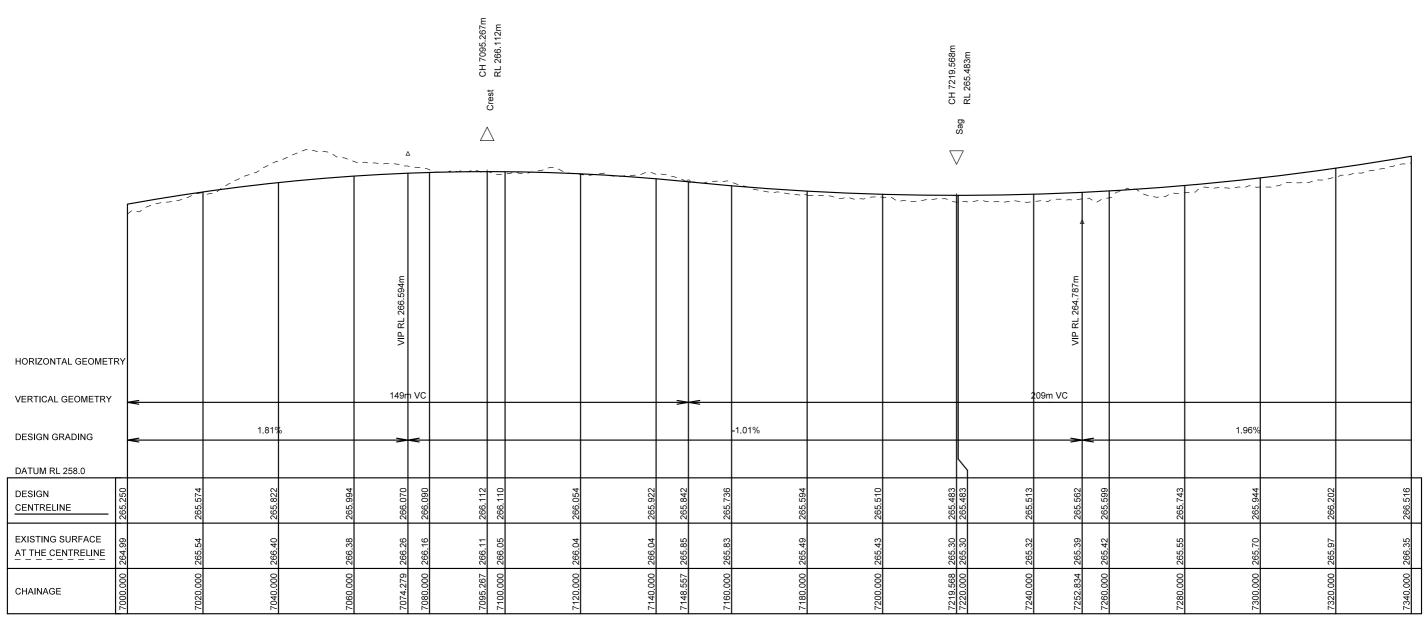
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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V	1:100	Size A3
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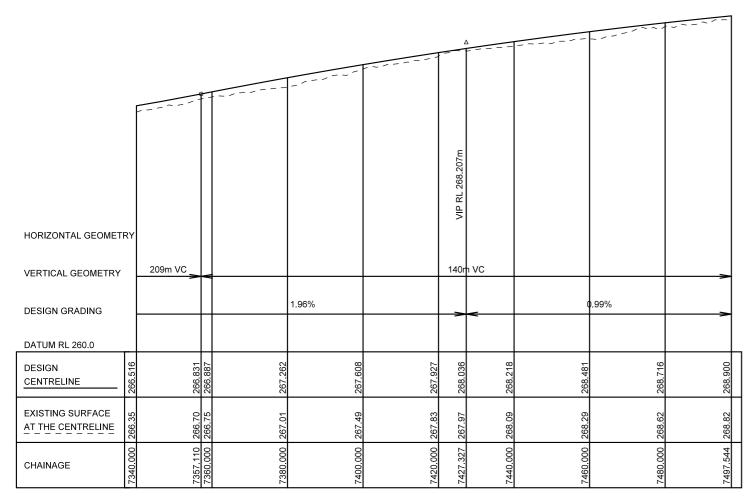




