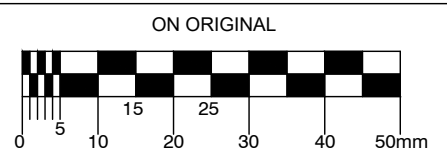


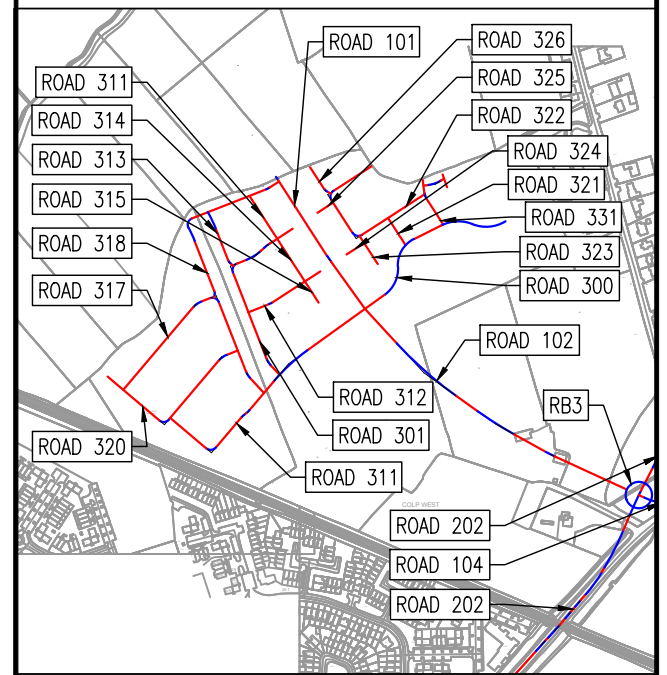
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- GENERAL NOTES:
1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS.
 2. ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
 3. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR (TM).
 4. ALL LEVELS ARE TO ORDNANCE 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.
 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 U.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

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	

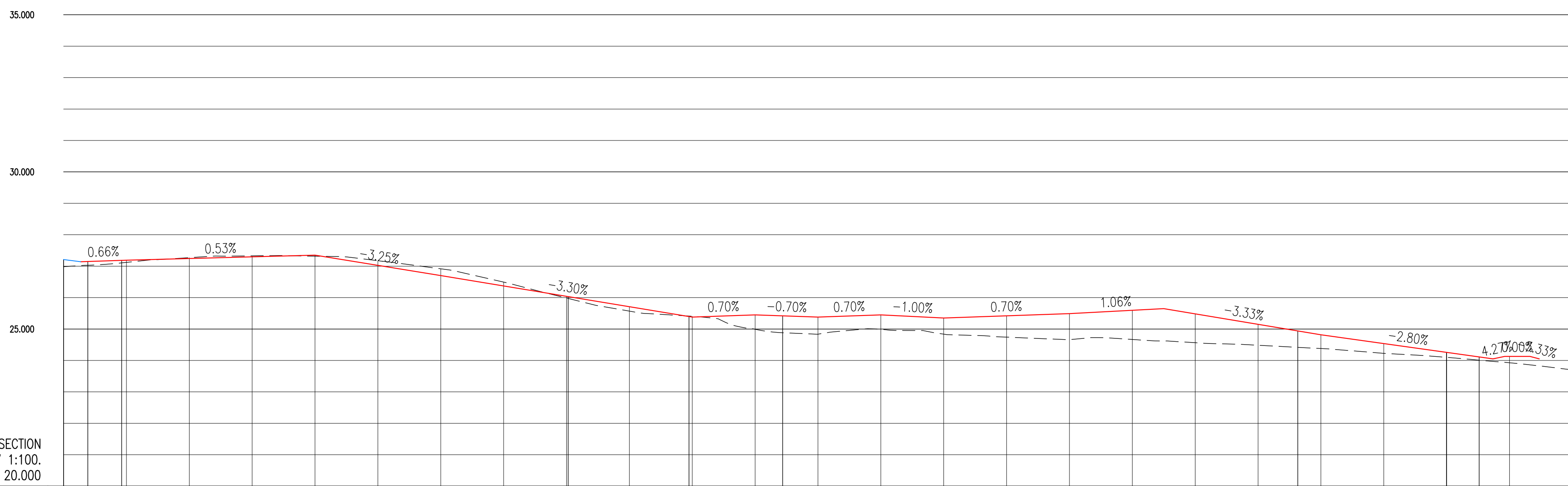
DBFL Consulting Engineers
 Dublin Office: Ormrod House, Upper Ormrod Quay, Dublin 7, Ireland. PHONE +353 1 400 4000 FAX +353 1 400 4050
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PROJECT
STRATEGIC HOUSING DEVELOPMENT AT COLPE WEST, DROGHEDA, CO. MEATH

