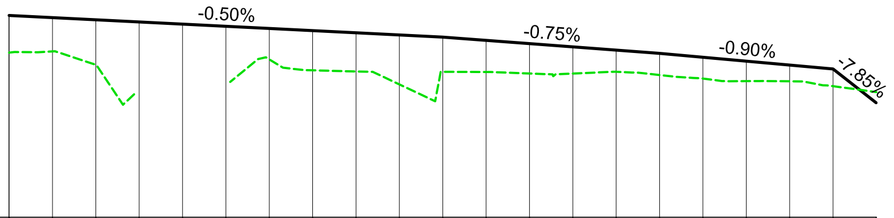
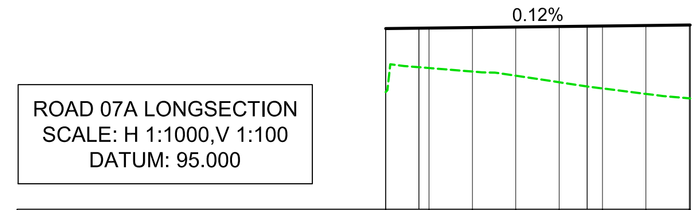


ROAD 07 LONGSECTION
SCALE: H 1:1000,V 1:100
DATUM: 95.000

Chainage	Existing Levels	Proposed Levels	Level Difference
00.000	98.797	99.655	-0.858
10.000	98.825	99.605	-0.780
20.000	98.517	99.555	-1.038
30.000		99.505	
40.000		99.455	
50.000		99.405	
60.000	98.649	99.355	-0.714
70.000	98.389	99.305	-0.915
80.000	98.362	99.255	-0.892
90.000	98.064	99.205	-1.141
100.000	98.355	99.155	-0.800
110.000	98.359	99.080	-0.720
120.000	98.316	99.005	-0.689
130.000	98.315	98.930	-0.615
140.000	98.356	98.855	-0.499
150.000	98.281	98.780	-0.499
160.000	98.209	98.690	-0.490
170.000	98.149	98.600	-0.460
180.000	98.136	98.510	-0.374
190.000	98.023	98.420	-0.397
199.683	97.890	97.659	0.231

Vertical Geometry: G =??? L =??? ; G =-0.500% L =100.000 ; G =-0.750% L =50.000

Horizontal Geometry

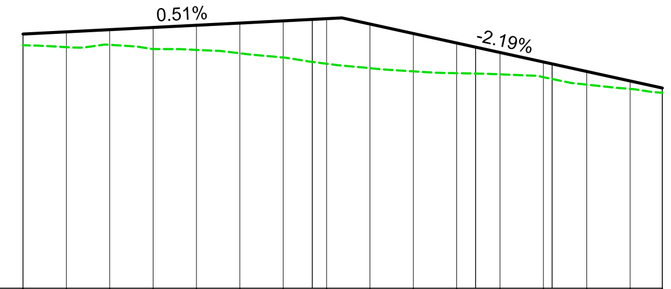


ROAD 07A LONGSECTION
SCALE: H 1:1000,V 1:100
DATUM: 95.000

Chainage	Existing Levels	Proposed Levels	Level Difference
00.000	97.702	99.166	-1.464
10.000	98.257	99.178	-0.921
20.000	98.176	99.190	-1.015
30.000	98.089	99.202	-1.123
40.000	97.930	99.214	-1.285
50.000	97.787	99.226	-1.439
60.000	97.661	99.238	-1.577
70.212	97.556	99.251	-1.694
70.800	97.538	99.239	-1.702