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S.ELIAS	Client VICTORIAN PLANNING AUTHORITY							
Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES						
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P.CHATTERLEY	LONGITUDINAL SECTION	V181662-CI-DG	S-3023	46	2			

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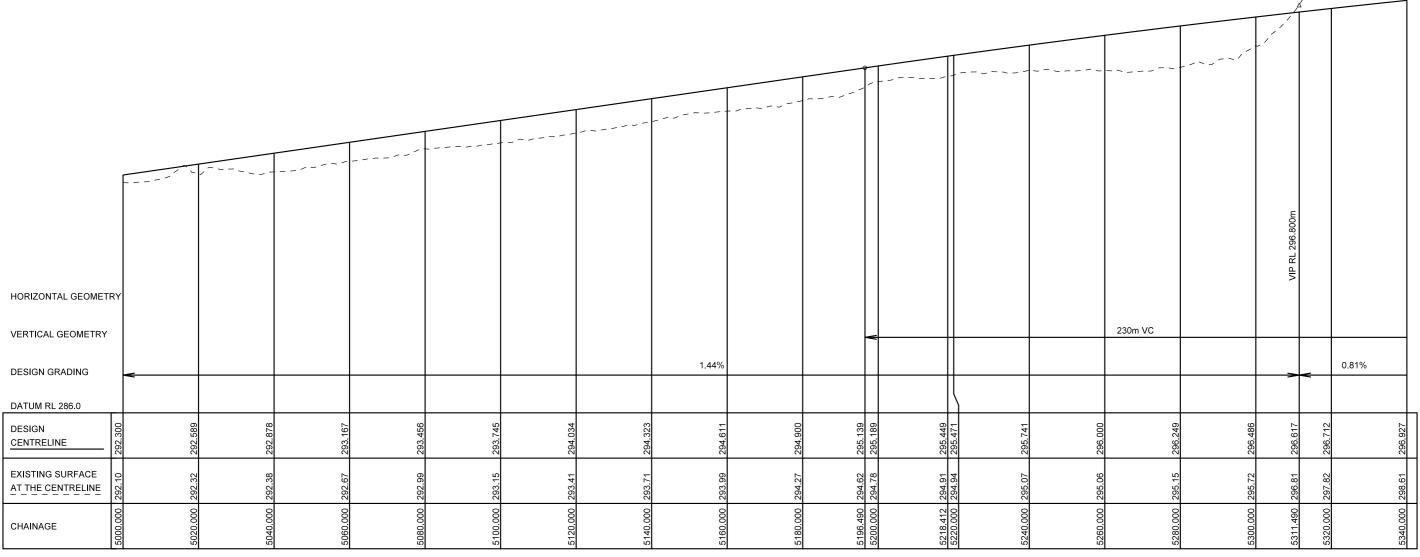




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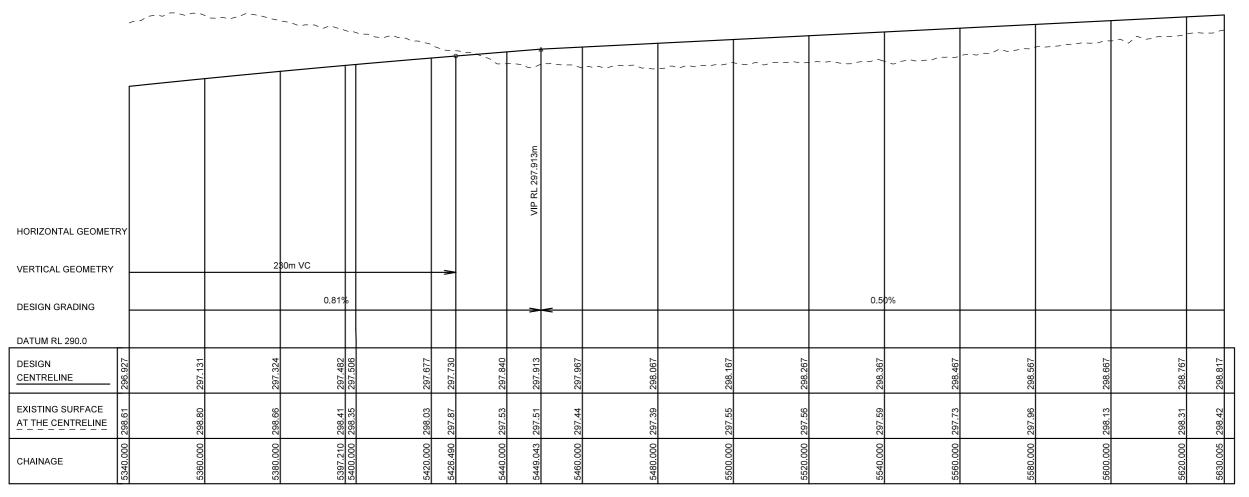




