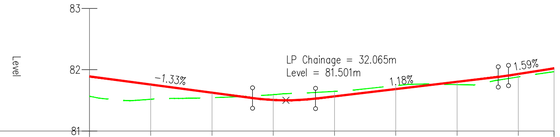


Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	111.496
Existing Levels	80.830	81.470	81.508	81.550	81.605	81.641	81.669	81.588	81.495	81.360	81.348	81.430	81.418
Proposed Levels	81.541	81.644	81.746	81.848	81.950	82.051	82.009	81.908	81.806	81.705	81.671	81.794	81.812
Level Difference	0.711	0.174	0.238	0.298	0.345	0.410	0.340	0.319	0.311	0.345	0.323	0.364	0.394
Horizontal Geometry	L=61.178						R=7.250 L=4.876		L=45.442				
Vertical Geometry	G=1.023% L=48.641					R=410.000 K=4.100 L=8.345	G=-1.012% L=36.381				R=327.963 K=3.280 L=7.381	G=1.238% L=10.748	

ROAD 04 – LONGSECTION

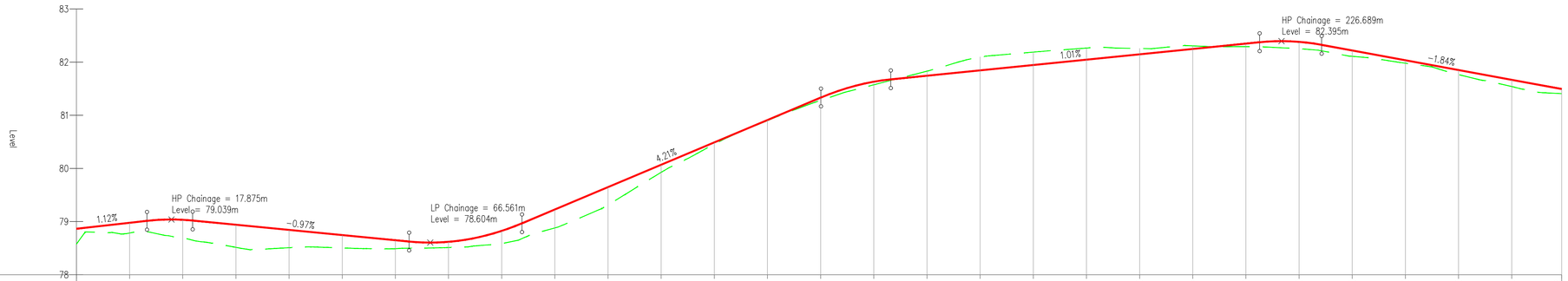
SCALE: H 1:500,V 1:50. DATUM: 81.000



Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	75.852
Existing Levels	81.567	81.517	81.544	81.592	81.646	81.740	81.756	81.881	81.968
Proposed Levels	81.891	81.758	81.625	81.506	81.566	81.684	81.802	81.930	82.023
Level Difference	0.325	0.241	0.081	-0.086	-0.080	-0.056	0.046	0.049	0.055
Horizontal Geometry	L=13.853		R=6.000 L=4.036		L=57.964				
Vertical Geometry	G=-1.331% L=26.607			R=410.000 K=4.100 L=10.299		G=1.181% L=29.808		R=414.176 K=4.148 L=6.675	G=1.585% L=7.463

ROAD 05 – LONGSECTION

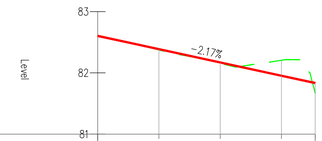
SCALE: H 1:500,V 1:50. DATUM: 81.000



Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000	270.000	279.402
Existing Levels	78.575	78.784	78.686	78.515	78.508	78.503	78.490	78.511	78.585	78.880	79.314	79.926	80.457	80.899	81.280	81.573	81.829	82.098	82.188	82.264	82.256	82.306	82.290	82.252	82.110	81.979	81.766	81.541	81.406
Proposed Levels	78.864	78.976	79.033	78.940	78.843	78.746	78.648	78.618	78.824	79.227	79.648	80.069	80.490	80.911	81.331	81.632	81.745	81.845	81.946	82.046	82.147	82.248	82.348	82.381	82.219	82.035	81.851	81.666	81.493
Level Difference	0.289	0.192	0.347	0.425	0.335	0.243	0.158	0.108	0.239	0.347	0.334	0.143	0.032	0.011	0.051	0.059	-0.085	-0.253	-0.242	-0.218	-0.109	-0.058	0.058	0.130	0.110	0.056	0.085	0.126	0.087
Horizontal Geometry	L=68.481							R=11.000 L=9.420	L=36.293			R=11.000 L=7.859	L=40.704				R=3.250 L=9.486 L=7.828	R=7.750 L=1.182	L=84.027								R=6.000 L=2.770	L=20.342	
Vertical Geometry	G=1.125% L=13.264	R=410.000 K=4.100 L=8.600	G=-0.973% L=40.708					R=410.000 K=4.100 L=21.244	G=4.208% L=56.239				R=410.000 K=4.100 L=13.129	G=1.006% L=69.380								R=410.000 K=4.100 L=11.679	G=-1.842% L=45.159							

ROAD 06 – LONGSECTION

SCALE: H 1:500,V 1:50. DATUM: 78.000



Chainage	00.000	10.000	20.000	30.000	35.495
Existing Levels	82.605	82.375	82.156	82.206	81.670
Proposed Levels	82.605	82.388	82.170	81.953	81.834
Level Difference	0.000	0.013	0.015	-0.252	0.163
Horizontal Geometry	L=10.347	R=7.750 L=0.666		L=24.482	
Vertical Geometry	G=-2.172% L=35.495				

ROAD 07 – LONGSECTION

SCALE: H 1:500,V 1:50. DATUM: 81.000

S037

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NOTES
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Rev. No.	Date	REVISION NOTE	Dm. By	Chkd. By
P1	02.09.2022	ISSUED FOR PLANNING	JS	OS

Architect	Paul Byrne Architects
Project	Kilcock West SHD 2 Boycetown, Kilcock, Co. Kildare.
Title	Proposed Road Longsections Sheet 2 of 4
Dwg. No.	S037-CSC-XX-XX-DR-C-0113

Date	Dm by	Chkd by	Aprvd by	Scale	Revision
FEB 2021	JS	NB	OS	AS SHOWN @ A1	P1

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