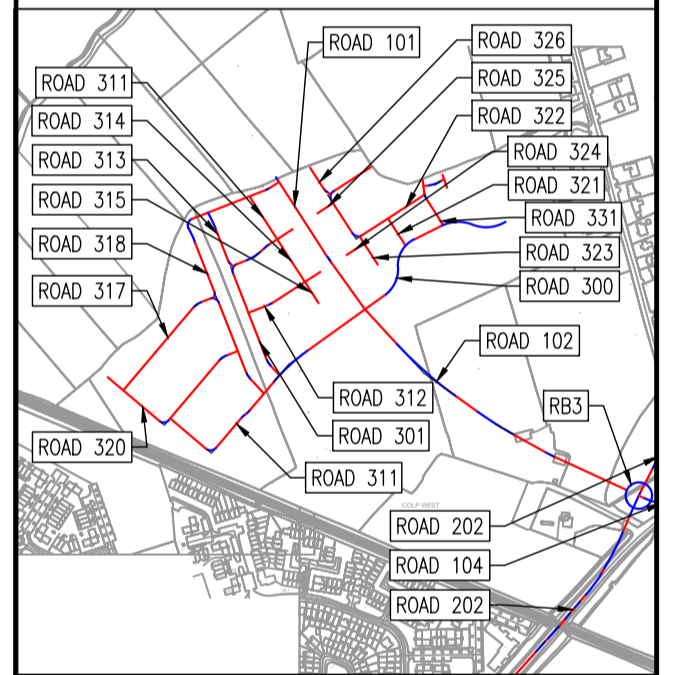


- NOTES:
1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS.
 2. ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
 3. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR (TM).
 4. ALL LEVELS ARE TO ORDNANCE DATUM AND ARE IN METRES.
 5. ALL TEMPORARY TRAFFIC & 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 THROUGHOUT THE WORKS.
 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.
- ALIGNMENT INFORMATION:
1. REFER TO DRGS 170092-2000 TO 2004 FOR HORIZONTAL
 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

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	

Dublin Office: Ormrod House, Upper Ormrod Quay, Dublin 7, Ireland. PHONE +353 1 400 4000 FAX +353 1 400 4050

Waterford Office: Unit 2, The Chandery, 1-2 O'Connell Street, Waterford, Ireland. PHONE +353 51 308 500 FAX +353 51 844 813

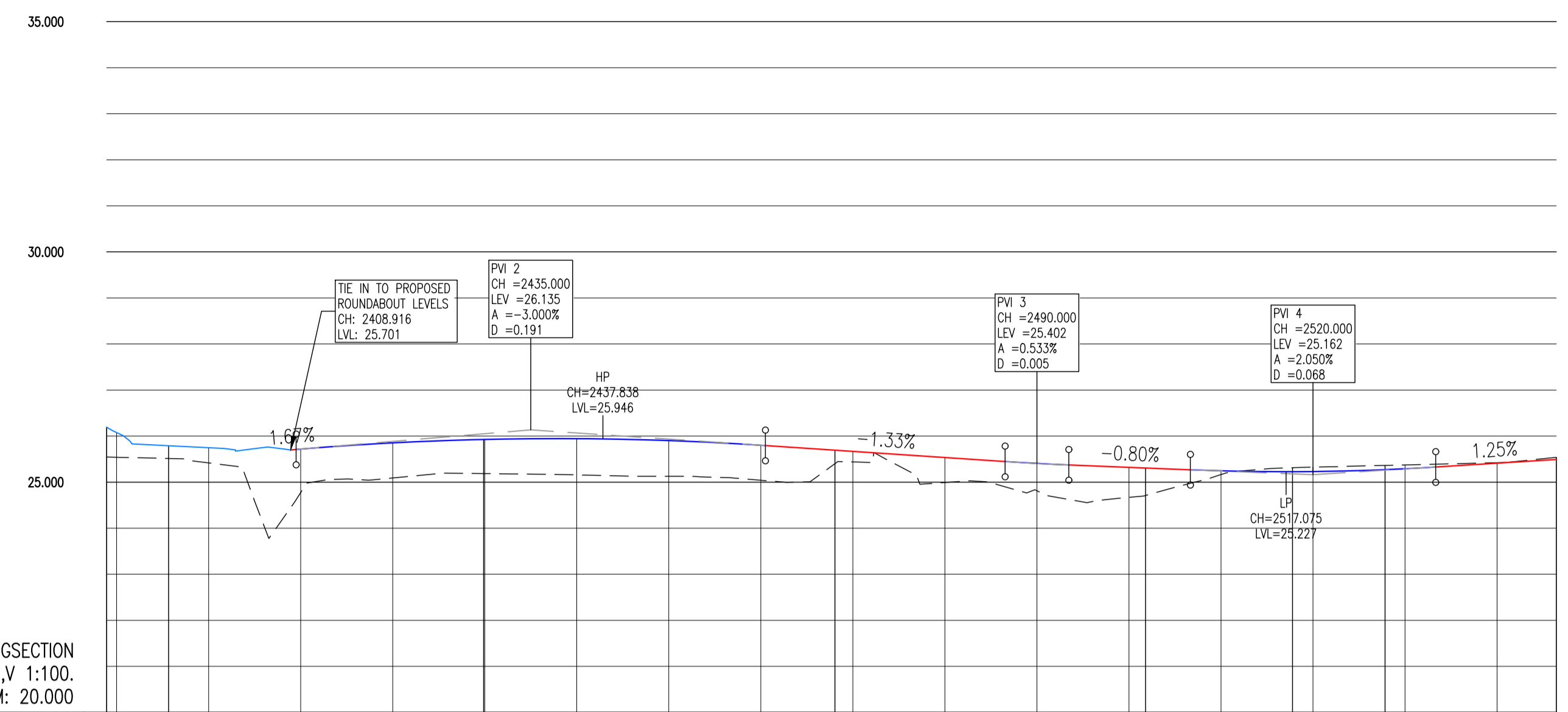
DBFL Consulting Engineers email: info@dbfl.ie site: www.dbfl.ie