DRG. TITLE
LONGITUDINAL SECTIONS THROUGH ROAD SHEET 7

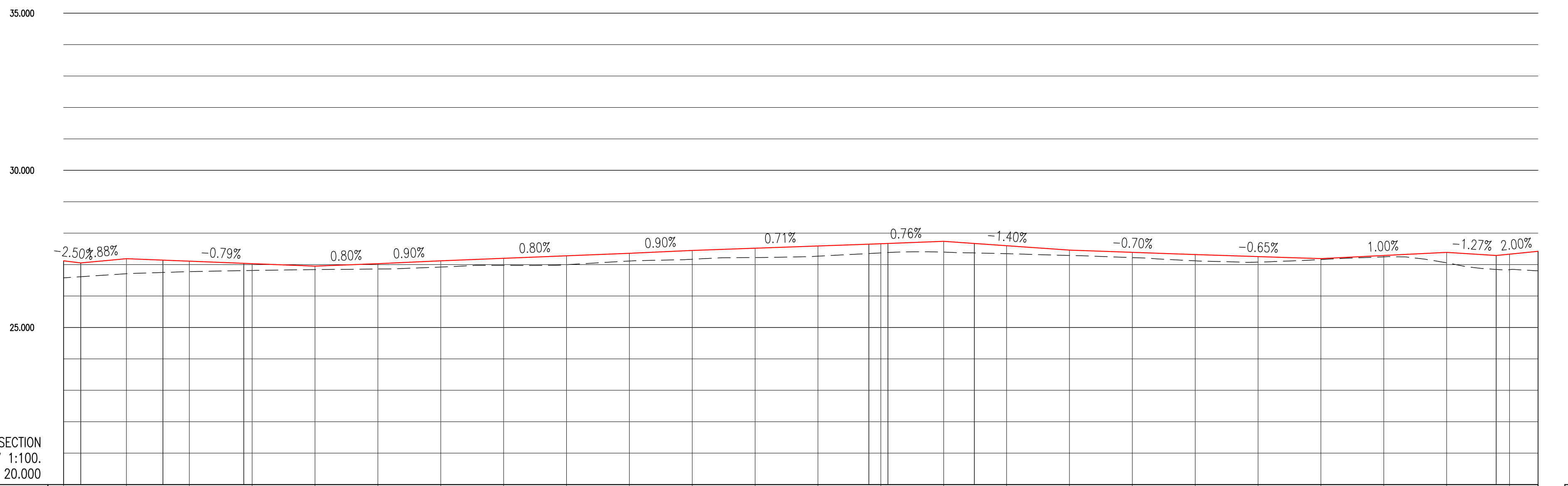
CLIENT
SHANNON HOMES DROGHEDA LTD.

SCALE AS SHOWN @A1 FILE REF. 170092-2071
 DRG. NO. **170092-2077**



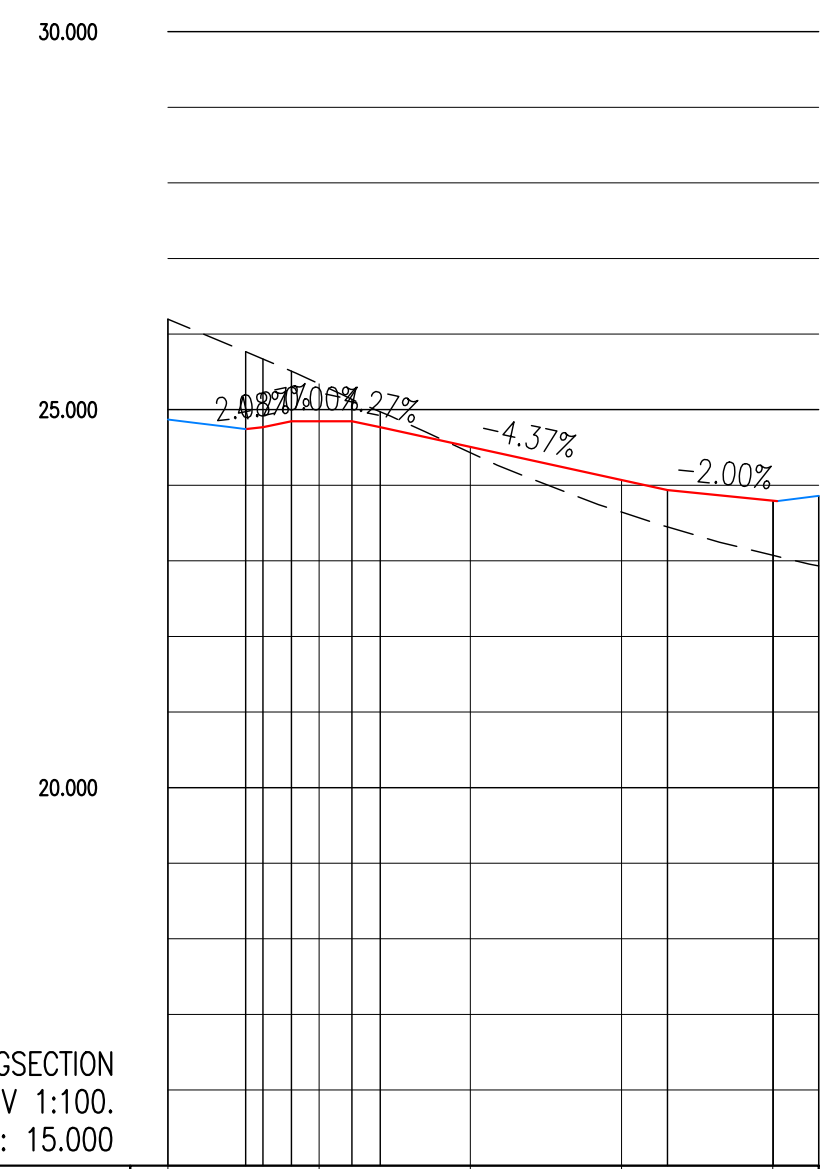
ROAD 318 LONGSECTION
 SCALE: H 1:500, V 1:100.
 DATUM: 20.000

