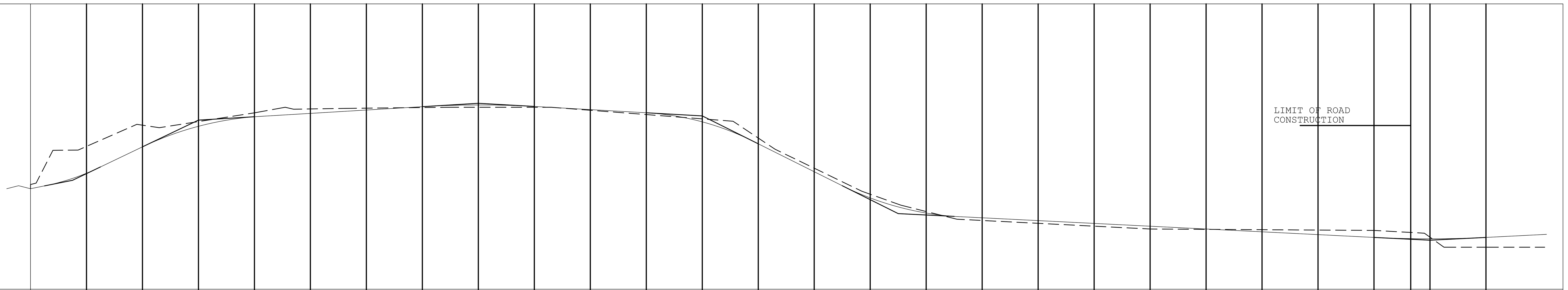


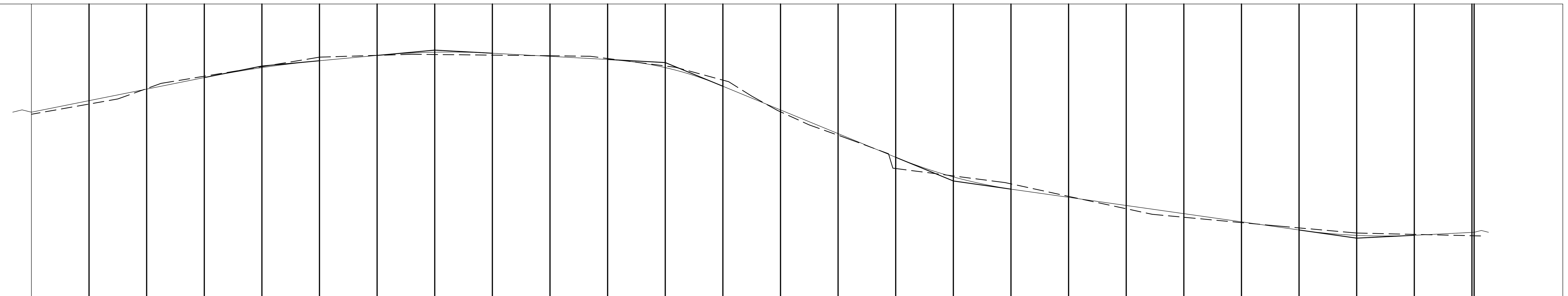
CHAINAGE	EXISTING GROUND LEVELS	ROAD DESIGN: LEFT LEVEL	ROAD DESIGN: CL LEVEL	ROAD DESIGN: RIGHT LEVEL
0.000	98.590	98.503	98.590	98.503
20.000	100.104	99.059	99.146	99.059
40.000	100.860	99.997	100.084	99.997
60.000	100.988	100.744	100.831	100.744
80.000	101.300	101.073	101.160	101.073
100.000	101.439	101.193	101.280	101.193
120.000	101.468	101.319	101.400	101.319
140.000	101.489	101.520	101.439	101.520
160.000	101.500	101.582	101.501	101.582
180.000	101.500	101.446	101.528	101.446
200.000	101.392	101.334	101.415	101.334
220.000	101.238	101.221	101.303	101.221
240.000	101.085	100.888	100.969	100.888
260.000	100.400	100.112	100.193	100.112
280.000	99.326	99.114	99.196	99.114
300.000	98.393	98.173	98.255	98.173
320.000	97.775	97.625	97.706	97.625
340.000	97.454	97.469	97.550	97.469
360.000	97.353	97.369	97.450	97.369
380.000	97.251	97.269	97.350	97.269
400.000	97.150	97.169	97.250	97.169
420.000	97.138	97.069	97.150	97.069
440.000	97.125	96.969	97.050	96.969
460.000	97.112	96.869	96.950	96.869
480.000	97.100	96.769	96.850	96.769
493.110	97.027	96.725	96.807	96.725
500.000	96.857	96.719	96.800	96.719