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

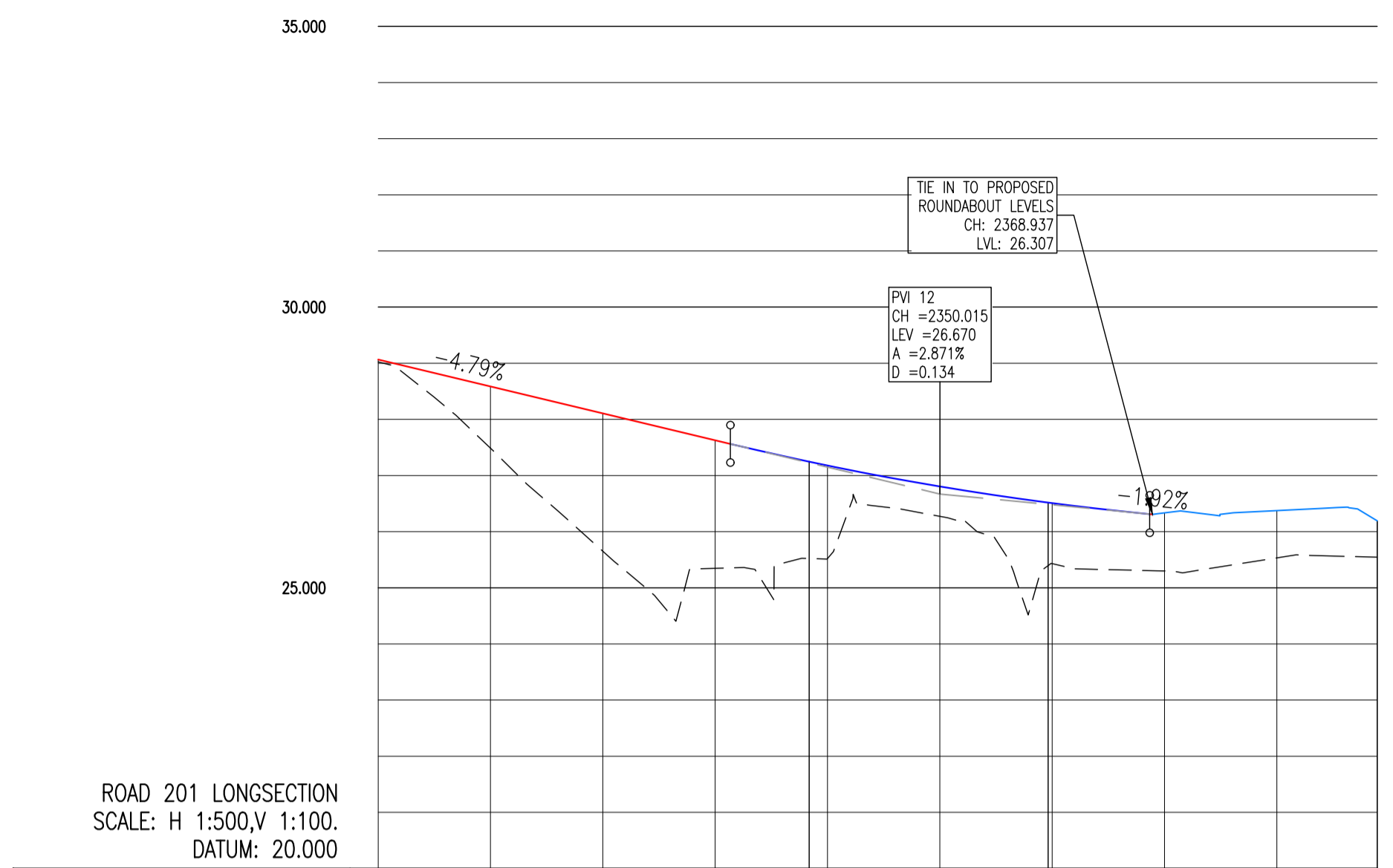
DRG. TITLE
LONGITUDINAL SECTIONS THROUGH ROAD SHEET 3