Drawn	Client								
S.ELIAS	Client VICTORIAN PLANNING AUTHORITY								
Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES							
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V 1		Size A3				
Authorised	RD04 - CH 5000 - CH 5340	Drawing Number		Sheet No.	Revision				
P.CHATTERLEY	LONGITUDINAL SECTION	V181662-CI-DG	G-3025	48	2				

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5	Cardno Shaping the Future
ABN	V: 47 106 610 913

Drawn S.ELIAS	Client VICTORIAN PLANNING AUTHORITY							
Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES						
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:1000; V 1:1		Size A3			
Authorised	RD04 - CH 5340 - CH 5630	Drawing Number	Sh	et No.	Revision			
P.CHATTERLEY	LONGITUDINAL SECTION	V181662-CI-DG	G-3026	49	2			

		Jin A		1 in 40	1 in 33	1 in 33	1 in 33	1 in 204
DATUM RL 264.00			la Le					RB III
DESIGN SURFACE LEVEL	266.82	267.27	267.31	1 . 1	267.19	267.15	267.25 267.38	267.28
EXISTING SURFACE LEVEL	266.82	266.88	267.93	267.00		267.13	267.27 267.28	269.00
OFFSET	-12.272	-10.500	-8.500	-5.500	-3.800	00000	3.200	23.500
								CH 280

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Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES						
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3				
Authorised	RD03 - CH 280	Drawing Number	Sheet	No. Revision				
P.CHATTERLEY	CROSS SECTIONS	V181662-CI-DG	G-4001 5	0 4				

	1 in 42 1 in 40 1 in 33 — 1 in 33 — — — — — — — — — — — — — — — — — —	1 in 204
DATUM RL 265.00 DESIGN SURFACE LEVEL	267.46 267.92 267.78 267.73 267.79 267.79	267.83 RBI
EXISTING SURFACE LEVEL	267.46 267.48 267.56 267.71 267.76 268.15 268.15	268.82
OFFSET	-11.910 -10.500 -3.800 -3.200 -3.200 3.800 3.800	23.500 28.450

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Drawn S.ELIAS	Client VICTORIAN PLANNING AUTHORITY			
	ProjectBEVERIDGE NORTHWEST PSP	Status		
Designed S.BECKHAM	INFRASTRUCTURE DESIGNS AND COSTINGS	NOT TO BE USED FOR	ELIMINARY R CONSTRUCTION PU	RPOSES
Checked			Scale	Size
C.MENDOZA	Title	31.10.21	H 1:200, V 1:100	A3
Authorised	RD03 - CH 350	Drawing Number	Sheet No	Revision
P.CHATTERLEY	CROSS SECTIONS	V181662-CI-DG	G-4002 51	4

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		1 in 4						RBL
DATUM RL 265.00								
DESIGN SURFACE LEVEL	267 48	268 03	268.08	268.01	267.96	267.92	268.01 268 15	268.05 268.41
EXISTING SURFACE LEVEL	267 48	267.49	37.6	267.65		267.87	267.82 267.82	268.34 268.41
OFFSET	-12 705	-10 500			-3.800	0.000	3.200	23.500

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Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSE							
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3					
Authorised	RD03 - CH 380	Drawing Number	Sheet N	lo. Revision					
P.CHATTERLEY	CROSS SECTIONS	V181662-CI-DG	G-4003 52	2 4					

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Email: victoria@cardno.com.au Web: www.cardno.com.au/victoria	01