VERTICLE CURVE DATA: +2.00% | VPI1 - CH:15, LEVEL = 98.890, LENGTH = 20m, K = -0.069 | +4.778% | VPI2 - CH:60, LEVEL = 101.040, LENGTH = 40m, K = +0.052 | +0.600 % | VPI3 - CH:160, LEVEL = 101.640, LENGTH = 40m, K = +0.015 | -0.563% | VPI4 - CH:280, LEVEL = 114.120, LENGTH = 40m, K = +0.016 | -4.986% | VPI5 - CH:310, LEVEL = 97.700, LENGTH = 40m, K = -0.56 | -0.500% | VPI6 - CH:500, LEVEL = 96.750, LENGTH = 40m, K = -0.013 | +0.500%

SUPERELEVATION

ROAD 1 - LONGITUDINAL SECTION

HORIZONTAL SCALE 1 : 1000
VERTICAL SCALE 1 : 100



CHAINAGE	EXISTING GROUND LEVELS	ROAD DESIGN: LEFT LEVEL	ROAD DESIGN: CL LEVEL	ROAD DESIGN: RIGHT LEVEL
0.000	101.370	101.379	101.441	101.379
20.000	101.723	101.779	101.841	101.779
40.000	102.260	102.179	102.241	102.179
60.000	102.688	102.579	102.641	102.579
80.000	103.019	102.925	102.987	102.925
100.000	103.350	103.163	103.226	103.163
120.000	103.413	103.348	103.410	103.348
140.000	103.442	103.459	103.522	103.459
160.000	103.421	103.424	103.486	103.424
180.000	103.400	103.315	103.378	103.315
200.000	103.303	103.261	103.269	103.261
220.000	103.045	102.919	102.982	102.919
240.000	102.554	102.277	102.339	102.277
260.000	101.455	101.456	101.518	101.456
280.000	100.643	100.635	100.697	100.635
300.000	99.487	99.813	99.876	99.813
320.000	99.231	99.125	99.187	99.125
340.000	98.957	98.701	98.764	98.701
360.000	98.523	98.410	98.473	98.410
380.000	98.093	98.119	98.182	98.119
400.000	97.798	97.828	97.891	97.828
420.000	97.612	97.537	97.599	97.537
440.000	97.429	97.246	97.308	97.246
460.000	97.250	97.053	97.115	97.053
480.000	97.204	97.055	97.117	97.055
500.000	97.157	97.155	97.217	97.155
500.750	97.155	97.158	97.221	97.158

VERTICLE CURVE DATA: +2.000 % | VPI1 - CH:80, LEVEL = 103.041, LENGTH = 40m, K = +0.013 | +0.923 % | VPI2 - CH:140, LEVEL = 103.595, LENGTH = 40m, K = +0.018 | -0.544 % | VPI3 - CH:220, LEVEL = 103.160, LENGTH = 40m, K = +0.045 | -4.105 % | VPI4 - CH:320, LEVEL = 99.055, LENGTH = 40m, K = -0.034 | -1.456 % | VPI5 - CH:460, LEVEL = 97.073, LENGTH = 40m, K = -0.024 | +0.501 %

SUPERELEVATION

ROAD 2 - LONGITUDINAL SECTION

HORIZONTAL SCALE 1 : 1000
VERTICAL SCALE 1 : 100

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2. DO NOT SCALE, USE FIGURED DIMENSIONS ONLY
3. ALL LEVELS TO BE CHECKED ON SITE BY THE CONTRACTOR AND ANY DISCREPANCIES (DIMENSIONS) SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION
4. ALL LEVELS ARE TO ORDNANCE DATUM MALIN HEAD

REV	DATE	DESCRIPTION	DWG BY	APP/ CHK
A	08/08/'17	ROAD 1 WIDTH REVISED UP TO CH 110	JC	AM

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BALLYMOUNT PROPERTIES LTD.

ARCHITECT:
RKD ARCHITECTS

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PROJECT:
RESIDENTIAL AND NEIGHBOURHOOD CENTRE DEVELOPMENT (PHASE 1)

TITLE:
PHASE 1
ROAD LONGITUDINAL SECTIONS
SHEET 1 OF 3

STATUS:
PLANNING APPLICATION

DRAWN: AM | DES. BY: AM
CHK. BY: JN | APP. BY: KR
DATE: 28/07/'17 | JOB No. R1831
A1 SCALE: 1:1000 @ A1
DRG. No. 028 | REV. A

R1831-022E_023E_024E_025E_028A_029_030A.dwg