CLIENT
SHANNON HOMES DROGHEDA LTD.

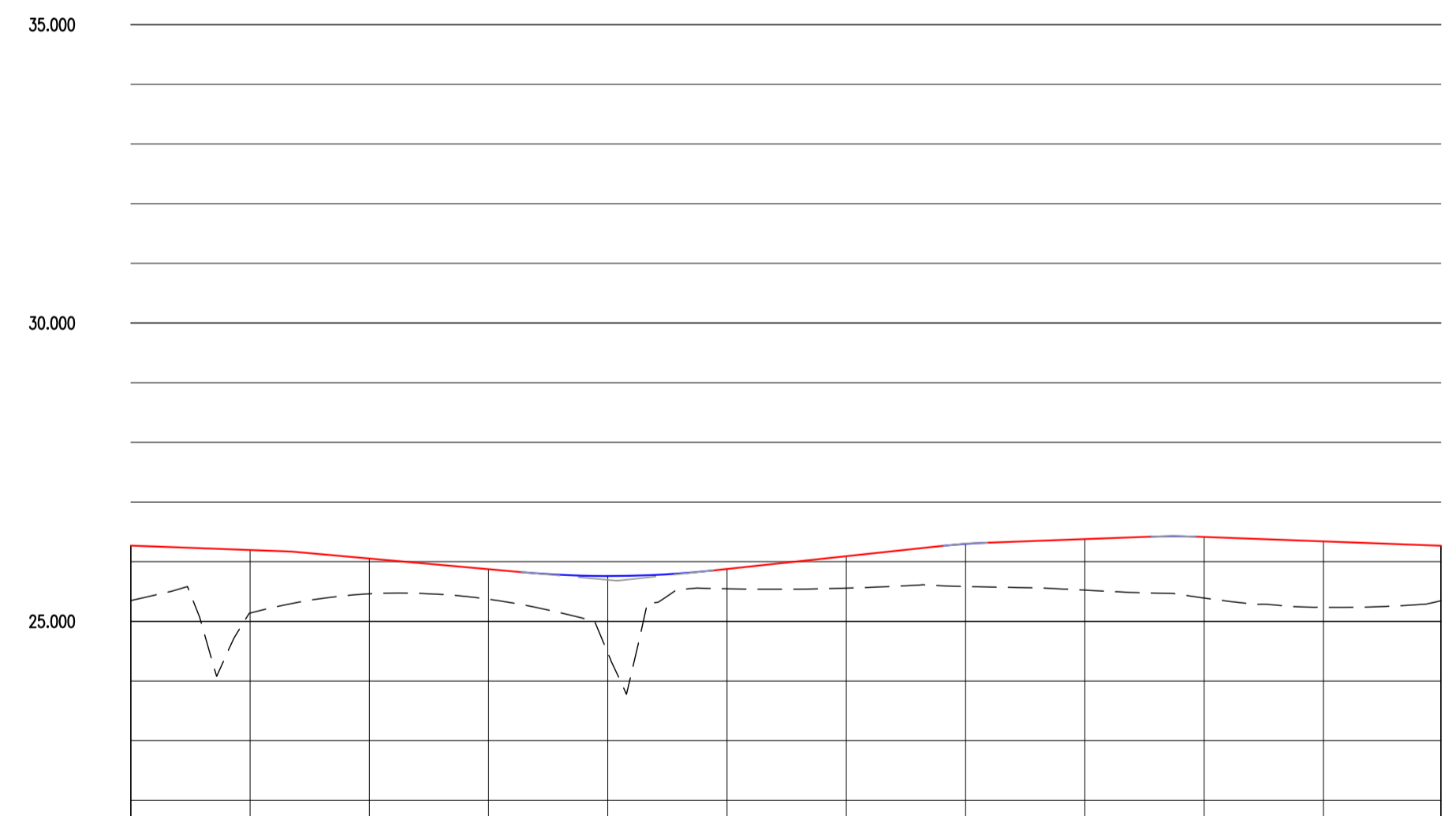
SCALE AS SHOWN @A1 FILE REF. 170092-2071
 DRG. NO. **170092-2073** **B**



