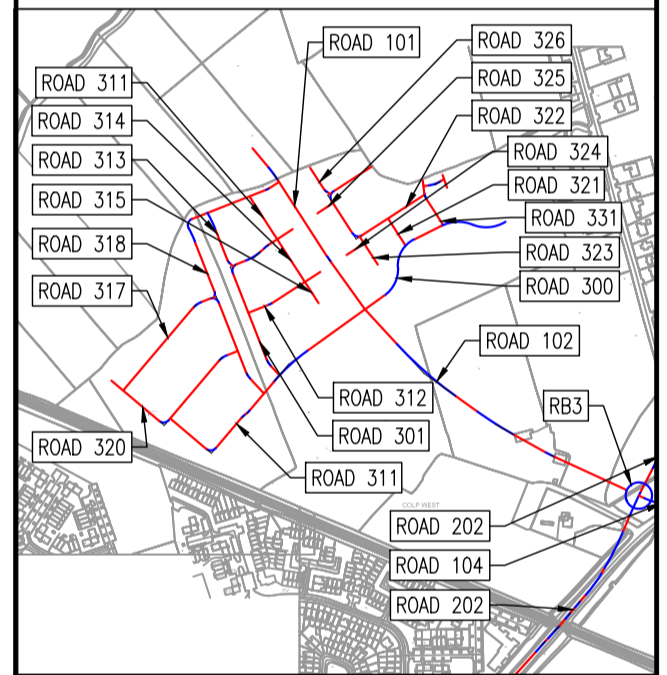




- NOTES:
1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS.
 2. ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
 3. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR (TM).
 4. ALL LEVELS ARE TO ORDNANCE DATUM AND ARE IN METRES.
 5. ALL TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT SHALL COMPLY FULLY WITH THE NRA SPECIFICATION FOR ROAD WORKS.
 6. THE CONTRACTOR MUST LAISE DIRECTLY WITH MEATH COUNTY COUNCIL AS REQUIRED.
 7. ALL VEHICULAR & OPERATIONAL ROUTES WITHIN AND SURROUNDING THE WORKS EXTENTS MUST BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT PLAN AND SHALL COMPLY FULLY WITH THE PROVISIONS OF CH.8 OF THE TRAFFIC SIGNS MANUAL.
 8. CONTRACTOR SHALL EMPLOY THE SERVICES OF AN APPROVED SURVEY COMPANY TO ESTABLISH THE GRID IDENTIFIED MEET FULLY THE REQUIREMENTS OF THE NRA SPECIFICATION FOR ROAD WORKS AND IN ADDITION THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION S.R. 21:2014 GUIDANCE ON THE USE OF I.S. EN 13242-2002 +A1:2007 - AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION.
 9. ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE NRA SPECIFICATION FOR ROAD WORKS AND IN ADDITION THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION S.R. 21:2014 GUIDANCE ON THE USE OF I.S. EN 13242-2002 +A1:2007 - AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION.
- DRAWING SPECIFIC NOTES:
1. REFER TO DRGS 170092-2000 TO 2004 FOR HORIZONTAL ALIGNMENT INFORMATION.
 2. REFER TO DRG 170092-2011 FOR TYPICAL CROSS SECTIONAL CONSTRUCTION DETAILS.

KEY

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



KEYPLAN

REV.	DATE	DESCRIPTION	BY	CHKD.
PLANNING SHD STAGE 3				
DESIGNED	DMW	PREPARED	DJG	
DATE	OCT 2019	CHECKED	DJR	

DBFL Consulting Engineers
 Dublin Office: Ormrod House, Upper Ormrod Quay, Dublin 7, Ireland. PHONE +353 1 400 4000 FAX +353 1 400 4050
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PROJECT
STRATEGIC HOUSING DEVELOPMENT AT COLPE WEST, DROGHEDA, CO. MEATH

