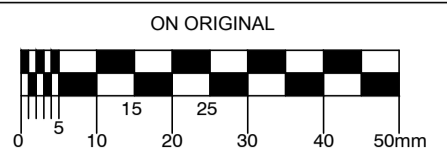


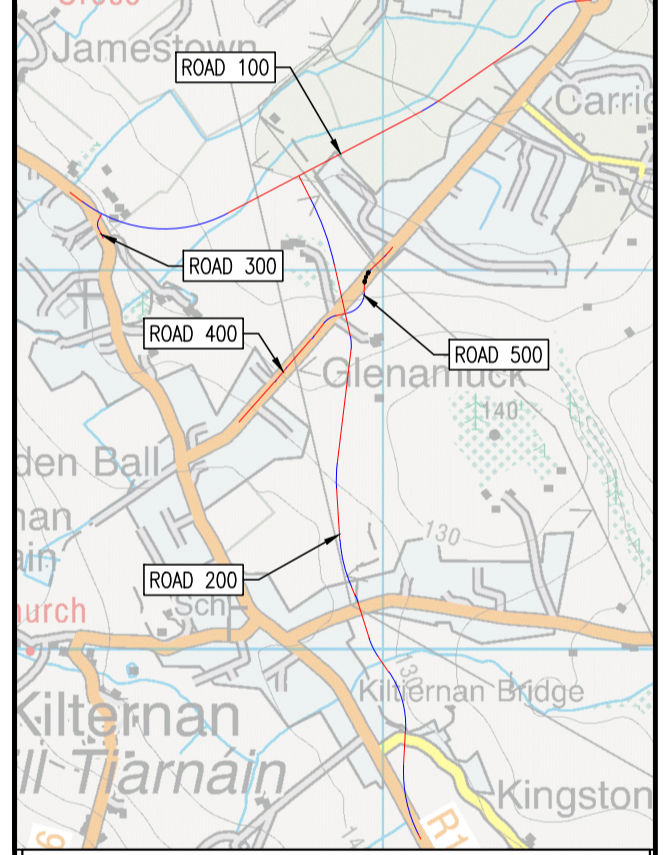
© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.



NOTES:
1. ALL DETAILS SHOWN ARE PRELIMINARY DESIGNS FOR PLANNING ONLY AND ARE SUBJECT TO FURTHER DEVELOPMENT DURING DETAILED DESIGN

LEGEND
 --- EXISTING GROUND PROFILE
 --- PROPOSED GROUND PROFILE STRAIGHT
 --- PROPOSED GROUND PROFILE CURVE

KEY PLAN



© ORDNANCE SURVEY IRELAND. ALL RIGHTS RESERVED. LICENCE NUMBER 2013/15CCM/DUN LAOGHAIRE-RATHDOWN COUNTY COUNCIL

REV	DATE	DESCRIPTION	BY	CHKD
P1	13-03-19	ISSUED FOR PLANNING	DJG	JPC
DRAWING SUITABILITY S2 - FOR INFORMATION				
PLANNING				
DESIGNED	JPC	PREPARED	DJG	
DATE	SEP 2018	CHECKED	FLJK	

DBFL
 DUBLIN OFFICE Ormond House, Upper Ormond Quay, Dublin 7, Ireland. PHONE +353 1 400 4000 FAX +353 1 400 4050
 WATERFORD OFFICE Unit 2, The Chandlers, 1-2 O'Connell Street, Waterford, Ireland. PHONE +353 51 309 500 FAX +353 51 844 913
 DBFL Consulting Engineers email: info@dbfl.ie site: www.dbfl.ie

PROJECT
GLENAMUCK DISTRICT ROADS SCHEME

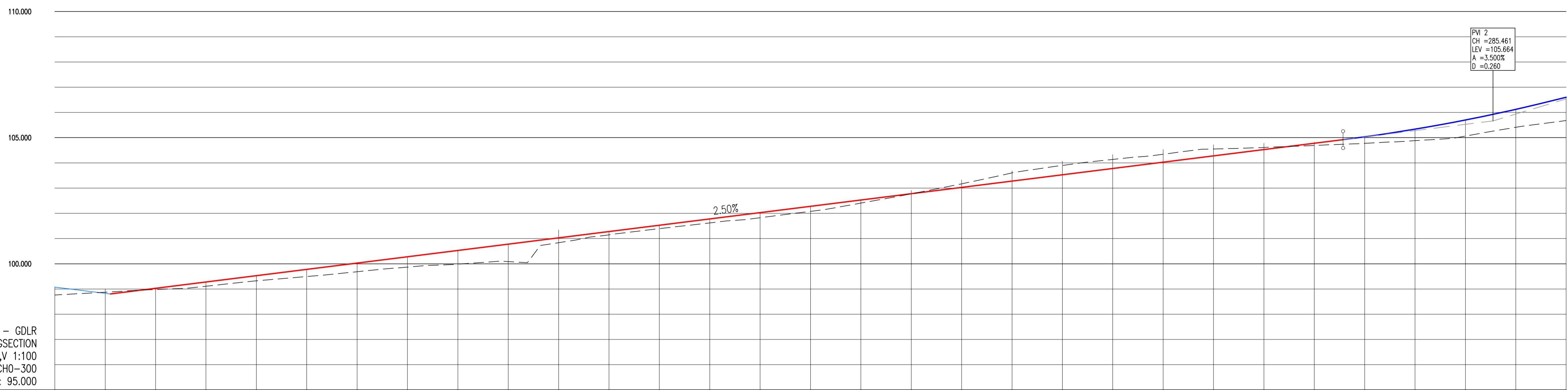
DRG. TITLE
HORIZONTAL AND VERTICAL GEOMETRY SHEET 4