Vertical Geometry: G =0.120% L =70.212

Horizontal Geometry: L =7.655 ; L =38.816 ; L =23.741

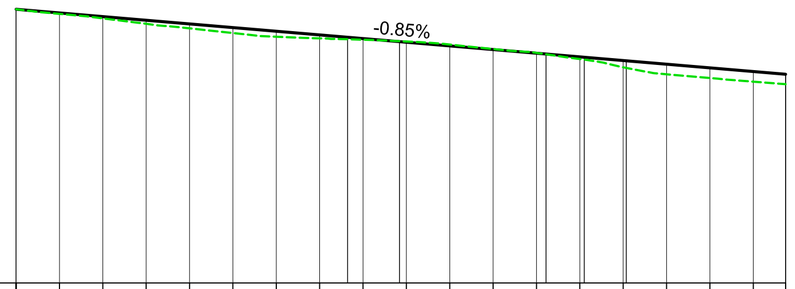


ROAD 08 LONGSECTION
SCALE: H 1:1000,V 1:100
DATUM: 95.000

Chainage	Existing Levels	Proposed Levels	Level Difference
00.000	100.605	100.862	-0.257
10.000	100.561	100.913	-0.352
20.000	100.614	100.964	-0.350
30.000	100.517	101.014	-0.498
40.000	100.497	101.065	-0.568
50.000	100.419	101.116	-0.697
60.000	100.322	101.167	-0.845
70.000	100.177	101.218	-1.040
80.000	100.076	101.094	-1.018
90.000	100.002	100.875	-0.873
100.000	99.960	100.656	-0.696
110.000	99.934	100.437	-0.503
120.000	99.869	100.218	-0.350
130.000	99.697	99.999	-0.302
140.000	99.598	99.760	-0.162
147.123	99.510	99.624	-0.114

Vertical Geometry: G =??? L =??? ; G =0.508% L =73.547

Horizontal Geometry: R: 92.966 L: 37.647

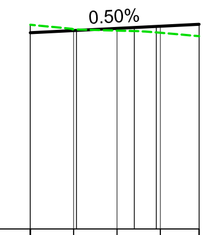


ROAD 09 LONGSECTION
SCALE: H 1:1000,V 1:100
DATUM: 95.000

Chainage	Existing Levels	Proposed Levels	Level Difference
00.000	101.312	101.312	0.000
10.000	101.206	101.227	-0.023
20.000	101.194	101.143	-0.042
30.000	100.973	101.058	-0.062
40.000	100.874	100.974	-0.102
50.000	100.763	100.889	-0.126
60.000	100.678	100.805	-0.127
70.000	100.644	100.720	-0.080
80.000	100.609	100.636	-0.026
90.000	100.568	100.551	0.017
100.000	100.497	100.467	0.030
110.000	100.394	100.382	0.012
120.000	100.306	100.297	0.008
130.000	100.169	100.213	-0.050
140.000	99.973	100.128	-0.156
150.000	99.812	100.044	-0.232
160.000	99.726	99.959	-0.234
170.000	99.642	99.875	-0.233
177.459	99.584	99.812	-0.228

Vertical Geometry: G =-0.845% L =177.459

Horizontal Geometry: R: 49.250 L: 11.952 ; R: 7.250 L: 9.686 ; L =76.456 ; L =33.804 ; L =8.813 ; L =36.749

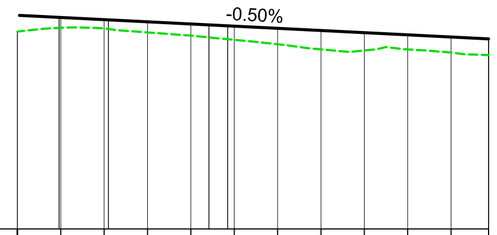


ROAD 09A LONGSECTION
SCALE: H 1:1000,V 1:100
DATUM: 95.000

Chainage	Existing Levels	Proposed Levels	Level Difference
00.000	99.708	99.525	0.183
10.000	99.602	99.575	0.027
20.000	99.574	99.625	-0.051
30.000	99.446	99.675	-0.151
38.929	99.446	99.720	-0.274

Vertical Geometry: G =0.500% L =38.929

Horizontal Geometry: R: 10.285 ; L =10.652 ; L =13.345 ; L =5.054 ; L =9.868

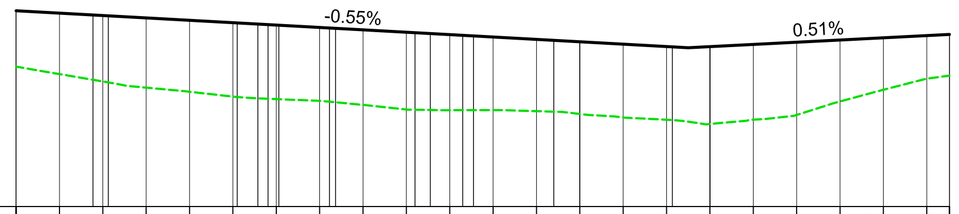


ROAD 10 LONGSECTION
SCALE: H 1:1000,V 1:100
DATUM: 95.000

Chainage	Existing Levels	Proposed Levels	Level Difference
00.000	99.552	99.877	-0.238
10.000	99.639	99.827	-0.205
20.000	99.622	99.777	-0.245
30.000	99.532	99.727	-0.267
40.000	99.469	99.677	-0.315
50.000	99.361		
60.000	99.259	99.627	-0.368
70.000	99.144	99.577	-0.436
80.000	99.115	99.527	-0.411
90.000	99.149	99.477	-0.337
100.000	99.068	99.427	-0.359
108.650	99.008	99.384	-0.375