	Drawn S.ELIAS	Client VICTORIAN PLANNING AUTHORITY					
	Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOS				
	Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1		Size A3	
ł	Authorised	RD03 - CH 1060	Drawing Number		Sheet No.	Revision	
	P.CHATTERLEY	CROSS SECTIONS	V181662-CI-DG	i - 4004	53	4	

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DATUM RL 272.00					18 X	
DESIGN SURFACE LEVEL	274.15 274.30 274.35	274.28 274.23 274.09	274.19 274.28 274.42		274.32	
EXISTING SURFACE LEVEL	274.10 274.09 274.25	274.49 274.59 274.59	274.67 274.79 274.81		275,34	
OFFSET	11.125 10.500 8.500	-5.500 -3.200	0.000 3.200 3.800		23.500	

CH 1060

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DATUM RL 276.00									\perp	
DESIGN SURFACE LEVEL	278.68	280.38	280.66	280.58	280.53 280.40	280.27	280.14	72082	280.40	281.05
EXISTING SURFACE LEVEL	278.62	278.82	278.87	279.03	279.14 279.16	279.29	279.42 270.46	2/9.45	280.75	280.95
OFFSET	-17.321	-10.500	-8.500	-5.500	-3.800	0.000	3.200		23.500	26.094
								CH 1400		

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Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES							
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3					
Authorised	RD03 - CH 1400	Drawing Number	Sheet N	o. Revision					
P.CHATTERLEY	CROSS SECTIONS	V181662-CI-DG	G-4005 54	4					

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3	27.07.19	SHEET NUMBERS UPDATED	VA	FH	party arising out of any use or reliance by third party
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Drawn S.ELIAS	Client VICTORIAN PLANNING AUTHORITY									
Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES								
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3						
Authorised	RD03 - CH 2030	Drawing Number	Sheet I	lo. Revision						
P.CHATTERLEY	CROSS SECTIONS	V181662-CI-DG	G-4006 5	5 4						

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DATUM RL 302.00						Ц				
DESIGN SURFACE LEVEL	306.22	304 84	304.78	304.70	304.65	304.52	304.61	304.71	304.84	304.75 304.62
EXISTING SURFACE LEVEL	306.18	305 85	305.80	305.71	305.59	305.57	305.44	305.40	305.39	304.50 304.50
OFFSET	-16.472	-10 500	-8.500	-5.500		-3.200	0.000	3.200	3.800	23.500 23.991

CH 2030

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Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES								
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3						
Authorised P.CHATTERLEY	RD03B - CH 2700 CROSS SECTION	V181662-CI-DG		o. Revision						

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			1 in 47	1 in 40 1 ii	30	1 in 30	1 in 30	1 in 337		1 in 4
DATUM RL 308.00			LBL						RBL	
DESIGN SURFACE LEVEL	314.53	312.18	312.23	312.15	312.09 311.96	312.07	312.17	317.26	312.20	310.68
EXISTING SURFACE LEVEL	314.526	313.542	313.372	313.132	313.011 312.969	312.724	312.474	312.443	311.009	310.676
OFFSET	-19.872	-10.500	-8.500	-5.500	-3.800	000.0	3.200	3,800	23.500	29.597

CH 2700

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DATUM RL 302.00		LBL			
DESIGN SURFACE LEVEL	309.81	308.58 308.62	308.55 308.49 308.35	308.46 308.57 308.65	308.59
EXISTING SURFACE LEVEL	309.81	309.53 309.39	309.06 308.89 308.82	308.47 308.08 308.01	305.01
OFFSET	-15,447	-10.500	-5.500 -3.800 -3.200	3.200	23.500
					CH 3000

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Drawn S.ELIAS	Client VICTORIAN PLANNING AUTHORITY			
Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	NOT TO BE USED FO	ELIMINARY R CONSTRUCTION PU	RPOSES
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3
Authorised P.CHATTERLEY	RD03B - CH 3000 CROSS SECTION	V181662-CI-DC		Revision 4

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DATUM RL 301.00		LBL					•	RBL
ESIGN JRFACE LEVEL	304.88	304.34	304.60 304.53	304.47 304.33	304.23	304.12 304.21		304.36 304.57
ISTING RFACE LEVEL	304.88	304.78	304.82	304.88 304.89	304.89	304.85 304.85		304.57
FSET	.12.648	-10.500	-8.500 -5.500	-3.200	0.000	3.200		23.500