DRG. TITLE
LONGITUDINAL SECTIONS THROUGH ROAD SHEET 5

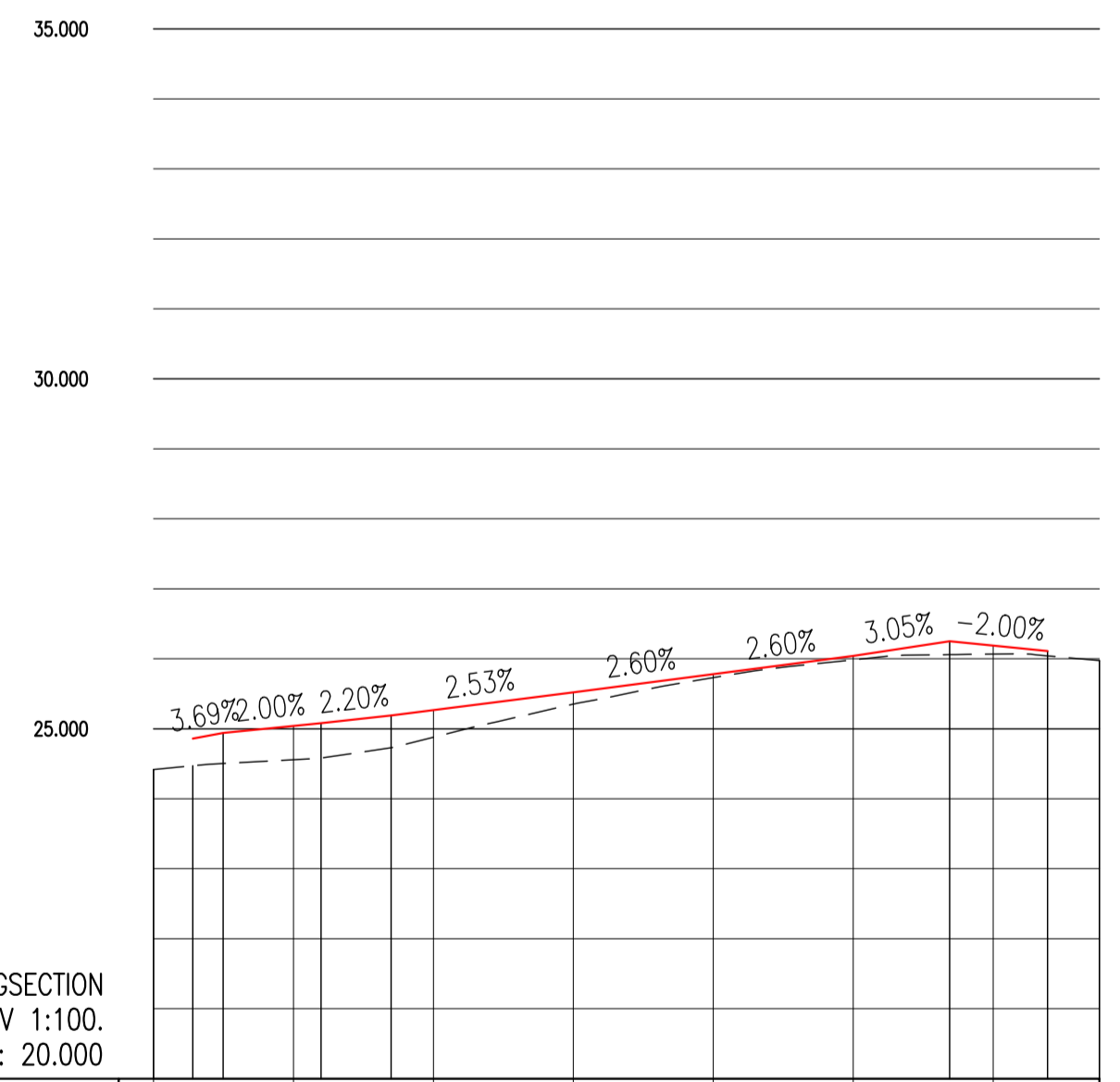
CLIENT
SHANNON HOMES DROGHEDA LTD.

