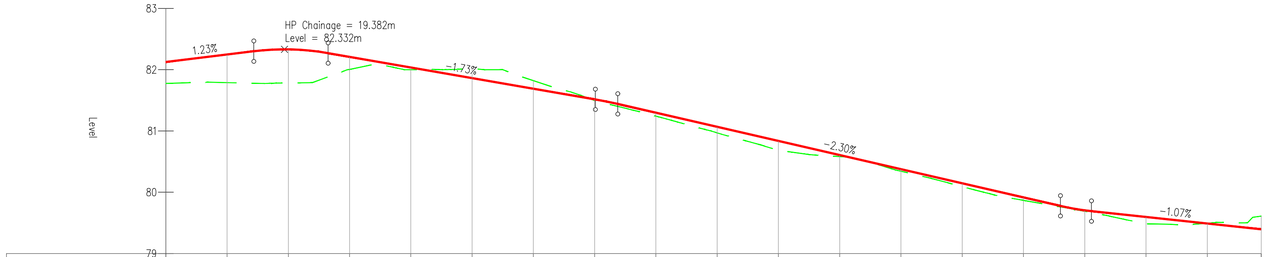


Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000	270.000	280.000	290.000	300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	387.398
Existing Levels	82.509	83.288	83.196	83.060	82.958	82.898	82.881	82.851	82.757	82.579	82.398	82.214	82.000	81.822	81.653	82.000	81.847	81.481	81.332	81.229	81.221	81.209	81.124	81.105	81.069	81.075	81.127	81.181	81.247	81.248	81.227	81.297	81.518	81.639	81.627	81.604	81.559	81.422	81.523	81.500	81.576	81.490
Proposed Levels	82.510	82.621	82.733	82.845	82.956	82.978	82.876	82.773	82.670	82.567	82.464	82.361	82.258	82.155	82.052	81.949	81.847	81.744	81.641	81.538	81.435	81.332	81.229	81.126	81.099	81.191	81.291	81.391	81.491	81.591	81.691	81.791	81.891	81.991	82.033	81.925	81.809	81.692	81.576	81.490
Level Difference	0.000	-0.667	-0.463	-0.216	-0.001	0.079	-0.005	-0.078	-0.087	-0.012	0.066	0.147	0.258	0.334	0.399	-0.051	0.365	0.411	0.412	0.316	0.226	0.208	0.124	0.057	0.024	0.065	0.110	0.145	0.243	0.364	0.395	0.273	0.252	0.365	0.429	0.366	0.387	0.170	0.076	
Horizontal Geometry	L=9.056	R=35.000 L=14.516	L=1.973	R=29.778 L=17.696	L=60.014	R=73.082 L=23.809	L=62.248	R=70.500 L=95.639	L=22.112	R=70.276 L=58.909	R=70.319 L=4.530	L=16.896																												
Vertical Geometry	G=1.117% L=40.790	R=470.000 K=4.700 L=10.087	G=-1.029% L=179.282	R=640.000 K=6.400 L=12.986	G=1.000% L=89.456	R=470.000 K=4.700 L=10.165	G=-1.163% L=44.641																																	

ROAD 01 (LINK ROAD) – LONGSECTION

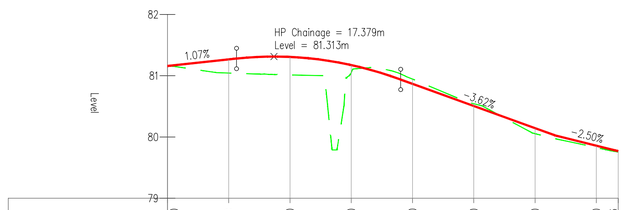
SCALE: H 1:500,V 1:50. DATUM: 80.000



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	178.816
Existing Levels	81.775	81.788	81.783	82.004	82.000	82.018	81.821	81.497	81.242	80.969	80.690	80.582	80.343	80.091	79.867	79.689	79.485	79.493	79.610
Proposed Levels	82.125	82.248	82.331	82.209	82.036	81.863	81.690	81.517	81.297	81.067	80.837	80.607	80.376	80.146	79.916	79.705	79.596	79.489	79.395
Level Difference	0.350	0.459	0.548	0.206	0.036	-0.155	-0.131	0.019	0.055	0.099	0.147	0.025	0.034	0.055	0.049	0.016	0.111	-0.003	-0.216
Horizontal Geometry	L=48.976	R=6.431 L=0.533	L=25.933	R=10.250 L=16.100	R=7.250 L=2.244 L=7.864	R=7.500 L=1.856 L=12.272	L=24.160	R=7.500 L=0.117	R=7.500 L=1.076 L=12.972	L=24.768									
Vertical Geometry	G=1.228% L=14.349	R=410.000 K=4.100 L=12.134	G=-1.732% L=43.631	R=640.000 K=6.400 L=3.654	G=-2.303% L=72.264	R=410.000 K=4.100 L=5.056	G=-1.070% L=27.727												

ROAD 02 – LONGSECTION

SCALE: H 1:500,V 1:50. DATUM: 79.000



Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	73.566
Existing Levels	81.160	81.044	81.013	81.054	80.945	80.544	80.054	79.827	79.753
Proposed Levels	81.160	81.267	81.307	81.173	80.868	80.506	80.144	79.868	79.769
Level Difference	0.000	0.223	0.294	0.120	-0.076	-0.038	0.090	0.031	0.016
Horizontal Geometry	L=40.658	R=7.500 L=1.081	L=31.846						
Vertical Geometry	G=1.071% L=11.262	R=571.005 K=5.710 L=26.789	G=-3.620% L=25.156	G=-2.500% L=10.360					

ROAD 03 – LONGSECTION

SCALE: H 1:500,V 1:50. DATUM: 79.000

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 1 of 4
Dwg. No.	S037-CSC-XX-XX-DR-C-0112

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

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Health & Safety OHSAS 18001:2007