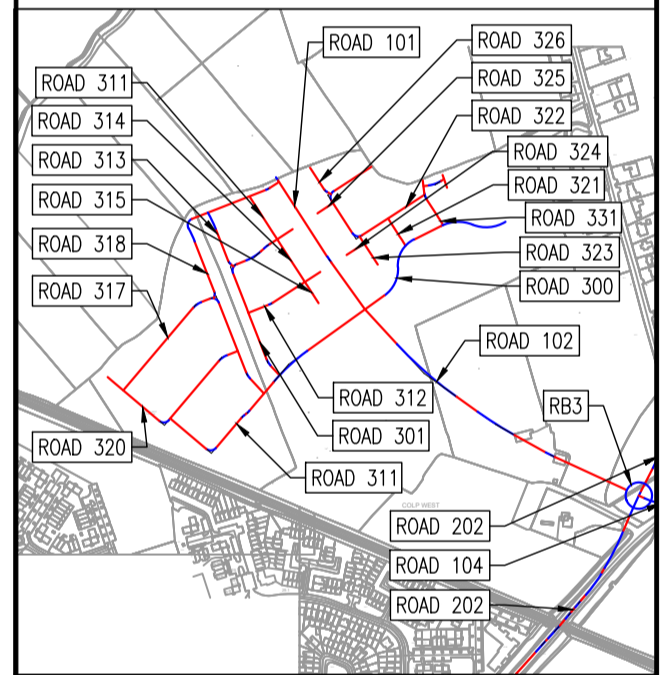
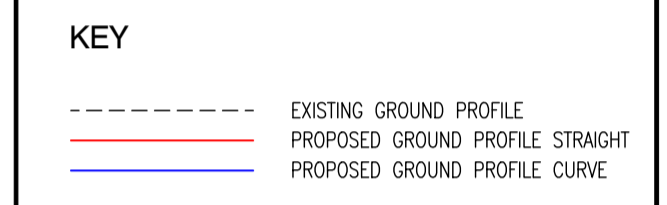


- NOTES:
1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS.
 2. ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
 3. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR (TM).
 4. ALL LEVELS ARE TO ORDNANCE DATUM AND ARE IN METRES.
 5. ALL TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT SHALL COMPLY FULLY WITH THE NRA SPECIFICATION FOR ROAD WORKS.
 6. THE CONTRACTOR MUST LIAISE 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.
 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 1242:2002 +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.



KEYPLAN

B	31-07-20	STAGE 3 NEW APPLICATION	DJG	DMW
A	10-05-20	STAGE 2 NEW APPLICATION	DJG	AGS
REV.	DATE	DESCRIPTION	BY	CHKD.
PLANNING SHD STAGE 3				
DESIGNED	DMW	PREPARED	DJG	
DATE	OCT 2019	CHECKED	DJR	

DBFL Consulting Engineers
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PROJECT
STRATEGIC HOUSING DEVELOPMENT AT COLPE WEST, DROGHEDA, CO. MEATH