SCALE AS SHOWN @A1 FILE REF. 170092-2071
 DRG. NO. **170092-2075**



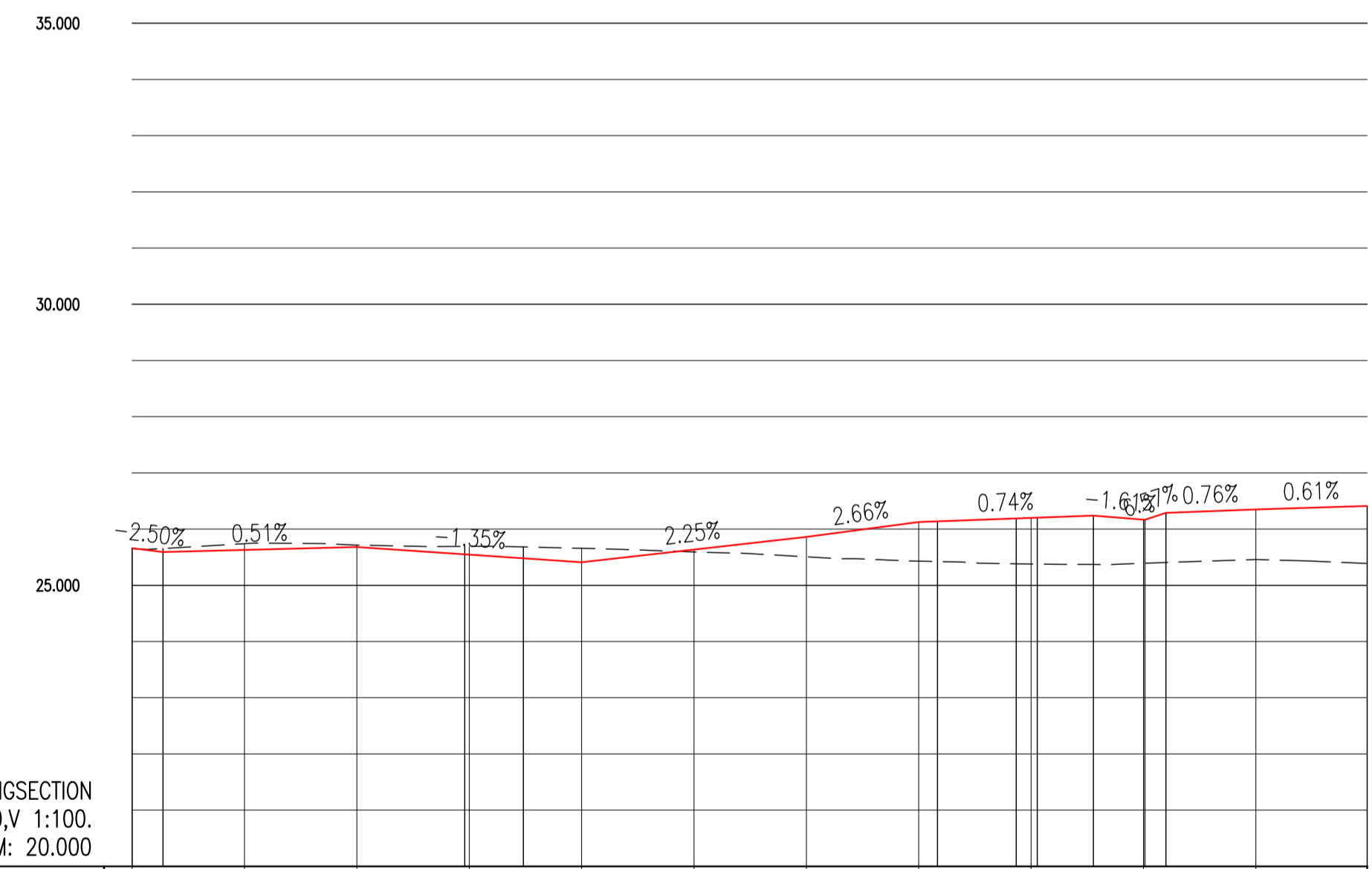
ROAD 301 LONGSECTION
 SCALE: H 1:500, V 1:100.
 DATUM: 20.000