CLIENT
dlr
Comhairle Contae County Council

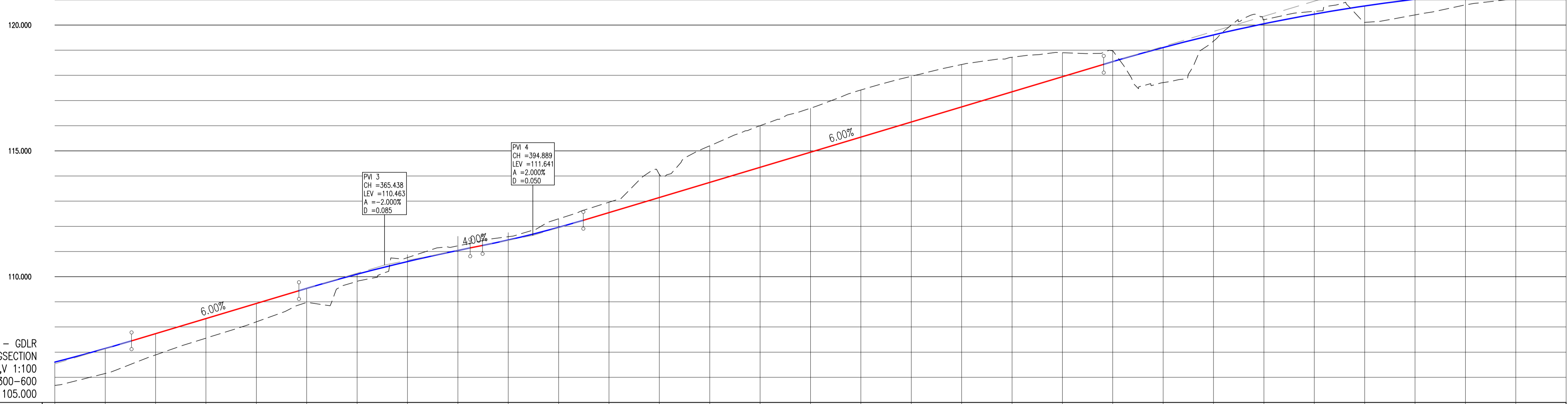
SCALE AS SHOWN @A1 FILE REF. 1:1000 H 1:200 V @A3 170172-DBFL-01-XX-DR-C-2021

DBFL DRG. NO. 170172-DBFL-01-XX-DR-C-2024 P1

EIA/Figure REF **FIGURE 5-20**



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														
EXISTING GROUND LEVELS	98.763	98.873	98.980	99.111	99.325	99.493	99.686	99.869	99.986	100.086	100.836	101.147	101.393	101.620	101.825	102.078	102.405	102.774	103.170	103.601	103.900	104.137	104.342	104.551	104.609	104.690	104.774	104.880	105.062	105.411	105.678														
PROPOSED LEVELS		99.028	99.278	99.528	99.778	100.028	100.278	100.528	100.778	101.028	101.278	101.528	101.778	102.028	102.278	102.528	102.778	103.028	103.278	103.528	103.778	104.028	104.278	104.528	104.777	105.033	105.337	105.701	106.123	106.604															
VERTICAL GEOMETRY	G = 2.500% 1:4.00															R = 1700.000 K = 17.000 L = 59.507																													
HORIZONTAL GEOMETRY	L = 69.170															R = 720.000 L = 184.431															L = 194.971														



CHAINAGE	300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	390.000	400.000	410.000	420.000	430.000	440.000	450.000	460.000	470.000	480.000	490.000	500.000	510.000	520.000	530.000	540.000	550.000	560.000	570.000	580.000	590.000	600.000														
EXISTING GROUND LEVELS	105.878	106.152	106.891	107.556	108.205	108.975	109.813	110.728	111.043	111.589	112.200	112.960	113.147	113.747	114.201	114.695	115.547	116.147	116.747	117.547	118.301	118.546	119.106	119.607	120.050	120.544	120.758	121.024	121.231	121.379	121.482														
PROPOSED LEVELS	106.604	107.144	107.736	108.336	108.936	109.536	110.097	110.599	111.043	111.458	111.959	112.547	113.147	113.747	114.347	114.947	115.547	116.147	116.747	117.347	117.947	118.546	119.106	119.607	120.050	120.433	120.758	121.024	121.231	121.379	121.482														
VERTICAL GEOMETRY	R = 1700.000 K = 17.000 L = 59.507		G = 6.000% 1:16.7		R = 1700.000 K = 17.000 L = 34.000		G = 4.000% 1:25.0		R = 1000.000 K = 10.000 L = 20.000		G = 6.000% 1:16.7		R = 1700.000 K = 17.000 L = 84.997		G = 1.000% 1:100.0																														
HORIZONTAL GEOMETRY	L = 194.971															R = 104.000 L = 35.229															L = 302.669														