CHAINAGE	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	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	236.997	
EXISTING GROUND LEVELS	26.583	27.120	27.271	27.328	27.318	27.175	26.916	26.495	25.886	25.570	25.406	24.992	24.656	24.993	24.637	24.743	24.662	24.668	24.565	24.483	24.483	24.379	24.226	24.099	23.927	23.699
PROPOSED LEVELS		27.190	27.243	27.297	27.350	27.025	26.700	26.370	26.040	25.710	25.380	25.450	25.390	25.450	25.350	25.420	25.490	25.596	25.483	25.150	24.817	24.536	24.256	24.130		
VERTICAL GEOMETRY	G = 0.660% L = 1.151		G = 0.533% L = 1.188		G = -3.250% L = -1.31		G = -3.300% L = -1.30		G = 0.700% L = 1.143		G = -0.700% L = -1.143		G = 0.700% L = 1.143		G = -1.000% L = -1.100		G = 0.700% L = 1.143		G = 1.060% L = 1.94		G = -3.330% L = -1.30		G = -2.802% L = -1.36		G = 4.200% L = 1.19	
HORIZONTAL GEOMETRY	R: 9.000 L: 3.876		R: 9.000 L: 5.370		L = 71.031		R: 146.499 L: 19.218		R: 8.750 L: 14.894		L = 81.935		L = 23.650		R: 26.000 L: 5.199		L = 14.829									



ROAD 320 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	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	234.535					
EXISTING GROUND LEVELS	26.579	26.709	26.775	26.813	26.840	26.859	26.923	26.974	26.987	27.114	27.170	27.224	27.288	27.372	27.397	27.348	27.290	27.222	27.120	27.079	27.160	27.246	27.067	26.839	26.803					
PROPOSED LEVELS	27.120	27.188	27.109	27.029	26.950	27.030	27.120	27.200	27.280	27.360	27.450	27.521	27.592	27.664	27.740	27.600	27.460	27.390	27.320	27.255	27.190	27.290	27.390	27.332	27.423					
VERTICAL GEOMETRY	G = -2.500% L = 1.149		G = -1.882% L = 1.53		G = -0.793% L = -1.126		G = 0.800% L = 1.125		G = 0.900% L = 1.111		G = 0.800% L = 1.125		G = 0.900% L = 1.111		G = 0.712% L = 1.140		G = 0.766% L = 1.132		G = -1.400% L = -1.71		G = -0.700% L = -1.143		G = -0.650% L = -1.154		G = 1.000% L = 1.100		G = -1.268% L = -1.79		G = 2.000% L = 1.50	
HORIZONTAL GEOMETRY	L = 2.746		L = 13.059		R: 26.000 L: 12.862		L = 99.423		R: 8.750 L: 13.744		L = 3.038		L = 83.012		L = 6.650															



ROAD 321 LONGSECTION
 SCALE: H 1:500, V 1:100.
 DATUM: 15.000

CHAINAGE	00.000	10.000	20.000	30.000	40.000	43.038		
EXISTING GROUND LEVELS	26.196	25.341	24.431	23.645	23.074	22.534		
PROPOSED LEVELS		24.847	24.507	24.069	23.797			
VERTICAL GEOMETRY	G = 2.480% L = 1.15		G = 2.220% L = 1.23		G = -4.374% L = -1.23		G = -2.000% L = -1.50	
HORIZONTAL GEOMETRY	L = 5.113		L = 19.000		L = 7.008		L = 3.000	