CHAINAGE	EXISTING GROUND LEVELS	PROPOSED LEVELS	VERTICAL GEOMETRY	HORIZONTAL GEOMETRY
312,852	27,569	26,990	G = 3.04%	L = 17.832
3140,000	27,253	26,974	G = 2.2%	R: 26,000 L: 9.667
3150,000	27,008	26,966	G = -1.064%	
3160,000	26,800	26,860	G = -1.80%	
3170,000	26,640	26,680	G = -1.800%	L = 122.482
3180,000	26,478	26,500	G = 0.40%	
3190,000	26,315	26,500	G = 1.30%	
3200,000	26,091	26,320	G = 1.80%	
3210,000	25,919	26,140	G = 1.30%	
3220,000	25,735	25,960	G = 1.80%	
3230,000	25,538	26,000	G = 1.30%	
3240,000	25,348	26,040	G = 1.167%	R: 9,000 L: 14.135
3250,000	25,089	26,170	G = 0.667%	L = 13.702
3260,000	24,836	26,300	G = -1.000%	R: 62,748 L: 22,720
3270,000	24,569	26,480	G = -1.550%	L = 5.781
3280,000	24,275	26,610	G = -3.666%	R: 57,000 L: 9,200
3290,000	23,952	26,727	G = -4.000%	L = 5.274
3300,000	23,605	26,843	G = -1.762%	L = 1.875
3310,000	23,243	26,910	G = -1.770%	L = 24.400
3320,000	22,854	26,950	G = -1.57%	
3330,000	22,435	26,965	G = -1.40%	
3340,000	21,986	26,950		
3350,000	21,507	26,913		
3360,000	20,998	26,855		
3370,000	20,459	26,788		
3380,000	19,890	26,703		
3384,915	19,291	25,733		



ROAD 311 LONGSECTION
 SCALE: H 1:500, V 1:100.
 DATUM: 20.000

CHAINAGE	EXISTING GROUND LEVELS	PROPOSED LEVELS	VERTICAL GEOMETRY	HORIZONTAL GEOMETRY
00,000	24,418		G = 3.680%	L = 2,882
10,000	24,557	25,040	G = 2.000%	L = 7,000
20,000	24,878	25,267	G = 2.534%	L = 5,000
30,000	25,353	25,520	G = 2.800%	L = 39,908
40,000	25,731	25,780	G = 2.600%	
50,000	25,985	26,040	G = 3.051%	
60,000	26,066	26,188	G = 2.000%	L = 7,000
67,583	25,976		G = -1.50%	L = 3,700



ROAD 312 LONGSECTION
 SCALE: H 1:500, V 1:100.
 DATUM: 20.000

CHAINAGE	EXISTING GROUND LEVELS	PROPOSED LEVELS	VERTICAL GEOMETRY	HORIZONTAL GEOMETRY
00,000	25,651	25,660	G = -2.500%	L = 2,750
10,000	25,741	25,629	G = 0.514%	L = 26,844
20,000	25,716	25,680	G = -1.350%	R: 26,000 L: 5,225
30,000	25,693	25,545	G = 2.250%	L = 36,850
40,000	25,668	25,410	G = 2.657%	
50,000	25,593	25,635	G = 0.736%	L = 7,000
60,000	25,506	25,890	G = -0.640%	L = 1,875
70,000	25,430	26,126	G = -0.761%	L = 4,881
80,000	25,379	26,199	G = 0.606%	L = 17,900
90,000	25,385	26,168		
100,000	25,368	26,350		
109,901	25,388	26,410		