Vertical Geometry: G =-0.500% L =108.185

Horizontal Geometry: R: 7.705 ; R: 8.750 ; L =9.628 ; L: 11.370 ; L =23.176 ; L: 4.308 ; L =60.168

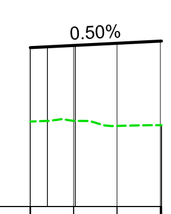


ROAD 11 LONGSECTION
SCALE: H 1:1000,V 1:100
DATUM: 95.000

Chainage	Existing Levels	Proposed Levels	Level Difference
00.000	98.226	99.515	-1.289
10.000	98.054	99.460	-1.406
20.000	97.884	99.405	-1.521
30.000	97.741	99.350	-1.609
40.000	97.646	99.295	-1.649
50.000	97.534	99.240	-1.705
60.000	97.477	99.185	-1.708
70.000	97.436	99.130	-1.693
80.000	97.344	99.075	-1.731
90.000	97.236	99.020	-1.783
100.000	97.221	98.965	-1.744
110.000	97.222	98.909	-1.687
120.000	97.199	98.854	-1.655
130.000	97.135	98.799	-1.664
140.000	97.054	98.744	-1.690
150.000	97.001	98.689	-1.688
160.000	96.903	98.687	-1.784
170.000	97.002	98.738	-1.735
180.000	97.111	98.789	-1.677
190.000	97.422	98.839	-1.417
200.000	97.692	98.890	-1.198
219.229	98.816	98.845	-0.029

Vertical Geometry: G =-0.550% L =155.000 ; G =0.508% L =60.229

Horizontal Geometry: R: 200.000 L =17.724 ; L =3.535 ; L =29.722 ; R: 22.199 ; R: 22.199 ; R: 22.199 ; R: 22.199 ; R: 22.199 ; L =18.311 ; L =18.503 ; L =6.019 ; L =21.341 ; R: 5.662 ; L: 8.703 ; L =55.186

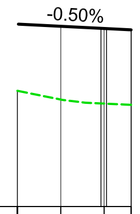


ROAD 11A LONGSECTION
SCALE: H 1:1000,V 1:100
DATUM: 95.000

Chainage	Existing Levels	Proposed Levels	Level Difference
00.000	96.960	98.664	-1.703
10.000	96.977	98.714	-1.737
20.000	96.859	98.765	-1.906
30.272	96.876	98.845	-1.969
30.000	96.876	98.845	-1.969

Vertical Geometry: G =0.504% L =30.260

Horizontal Geometry: R: 6.900 ; L =3.945 ; L =12.412 ; L =19.904



ROAD 11B LONGSECTION
SCALE: H 1:1000,V 1:100
DATUM: 95.000

Chainage	Existing Levels	Proposed Levels	Level Difference
00.000	97.668	99.156	-1.689
10.000	97.467	99.106	-1.639
20.000	97.374	99.075	-1.701
26.224	97.344		-1.731

Vertical Geometry: G =-0.500% L =25.996

Horizontal Geometry: R: 200.000 ; L =19.285 ; L =6.679

ISSUED FOR PLANNING

DIMENSIONS

Figured dimensions only to be taken from this drawing.
All dimensions to be checked on site.
Architects to be informed immediately of any discrepancies before work proceeds.

© COPYRIGHT

This drawing and any design hereon is copyright of JOR Consulting Engineers and must not be reproduced in whole or in part without their express written consent.

NOTES:

REV	DATE	DETAILS
A	07/12/18	ISSUED FOR PLANNING
1	16/11/18	DRAFT ISSUE

jor Joseph O'Reilly
Consulting Civil & Structural Engineers
Tel: 046 9077032 Fax: 046 9077932
Email: mail@jor.ie Web: www.jor.ie
Unit 1, St. Therese's Place, Flowerhill, Navan, Co. Meath

CLIENT: Rockture1 Limited

TITLE: Road Longsections Sheet 5

PROJECT: Proposed Strategic Housing Development at Dunshaughlin East

SCALE	DATE CREATED	DRAWN BY:	SC
1:1000 @ A1	October 2018	CHECKED BY:	MS

JOB No.	DRAWING No.	REV
J18-001	044	A