DRG. TITLE
LONGITUDINAL SECTIONS THROUGH ROAD SHEET 5

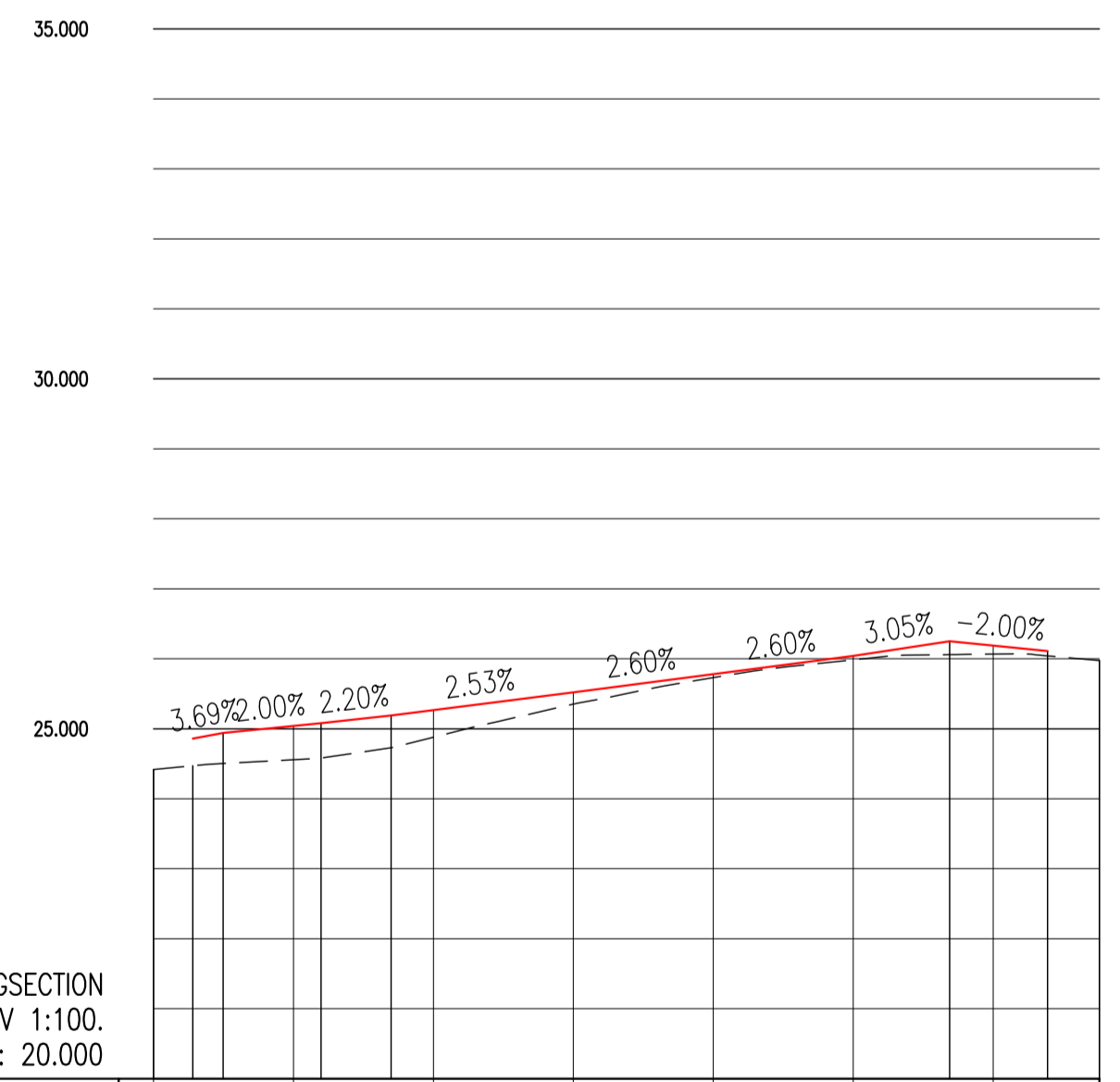
CLIENT
SHANNON HOMES DROGHEDA LTD.

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



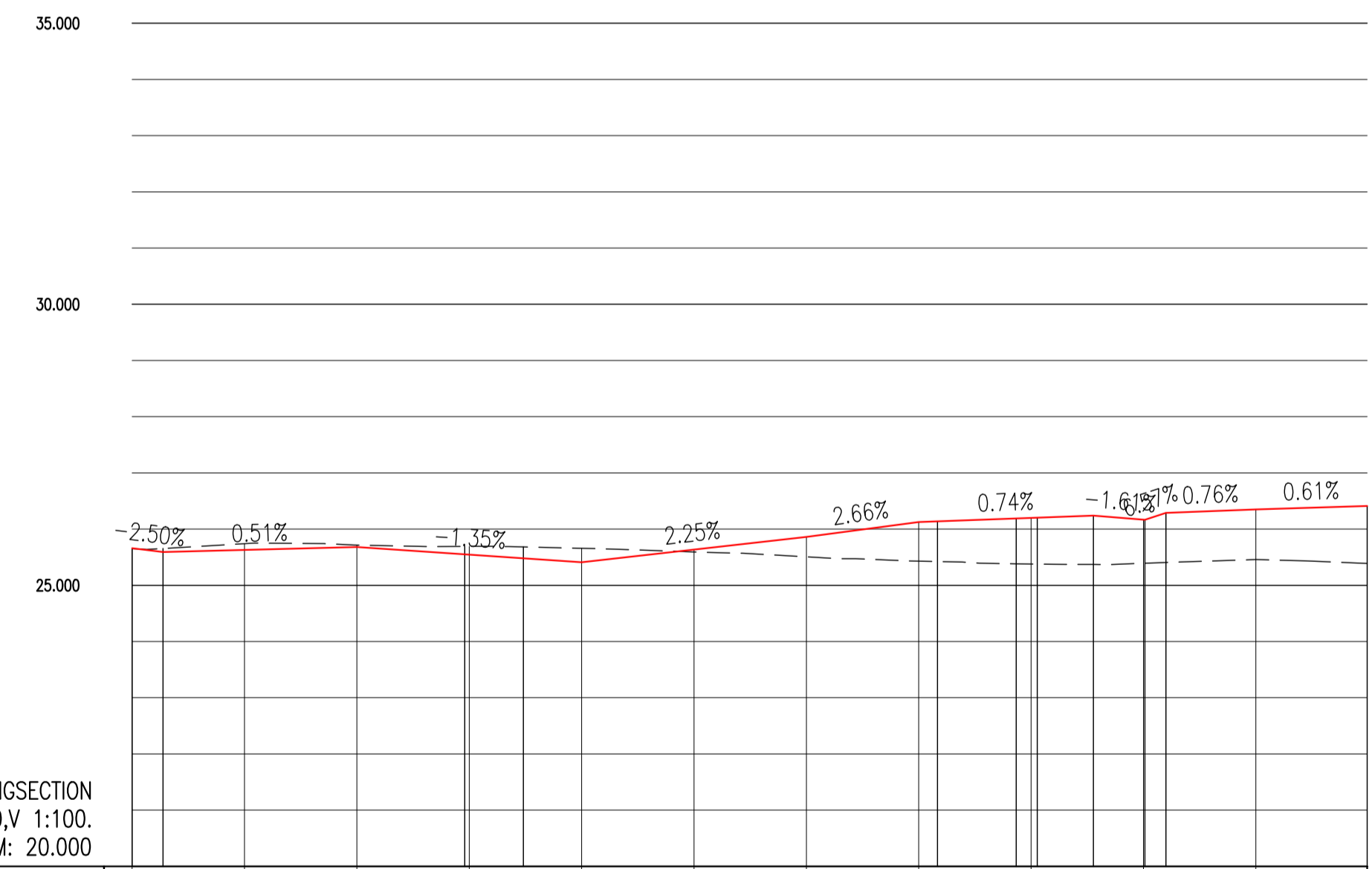
ROAD 301 LONGSECTION
 SCALE: H 1:500, V 1:100.
 DATUM: 20.000