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DATUM RL 302.00			LBL								
DESIGN SURFACE LEVEL	305.12	305.57	305.82	305 75	305.69	305.56	20 20	305.43		000	304.56
EXISTING SURFACE LEVEL	305.12		l LO	304.97	304.92	304.91	il -	304.75		00,400	304.56
OFFSET	-12.291	-10.500	-8.500	-5 500	-3.800	-3.200	000	3.800		0000	27.611

CH 3300

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Drawn S.ELIAS	Client VICTORIAN PLANNING AUTHORITY										
Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES									
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:1		Size A3						
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P.CHATTERLEY	CROSS SECTIONS	V181662-CI-DG	G-4009	58	4						

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DESIGN SURFACE LEVEL	305.14 305.30	305.56 305.48	305.42 305.29	305.18	305.08		305.32
EXISTING SURFACE LEVEL	305.14 305.16	305.12	305.05 305.08	305.04	305.02 305.02		304.92
OFFSET	-11.119	-8.500	-3.800	0.000	3.200		23.500

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DATUM RL 302.00									
DESIGN SURFACE LEVEL	305 99	305.34	305.60		305.47	305.23	305.12	305.21	305.26 305.26
EXISTING SURFACE LEVEL	305 99	2	305.88	305.76	305.74	305.63	305.55	305.56	305.26 305.26
OFFSET	-13 068	-10.500	-8.500	-5.500	-3.800	00000	3.200	3.800	23.500

CH 3600

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ABN	47 106 610 913

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Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES									
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3							
Authorised P.CHATTERLEY	RD03B - CH 3600 & 3800 CROSS SECTIONS	V181662-CI-DG		. Revision							

		1 in 4								_	
			1 in 47	1 in 40 1	in 30	1 in 30	1 in 30		1 in 337	RBL	11114
DATUM RL 308.00 DESIGN SURFACE LEVEL	2,00		311.37	311.34	311.28	311.25	311.36	311.44		311.39	312.10
EXISTING SURFACE LEVEL	0.00		313.289	313.277	313.257 313.238	313.217	313.104			312.240	312.101
OFFSET	, 0 0 0 0		-10.500	-5.500	-3.800 -3.200	0.000	3.200	3.800		23.500	26.359

1 in 47 1 in 40 1 in 30 1 in 337 1 in 30 1 in 30 LBL DATUM RL 303.00 DESIGN SURFACE LEVEL EXISTING SURFACE LEVEL OFFSET

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CH 4000

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141	4	31.10.21	NEW ALIGNMENT 3B & ADDRESS S/HOLDER COMMENTS	SE	PC
:	3	27.07.19	SHEET NUMBERS UPDATED	VA	FH
<u>.</u>	2	23.07.19	ADDRESSING STAKEHOLDER COMMENTS	SB	FH
9	1	02.05.19	ISSUED FOR INFORMATION	NV	EA
51	Rev	Date	Description	Drawn	Appr.

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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3	
Authorised P.CHATTERLEY	RD03B - CH 4000 & 4100 CROSS SECTIONS	V181662-CI-DG		o. Revision 4	

			1in 47	- 1 i n 40 -	1 in 30	1 in 30	- 11in 30		1 in 337	
DATUM RL 310.00			TBT						RBL	
DESIGN SURFACE LEVEL	313 79	313.52	ල	313.48		313.29	313.51	313.59	313.53	313.53
EXISTING SURFACE LEVEL	313 788	313.780	<u>ල</u>	313.693	ı k		313,698	313.696		
OFFSET	-11 586	-10.500	-8.500		-3.800	-3.200	3,200	3.800	23.500	23.534

CH 4935.71

	1 in 47	1 in 40 1 in 30	1 in 30 1 in 30	1 in 337	
			11100		1 in 4
	LBL LBL			RBL	
DATUM RL 309.00				α α	
DESIGN SURFACE LEVEL	312.82	312.96 312.90 312.90 312.76	312.87 317.08	313.00	311.70
EXISTING SURFACE LEVEL	312.818	312.671 312.636 312.626	312.595	312.475	311.697
OFFSET	-11.178	-5.500 -3.800 -3.200	0000	3.800	28.730