CHAINAGE	2388.000	2400.000	2410.000	2420.000	2430.000	2440.000	2450.000	2460.000	2470.000	2480.000	2490.000	2500.000	2510.000	2520.000	2530.000	2540.000	2546.429
EXISTING GROUND LEVELS	25.546	25.418	24.773	25.092	25.186	25.157	25.127	25.041	25.439	24.992	24.815	24.670	25.164	25.326	25.374	25.423	25.539
PROPOSED LEVELS			25.719	25.853	25.928	25.945	25.903	25.802	25.669	25.535	25.407	25.322	25.246	25.230	25.291	25.412	25.483
VERTICAL GEOMETRY	<p>G = 1.667% R = 1700.000 K = 13.000 L = 50.992</p> <p>G = -1.333% R = 1300.000 K = 13.000 L = 6.927</p> <p>G = -0.800% R = 1300.000 K = 13.000 L = 26.650</p> <p>G = 1.250% R = 180</p>																
HORIZONTAL GEOMETRY	<p>R: 416.200 L: 6.730</p> <p>L = 34.227</p> <p>R: 366.569 L: 38.172</p> <p>R: 105.755 L: 33.754</p> <p>R: 127.000 L: 15.964</p> <p>R: 53.000 L: 10.055</p> <p>L = 18.605</p>																



CHAINAGE	2300.000	2310.000	2320.000	2330.000	2340.000	2350.000	2360.000	2370.000	2380.000	2386.338
EXISTING GROUND LEVELS	29.024	27.486	25.651	25.347	25.521	26.273	25.431	25.299	25.533	25.546
PROPOSED LEVELS	29.064	28.586	28.107	27.628	27.178	26.804	26.508			
VERTICAL GEOMETRY	<p>G = -4.788% -1.21</p> <p>R = 1300.000 K = 13.000 L = 37.329</p> <p>G = -1.916% -1.52</p>									
HORIZONTAL GEOMETRY	<p>R: 400.002 L: 55.663</p> <p>L = 21.263</p> <p>R: 416.200 L: 29.301</p>									



CHAINAGE	300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	390.000	400.000	409.856
EXISTING GROUND LEVELS	25.349	25.138	25.462	25.371	24.471	25.345	25.557	25.584	25.523	25.391	25.235	25.344
PROPOSED LEVELS	25.268	25.195	25.053	25.874	25.760	25.878	26.092	26.299	26.378	26.414	26.340	26.268
VERTICAL GEOMETRY	<p>G = -0.735% -1.136</p> <p>G = -1.786% -1.56</p> <p>R = 410.000 K = 4.100 L = 16.073</p> <p>G = 2.135% 1.47</p> <p>R = 260.000 K = 2.600 L = 3.682</p> <p>G = 0.730% 1.137</p> <p>R = 260.000 K = 2.600 L = 3.680</p> <p>G = -0.735% -1.136</p>											
HORIZONTAL GEOMETRY	<p>L = 109.856</p>											