CHAINAGE	312,872	314,000	315,000	316,000	317,000	318,000	319,000	320,000	321,000	322,000	323,000	324,000	325,000	326,000	327,000	328,000	329,000	330,000	331,000	332,000	333,000	334,000	335,000	336,000	337,000	338,000	3384,670			
EXISTING GROUND LEVELS	27.589	27.253	27.008	26.800	26.640	26.478	26.315	26.091	25.919	25.735	25.538	25.345	25.150	24.953	24.754	24.552	24.348	24.141	23.931	23.718	23.502	23.283	23.061	22.836	22.608	22.377	22.143			
PROPOSED LEVELS		27.099	27.047	26.954	26.860	26.765	26.650	26.524	26.389	26.244	26.089	25.924	25.749	25.564	25.369	25.164	24.949	24.724	24.489	24.254	24.019	23.774	23.529	23.284	23.039	22.794	22.549			
VERTICAL GEOMETRY	G = -0.94% L = 17.832		G = -0.935% L = 11.07		G = -1.552% L = 66.070		G = -0.667% L = 1.150		G = -1.300% L = 1.77		G = -1.800% L = 1.56		G = -0.650% L = 1.154		G = -2.333% L = 1.43		G = -0.667% L = 1.150		G = -1.000% L = 1.190		G = -1.550% L = 1.85		G = -3.733% L = 1.27		G = -1.804% L = 1.56		G = -1.792% L = 1.44		G = -2.280% L = 1.44	
HORIZONTAL GEOMETRY	L = 17.832		R: 26.000 L: 9.667		L = 66.070		L = 7.074		L = 49.343		R: 9.000 L: 14.135		L = 13.452		R: 62.748 L: 22.720		L = 5.781		R: 57.000 L: 9.200		L = 5.278		R: 1.875 L = 5.000		L = 24.400					



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

CHAINAGE	00,000	10,000	20,000	30,000	40,000	50,000	60,000	67,583
EXISTING GROUND LEVELS	24.418	24.557	24.878	25.353	25.731	25.985	26.066	25.976
PROPOSED LEVELS		25.040	25.267	25.520	25.780	26.040	26.188	
VERTICAL GEOMETRY	G = 3.680% L = 1.27		G = 2.000% L = 1.50		G = 2.200% L = 1.45		G = 2.534% L = 1.39	
HORIZONTAL GEOMETRY	L = 2.882		L = 7.000		L = 5.000		L = 39.908	



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

CHAINAGE	00,000	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	109,901						
EXISTING GROUND LEVELS	25.651	25.741	25.716	25.693	25.658	25.593	25.506	25.430	25.379	25.385	25.358	25.388						
PROPOSED LEVELS	25.660	25.629	25.680	25.545	25.410	25.635	25.860	26.126	26.199	26.168	26.350	26.410						
VERTICAL GEOMETRY	G = -2.500% L = 1.14		G = 0.514% L = 1.194		G = -1.350% L = 1.74		G = 2.250% L = 1.44		G = 2.657% L = 1.38		G = 0.736% L = 1.136		G = -0.645% L = 1.131		G = -0.761% L = 1.165		G = 0.606% L = 1.165	
HORIZONTAL GEOMETRY	L = 2.750		L = 26.844		R: 26.000 L: 5.225		L = 36.850		L = 7.000		L = 1.875		L = 4.881		L = 1.875		L = 17.900	