CH 4350

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5	Rev	Date	Description	Drawn	Appr.	Ĺ

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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3	
Authorised	RD03B - CH 4350 & 4935.714	Drawing Number	Shee	No. Revision	
P.CHATTERLEY	CROSS SECTIONS	V181662-CI-DG-4012 6		61 4	

									1 in 33	
	7	7 in 4	1 in 50	1 in 30		1 in 30				
DATUM RL 306.00								Ш		
DESIGN SURFACE LEVEL	308.89	309.65	309.61	309.52	309.54	309.66	309.71	309.80	310.39 310.20	
EXISTING SURFACE LEVEL	308.89	309.01	309.03	309.17	309.40	309.38	309.41	309.42	310.17	
OFFSET	-16.730	-13.700	-11.700	-9.000	25.00	-1.700	000'0	0.600	20.300	

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3	27.07.19	SHEET NUMBERS UPDATED	VA	FH
2	23.07.19	ADDRESSING STAKEHOLDER COMMENTS	SB	FH
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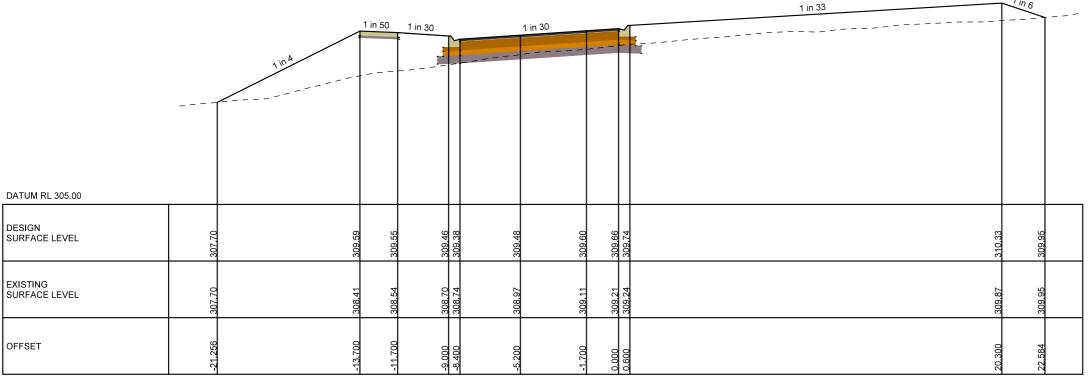
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Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1:100	Size A3	
Authorised	RD04 - CH 14300	Drawing Number	Sheet No	Revision	
P.CHATTERLEY	CROSS SECTION	V181662-CI-DG-4021 62		4	



CH 14364.95

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Ĭ	2	23.07.19	ADDRESSING STAKEHOLDER COMMENTS	SB	FH
2	1	02.05.19	ISSUED FOR INFORMATION	NV	EA
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Designed S.BECKHAM	Project BEVERIDGE NORTHWEST PSP INFRASTRUCTURE DESIGNS AND COSTINGS	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Checked C.MENDOZA	Title	Date 31.10.21	Scale H 1:200; V 1		Size A3
Authorised	RD04 - CH 14364.95	Drawing Number		Sheet No.	Revision
P.CHATTERLEY	CROSS SECTION	V181662-CI-DG	G-4022	63	4

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		1 in 4						- -			
		<u> </u>									
DATUM RL 306.00											
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DESIGN SURFACE LEVEL	29	309.51	747	88	309.30	9	309.52	309.58 309.66	25	16.	
	308	306	000	308	300		70		8	309	
EXISTING											
SURFACE LEVEL	8.59	308 66	71	884			30.502	309.12 309.15	ω Θ	19.91	
	308.	30	8	8	8 8		R		90	30	
OFFSET	7.383	13 700	1 700	000	8.400			0.000	000 000	2.345	
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								(CH 14400		

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Authorised	RD04 - CH 14400	Drawing Number	Sheet N	o. Revision					
P.CHATTERLEY	CROSS SECTION	V181662-CI-DG	G-4023 64	. 4					